

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
 Data File : VD077043.D
 Acq On : 28 Aug 2023 16:04
 Operator : JC/SY
 Sample : VD0828SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2023
 Supervised By :Mahesh Dadoda 08/29/2023

Quant Time: Aug 29 02:51:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	186714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	327543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	311585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	155645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91565	49.809	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.620%		
35) Dibromofluoromethane	7.805	113	103411	47.258	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.520%		
50) Toluene-d8	10.269	98	389525	49.205	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.420%		
62) 4-Bromofluorobenzene	12.575	95	113894	48.798	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	34928	19.550	ug/l	89
3) Chloromethane	2.146	50	68468	20.732	ug/l	99
4) Vinyl Chloride	2.276	62	78241	20.501	ug/l	99
5) Bromomethane	2.675	94	66813	20.469	ug/l	98
6) Chloroethane	2.828	64	55968	21.593	ug/l	98
7) Trichlorofluoromethane	3.164	101	70230	20.338	ug/l	98
8) Diethyl Ether	3.587	74	19943	21.096	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.964	101	40399	20.037	ug/l	96
10) Methyl Iodide	4.152	142	55856	21.730	ug/l	92
11) Tert butyl alcohol	5.064	59	10752	97.481	ug/l #	89
12) 1,1-Dichloroethene	3.934	96	38343	19.169	ug/l	85
13) Acrolein	3.793	56	18755	90.871	ug/l	97
14) Allyl chloride	4.552	41	45392	20.571	ug/l	92
15) Acrylonitrile	5.252	53	41081	98.198	ug/l	98
16) Acetone	4.022	43	43301	103.339	ug/l #	78
17) Carbon Disulfide	4.269	76	128142	20.992	ug/l #	94
18) Methyl Acetate	4.569	43	27072	19.095	ug/l	99
19) Methyl tert-butyl Ether	5.317	73	83184	19.175	ug/l	98
20) Methylene Chloride	4.799	84	63800	22.083	ug/l	92
21) trans-1,2-Dichloroethene	5.305	96	49044	20.815	ug/l	91
22) Diisopropyl ether	6.211	45	105600	21.363	ug/l	96
23) Vinyl Acetate	6.152	43	257550m	104.015	ug/l	
24) 1,1-Dichloroethane	6.105	63	77561	20.901	ug/l	99
25) 2-Butanone	7.075	43	51013	97.164	ug/l	90
26) 2,2-Dichloropropane	7.069	77	63558	19.245	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	54979	20.771	ug/l	98
28) Bromochloromethane	7.428	49	30373	22.914	ug/l	98
29) Tetrahydrofuran	7.440	42	30007	102.898	ug/l	90
30) Chloroform	7.593	83	85051	20.459	ug/l	93
31) Cyclohexane	7.875	56	58374	19.876	ug/l #	88
32) 1,1,1-Trichloroethane	7.787	97	73499	20.370	ug/l	98
36) 1,1-Dichloropropene	8.010	75	61504	19.730	ug/l	99
37) Ethyl Acetate	7.163	43	21263	18.913	ug/l	96
38) Carbon Tetrachloride	7.987	117	60847	19.306	ug/l	99
39) Methylcyclohexane	9.269	83	68717	18.963	ug/l	96
40) Benzene	8.252	78	188734	20.162	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	11429	18.435	ug/l	94
42) 1,2-Dichloroethane	8.322	62	49334	20.394	ug/l	97
43) Isopropyl Acetate	8.358	43	40135	18.789	ug/l	96
44) Trichloroethene	9.028	130	53373	20.009	ug/l	94
45) 1,2-Dichloropropane	9.305	63	44653	20.164	ug/l	96
46) Dibromomethane	9.393	93	26884	19.068	ug/l	96
47) Bromodichloromethane	9.587	83	65111	19.782	ug/l	99
48) Methyl methacrylate	9.381	41	18641	19.470	ug/l	88
49) 1,4-Dioxane	9.393	88	5562	368.252	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	106351	96.781	ug/l	92
52) Toluene	10.334	92	119961	19.886	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	59611	19.584	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	68472	18.914	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	36744	19.634	ug/l	96
56) Ethyl methacrylate	10.593	69	37598	19.049	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	59388	19.966	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	59959	150.533	ug/l	97
59) 2-Hexanone	10.922	43	76081	96.455	ug/l	90
60) Dibromochloromethane	11.075	129	45566	19.670	ug/l	92
61) 1,2-Dibromoethane	11.175	107	34597	19.312	ug/l	97
64) Tetrachloroethene	10.810	164	41706	18.586	ug/l #	87
65) Chlorobenzene	11.604	112	132497	19.612	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	47438	18.789	ug/l	97
67) Ethyl Benzene	11.681	91	221788	19.129	ug/l	93
68) m/p-Xylenes	11.793	106	177103	38.154	ug/l	94
69) o-Xylene	12.122	106	83374	19.650	ug/l	95
70) Styrene	12.134	104	144531	19.609	ug/l	98
71) Bromoform	12.299	173	27314	19.429	ug/l #	98
73) Isopropylbenzene	12.422	105	211589	19.480	ug/l	98
74) N-amyl acetate	12.234	43	36433	19.045	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	40819	19.222	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	27068m	18.031	ug/l	
77) Bromobenzene	12.698	156	53996	19.715	ug/l	98
78) n-propylbenzene	12.763	91	259419	19.544	ug/l	96
79) 2-Chlorotoluene	12.851	91	143441	19.766	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	179957	19.845	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	12818	19.824	ug/l	96
82) 4-Chlorotoluene	12.946	91	149681	19.499	ug/l	97
83) tert-Butylbenzene	13.163	119	152800	19.488	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	180574	19.854	ug/l	98
85) sec-Butylbenzene	13.345	105	228338	19.288	ug/l	98
86) p-Isopropyltoluene	13.457	119	194042	19.222	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	110709	19.504	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	105299	19.123	ug/l	94
89) n-Butylbenzene	13.787	91	178194	19.220	ug/l	97
90) Hexachloroethane	14.057	117	38469	19.653	ug/l	91
91) 1,2-Dichlorobenzene	13.828	146	94877	19.613	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5532	18.707	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	54487	18.315	ug/l	98
94) Hexachlorobutadiene	15.204	225	30289	19.418	ug/l	97
95) Naphthalene	15.334	128	102890	18.647	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	51672	19.389	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Aug 29 02:15:23 2023
Response via : Initial Calibration

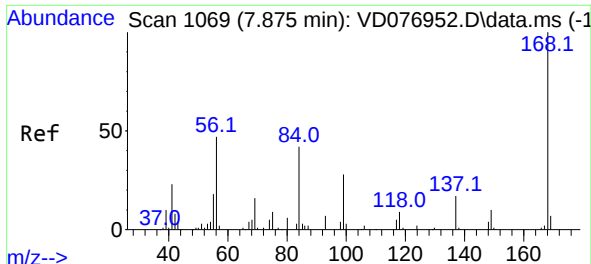
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

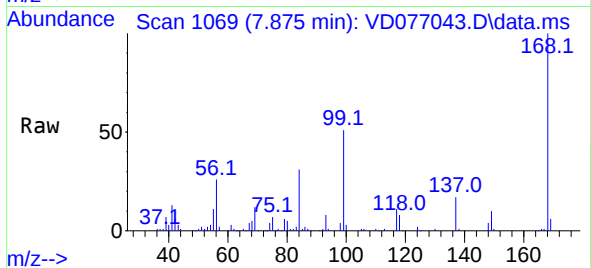
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

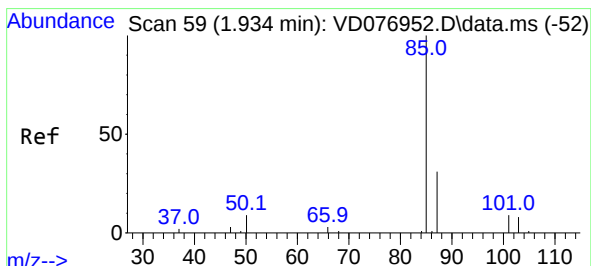
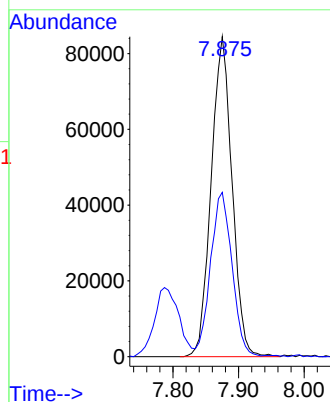
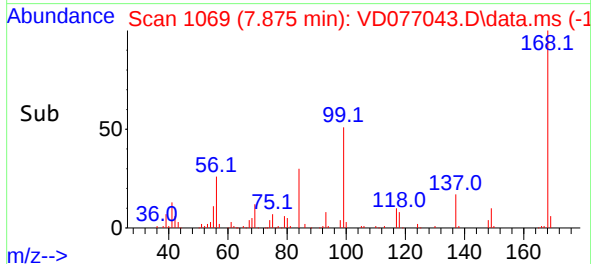
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01



Tgt Ion:168 Resp: 186714
Ion Ratio Lower Upper
168 100
99 51.2 36.7 55.1

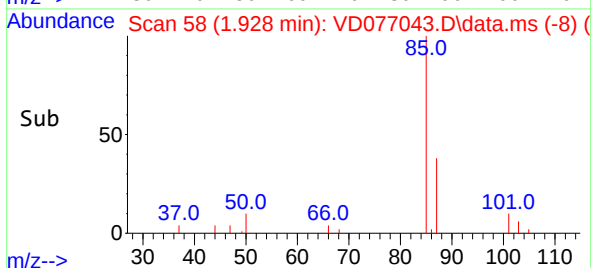
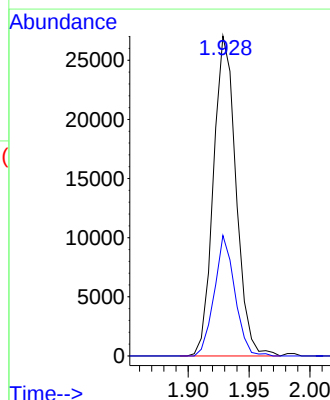
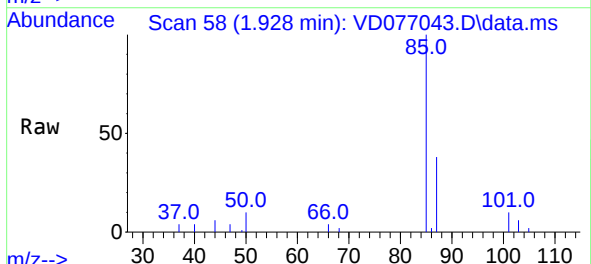
Manual Integrations
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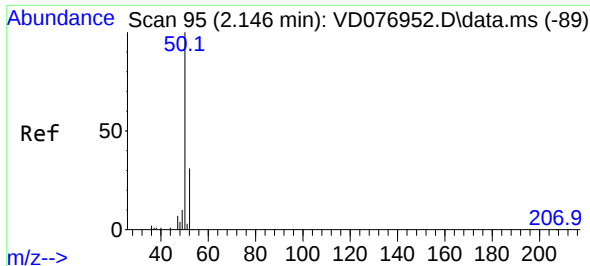
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#2
Dichlorodifluoromethane
Concen: 19.550 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

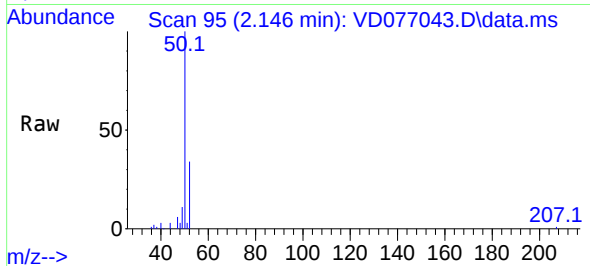
Tgt Ion: 85 Resp: 34928
Ion Ratio Lower Upper
85 100
87 37.6 15.7 47.0





#3
Chloromethane
Concen: 20.732 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

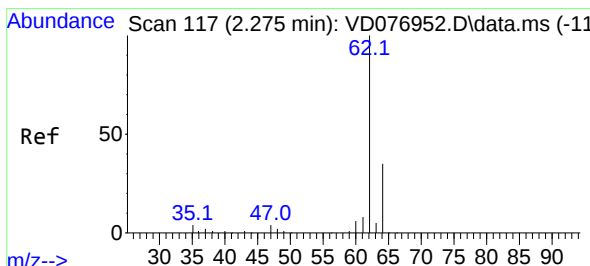
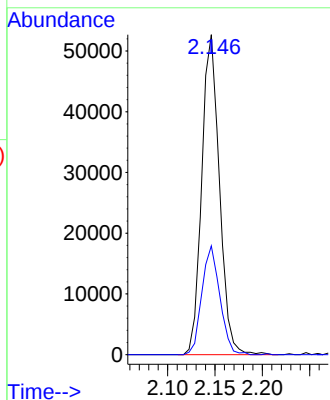
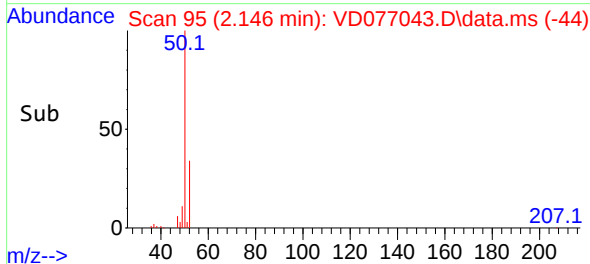
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01



Tgt Ion: 50 Resp: 6846
Ion Ratio Lower Upper
50 100
52 34.0 26.6 40.0

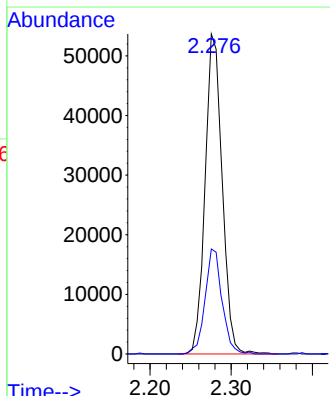
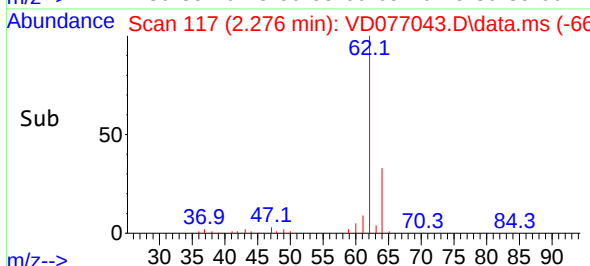
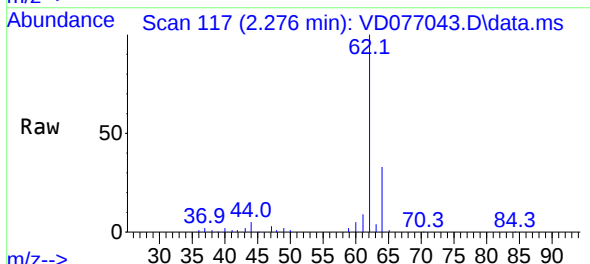
Manual Integrations
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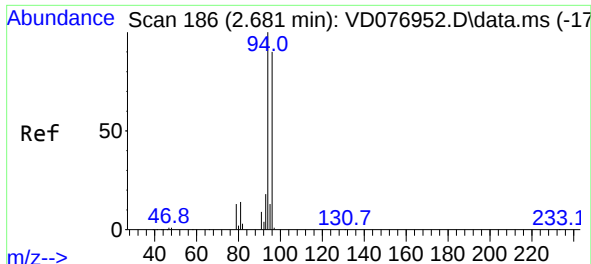
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#4
Vinyl Chloride
Concen: 20.501 ug/l
RT: 2.276 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

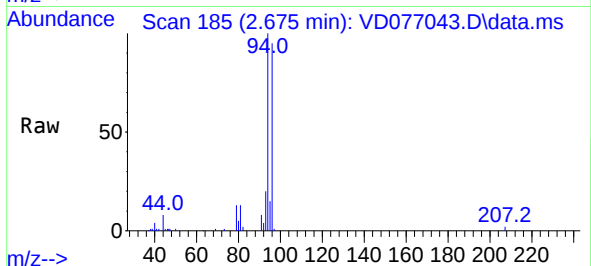
Tgt Ion: 62 Resp: 78241
Ion Ratio Lower Upper
62 100
64 32.8 26.0 39.0





#5
Bromomethane
Concen: 20.469 ug/l
RT: 2.675 min Scan# 185
Delta R.T. -0.006 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

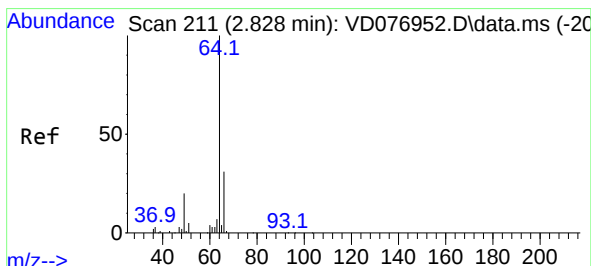
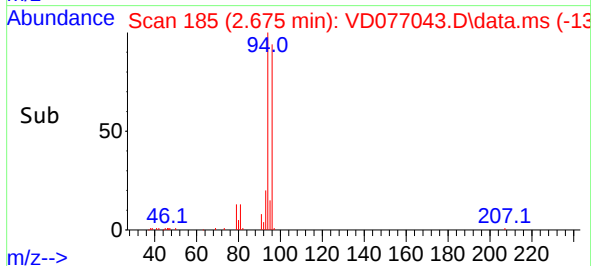
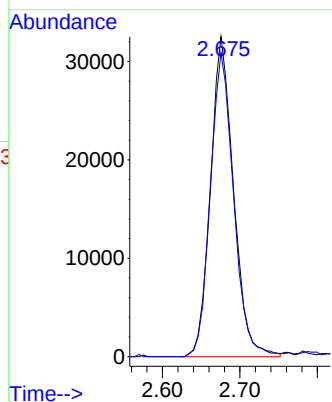
Instrument :
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Tgt Ion: 94 Resp: 6681
Ion Ratio Lower Upper
94 100
96 96.9 75.8 113.8

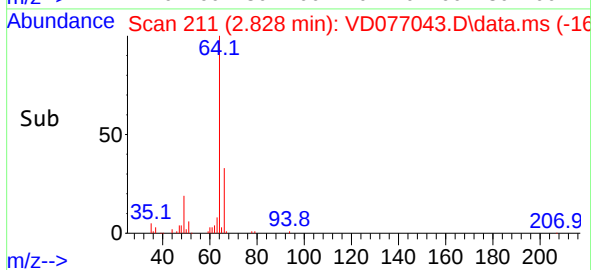
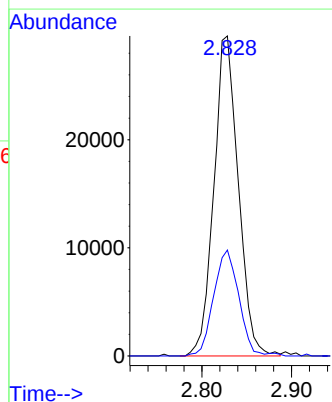
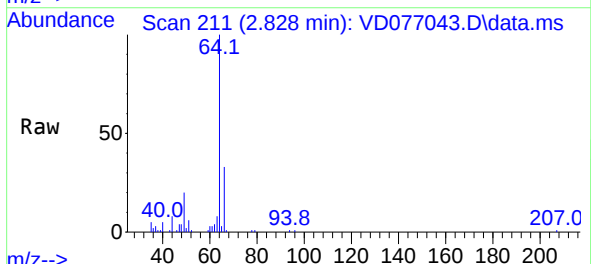
Manual Integrations
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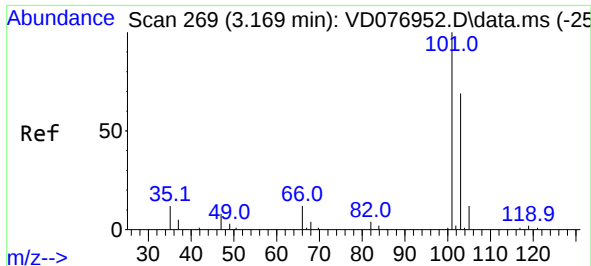
Reviewed By :Semsettin Yesilyurt 08/29/2023
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#6
Chloroethane
Concen: 21.593 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

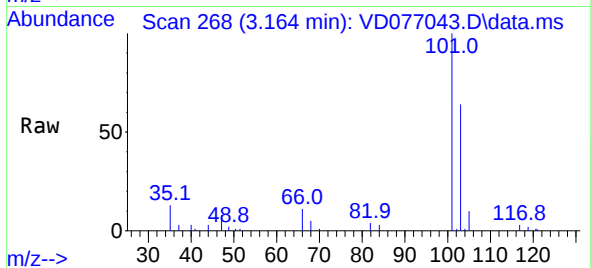
Tgt Ion: 64 Resp: 55968
Ion Ratio Lower Upper
64 100
66 33.1 25.5 38.3





#7
Trichlorofluoromethane
Concen: 20.338 ug/l
RT: 3.164 min Scan# 20
Delta R.T. -0.005 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

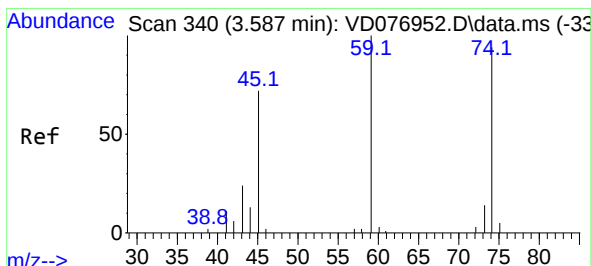
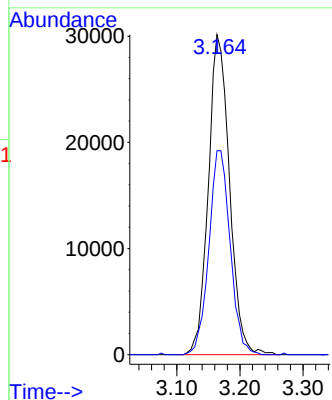
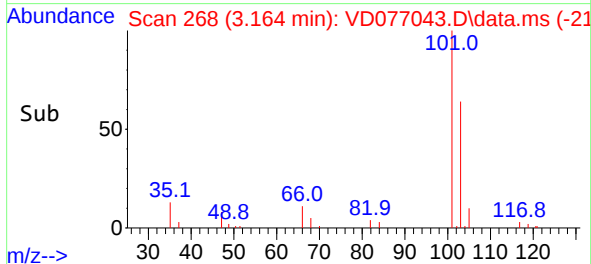
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01



Tgt Ion:101 Resp: 70230
Ion Ratio Lower Upper
101 100
103 63.8 52.3 78.5

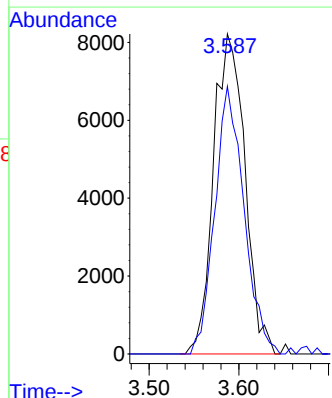
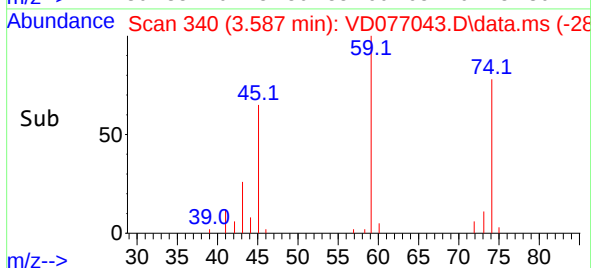
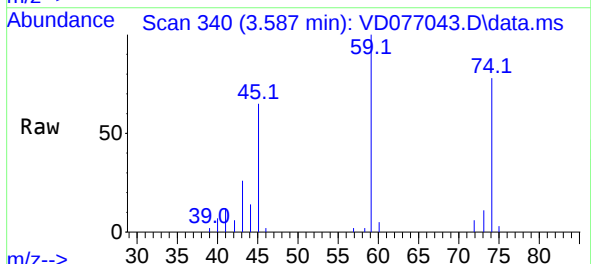
Manual Integrations
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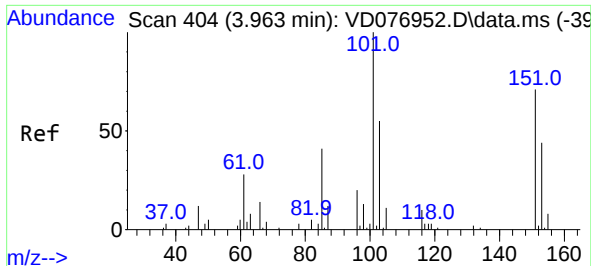
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#8
Diethyl Ether
Concen: 21.096 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Tgt Ion: 74 Resp: 19943
Ion Ratio Lower Upper
74 100
45 78.0 37.5 112.7





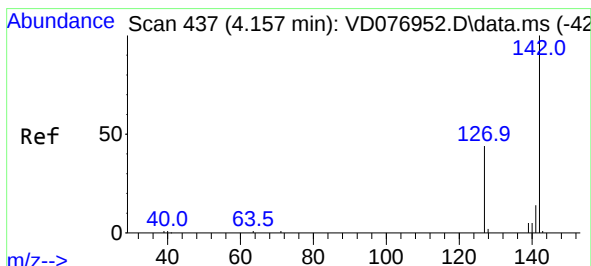
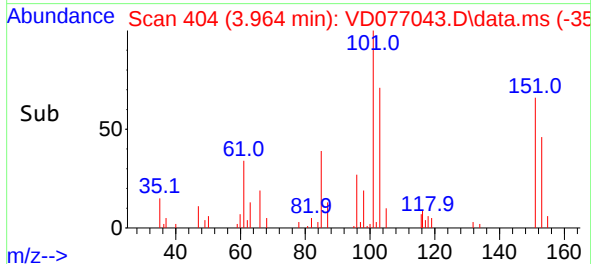
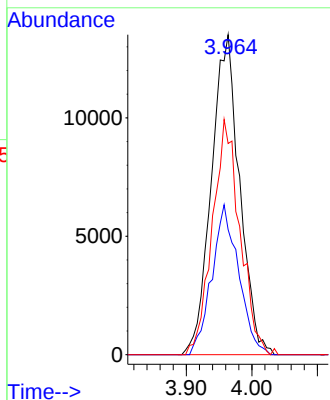
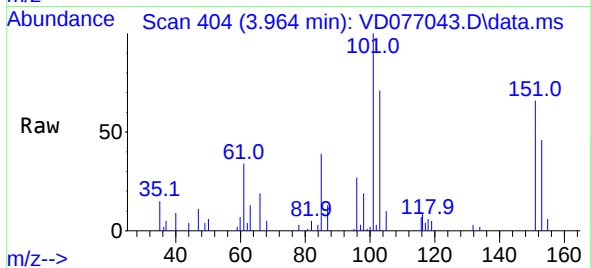
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.037 ug/l
RT: 3.964 min Scan# 40
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tgt Ion:101 Resp: 40399
Ion Ratio Lower Upper
101 100
85 44.5 33.8 50.6
151 71.8 59.8 89.6

