

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101123\
 Data File : VD077308.D
 Acq On : 11 Oct 2023 15:51
 Operator : JC/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 12 08:56:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 04:48:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
 Supervised By :Semsettin Yesilyurt 10/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	245397	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	458682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	412551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	184125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	9659	4.920	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.840%	#	
35) Dibromofluoromethane	7.799	113	11442	4.696	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.400%	#	
50) Toluene-d8	10.269	98	35686	4.454	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	8.900%	#	
62) 4-Bromofluorobenzene	12.575	95	12978	4.823	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	9.640%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	12011	5.269	ug/l	89
3) Chloromethane	2.146	50	17869	4.950	ug/l	95
4) Vinyl Chloride	2.281	62	20366	5.171	ug/l	93
5) Bromomethane	2.687	94	14285	5.158	ug/l	98
6) Chloroethane	2.834	64	12846	4.941	ug/l	93
7) Trichlorofluoromethane	3.175	101	22330	5.483	ug/l	96
8) Diethyl Ether	3.593	74	7213	5.081	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.975	101	14377	4.903	ug/l	97
10) Methyl Iodide	4.164	142	14475	3.996	ug/l	# 89
11) Tert butyl alcohol	5.046	59	3383	22.765	ug/l	# 73
12) 1,1-Dichloroethene	3.946	96	13378	4.725	ug/l	88
13) Acrolein	3.793	56	1823	10.520	ug/l	# 69
14) Allyl chloride	4.563	41	16038	4.119	ug/l	92
15) Acrylonitrile	5.258	53	15584	22.303	ug/l	98
16) Acetone	4.022	43	16637	27.383	ug/l	87
17) Carbon Disulfide	4.269	76	39364	4.607	ug/l	# 94
18) Methyl Acetate	4.558	43	11216	4.644	ug/l	# 85
19) Methyl tert-butyl Ether	5.322	73	26299	4.162	ug/l	94
20) Methylene Chloride	4.793	84	60593	4.886	ug/l	# 87
21) trans-1,2-Dichloroethene	5.311	96	16492	4.878	ug/l	86
22) Diisopropyl ether	6.210	45	36497	4.138	ug/l	# 91
23) Vinyl Acetate	6.152	43	82834	20.042	ug/l	# 92
24) 1,1-Dichloroethane	6.110	63	27385	4.670	ug/l	95
25) 2-Butanone	7.081	43	17854	22.059	ug/l	90
26) 2,2-Dichloropropane	7.081	77	21557	4.572	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	17182	4.540	ug/l	95
28) Bromochloromethane	7.410	49	10368	4.467	ug/l	# 78
29) Tetrahydrofuran	7.434	42	10131	20.981	ug/l	87
30) Chloroform	7.593	83	28476	4.739	ug/l	99
31) Cyclohexane	7.875	56	24198	5.190	ug/l	# 83
32) 1,1,1-Trichloroethane	7.793	97	22859	4.744	ug/l	97
36) 1,1-Dichloropropene	8.004	75	20559	4.654	ug/l	95
37) Ethyl Acetate	7.163	43	8116	4.379	ug/l	# 88
38) Carbon Tetrachloride	7.987	117	18345	4.578	ug/l	99
39) Methylcyclohexane	9.269	83	21738	4.367	ug/l	95
40) Benzene	8.252	78	61656	4.524	ug/l	95

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 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
 Supervised By :Semsettin Yesilyurt 10/16/2023