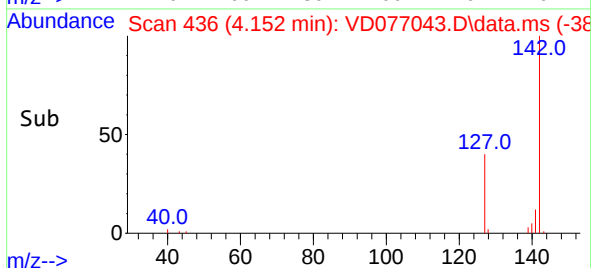
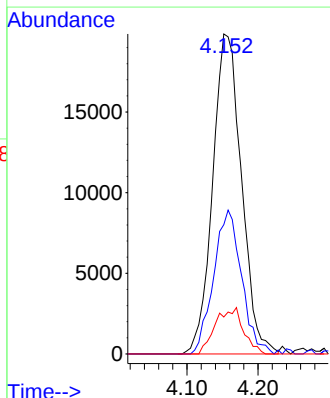
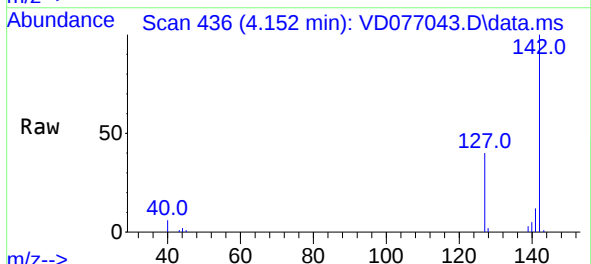
Manual Integrations
APPROVED

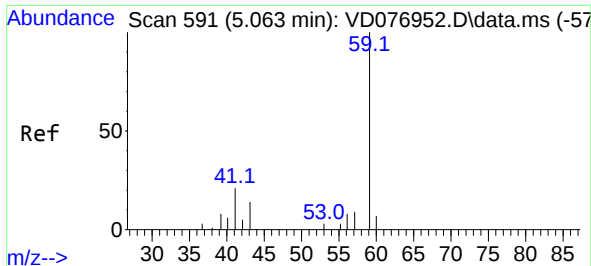
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#10
Methyl Iodide
Concen: 21.730 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.005 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

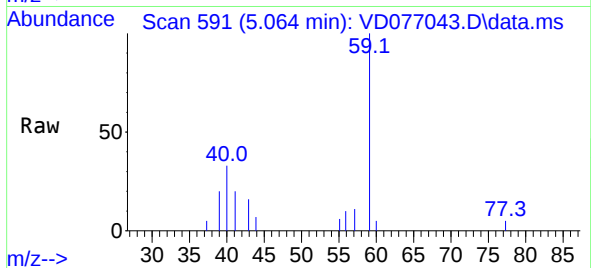
Tgt Ion:142 Resp: 55856
Ion Ratio Lower Upper
142 100
127 43.5 29.4 44.0
141 14.0 11.1 16.7





#11
Tert butyl alcohol
Concen: 97.481 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

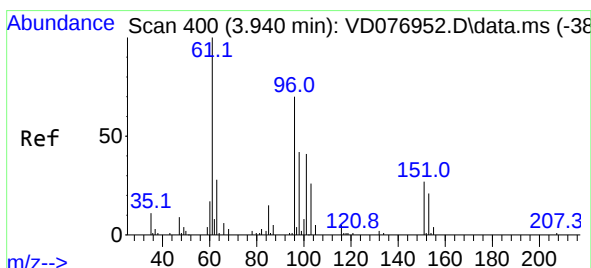
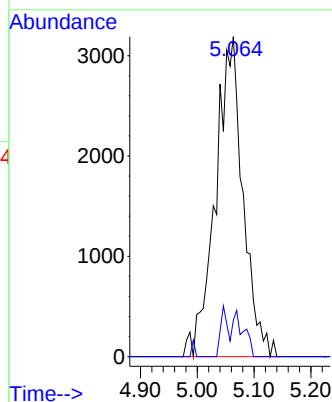
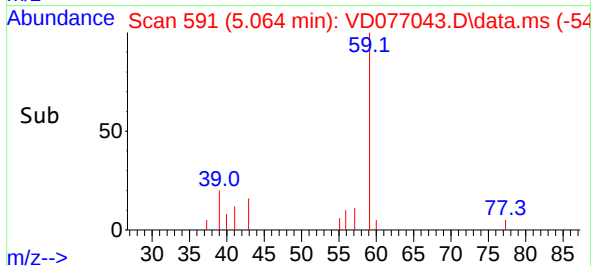
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01



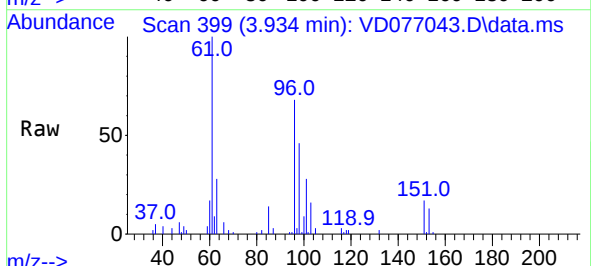
Tgt Ion: 59 Resp: 10752
Ion Ratio Lower Upper
59 100
57 5.7 7.8 11.8

Manual Integrations
APPROVED

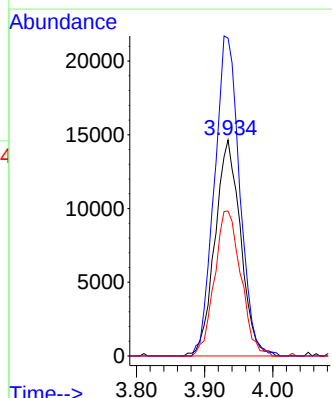
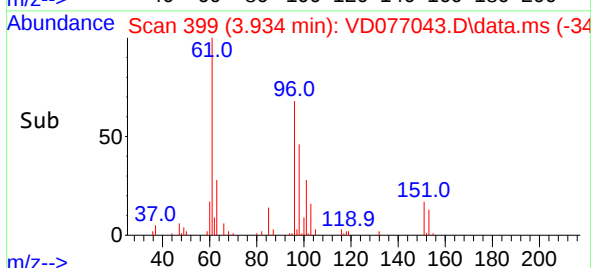
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

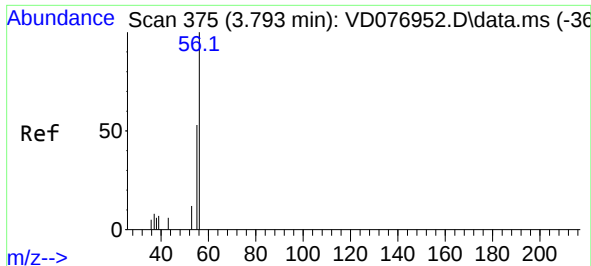


#12
1,1-Dichloroethene
Concen: 19.169 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04



Tgt Ion: 96 Resp: 38343
Ion Ratio Lower Upper
96 100
61 147.3 100.6 150.8
98 67.1 50.2 75.2





#13

Acrolein

Concen: 90.871 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD077043.D

Acq: 28 Aug 2023 16:04

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

Tgt Ion: 56 Resp: 1875

Ion Ratio Lower Upper

56 100

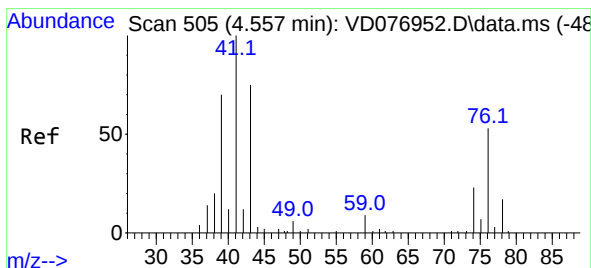
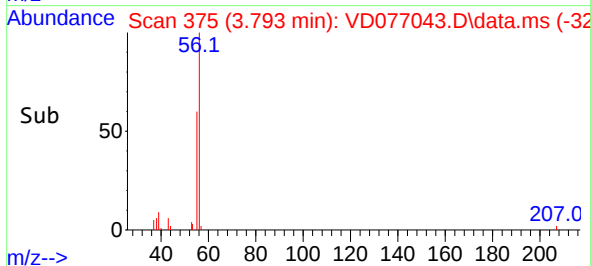
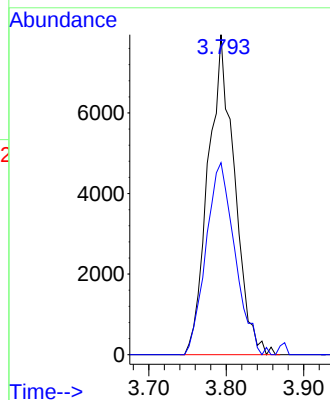
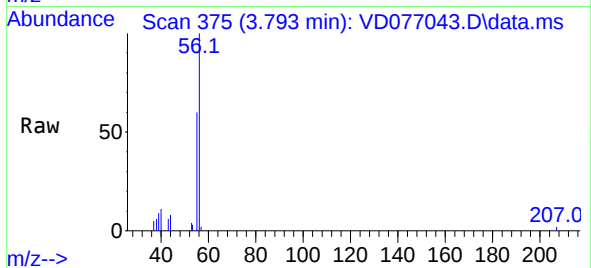
55 66.1 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2023

Supervised By :Mahesh Dadoda 08/29/2023



#14

Allyl chloride

Concen: 20.571 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.005 min

Lab File: VD077043.D

Acq: 28 Aug 2023 16:04

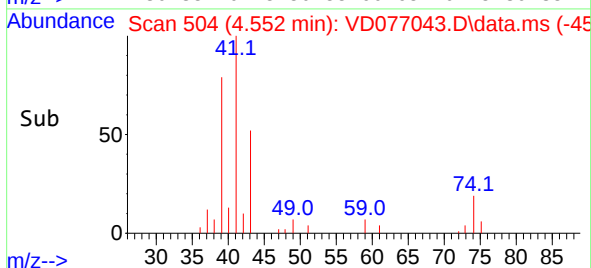
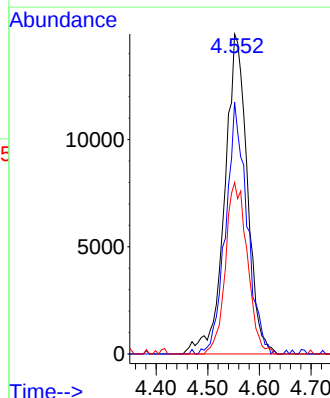
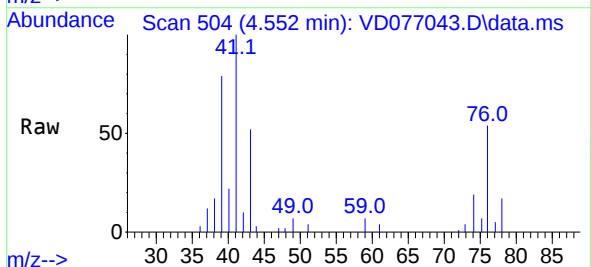
Tgt Ion: 41 Resp: 45392

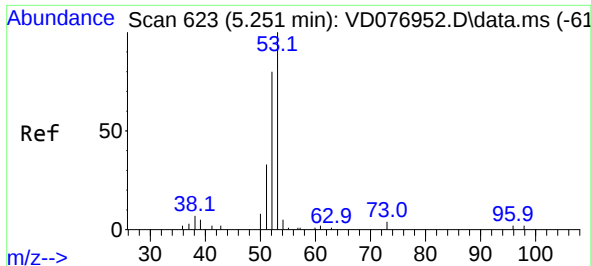
Ion Ratio Lower Upper

41 100

39 73.9 53.8 80.6

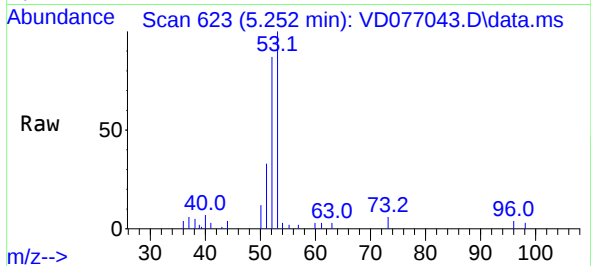
76 51.7 45.8 68.8





#15
Acrylonitrile
Concen: 98.198 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

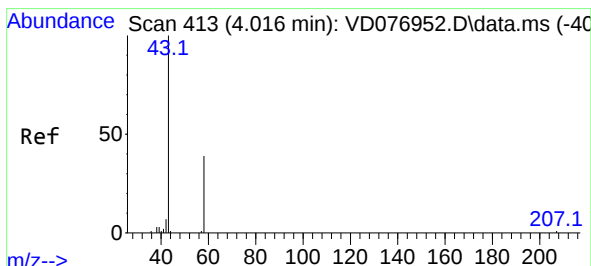
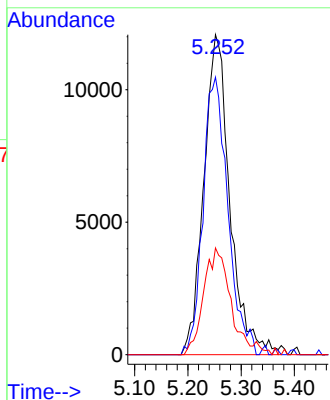
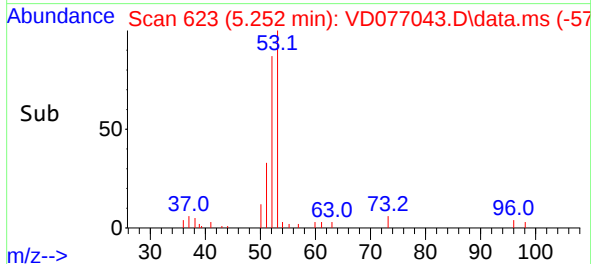
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01



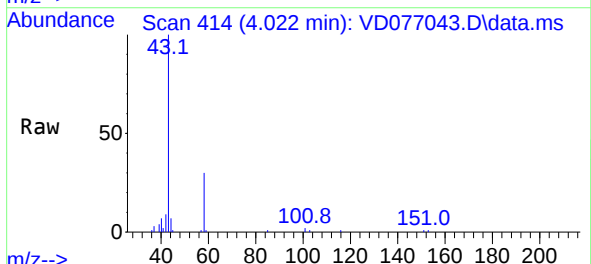
Tgt Ion: 53 Resp: 4108
Ion Ratio Lower Upper
53 100
52 82.6 65.0 97.4
51 33.9 28.3 42.5

Manual Integrations
APPROVED

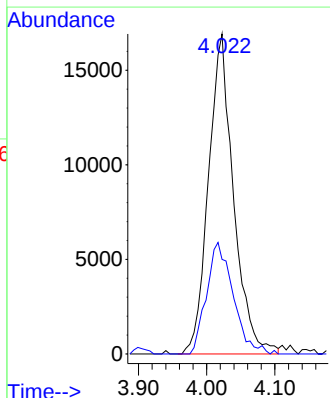
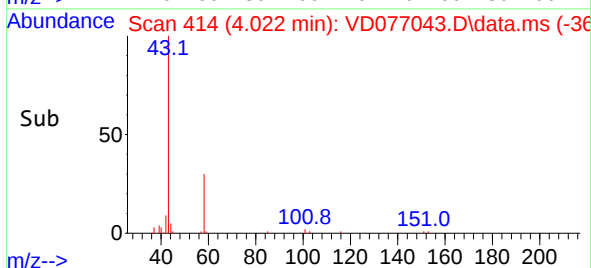
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

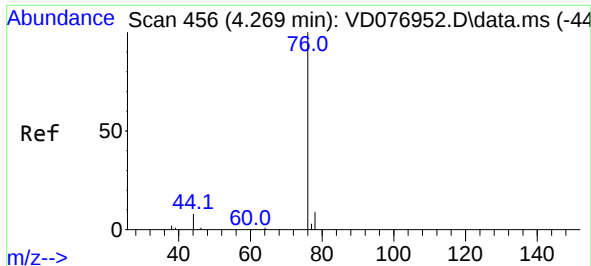


#16
Acetone
Concen: 103.339 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04



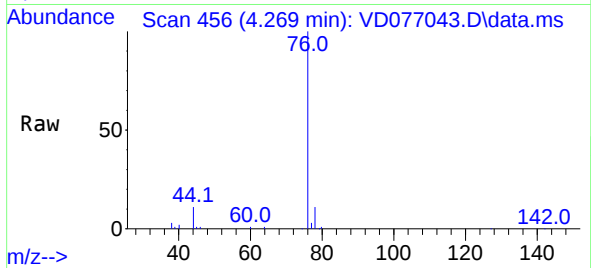
Tgt Ion: 43 Resp: 43301
Ion Ratio Lower Upper
43 100
58 29.6 34.7 52.1#





#17
Carbon Disulfide
Concen: 20.992 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

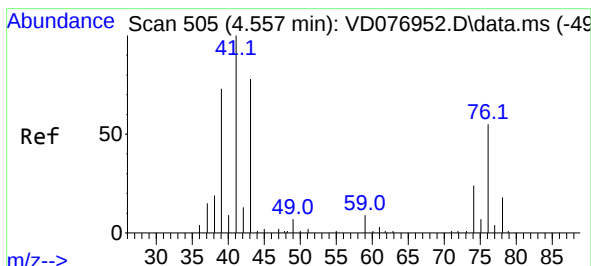
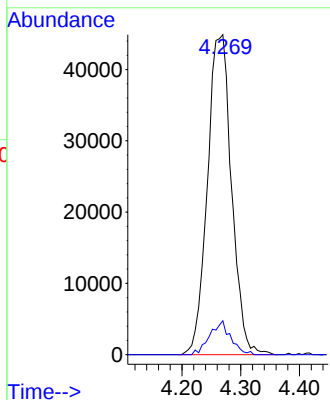
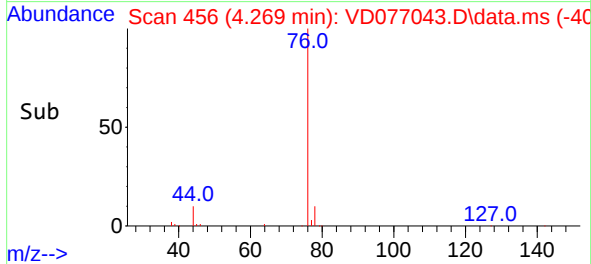
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01



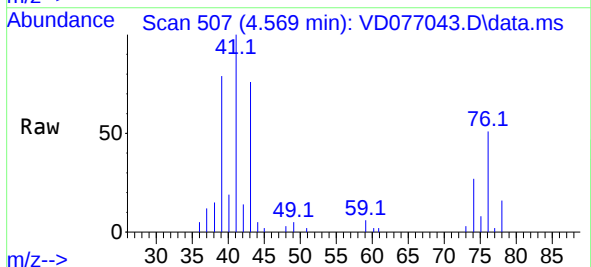
Tgt Ion: 76 Resp: 12814
Ion Ratio Lower Upper
76 100
78 10.6 6.8 10.2

Manual Integrations
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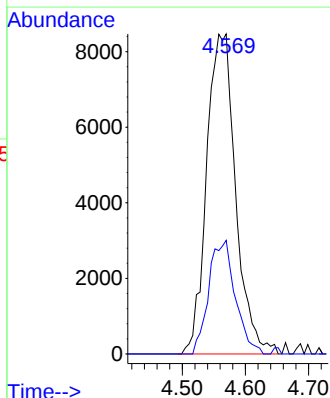
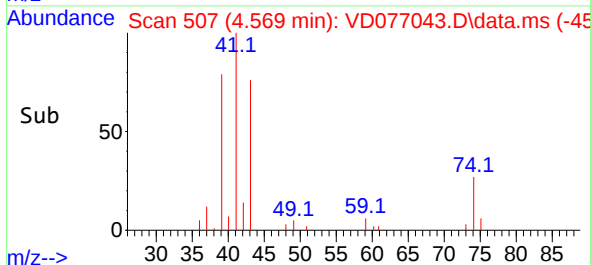
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

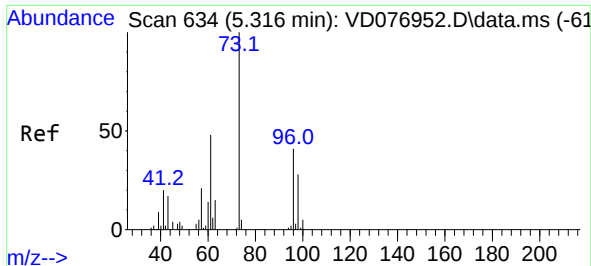


#18
Methyl Acetate
Concen: 19.095 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.012 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04



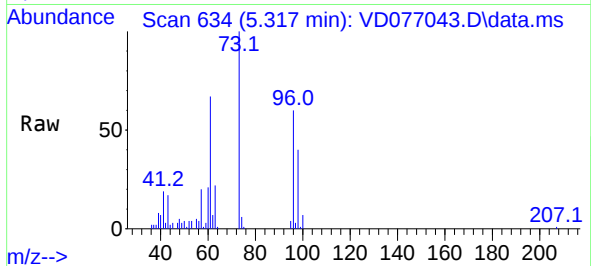
Tgt Ion: 43 Resp: 27072
Ion Ratio Lower Upper
43 100
74 32.4 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 19.175 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

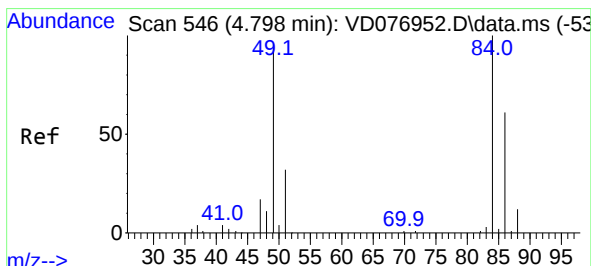
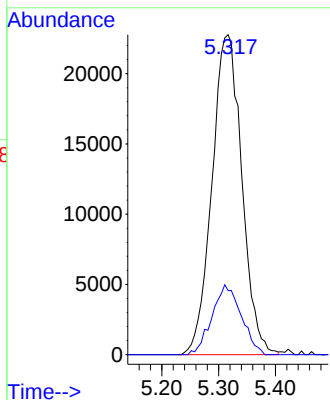
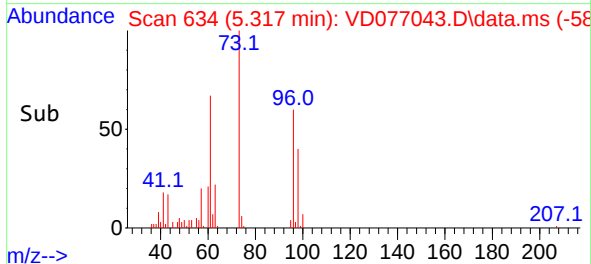
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01



Tgt Ion: 73 Resp: 83184
Ion Ratio Lower Upper
73 100
57 20.1 16.6 25.0

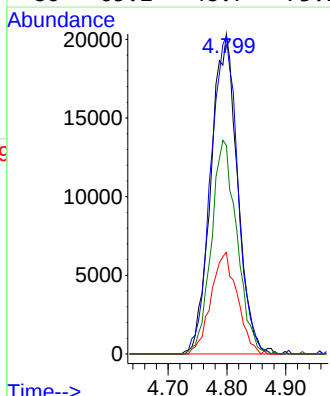
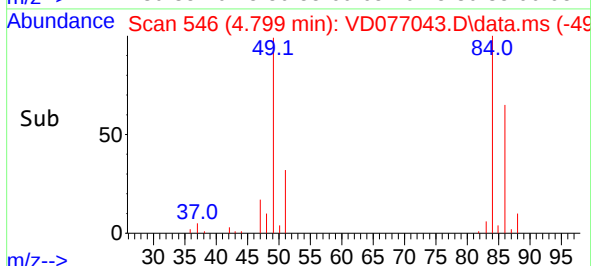
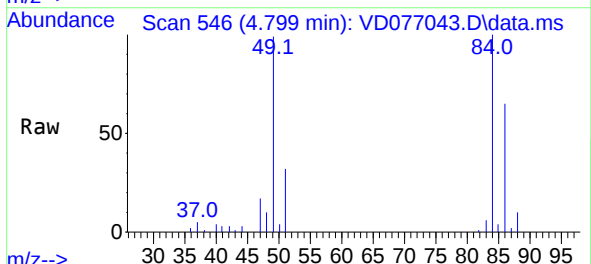
Manual Integrations
APPROVED

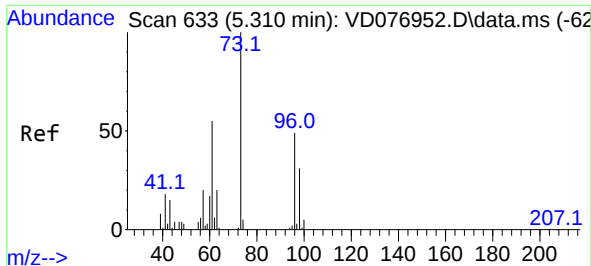
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#20
Methylene Chloride
Concen: 22.083 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

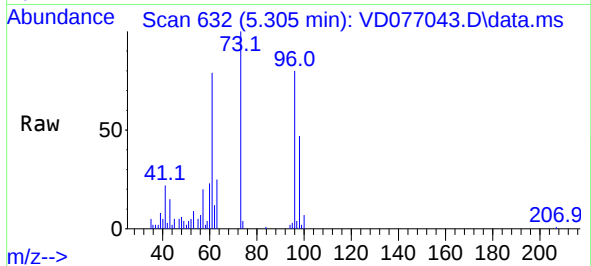
Tgt Ion: 84 Resp: 63800
Ion Ratio Lower Upper
84 100
49 99.3 71.4 107.2
51 31.8 24.5 36.7
86 65.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 20.815 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

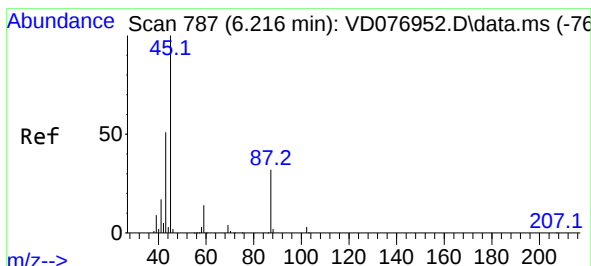
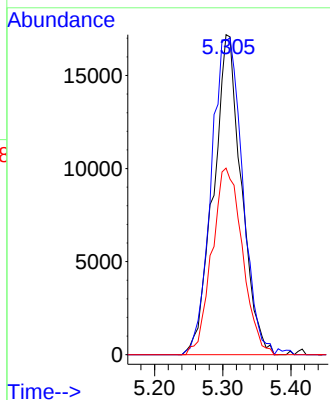
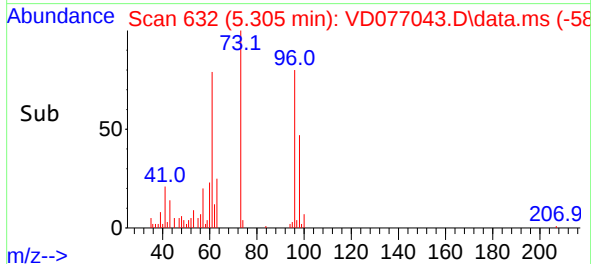
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01



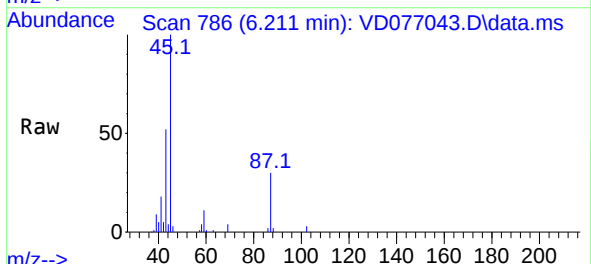
Tgt Ion: 96 Resp: 4904
Ion Ratio Lower Upper
96 100
61 98.1 89.3 133.9
98 58.3 48.6 73.0

Manual Integrations
APPROVED

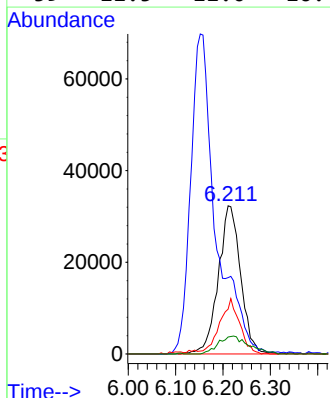
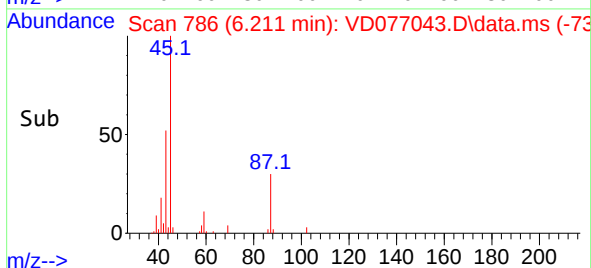
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

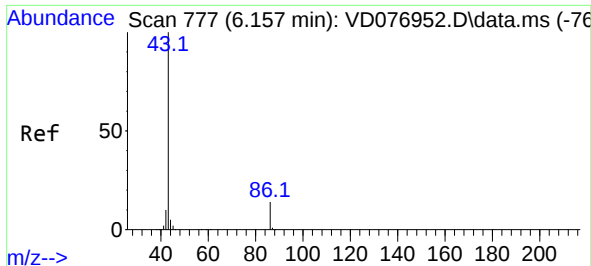


#22
Diisopropyl ether
Concen: 21.363 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04



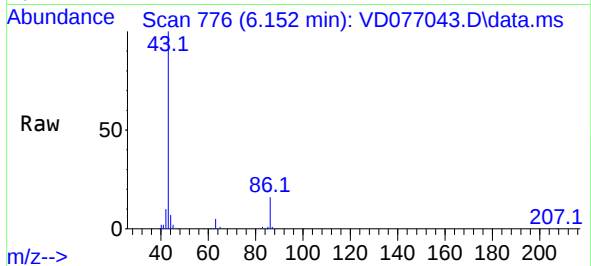
Tgt Ion: 45 Resp: 105600
Ion Ratio Lower Upper
45 100
43 50.1 40.0 60.0
87 30.3 28.2 42.4
59 11.5 11.0 16.4





#23
 Vinyl Acetate
 Concen: 104.015 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. -0.005 min
 Lab File: VD077043.D
 Acq: 28 Aug 2023 16:04

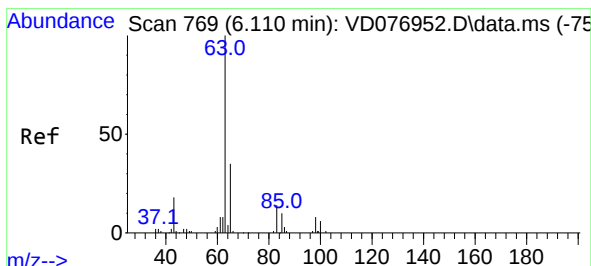
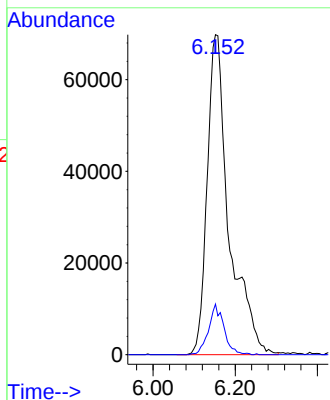
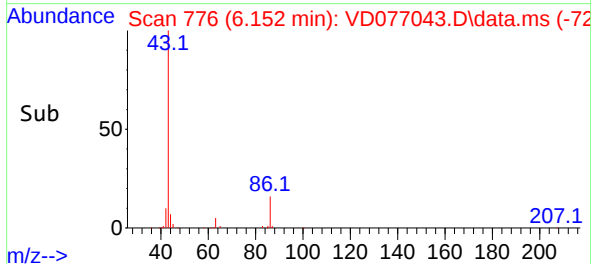
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01



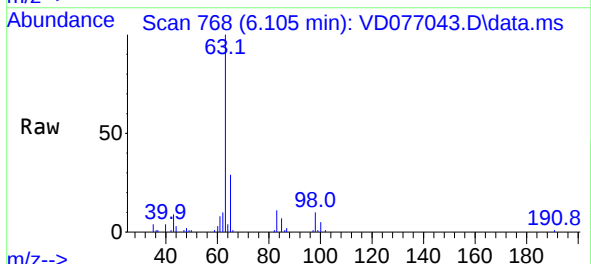
Tgt Ion: 43 Resp: 257550
 Ion Ratio Lower Upper
 43 100
 86 15.8 12.5 18.7

Manual Integrations
 APPROVED

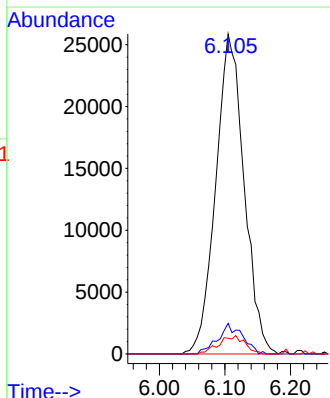
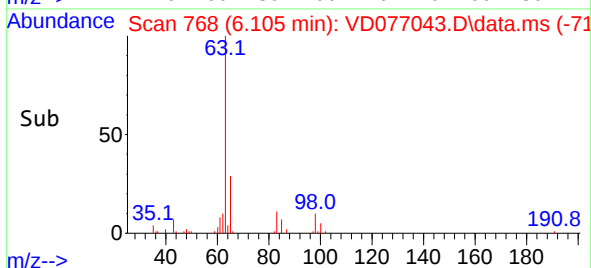
Reviewed By :Semsettin Yesilyurt 08/29/2023
 Supervised By :Mahesh Dadoda 08/29/2023

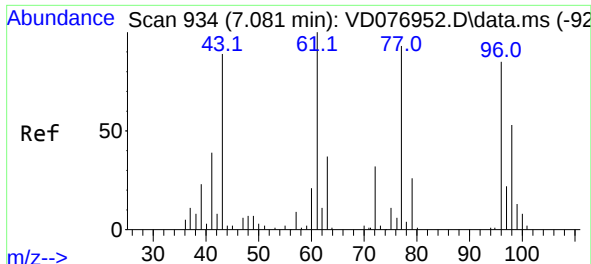


#24
 1,1-Dichloroethane
 Concen: 20.901 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.005 min
 Lab File: VD077043.D
 Acq: 28 Aug 2023 16:04



Tgt Ion: 63 Resp: 77561
 Ion Ratio Lower Upper
 63 100
 98 9.5 4.5 13.7
 100 4.9 2.5 7.5





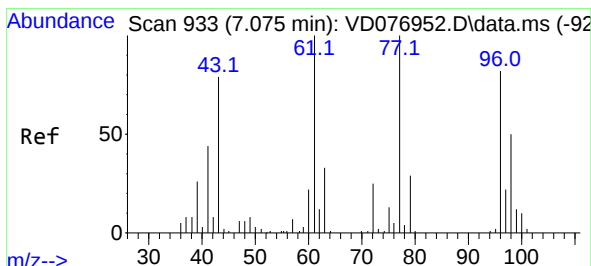
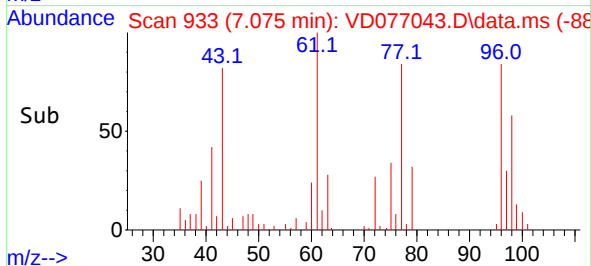
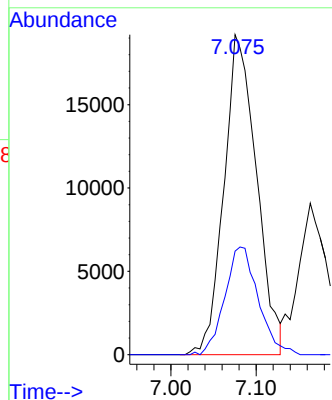
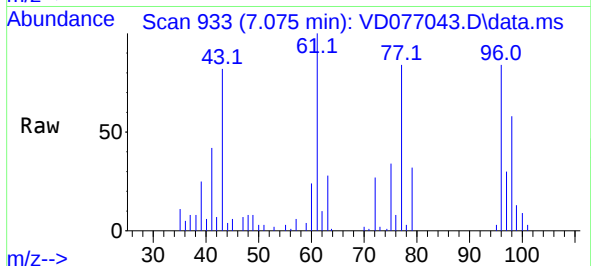
#25
2-Butanone
Concen: 97.164 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tgt Ion: 43 Resp: 5101
Ion Ratio Lower Upper
43 100
72 32.4 30.7 46.1

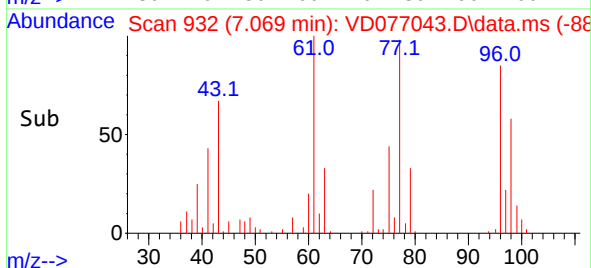
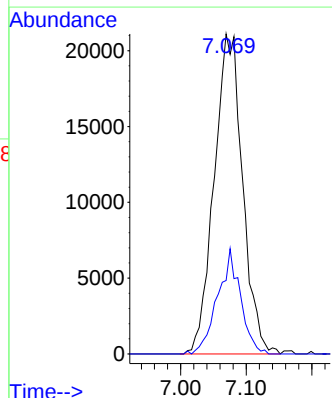
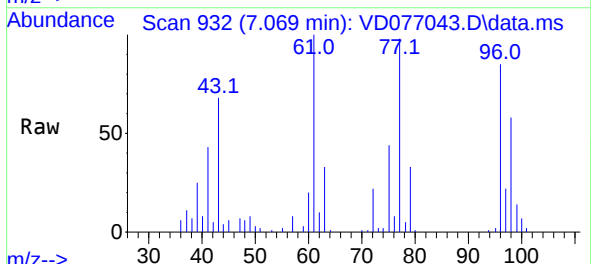
Manual Integrations
APPROVED

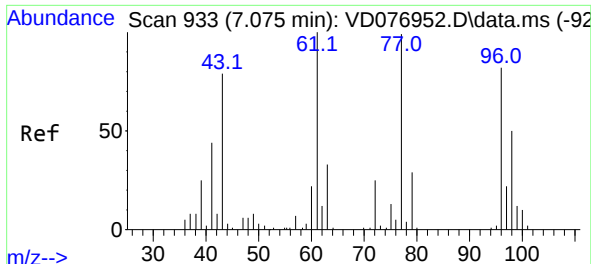
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#26
2,2-Dichloropropane
Concen: 19.245 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

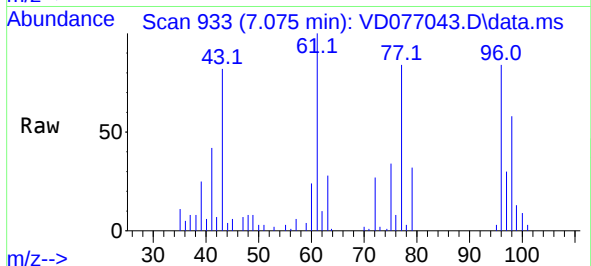
Tgt Ion: 77 Resp: 63558
Ion Ratio Lower Upper
77 100
97 26.4 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 20.771 ug/l
RT: 7.075 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

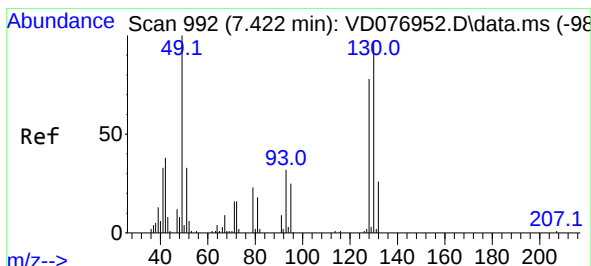
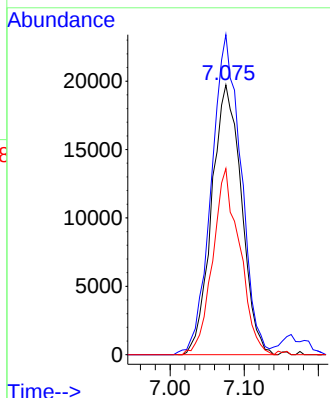
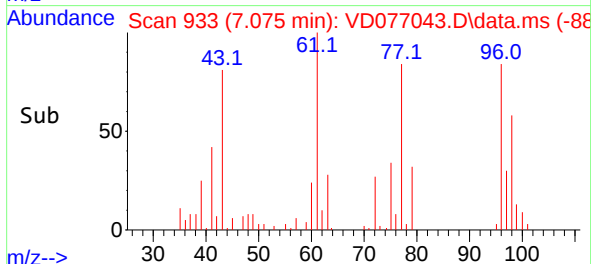
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01



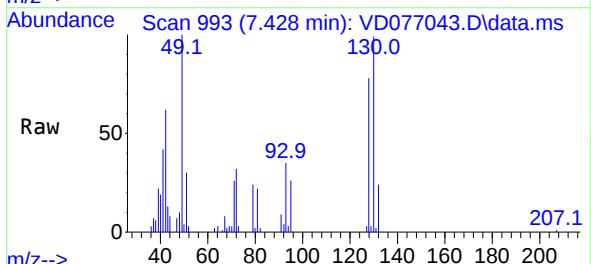
Tgt Ion: 96 Resp: 54979
Ion Ratio Lower Upper
96 100
61 118.2 0.0 239.2
98 62.5 0.0 128.6

Manual Integrations
APPROVED

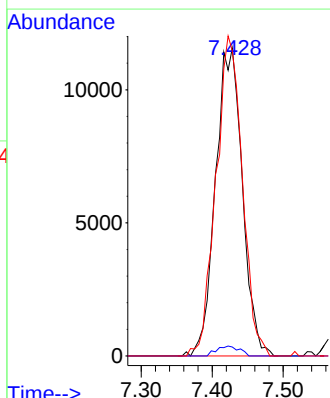
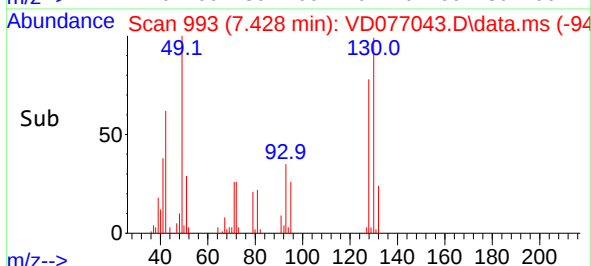
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

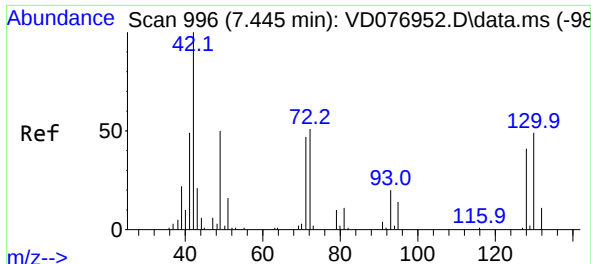


#28
Bromochloromethane
Concen: 22.914 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04



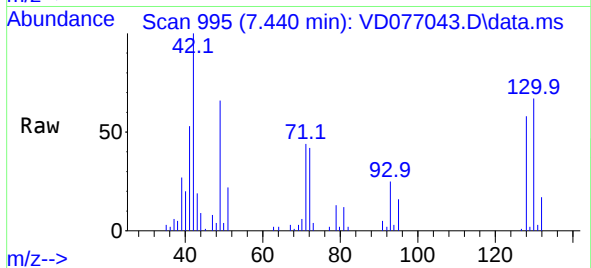
Tgt Ion: 49 Resp: 30373
Ion Ratio Lower Upper
49 100
129 2.7 0.0 6.0
130 101.9 83.2 124.8





#29
Tetrahydrofuran
Concen: 102.898 ug/l
RT: 7.440 min Scan# 995
Delta R.T. -0.005 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

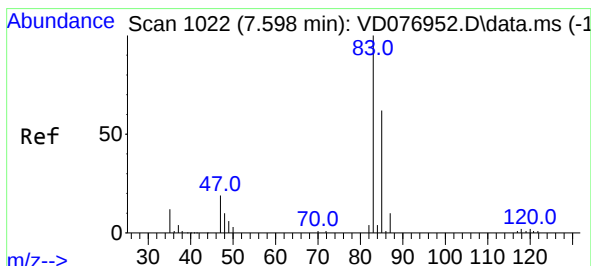
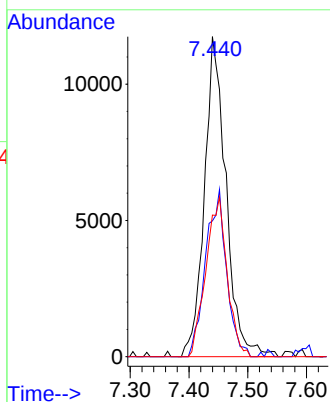
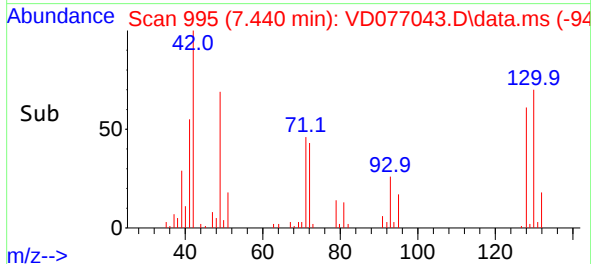
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01



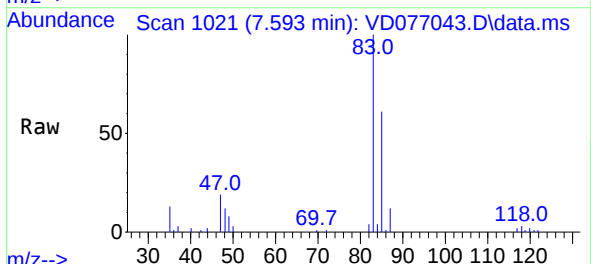
Tgt Ion: 42 Resp: 3000
Ion Ratio Lower Upper
42 100
72 50.3 46.5 69.7
71 49.1 44.5 66.7

Manual Integrations
APPROVED

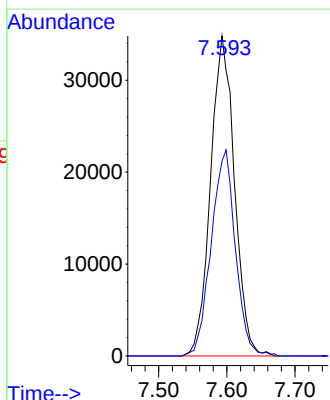
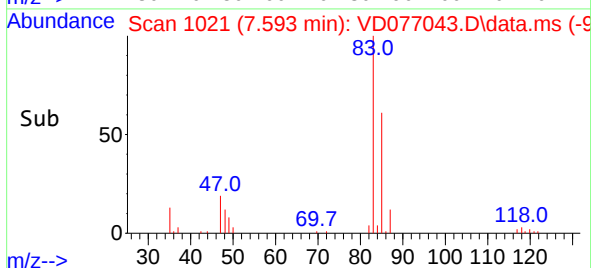
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

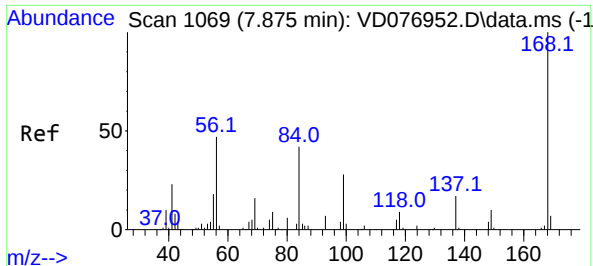


#30
Chloroform
Concen: 20.459 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.005 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04



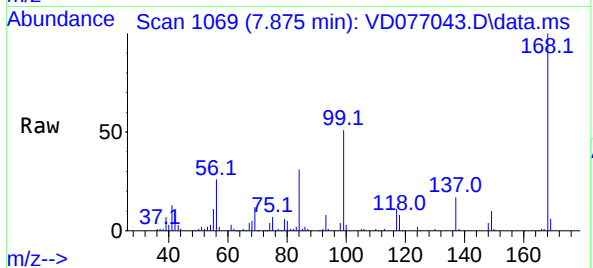
Tgt Ion: 83 Resp: 85051
Ion Ratio Lower Upper
83 100
85 60.9 53.4 80.2





#31
Cyclohexane
Concen: 19.876 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

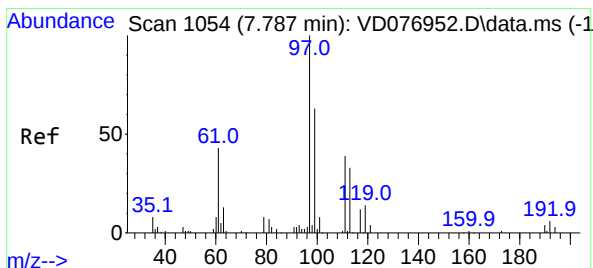
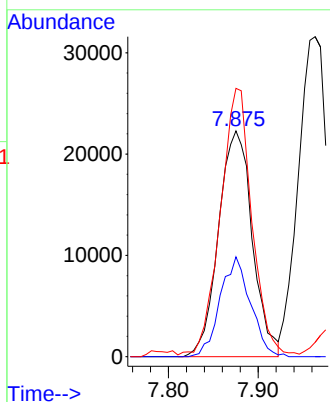
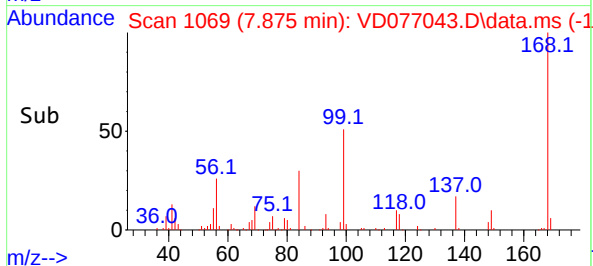
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01



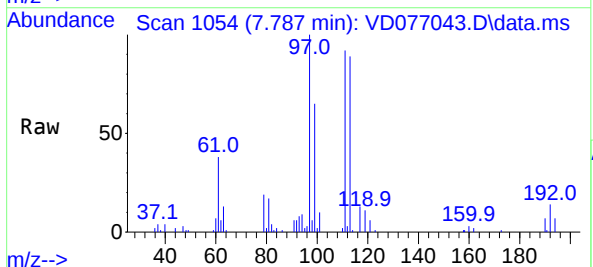
Tgt Ion: 56 Resp: 58374
Ion Ratio Lower Upper
56 100
69 44.2 28.6 43.0
84 118.0 84.8 127.2

Manual Integrations
APPROVED

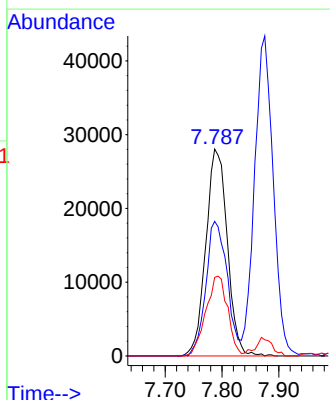
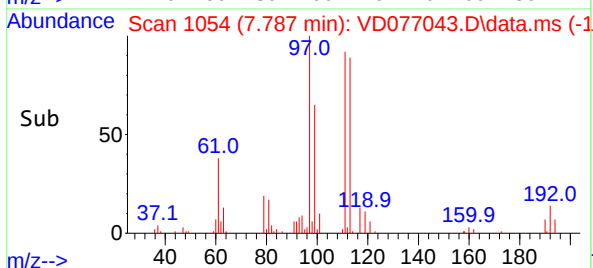
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

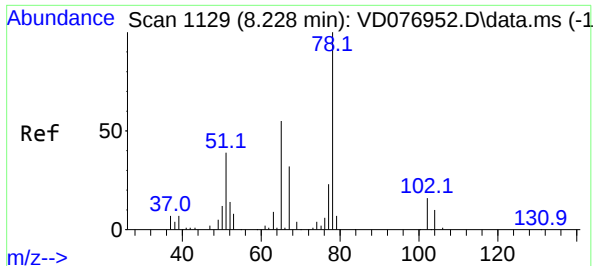


#32
1,1,1-Trichloroethane
Concen: 20.370 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04



Tgt Ion: 97 Resp: 73499
Ion Ratio Lower Upper
97 100
99 65.2 52.0 78.0
61 39.1 33.8 50.8





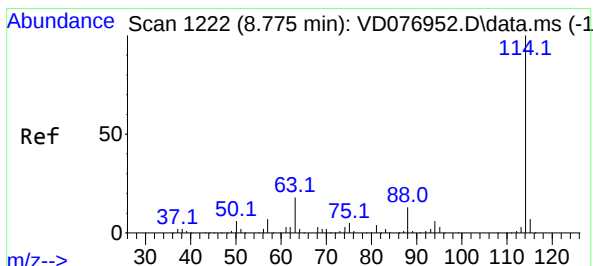
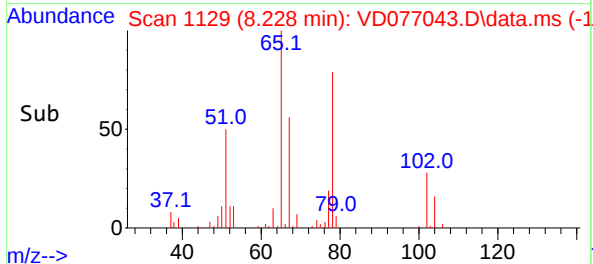
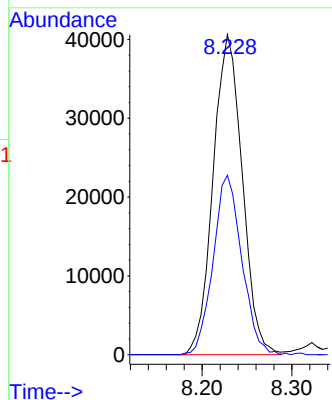
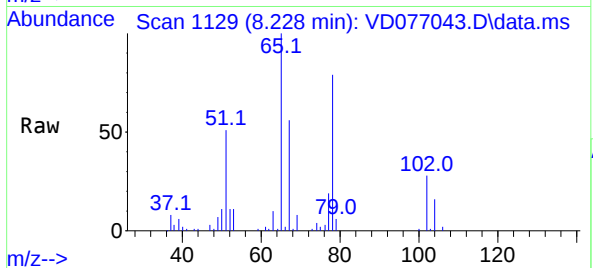
#33
1,2-Dichloroethane-d4
Concen: 49.809 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tgt Ion: 65 Resp: 9156
Ion Ratio Lower Upper
65 100
67 55.0 0.0 115.0

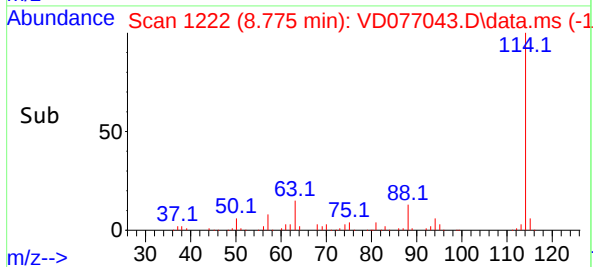
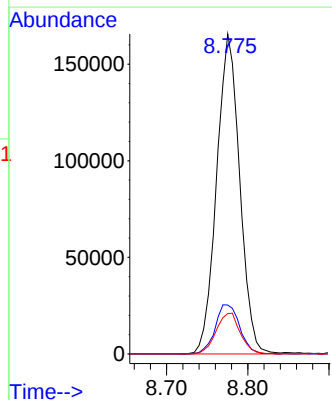
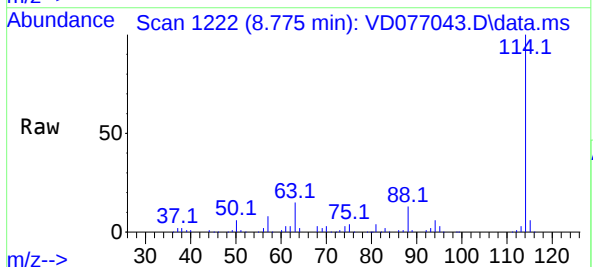
Manual Integrations
APPROVED