Quant Time: Oct 12 08:56:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 04:48:21 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	3857	3.853	ug/l	90
42) 1,2-Dichloroethane	8.322	62	15885	4.849	ug/l	95
43) Isopropyl Acetate	8.357	43	13458	4.098	ug/l #	84
44) Trichloroethene	9.028	130	16416	4.916	ug/l	99
45) 1,2-Dichloropropane	9.304	63	15666	4.470	ug/l	95
46) Dibromomethane	9.399	93	8568	4.664	ug/l #	85
47) Bromodichloromethane	9.587	83	20519	4.555	ug/l	93
48) Methyl methacrylate	9.375	41	6342	4.192	ug/l #	82
49) 1,4-Dioxane	9.387	88	1247	69.523	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	33695	19.631	ug/l	92
52) Toluene	10.334	92	36089	4.339	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	17924	4.244	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	22542	4.304	ug/l #	87
55) 1,1,2-Trichloroethane	10.728	97	11241	4.502	ug/l	94
56) Ethyl methacrylate	10.598	69	10910	5.106	ug/l	94
57) 1,3-Dichloropropane	10.881	76	19170	4.446	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	23787	26.535	ug/l	89
59) 2-Hexanone	10.922	43	24052	19.815	ug/l	90
60) Dibromochloromethane	11.075	129	12661	4.439	ug/l	97
61) 1,2-Dibromoethane	11.181	107	10155	4.455	ug/l	91
64) Tetrachloroethene	10.810	164	13302	5.051	ug/l	93
65) Chlorobenzene	11.610	112	39786	4.637	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	14705	4.859	ug/l	93
67) Ethyl Benzene	11.681	91	67918	4.436	ug/l	94
68) m/p-Xylenes	11.793	106	50446	8.561	ug/l	88
69) o-Xylene	12.122	106	23458	4.301	ug/l	94
70) Styrene	12.134	104	38584	4.083	ug/l	97
71) Bromoform	12.298	173	6664	4.338	ug/l #	96
73) Isopropylbenzene	12.422	105	59289	4.360	ug/l	97
74) N-amyl acetate	12.234	43	11850	4.144	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.669	83	12900	4.727	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	9108m	4.502	ug/l	
77) Bromobenzene	12.704	156	14469	4.651	ug/l	85
78) n-propylbenzene	12.763	91	76374	4.429	ug/l	95
79) 2-Chlorotoluene	12.851	91	40612	4.369	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	47469	4.189	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	3598	4.241	ug/l	100
82) 4-Chlorotoluene	12.945	91	43973	4.477	ug/l	97
83) tert-Butylbenzene	13.163	119	40201	4.247	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	47918	4.222	ug/l	97
85) sec-Butylbenzene	13.345	105	63909	4.330	ug/l	95
86) p-Isopropyltoluene	13.463	119	48639	4.011	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	30569	4.685	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	31882	4.947	ug/l	89
89) n-Butylbenzene	13.787	91	52314	4.412	ug/l	97
90) Hexachloroethane	14.051	117	11563	4.836	ug/l	86
91) 1,2-Dichlorobenzene	13.834	146	27399	4.859	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1647	4.612	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	16418	4.827	ug/l	94
94) Hexachlorobutadiene	15.210	225	8496	4.997	ug/l	99
95) Naphthalene	15.339	128	27345	4.147	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.528	180	14547	4.840	ug/l	97

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Acq On : 11 Oct 2023 15:51
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Sample : VSTDICC005
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

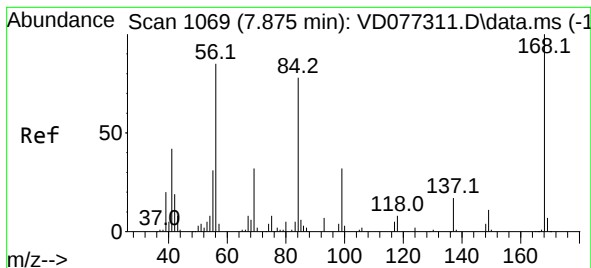
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

Quant Time: Oct 12 08:56:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 12 04:48:21 2023
Response via : Initial Calibration

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: VD077308.D

Acq: 11 Oct 2023 15:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:168 Resp: 24539