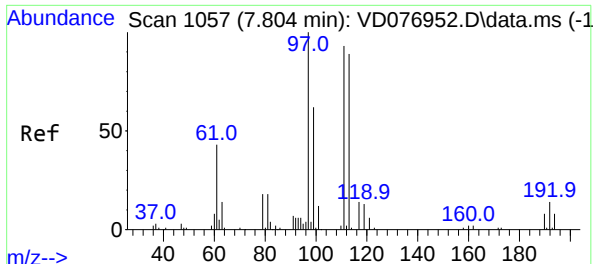
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

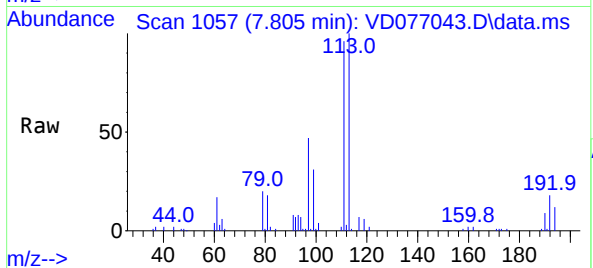
Tgt Ion:114 Resp: 327543
Ion Ratio Lower Upper
114 100
63 15.3 0.0 33.4
88 12.6 0.0 26.2





#35
Dibromofluoromethane
Concen: 47.258 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

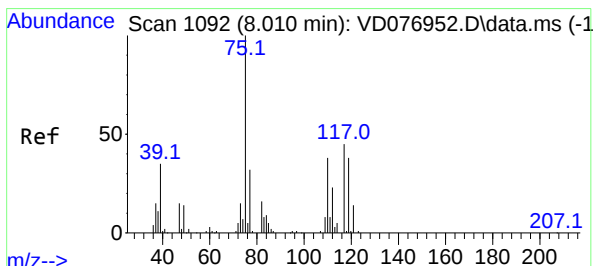
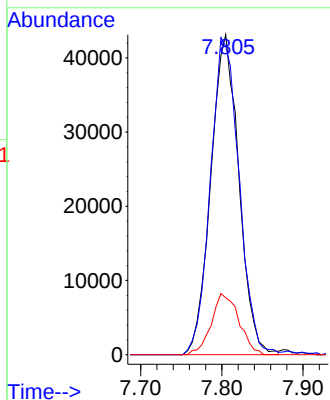
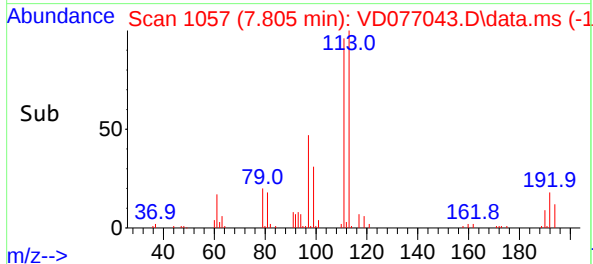
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01



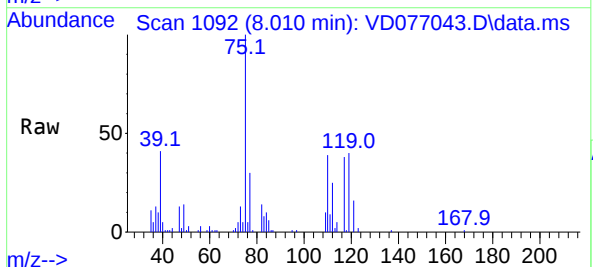
Tgt Ion:113 Resp: 10341
Ion Ratio Lower Upper
113 100
111 101.4 84.7 127.1
192 18.8 16.8 25.2

Manual Integrations
APPROVED

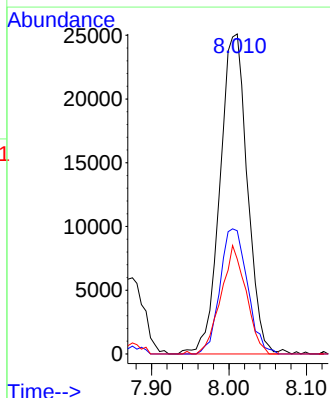
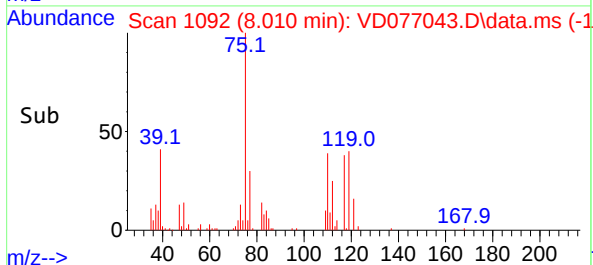
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

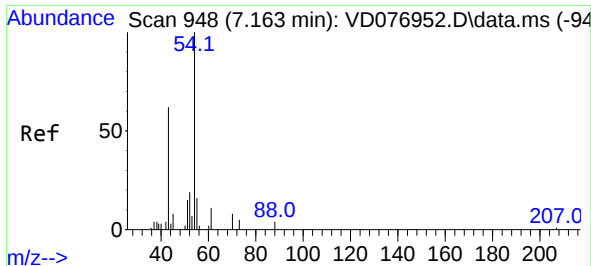


#36
1,1-Dichloropropene
Concen: 19.730 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04



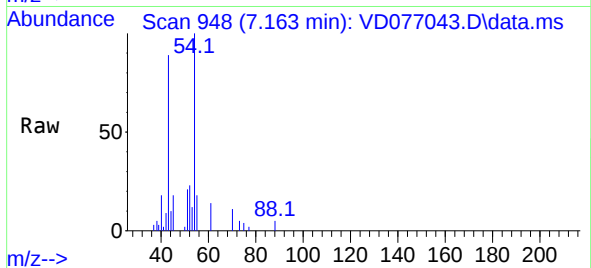
Tgt Ion: 75 Resp: 61504
Ion Ratio Lower Upper
75 100
110 39.3 19.9 59.6
77 31.2 24.7 37.1





#37
Ethyl Acetate
Concen: 18.913 ug/l
RT: 7.163 min Scan# 948
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

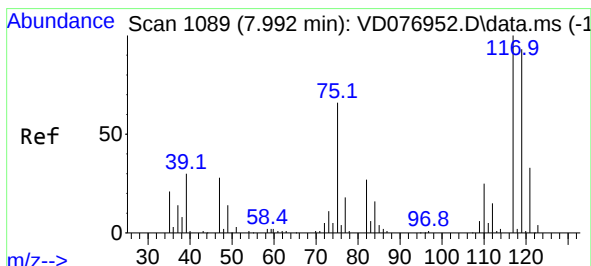
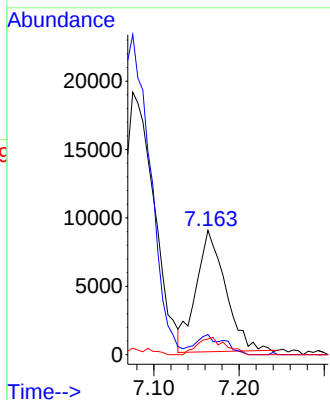
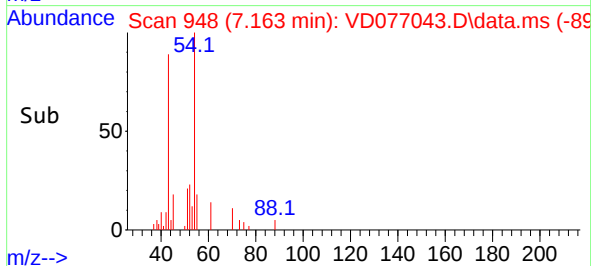
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01



Tgt Ion: 43 Resp: 2126
Ion Ratio Lower Upper
43 100
61 16.2 14.9 22.3
70 13.7 10.0 15.0

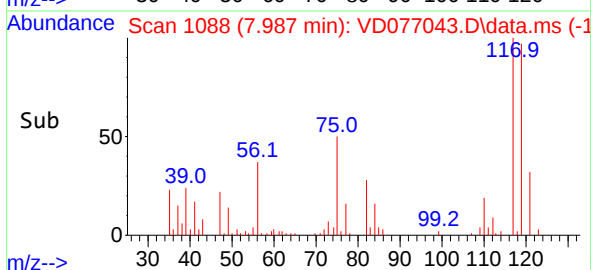
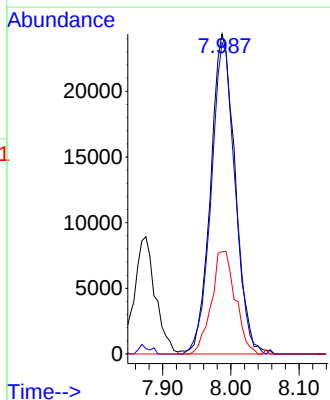
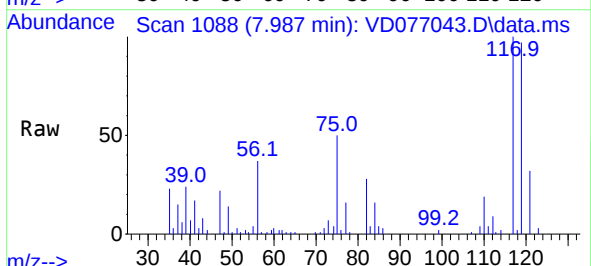
Manual Integrations
APPROVED

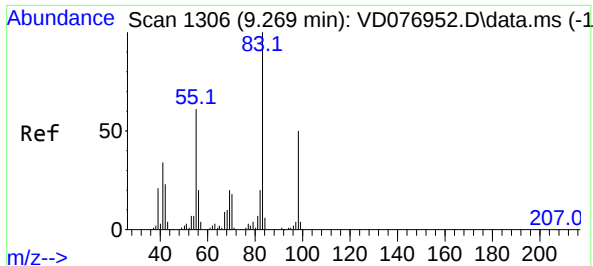
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#38
Carbon Tetrachloride
Concen: 19.306 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.005 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

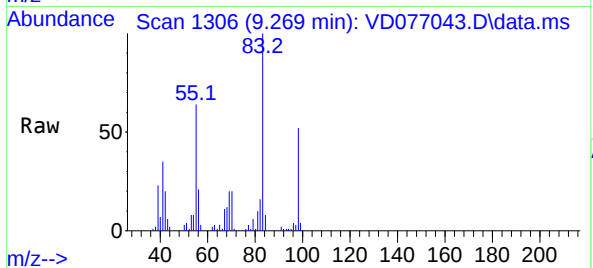
Tgt Ion:117 Resp: 60847
Ion Ratio Lower Upper
117 100
119 97.3 78.0 117.0
121 31.9 24.2 36.2





#39
Methylcyclohexane
Concen: 18.963 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

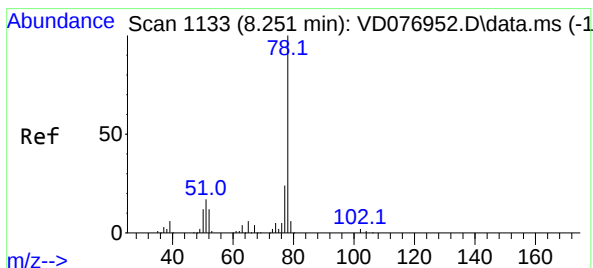
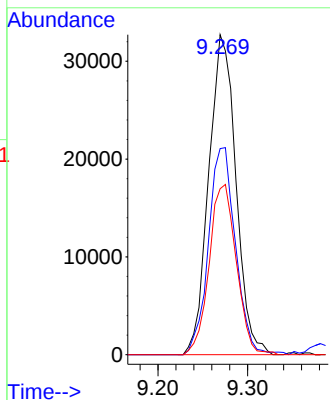
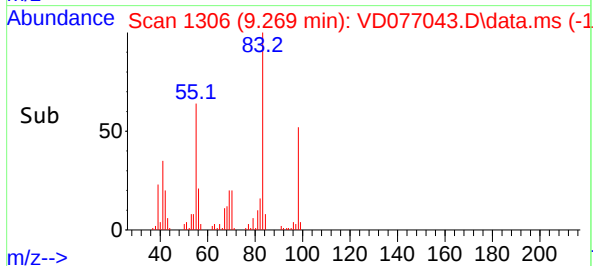
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01



Tgt Ion: 83 Resp: 6871
Ion Ratio Lower Upper
83 100
55 64.4 49.4 74.0
98 51.9 38.4 57.6

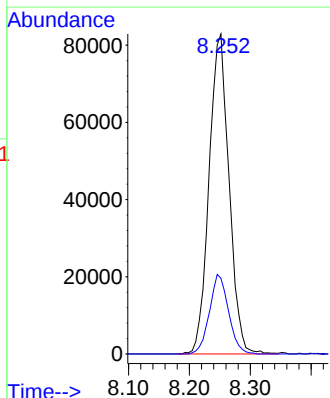
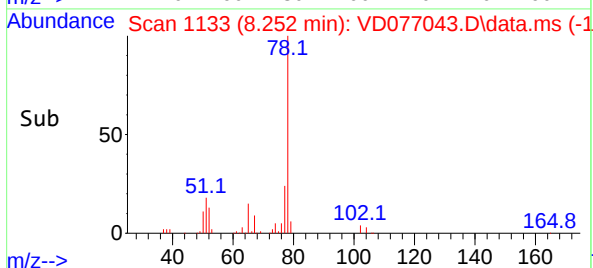
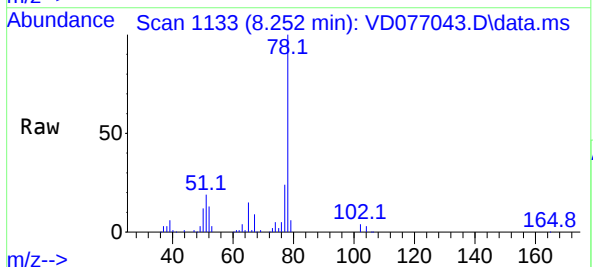
Manual Integrations
APPROVED

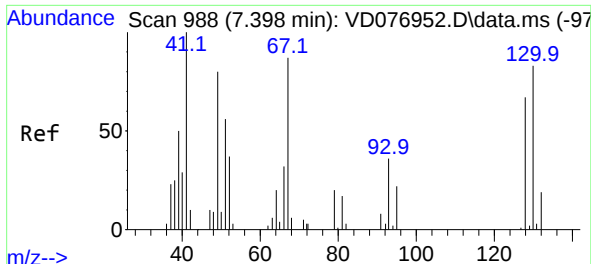
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#40
Benzene
Concen: 20.162 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

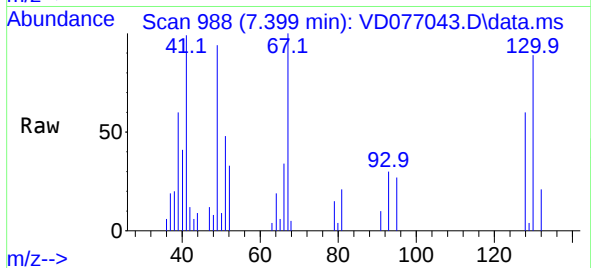
Tgt Ion: 78 Resp: 188734
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0





#41
Methacrylonitrile
Concen: 18.435 ug/l
RT: 7.399 min Scan# 914
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

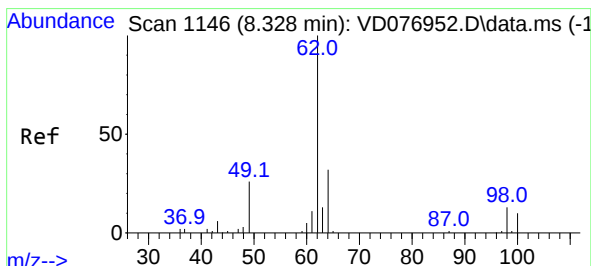
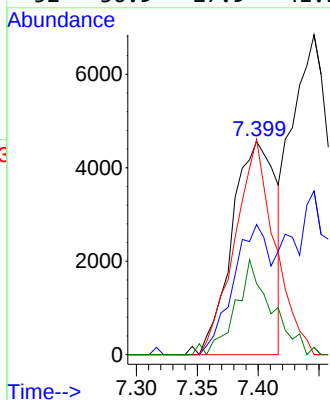
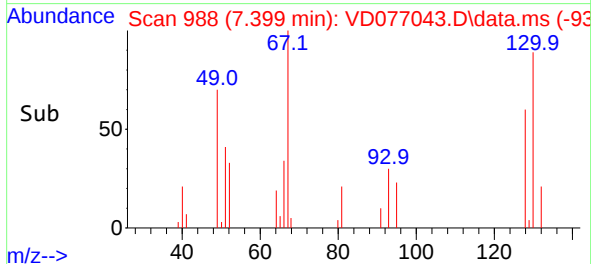
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01



Tgt Ion: 41 Resp: 11429
Ion Ratio Lower Upper
41 100
39 50.3 34.0 51.0
67 92.2 77.0 115.4
52 36.9 27.9 41.9

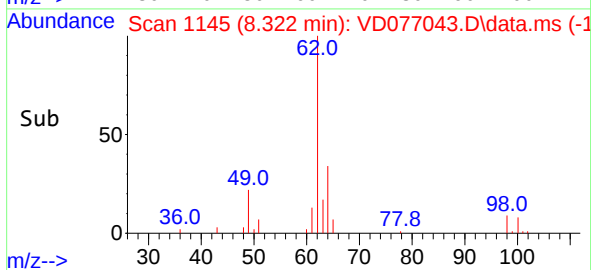
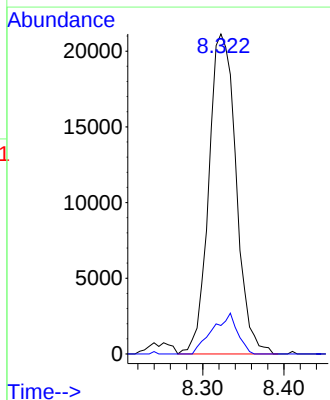
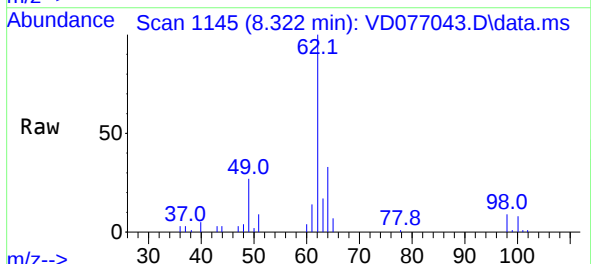
Manual Integrations
APPROVED

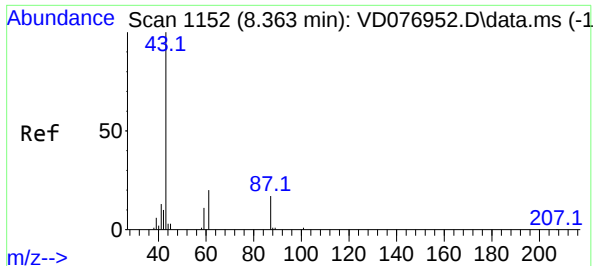
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#42
1,2-Dichloroethane
Concen: 20.394 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

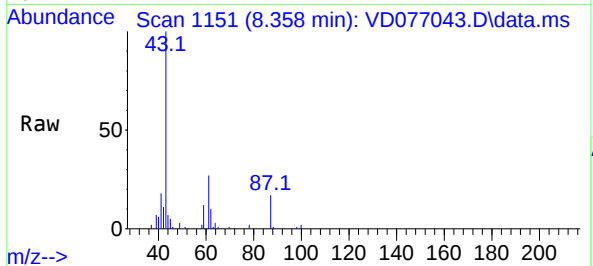
Tgt Ion: 62 Resp: 49334
Ion Ratio Lower Upper
62 100
98 11.7 0.0 25.4





#43
Isopropyl Acetate
Concen: 18.789 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. -0.005 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

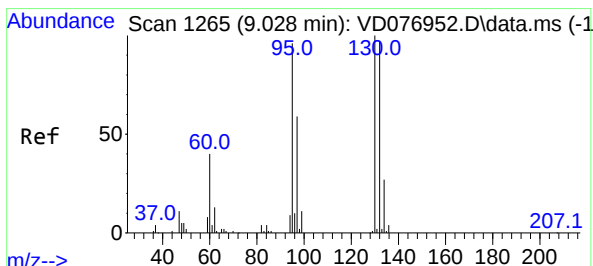
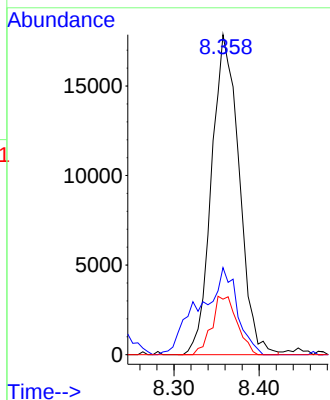
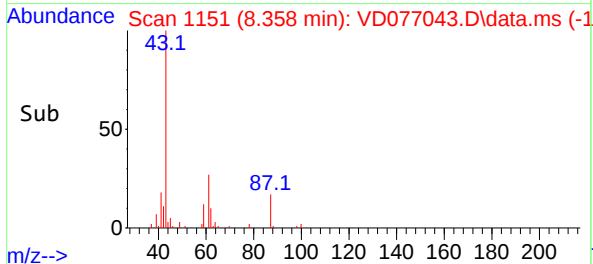
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01



Tgt Ion: 43 Resp: 4013
Ion Ratio Lower Upper
43 100
61 37.2 31.4 47.0
87 16.8 14.9 22.3

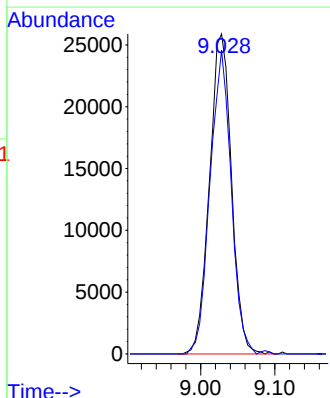
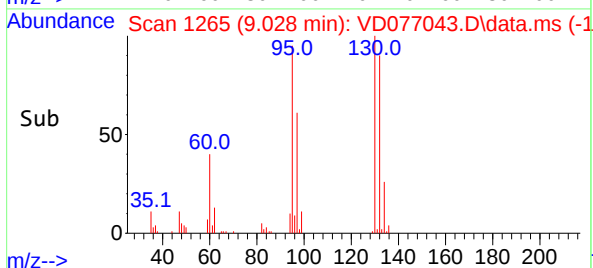
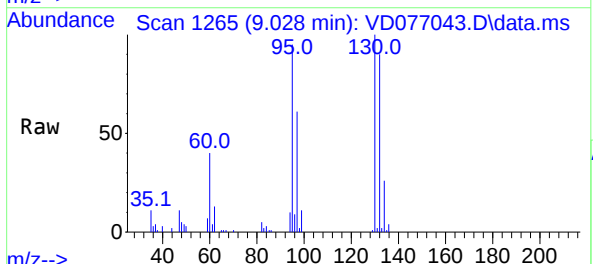
Manual Integrations
APPROVED

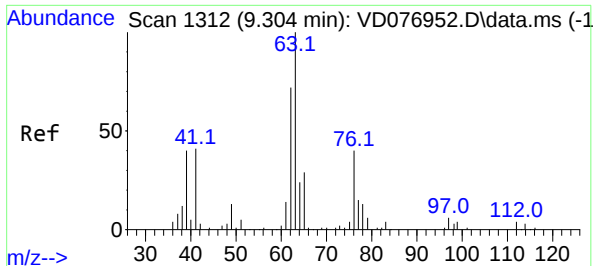
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#44
Trichloroethene
Concen: 20.009 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Tgt Ion:130 Resp: 53373
Ion Ratio Lower Upper
130 100
95 94.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.164 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD077043.D

Acq: 28 Aug 2023 16:04

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

Tgt Ion: 63 Resp: 4465

Ion Ratio Lower Upper

63 100

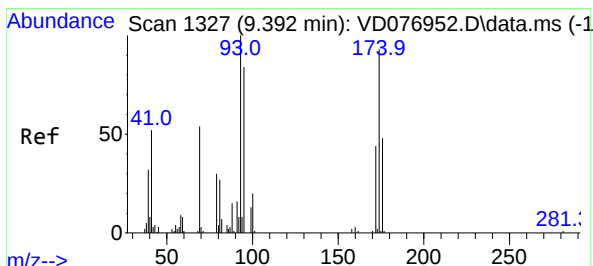
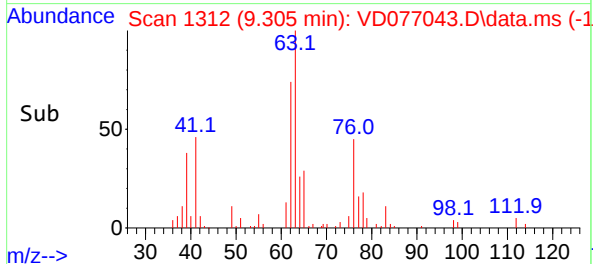
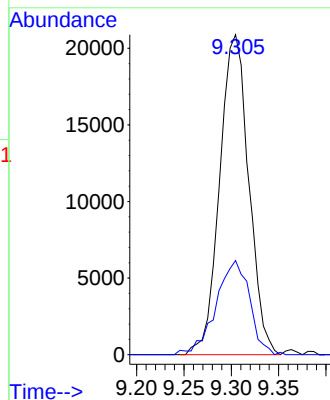
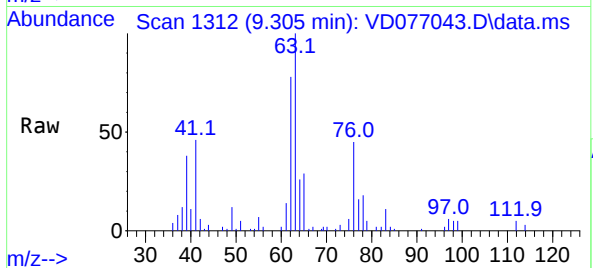
65 28.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2023

Supervised By :Mahesh Dadoda 08/29/2023



#46

Dibromomethane

Concen: 19.068 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.001 min

Lab File: VD077043.D

Acq: 28 Aug 2023 16:04

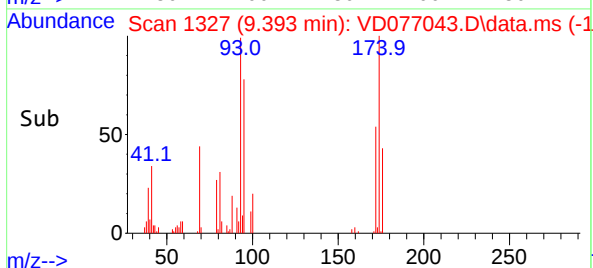
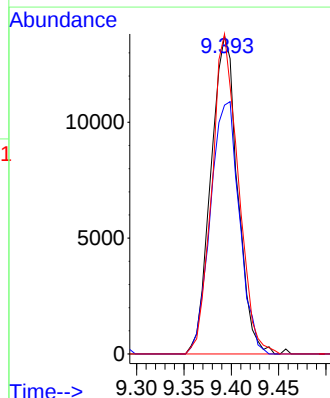
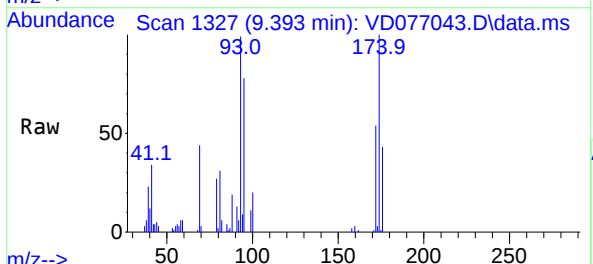
Tgt Ion: 93 Resp: 26884

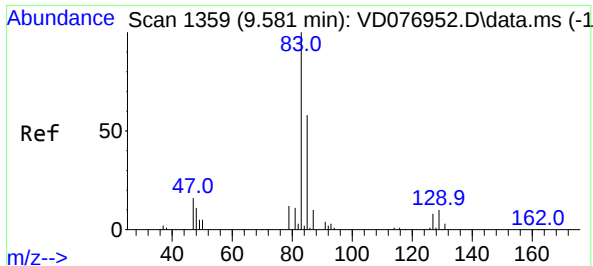
Ion Ratio Lower Upper

93 100

95 85.9 67.7 101.5

174 99.6 85.4 128.2





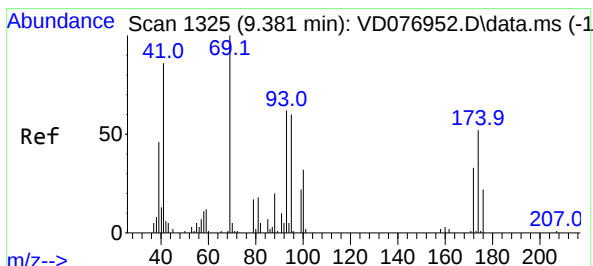
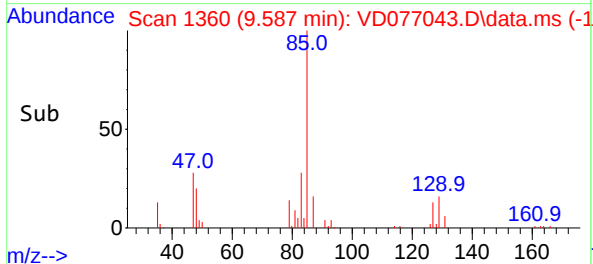
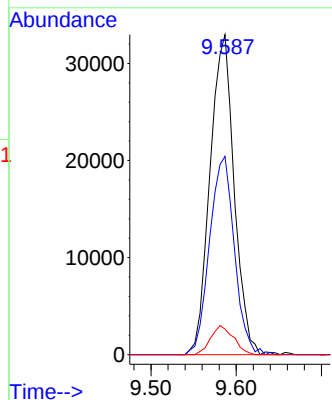
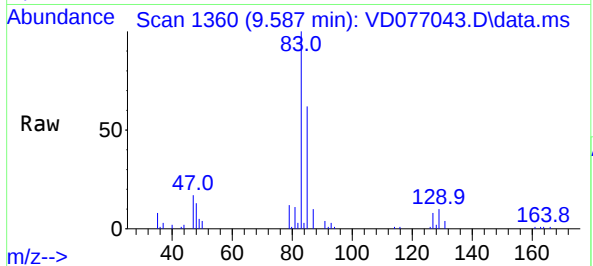
#47
Bromodichloromethane
Concen: 19.782 ug/l
RT: 9.587 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

Tgt Ion: 83 Resp: 6511
Ion Ratio Lower Upper
83 100
85 61.9 50.2 75.4
127 8.0 6.3 9.5

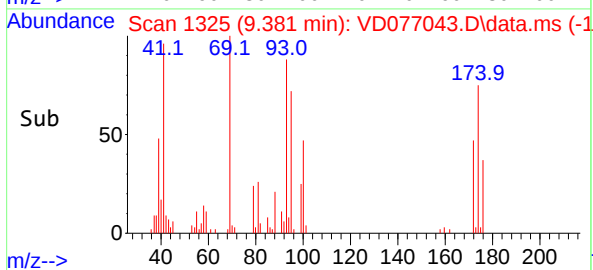
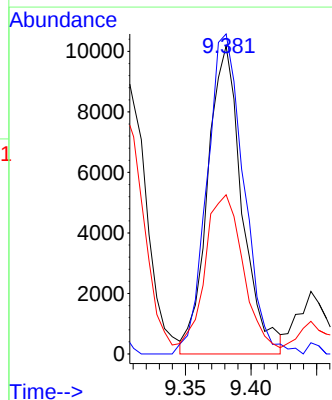
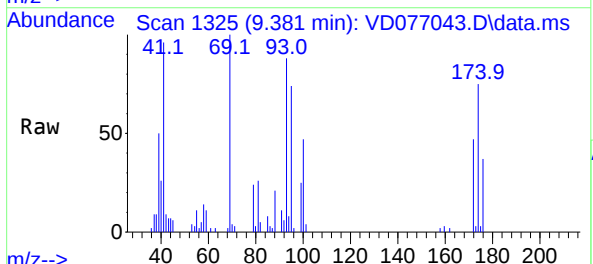
Manual Integrations
APPROVED

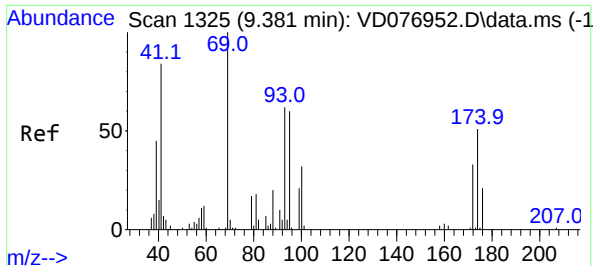
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#48
Methyl methacrylate
Concen: 19.470 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Tgt Ion: 41 Resp: 18641
Ion Ratio Lower Upper
41 100
69 110.6 102.2 153.2
39 54.4 41.4 62.2





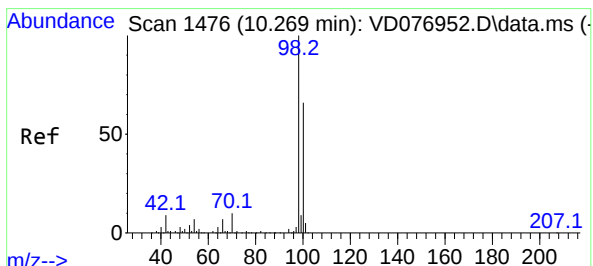
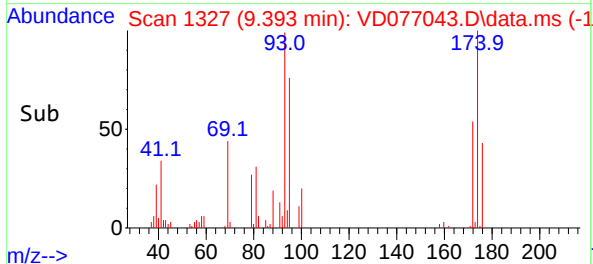
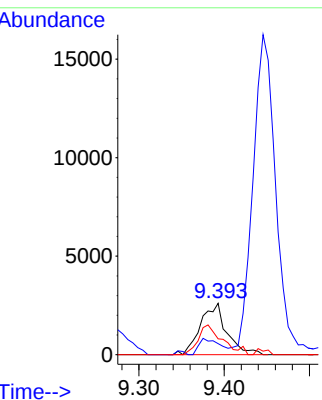
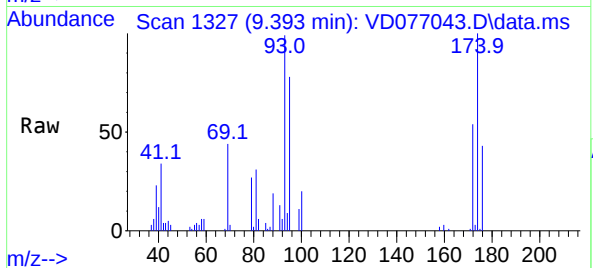
#49
1,4-Dioxane
Concen: 368.252 ug/l
RT: 9.393 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

Tgt Ion: 88 Resp: 556
Ion Ratio Lower Upper
88 100
43 25.2 19.0 28.6
58 53.2 43.5 65.3

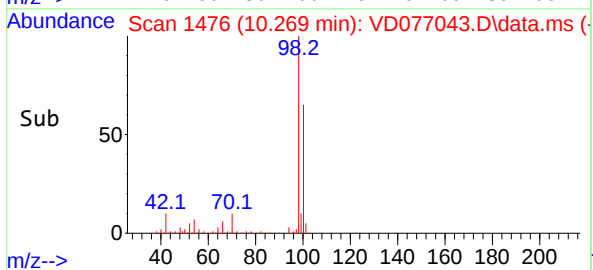
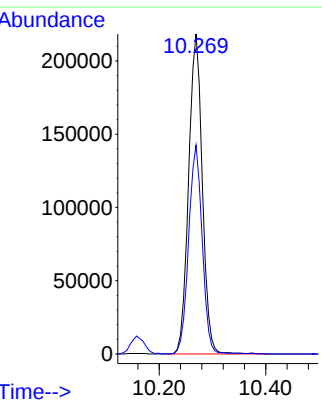
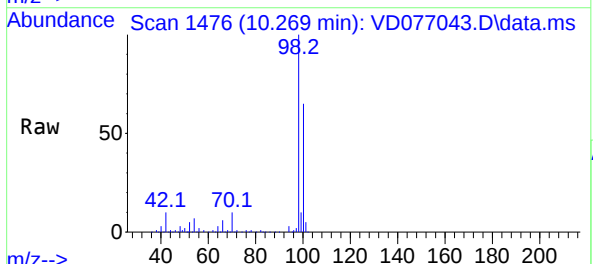
Manual Integrations
APPROVED

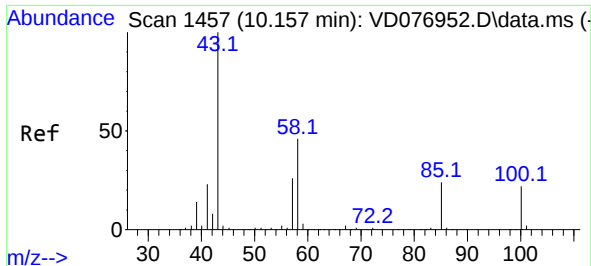
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#50
Toluene-d8
Concen: 49.205 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Tgt Ion: 98 Resp: 389525
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5





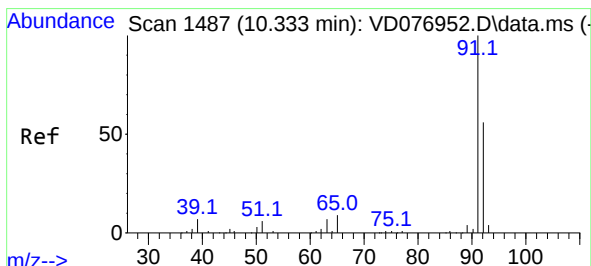
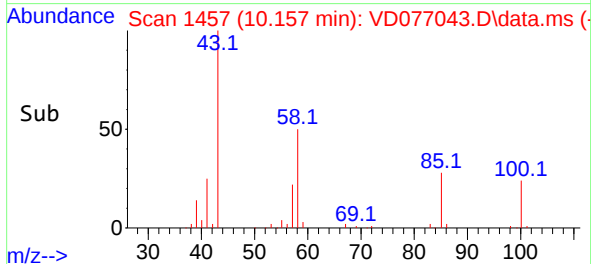
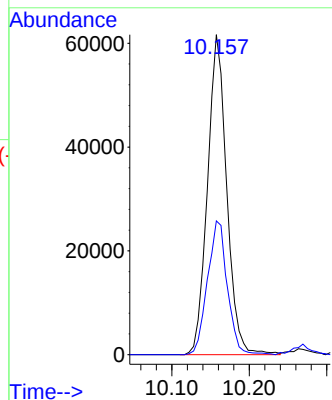
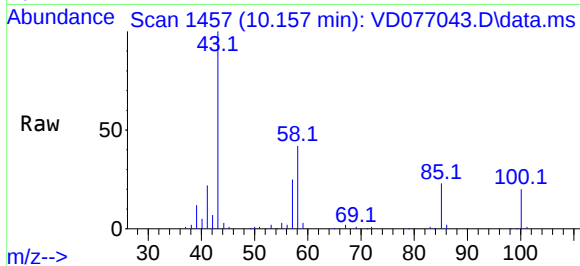
#51
4-Methyl-2-Pentanone
Concen: 96.781 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

Tgt Ion: 43 Resp: 10635
Ion Ratio Lower Upper
43 100
58 43.1 38.9 58.3

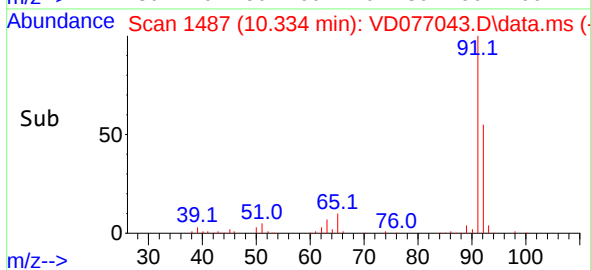
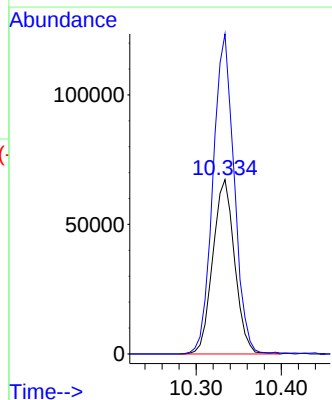
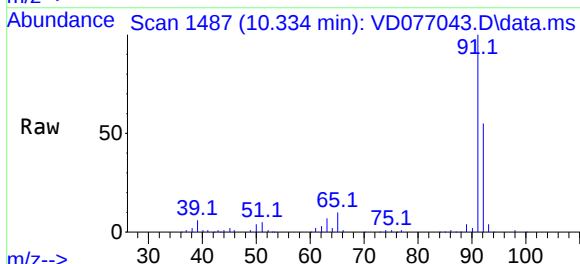
Manual Integrations
APPROVED

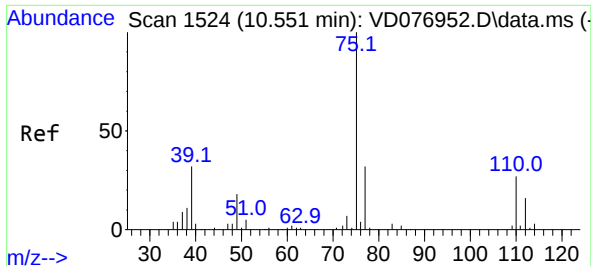
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#52
Toluene
Concen: 19.886 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

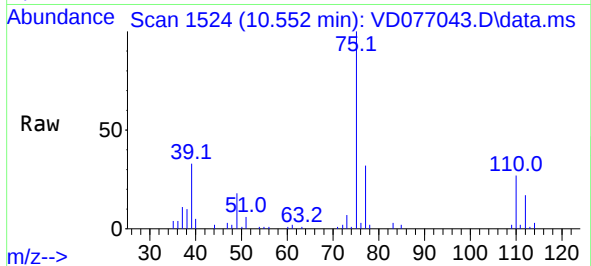
Tgt Ion: 92 Resp: 119961
Ion Ratio Lower Upper
92 100
91 178.3 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 19.584 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

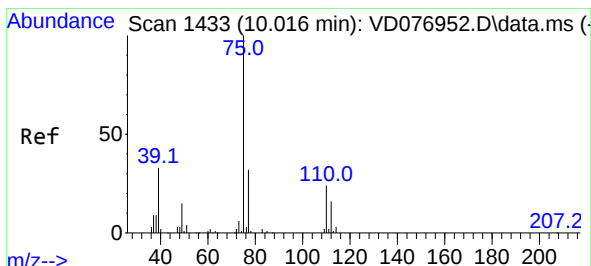
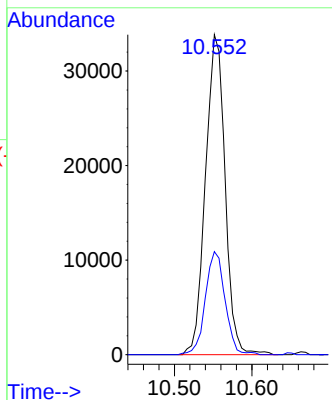
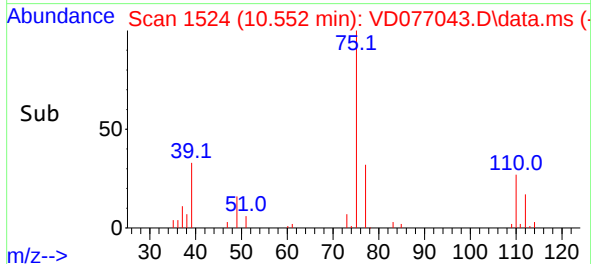
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01



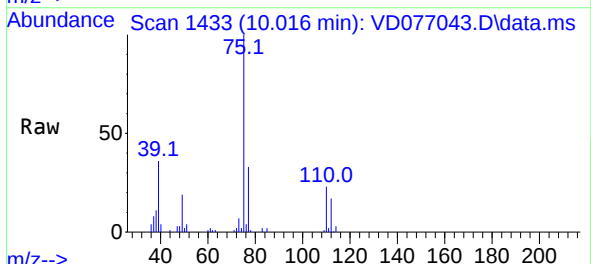
Tgt Ion: 75 Resp: 5961
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9

Manual Integrations
APPROVED

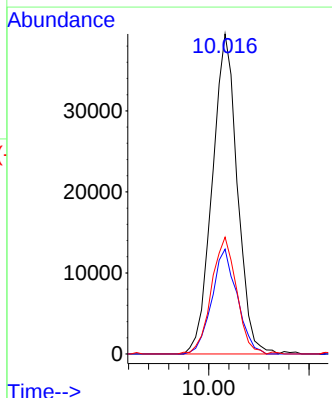
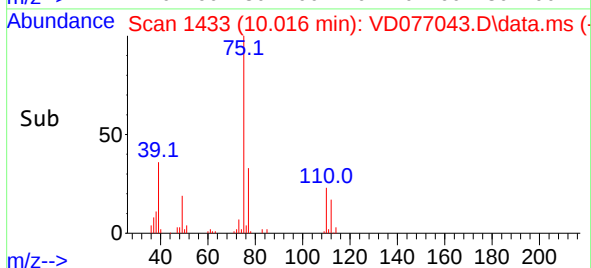
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

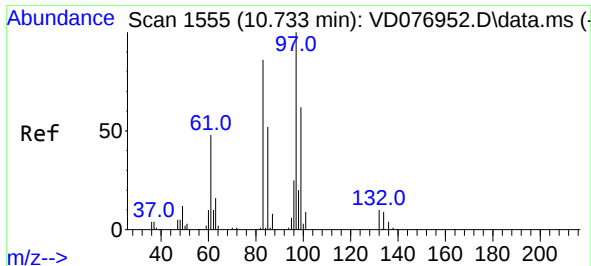


#54
cis-1,3-Dichloropropene
Concen: 18.914 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04



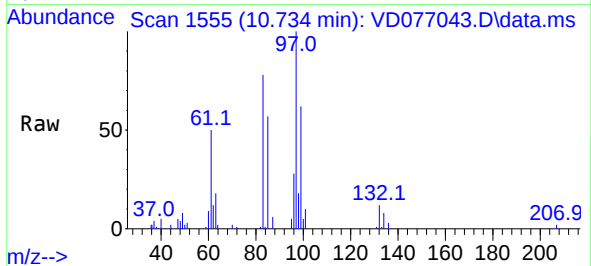
Tgt Ion: 75 Resp: 68472
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3
39 36.5 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 19.634 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

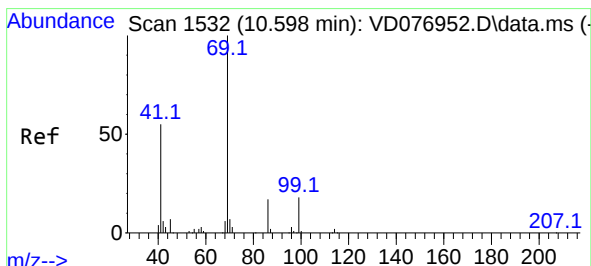
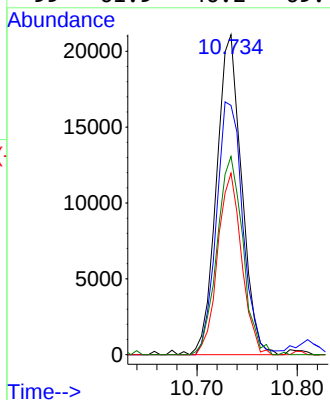
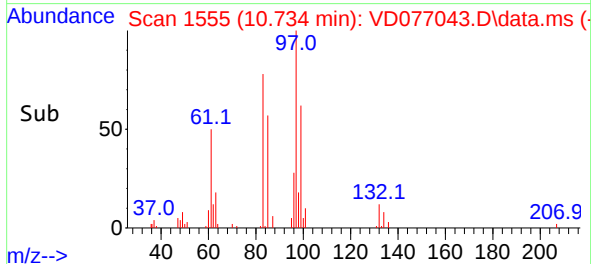


Tgt Ion: 97 Resp: 36744

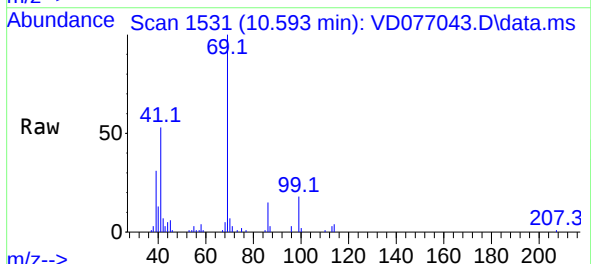
Ion	Ratio	Lower	Upper
97	100		
83	77.9	65.8	98.6
85	56.7	45.7	68.5
99	61.9	46.2	69.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

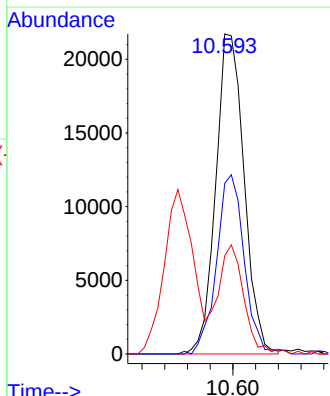
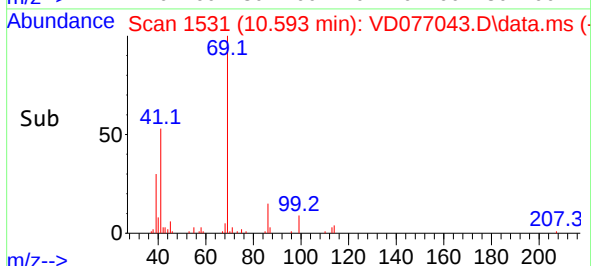


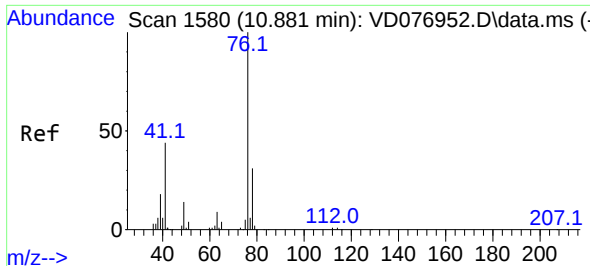
#56
Ethyl methacrylate
Concen: 19.049 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.005 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04



Tgt Ion: 69 Resp: 37598

Ion	Ratio	Lower	Upper
69	100		
41	54.9	39.1	58.7
39	31.7	20.0	30.0





#57

1,3-Dichloropropane

Concen: 19.966 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077043.D

Acq: 28 Aug 2023 16:04

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

Tgt Ion: 76 Resp: 5938

Ion Ratio Lower Upper

76 100

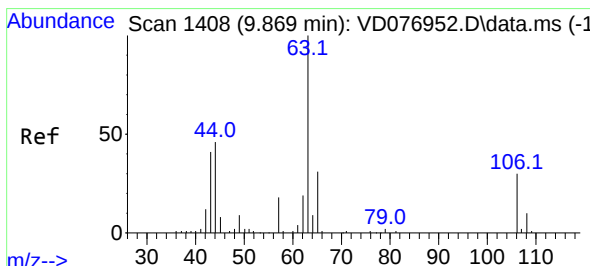
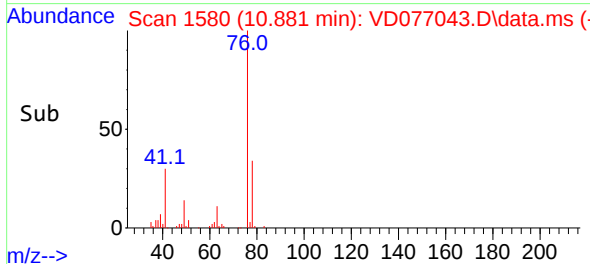
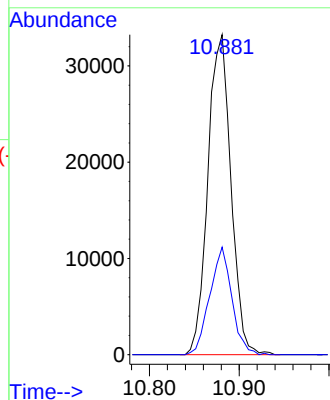
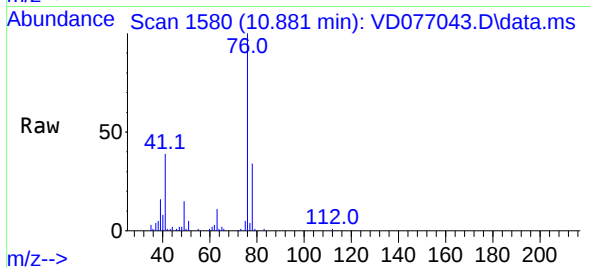
78 32.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2023

Supervised By :Mahesh Dadoda 08/29/2023



#58

2-Chloroethyl Vinyl ether

Concen: 150.533 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077043.D

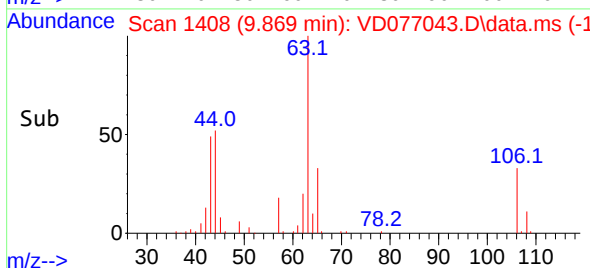
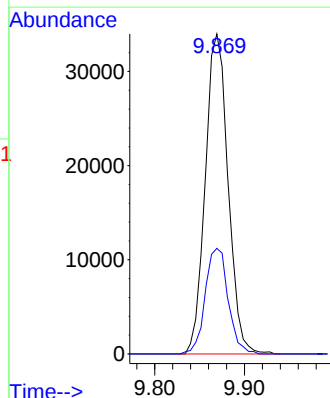
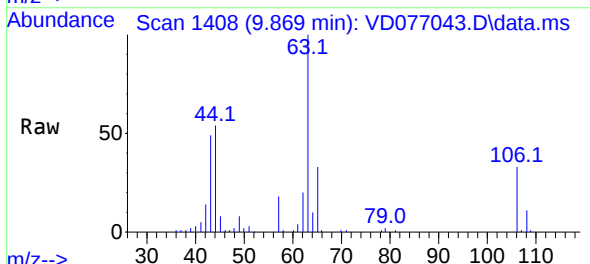
Acq: 28 Aug 2023 16:04

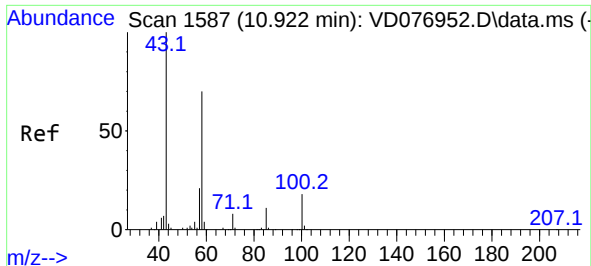
Tgt Ion: 63 Resp: 59959

Ion Ratio Lower Upper

63 100

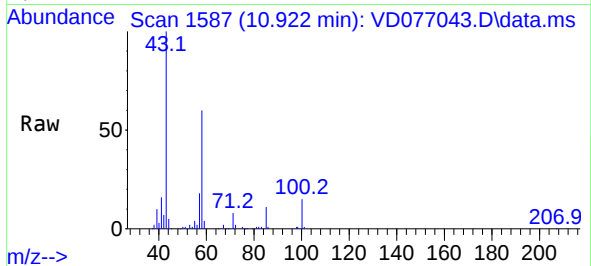
106 33.2 25.3 37.9





#59
2-Hexanone
Concen: 96.455 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

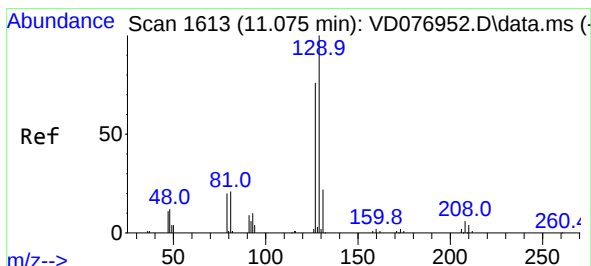
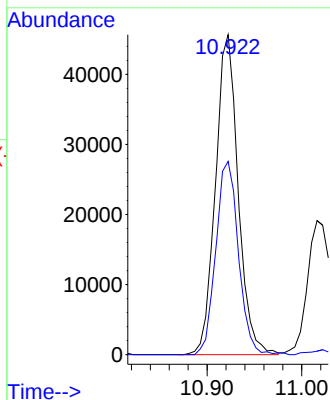
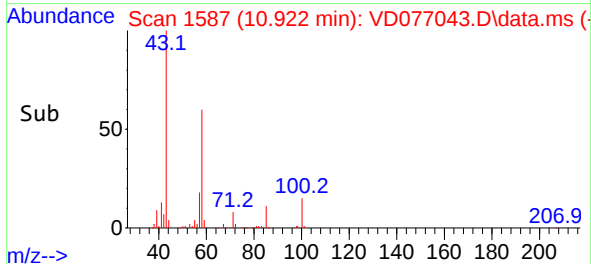
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01



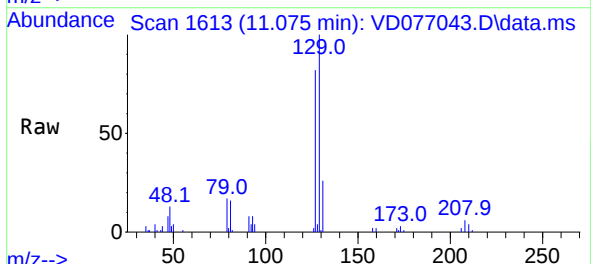
Tgt Ion: 43 Resp: 7608
Ion Ratio Lower Upper
43 100
58 60.2 34.1 102.2

Manual Integrations
APPROVED

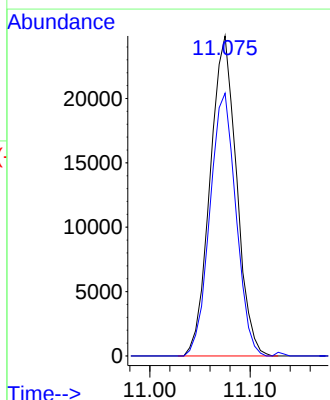
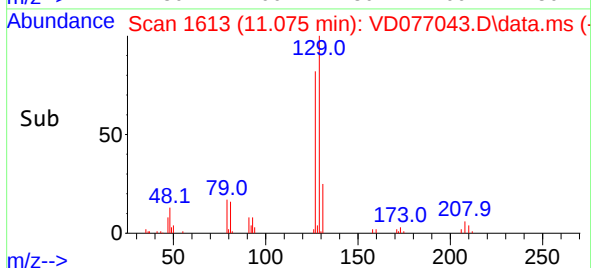
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

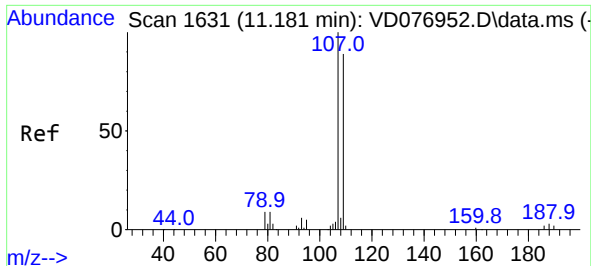


#60
Dibromochloromethane
Concen: 19.670 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04



Tgt Ion:129 Resp: 45566
Ion Ratio Lower Upper
129 100
127 80.8 37.1 111.5





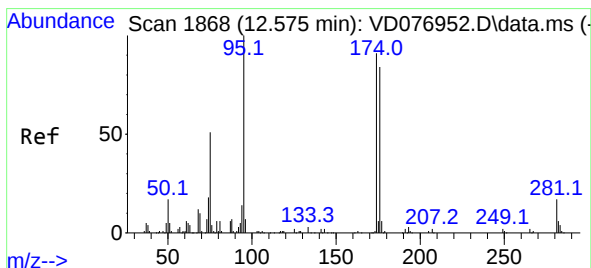
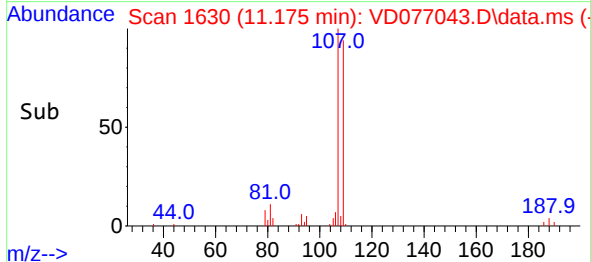
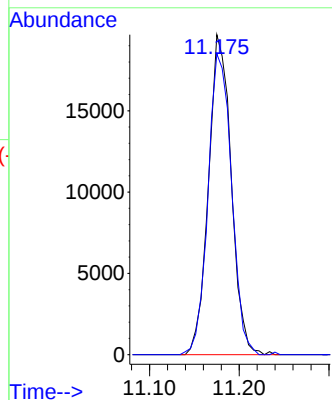
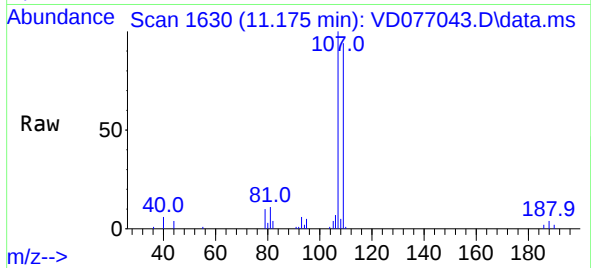
#61
1,2-Dibromoethane
Concen: 19.312 ug/l
RT: 11.175 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tgt Ion:107 Resp: 3459
Ion Ratio Lower Upper
107 100
109 97.2 75.6 113.4

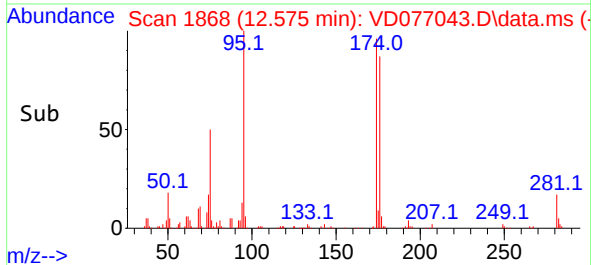
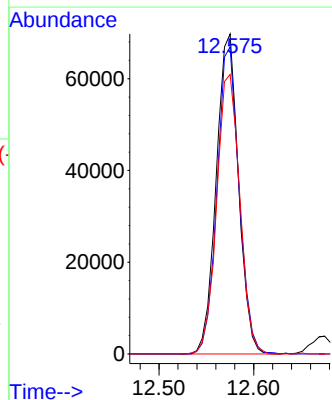
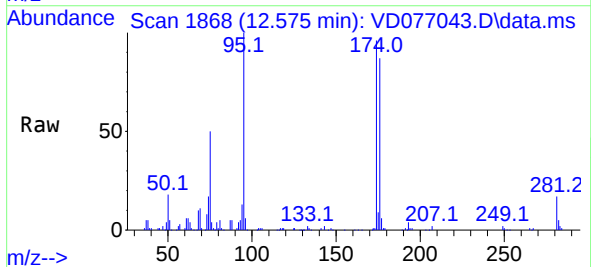
Manual Integrations
APPROVED

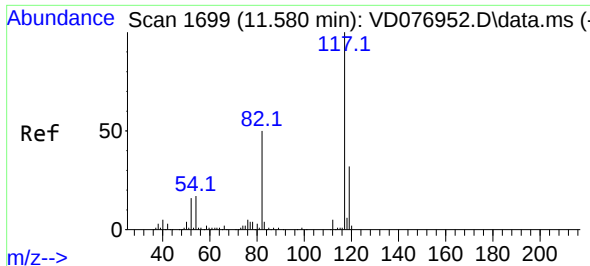
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#62
4-Bromofluorobenzene
Concen: 48.798 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

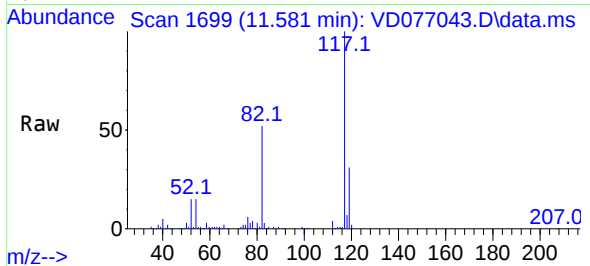
Tgt Ion: 95 Resp: 113894
Ion Ratio Lower Upper
95 100
174 95.0 0.0 201.8
176 90.5 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1158
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

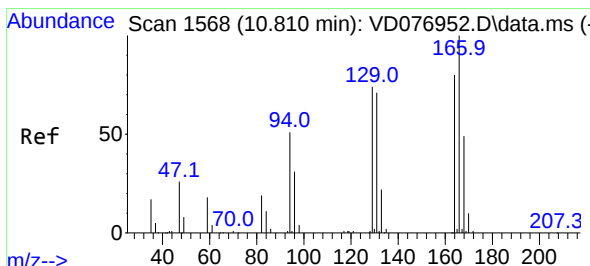
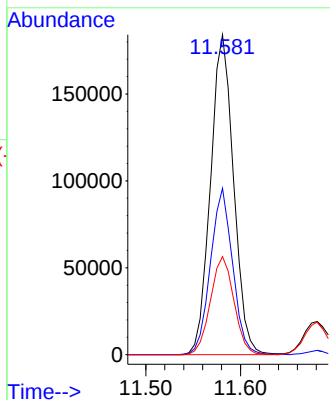
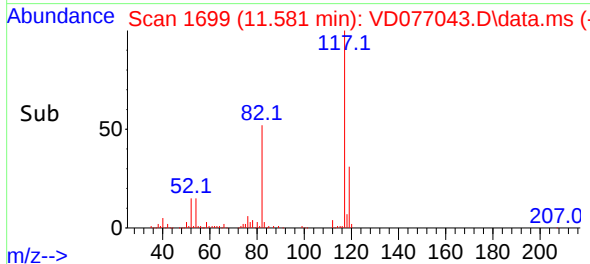
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01



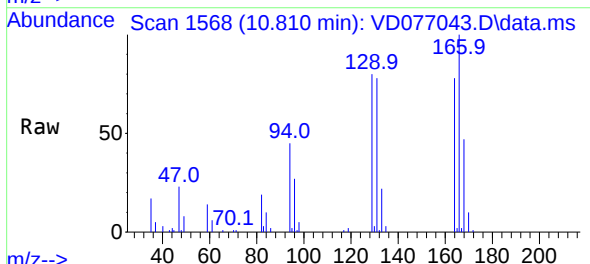
Tgt Ion:117 Resp: 31158
Ion Ratio Lower Upper
117 100
82 52.0 38.3 57.5
119 30.7 25.0 37.4

Manual Integrations
APPROVED

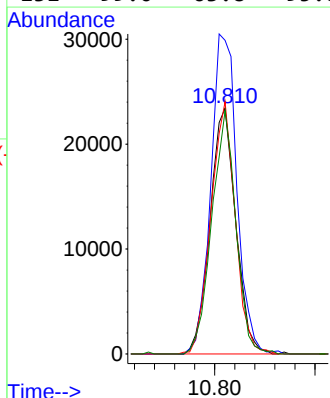
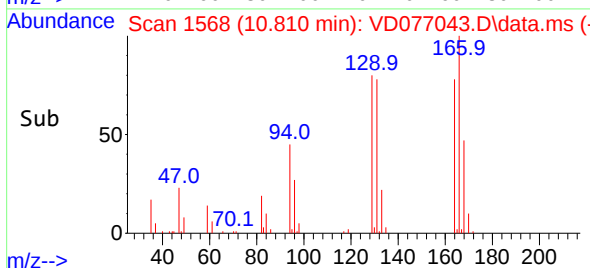
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

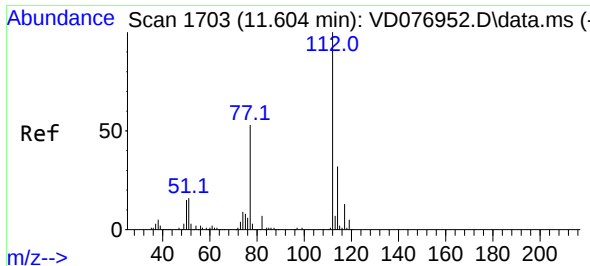


#64
Tetrachloroethene
Concen: 18.586 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04



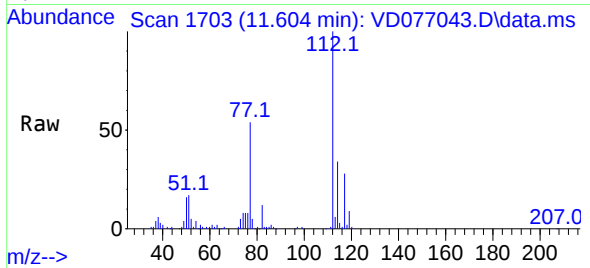
Tgt Ion:164 Resp: 41706
Ion Ratio Lower Upper
164 100
166 127.6 99.2 148.8
129 102.6 68.4 102.6
131 99.0 63.8 95.8#





#65
Chlorobenzene
Concen: 19.612 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

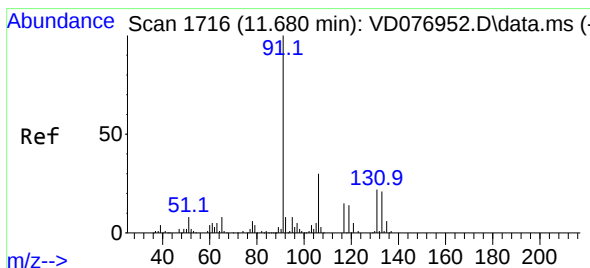
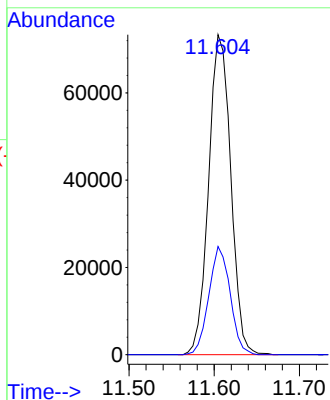
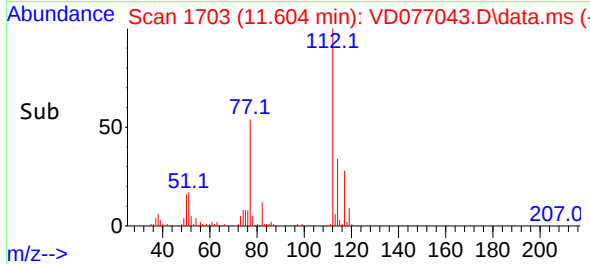
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01



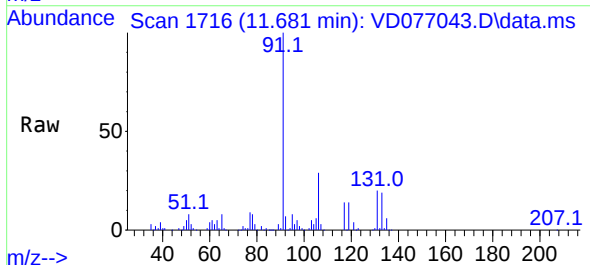
Tgt Ion:112 Resp: 13249
Ion Ratio Lower Upper
112 100
114 33.8 25.1 37.7

Manual Integrations
APPROVED

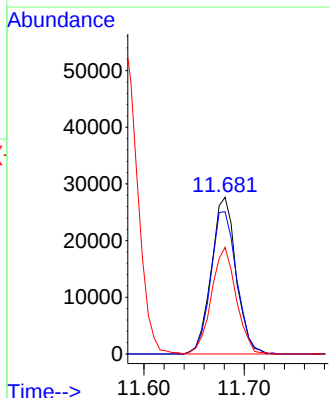
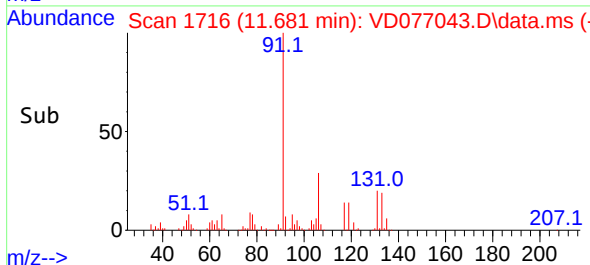
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

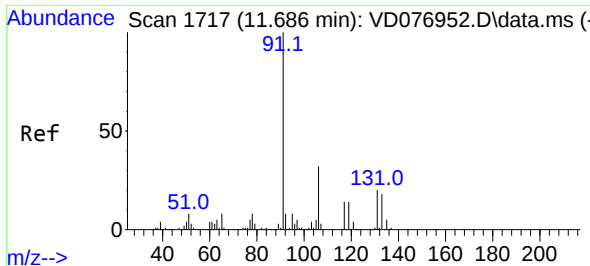


#66
1,1,1,2-Tetrachloroethane
Concen: 18.789 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04



Tgt Ion:131 Resp: 47438
Ion Ratio Lower Upper
131 100
133 94.8 48.5 145.5
119 68.1 35.6 106.9





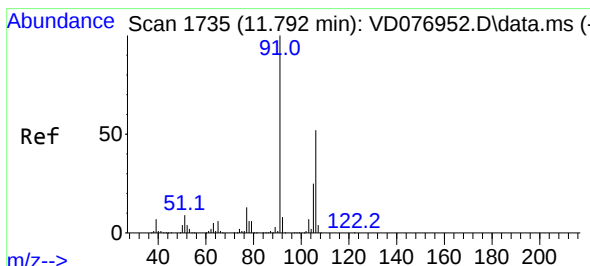
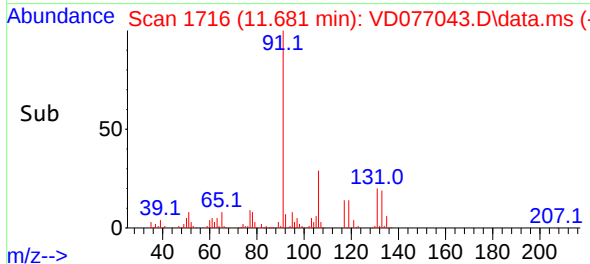
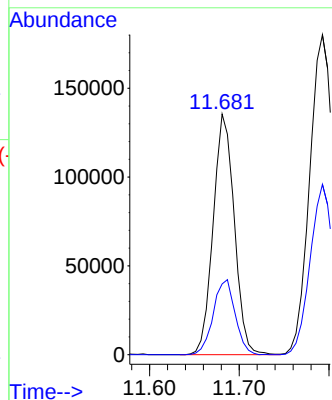
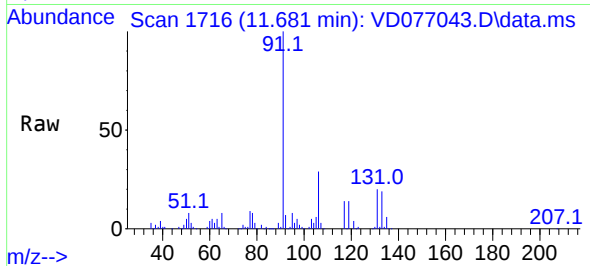
#67
Ethyl Benzene
Concen: 19.129 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.005 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

Tgt Ion: 91 Resp: 221788
Ion Ratio Lower Upper
91 100
106 29.4 26.5 39.7

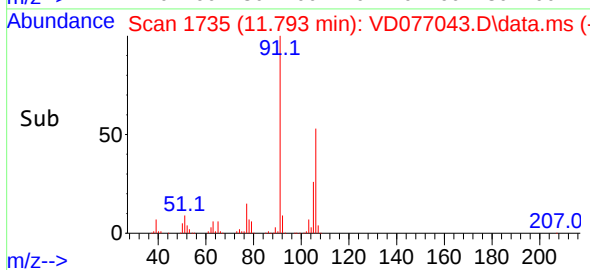
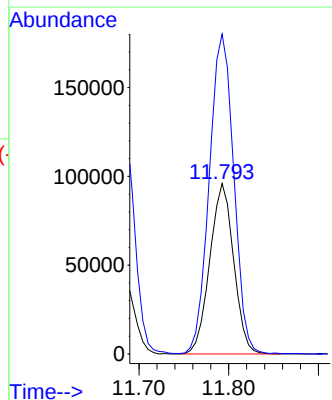
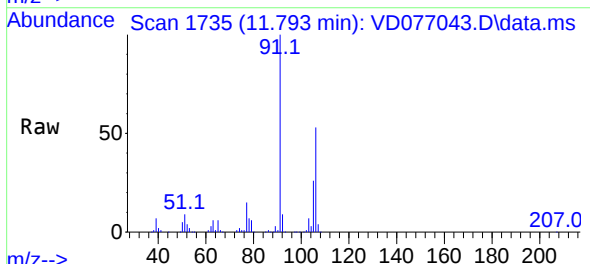
Manual Integrations
APPROVED

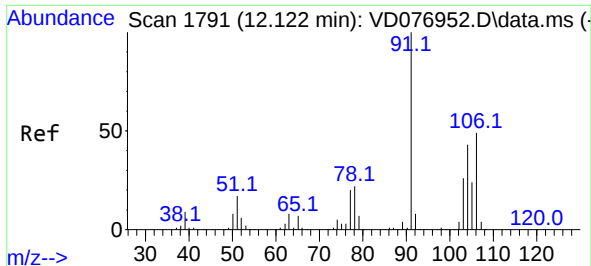
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#68
m/p-Xylenes
Concen: 38.154 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Tgt Ion:106 Resp: 177103
Ion Ratio Lower Upper
106 100
91 192.0 147.0 220.6





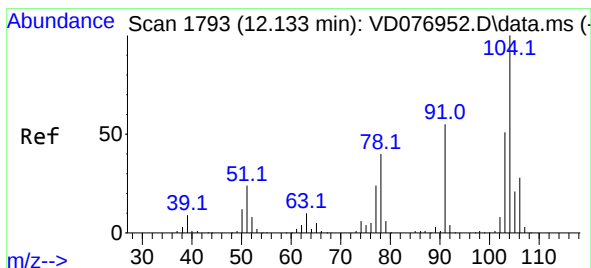
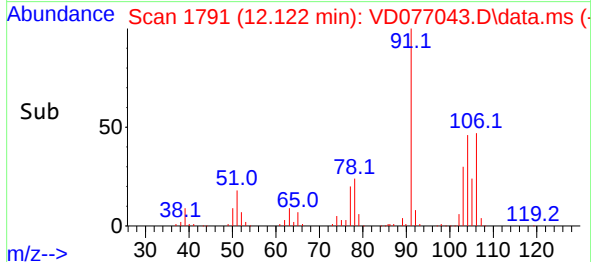
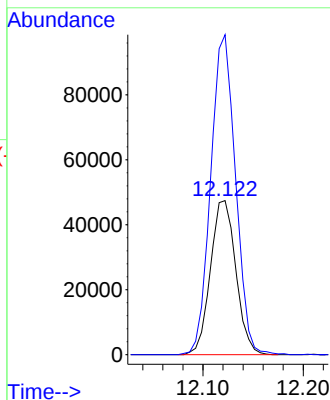
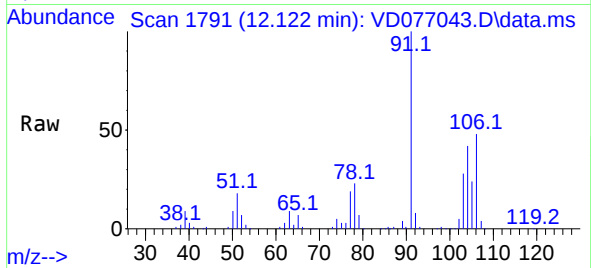
#69
o-Xylene
Concen: 19.650 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

Tgt Ion:106 Resp: 83374
Ion Ratio Lower Upper
106 100
91 202.8 97.9 293.6

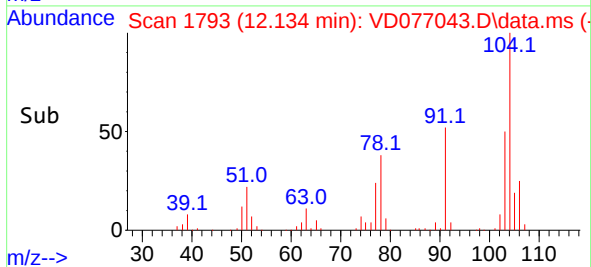
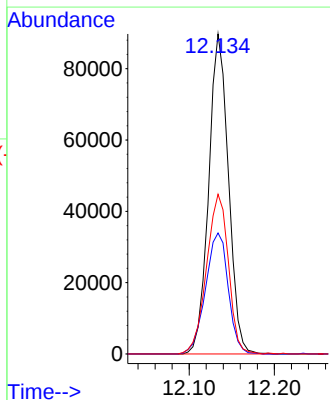
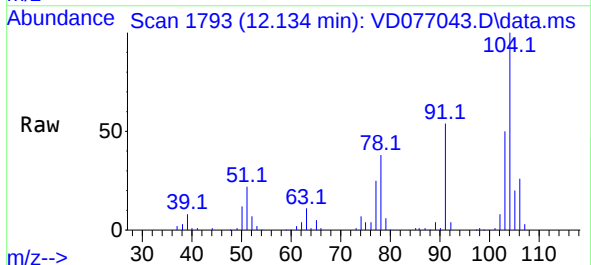
Manual Integrations
APPROVED

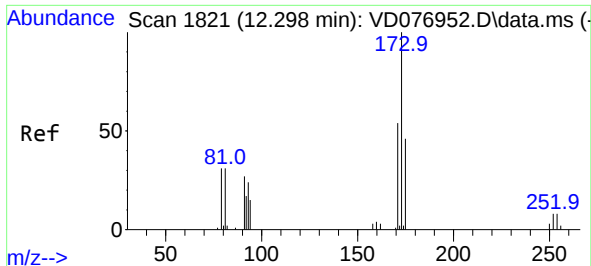
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#70
Styrene
Concen: 19.609 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

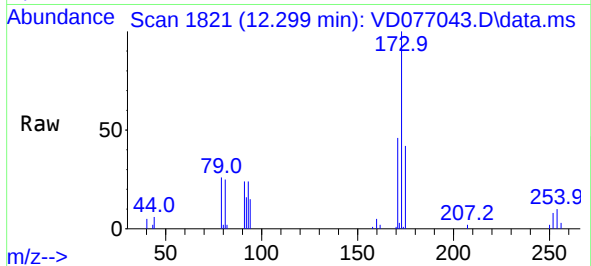
Tgt Ion:104 Resp: 144531
Ion Ratio Lower Upper
104 100
78 43.5 33.2 49.8
103 55.2 43.6 65.4





#71
Bromoform
Concen: 19.429 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

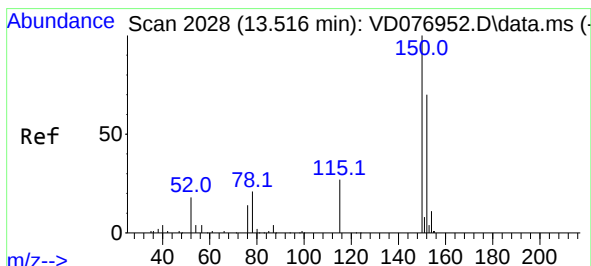
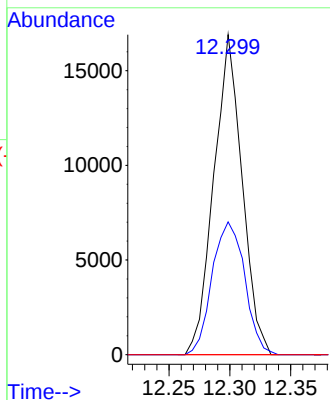
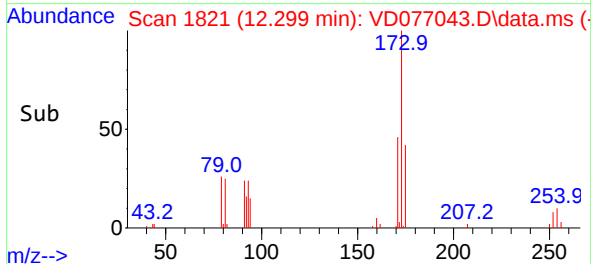
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01



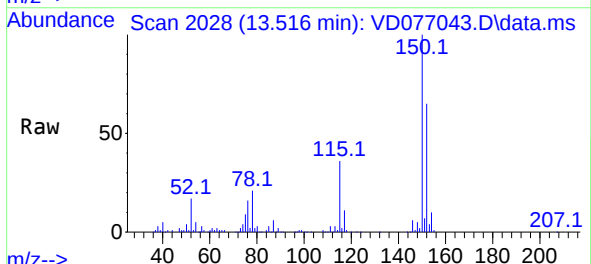
Tgt Ion:173 Resp: 27314
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

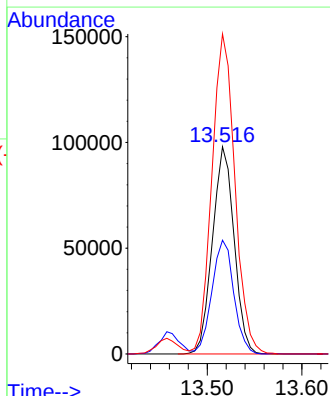
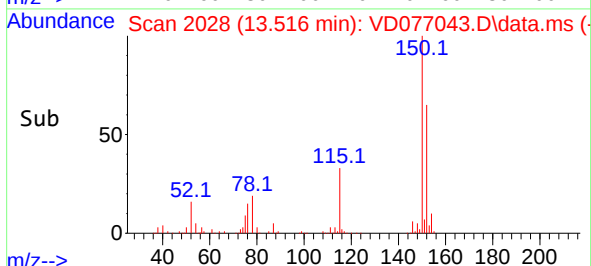
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

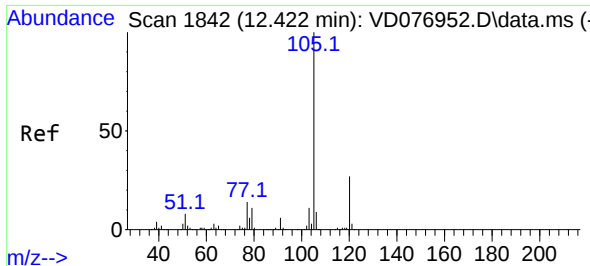


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04



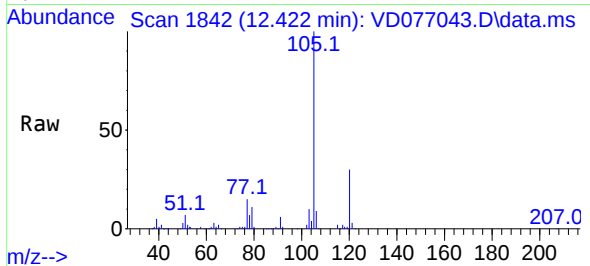
Tgt Ion:152 Resp: 155645
Ion Ratio Lower Upper
152 100
115 55.3 27.1 81.3
150 163.9 0.0 353.6





#73
Isopropylbenzene
Concen: 19.480 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

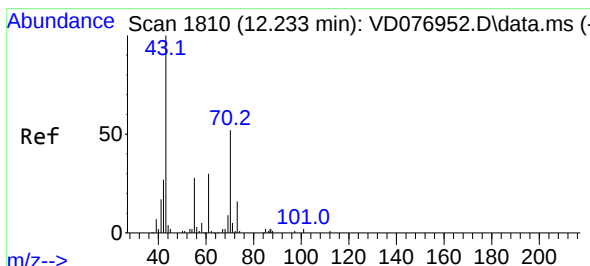
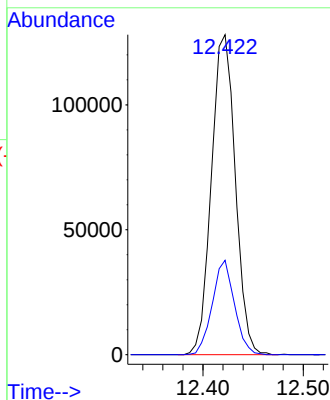
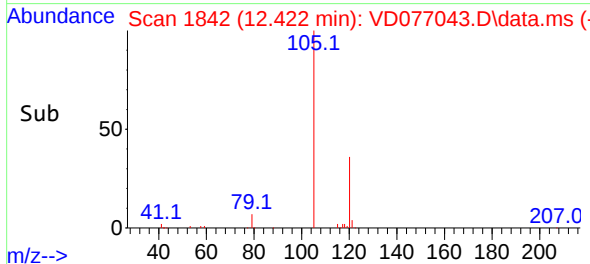
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01



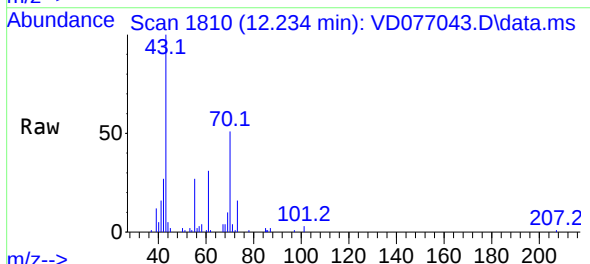
Tgt Ion:105 Resp: 211589
Ion Ratio Lower Upper
105 100
120 27.4 14.3 42.9

Manual Integrations
APPROVED

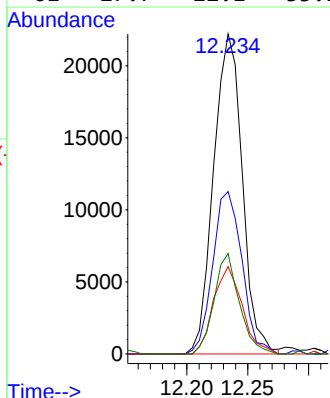
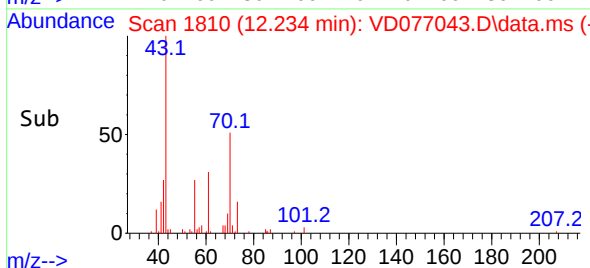
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

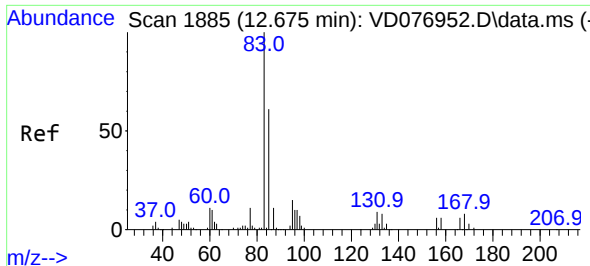


#74
N-ethyl acetate
Concen: 19.045 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04



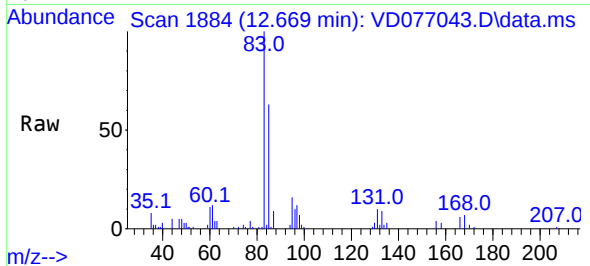
Tgt Ion: 43 Resp: 36433
Ion Ratio Lower Upper
43 100
70 51.8 45.0 67.4
55 27.4 23.8 35.6
61 27.7 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 19.222 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

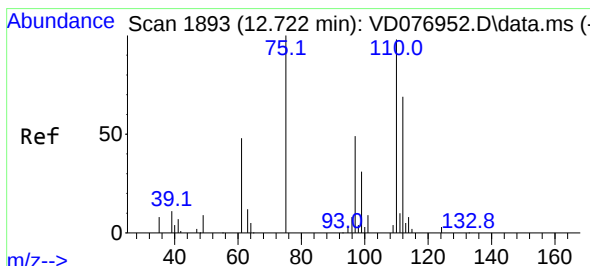
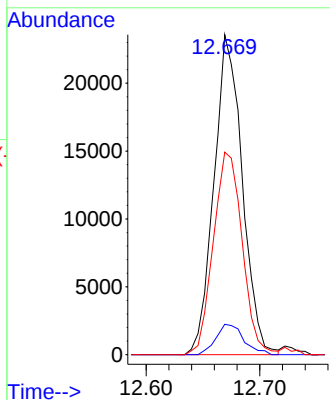
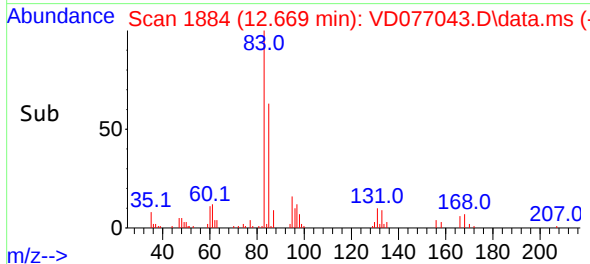
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01



Tgt Ion: 83 Resp: 40819
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.3
85 64.6 32.6 97.8

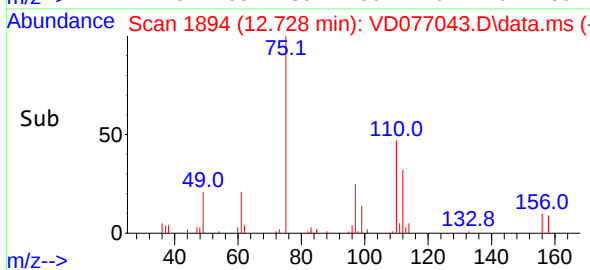
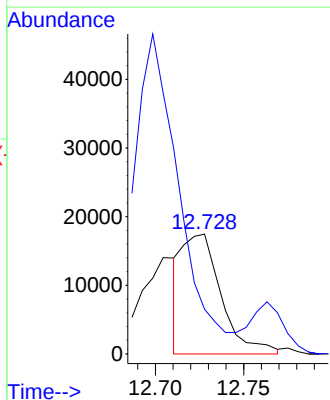
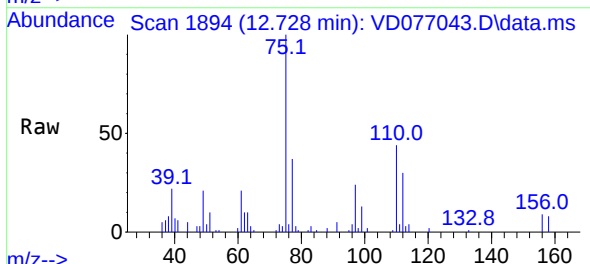
Manual Integrations
APPROVED

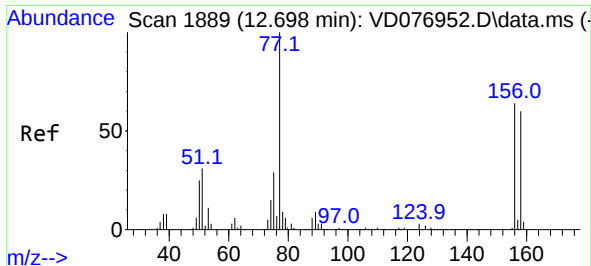
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#76
1,2,3-Trichloropropane
Concen: 18.031 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Tgt Ion: 75 Resp: 27068
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





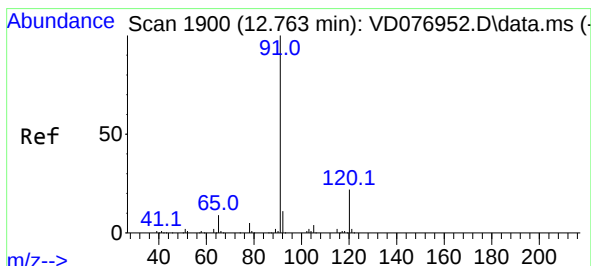
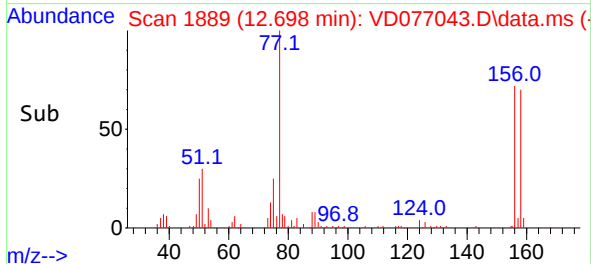
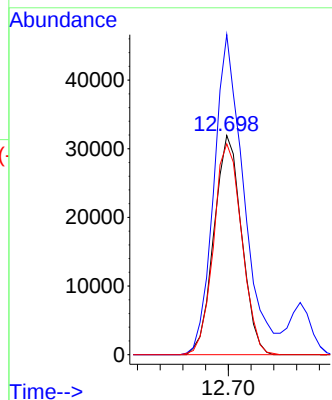
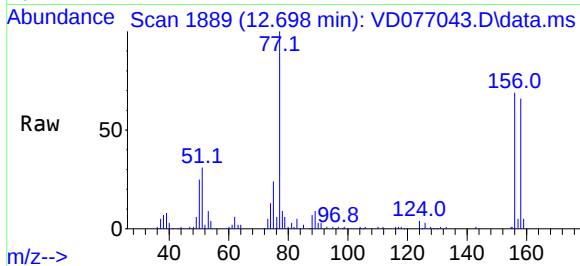
#77
Bromobenzene
Concen: 19.715 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

Tgt Ion:156 Resp: 53990
Ion Ratio Lower Upper
156 100
77 157.5 76.8 230.4
158 98.2 48.6 145.9

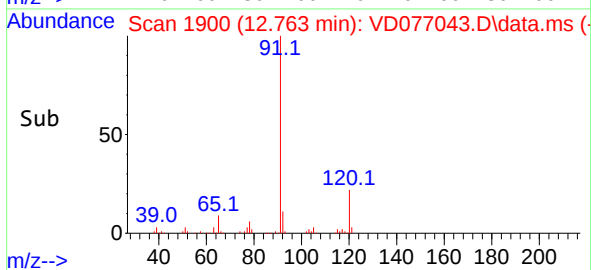
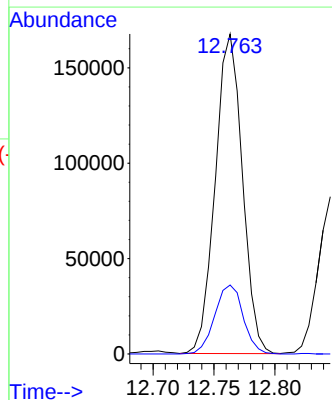
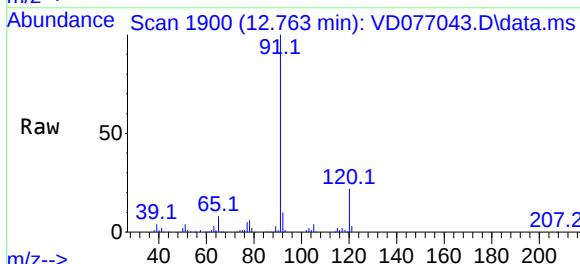
Manual Integrations
APPROVED

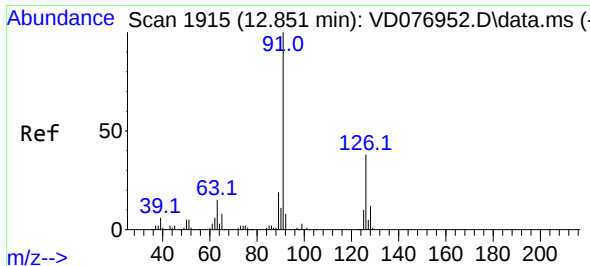
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#78
n-propylbenzene
Concen: 19.544 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Tgt Ion: 91 Resp: 259419
Ion Ratio Lower Upper
91 100
120 22.6 12.4 37.2





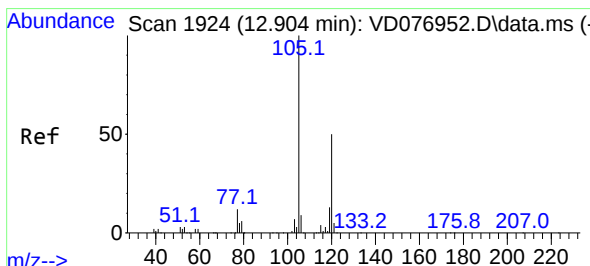
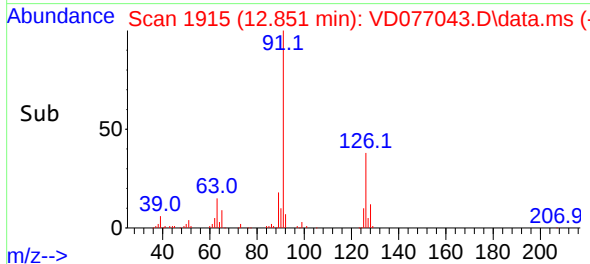
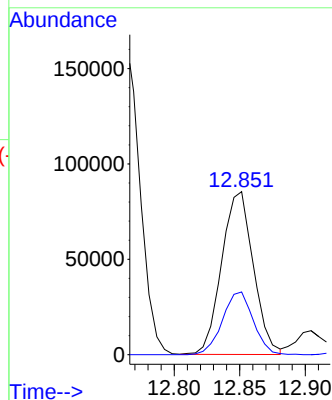
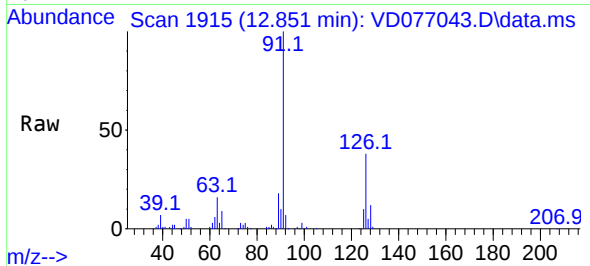
#79
2-Chlorotoluene
Concen: 19.766 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

Tgt Ion: 91 Resp: 14344
Ion Ratio Lower Upper
91 100
126 37.5 19.4 58.1

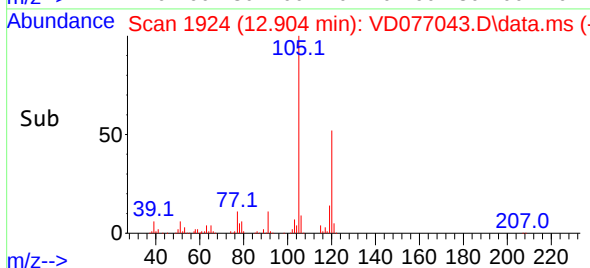
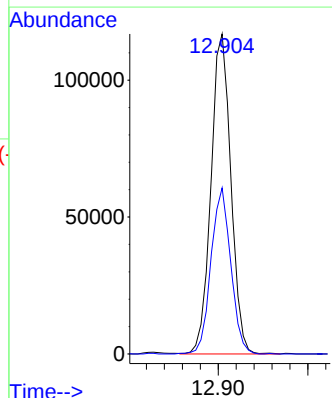
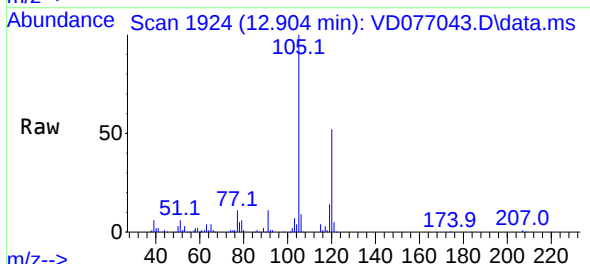
Manual Integrations
APPROVED

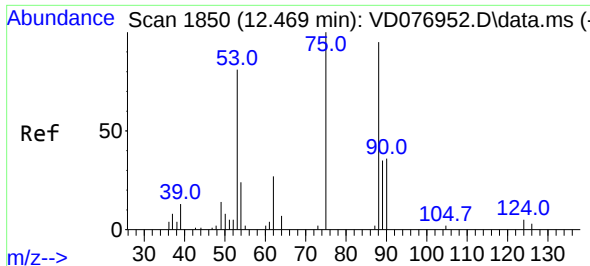
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.845 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Tgt Ion:105 Resp: 179957
Ion Ratio Lower Upper
105 100
120 51.5 26.4 79.2





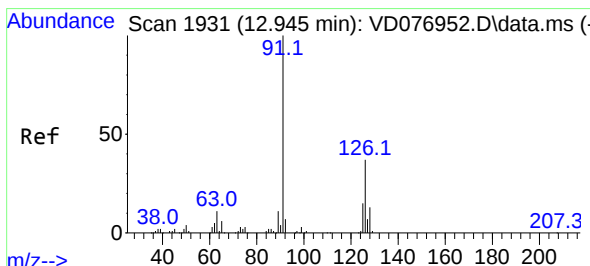
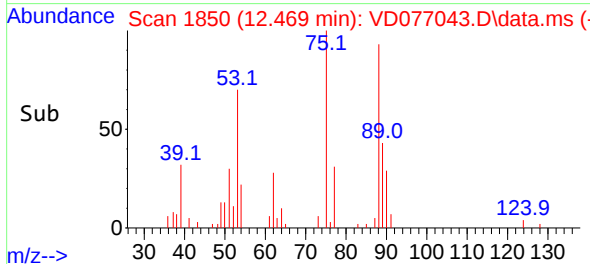
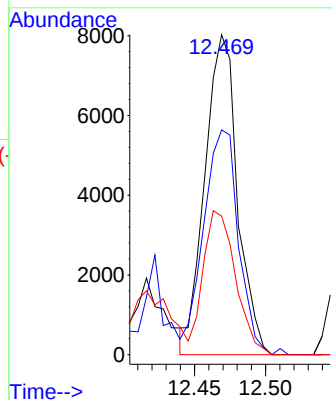
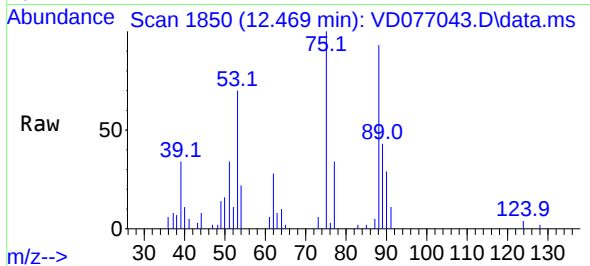
#81
trans-1,4-Dichloro-2-butene
Concen: 19.824 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

Tgt Ion: 75 Resp: 12818
Ion Ratio Lower Upper
75 100
53 75.4 63.0 94.4
89 44.6 37.9 56.9

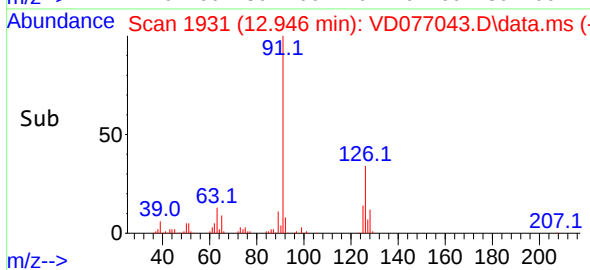
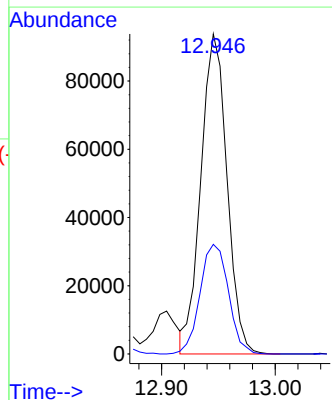
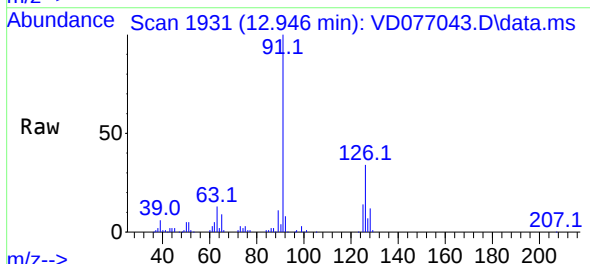
Manual Integrations
APPROVED

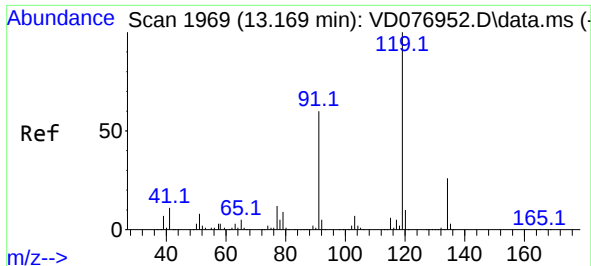
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#82
4-Chlorotoluene
Concen: 19.499 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

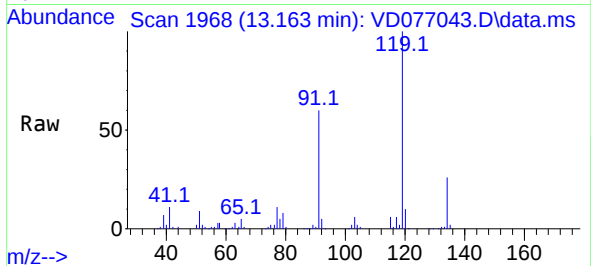
Tgt Ion: 91 Resp: 149681
Ion Ratio Lower Upper
91 100
126 37.2 19.4 58.4





#83
tert-Butylbenzene
Concen: 19.488 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

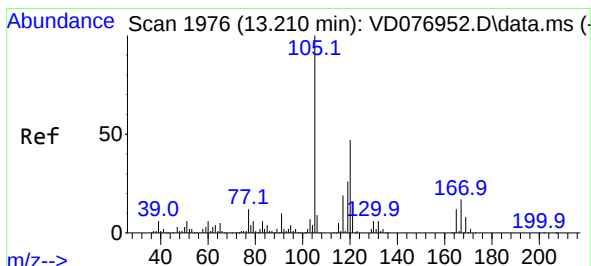
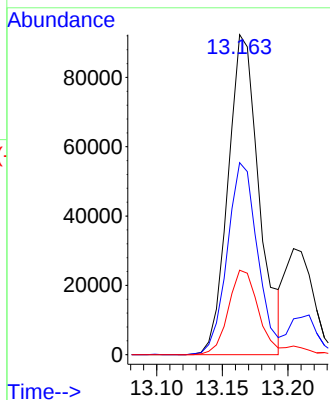
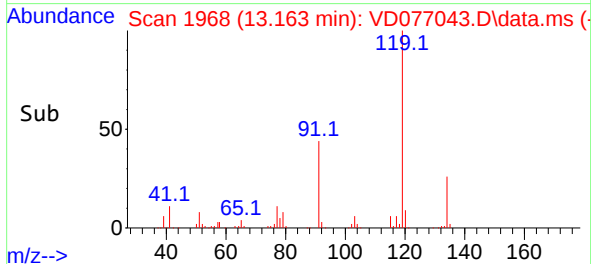
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01



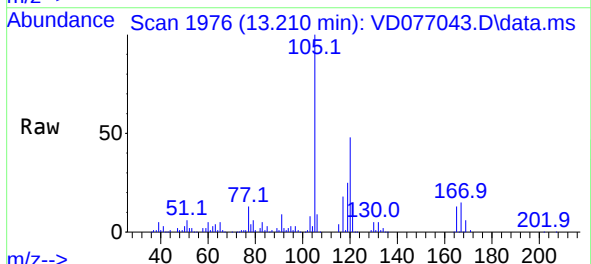
Tgt Ion:119 Resp: 152800
Ion Ratio Lower Upper
119 100
91 58.3 29.3 87.8
134 25.6 14.1 42.3

Manual Integrations
APPROVED

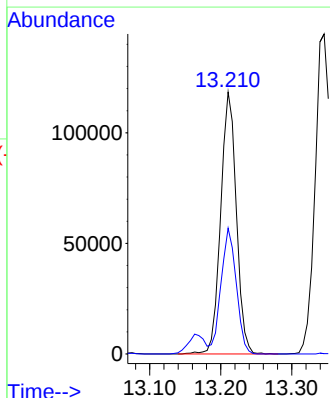
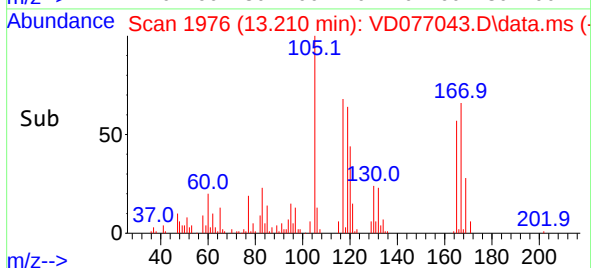
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

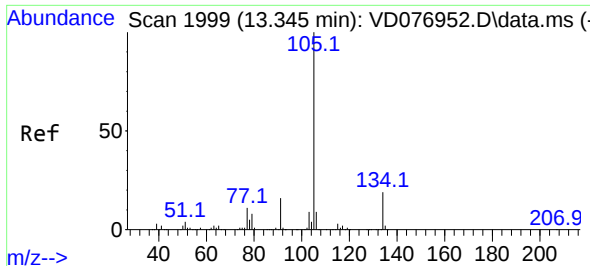


#84
1,2,4-Trimethylbenzene
Concen: 19.854 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04



Tgt Ion:105 Resp: 180574
Ion Ratio Lower Upper
105 100
120 47.0 24.3 72.9





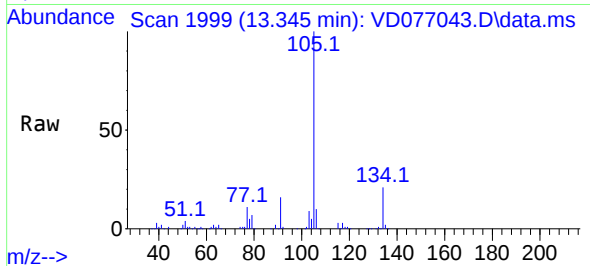
#85
 sec-Butylbenzene
 Concen: 19.288 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077043.D
 Acq: 28 Aug 2023 16:04

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBSD01

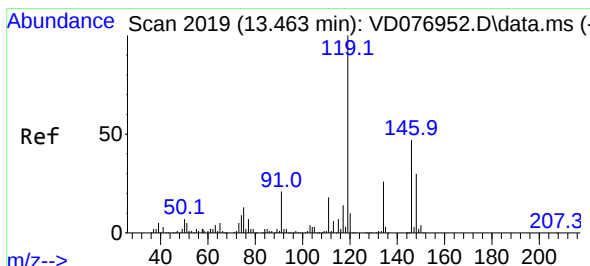
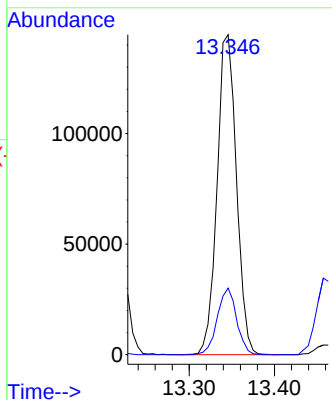
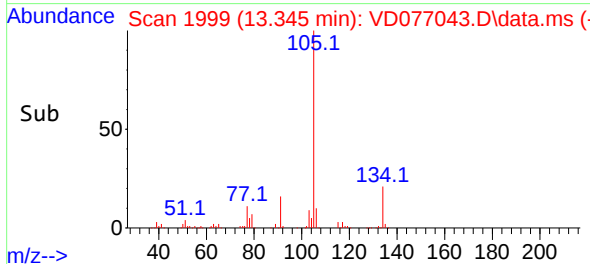


Tgt Ion:105 Resp: 228338
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.9 32.9

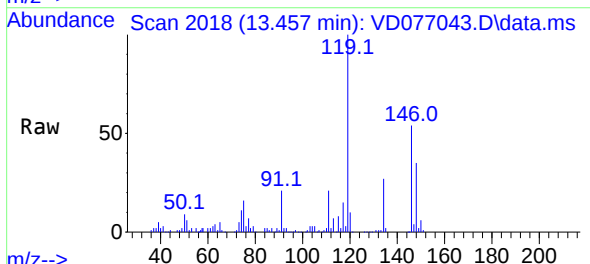
Manual Integrations

APPROVED

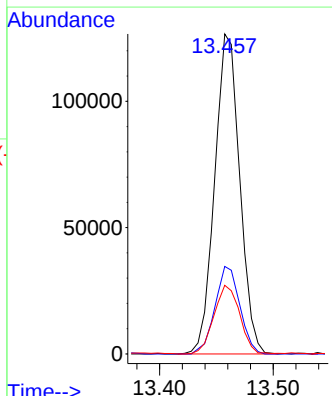
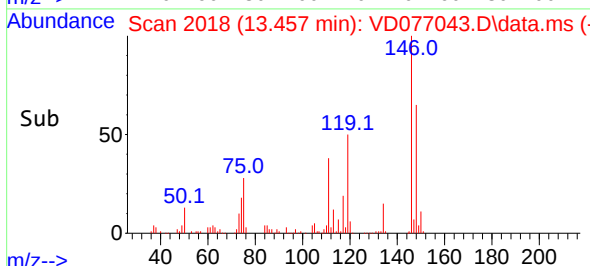
Reviewed By :Semsettin Yesilyurt 08/29/2023
 Supervised By :Mahesh Dadoda 08/29/2023

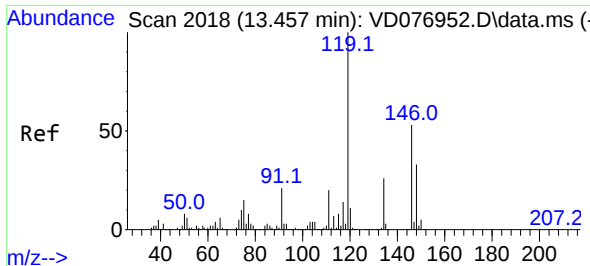


#86
 p-Isopropyltoluene
 Concen: 19.222 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD077043.D
 Acq: 28 Aug 2023 16:04



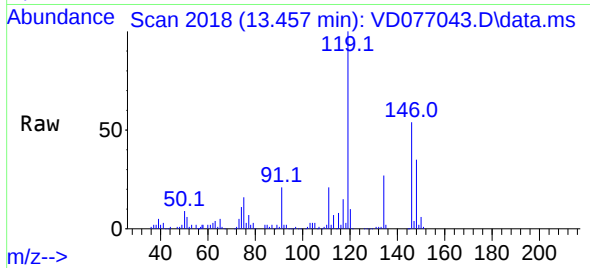
Tgt Ion:119 Resp: 194042
 Ion Ratio Lower Upper
 119 100
 134 27.0 14.2 42.6
 91 22.2 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 19.504 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

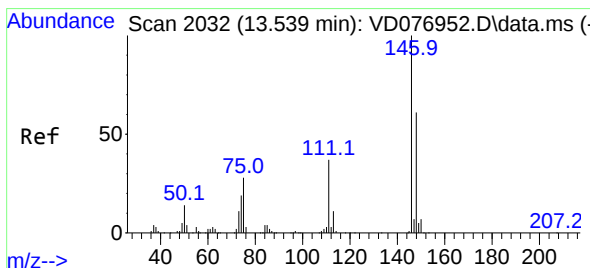
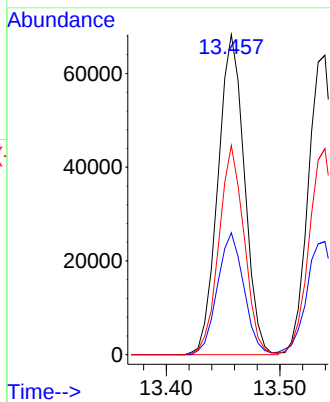
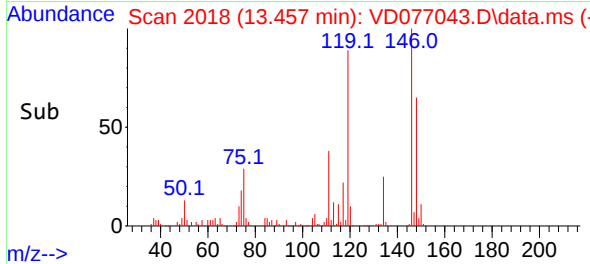
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01



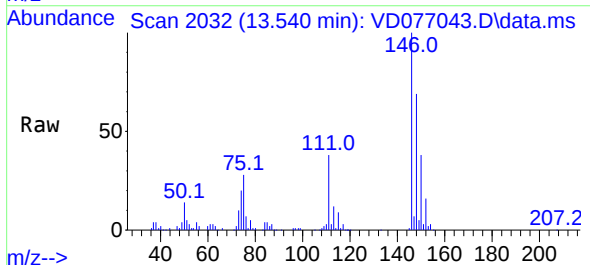
Tgt Ion:146 Resp: 110709
Ion Ratio Lower Upper
146 100
111 38.0 17.9 53.8
148 62.4 32.3 96.8

Manual Integrations
APPROVED

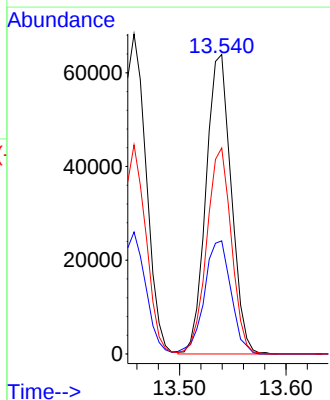
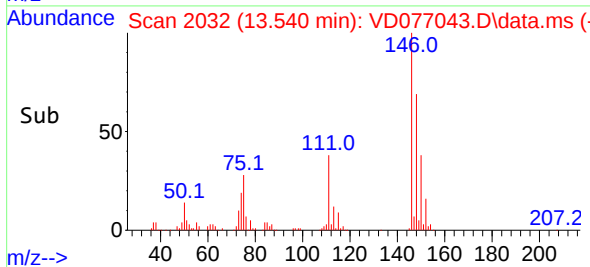
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023

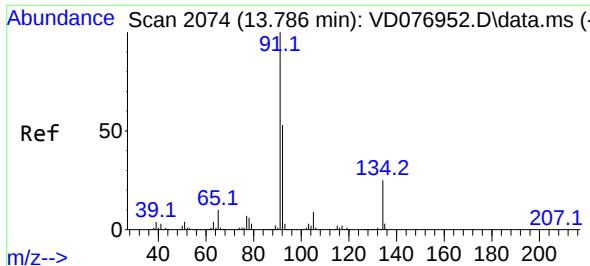


#88
1,4-Dichlorobenzene
Concen: 19.123 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04



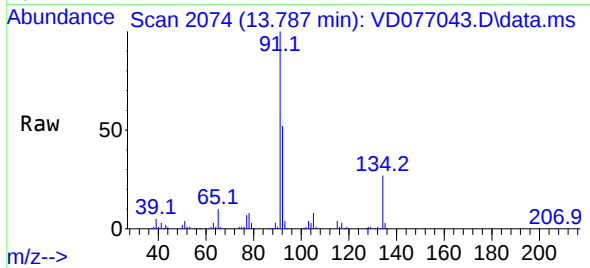
Tgt Ion:146 Resp: 105299
Ion Ratio Lower Upper
146 100
111 40.0 17.4 52.3
148 67.2 31.7 95.1





#89
n-Butylbenzene
Concen: 19.220 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

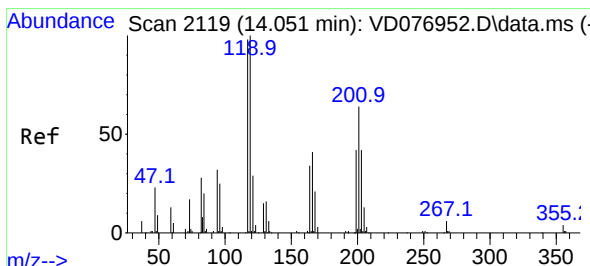
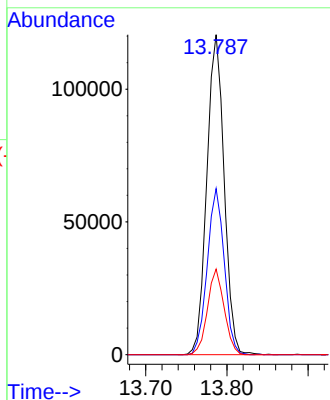
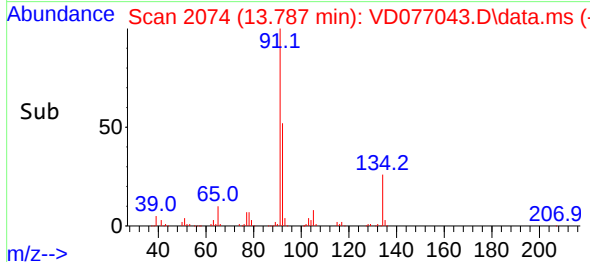
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01



Tgt Ion: 91 Resp: 178194
Ion Ratio Lower Upper
91 100
92 50.9 26.5 79.5
134 25.8 13.8 41.3

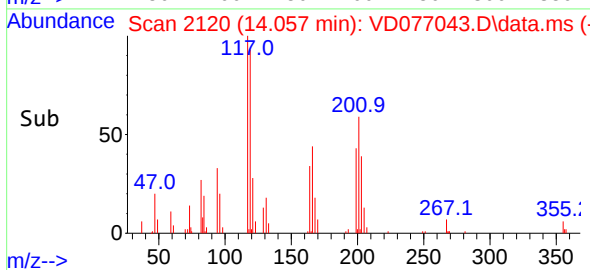
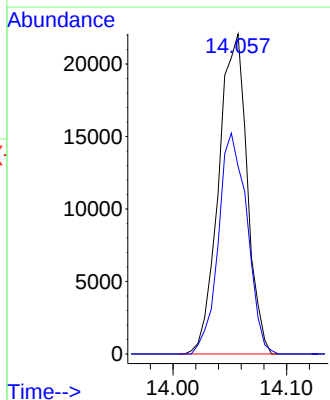
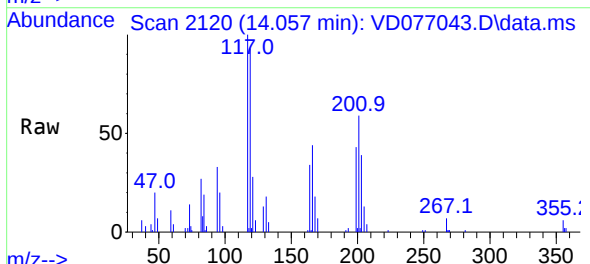
Manual Integrations
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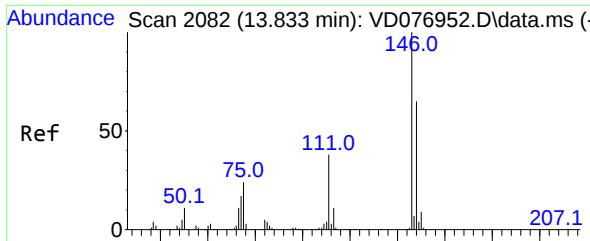
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#90
Hexachloroethane
Concen: 19.653 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Tgt Ion:117 Resp: 38469
Ion Ratio Lower Upper
117 100
201 69.5 38.5 115.5





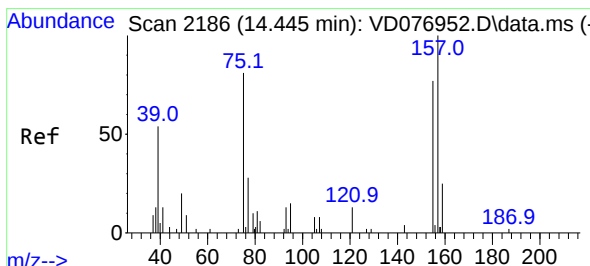
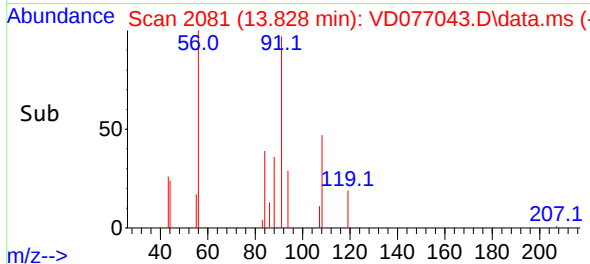
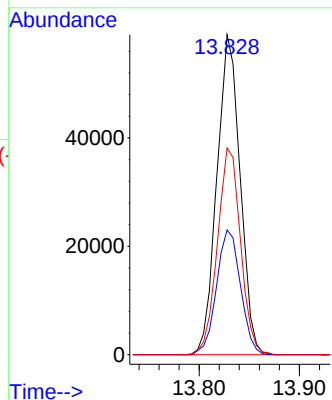
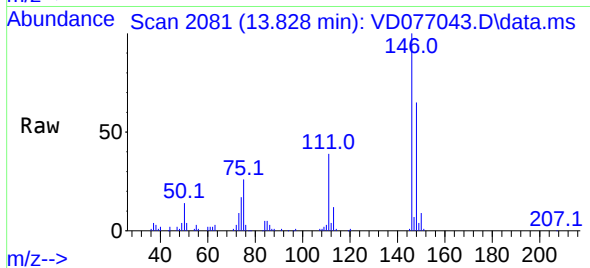
#91
1,2-Dichlorobenzene
Concen: 19.613 ug/l
RT: 13.828 min Scan# 2082
Delta R.T. -0.005 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

Tgt Ion:146 Resp: 9487
Ion Ratio Lower Upper
146 100
111 40.2 18.3 54.8
148 64.5 31.6 94.7

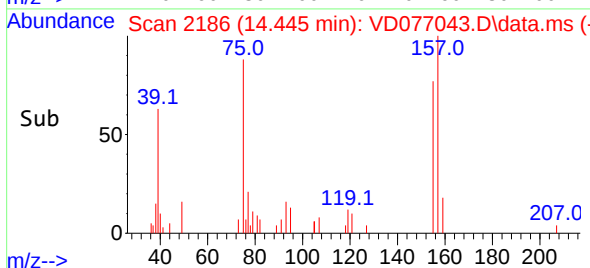
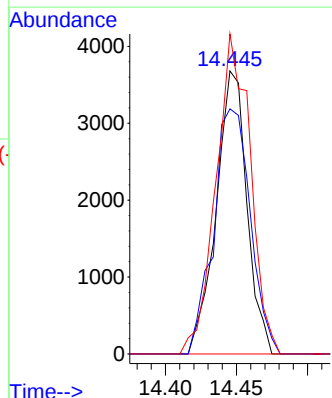
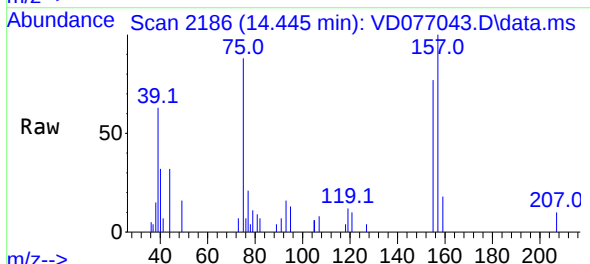
Manual Integrations
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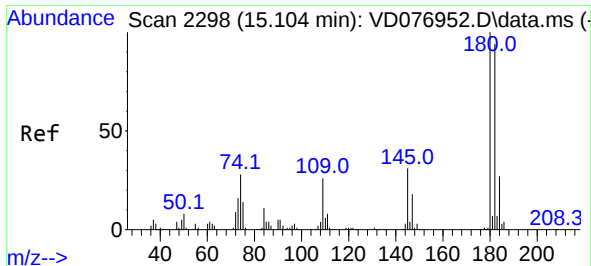
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.707 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Tgt Ion: 75 Resp: 5532
Ion Ratio Lower Upper
75 100
155 104.0 47.9 143.8
157 126.2 59.9 179.7





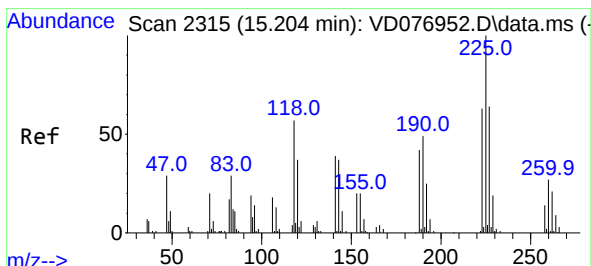
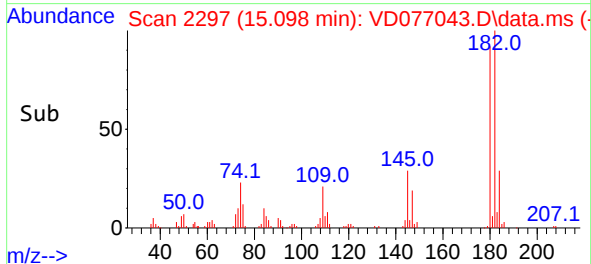
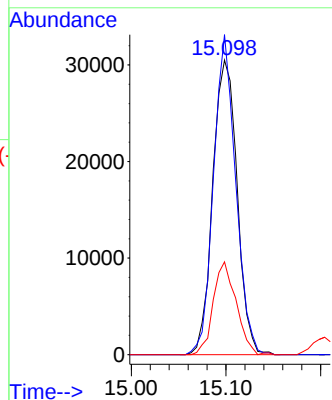
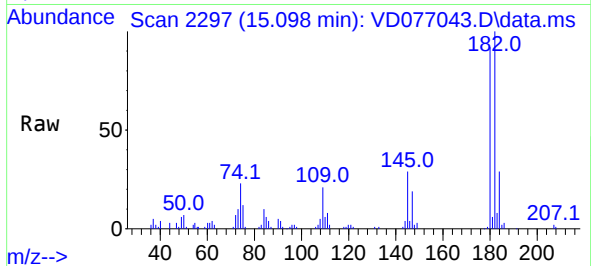
#93
1,2,4-Trichlorobenzene
Concen: 18.315 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tgt Ion:180 Resp: 5448
Ion Ratio Lower Upper
180 100
182 99.0 48.5 145.6
145 29.8 14.2 42.6

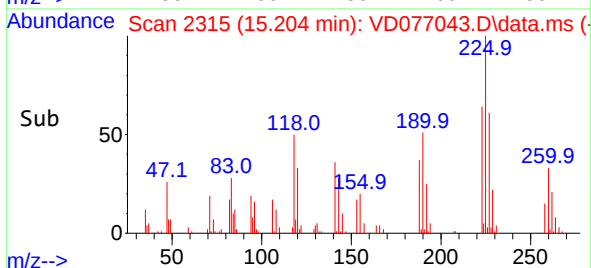
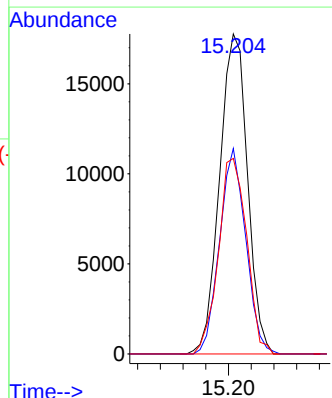
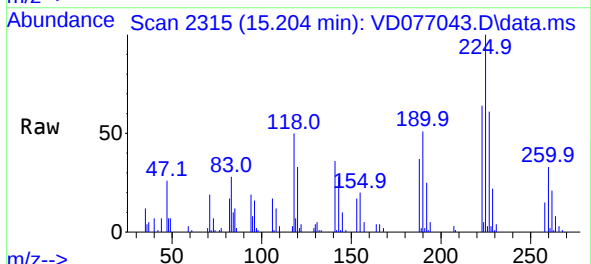
Manual Integrations
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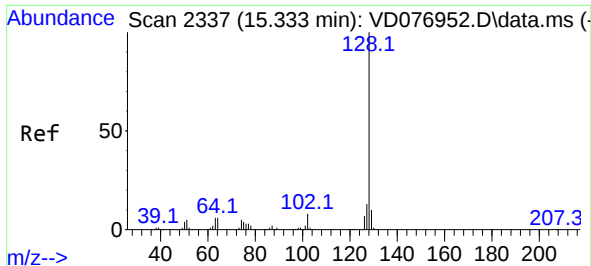
Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#94
Hexachlorobutadiene
Concen: 19.418 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

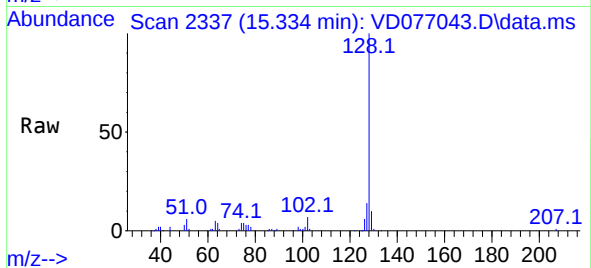
Tgt Ion:225 Resp: 30289
Ion Ratio Lower Upper
225 100
223 60.2 31.6 94.8
227 61.8 31.7 95.1





#95
Naphthalene
Concen: 18.647 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04

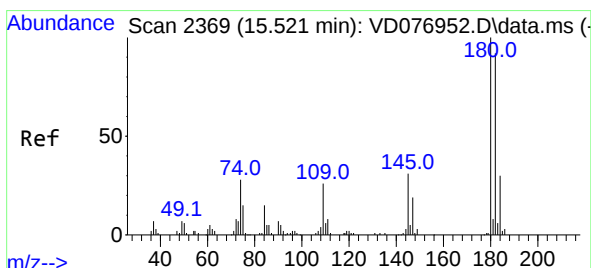
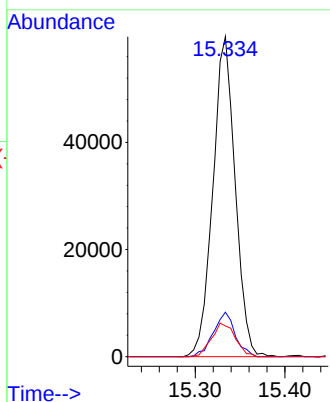
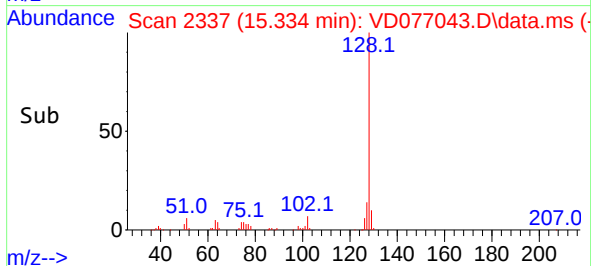
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01



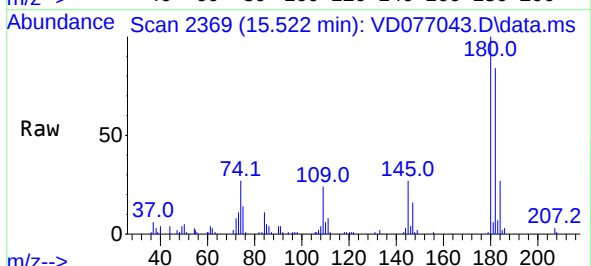
Tgt Ion:128 Resp: 102890
Ion Ratio Lower Upper
128 100
127 13.9 10.5 15.7
129 9.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2023
Supervised By :Mahesh Dadoda 08/29/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.389 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.001 min
Lab File: VD077043.D
Acq: 28 Aug 2023 16:04



Tgt Ion:180 Resp: 51672
Ion Ratio Lower Upper
180 100
182 90.9 47.3 141.9
145 28.9 15.1 45.3