Ion Ratio Lower Upper

168 100

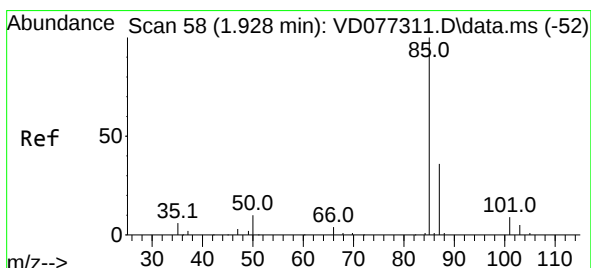
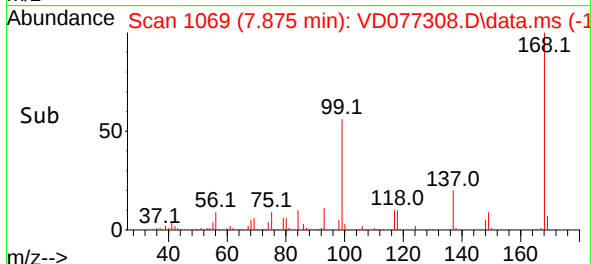
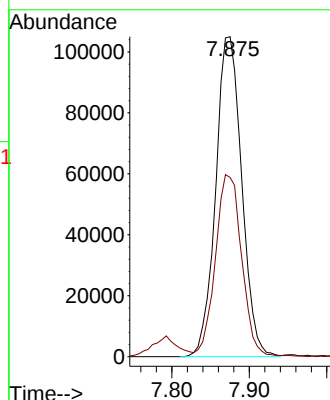
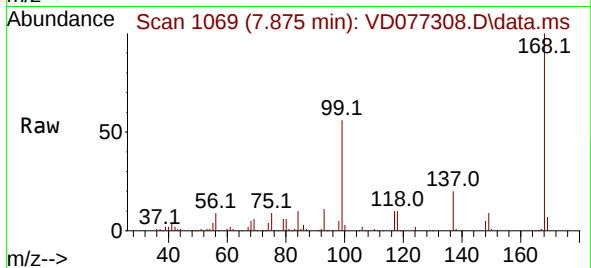
99 55.6 36.7 55.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#2

Dichlorodifluoromethane

Concen: 5.269 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD077308.D

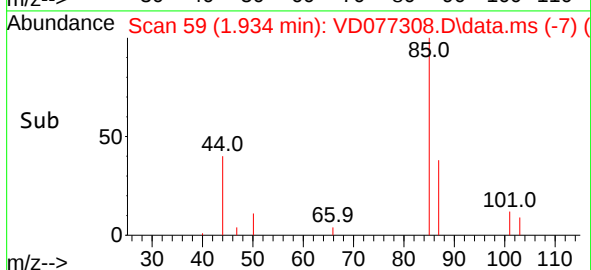
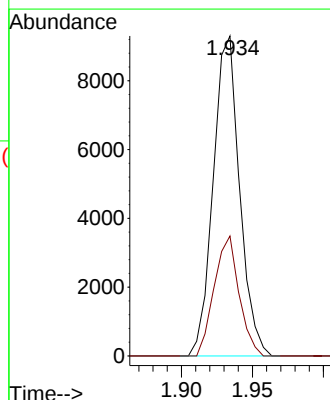
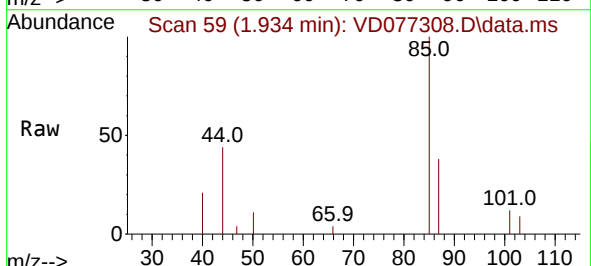
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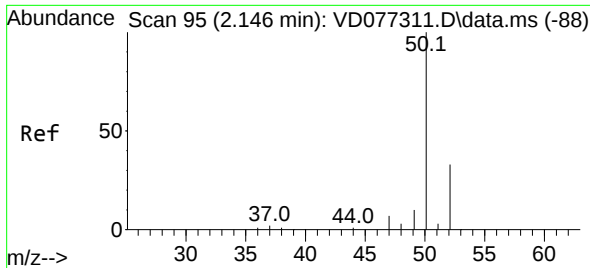
Tgt Ion: 85 Resp: 12011

Ion Ratio Lower Upper

85 100

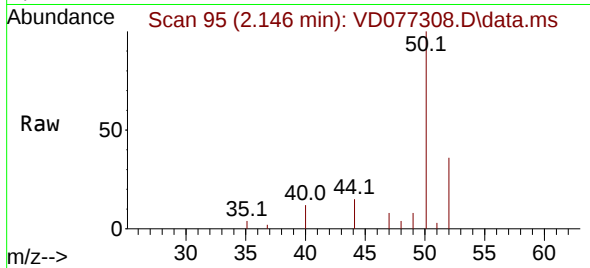
87 37.5 15.7 47.0





#3
Chloromethane
Concen: 4.950 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

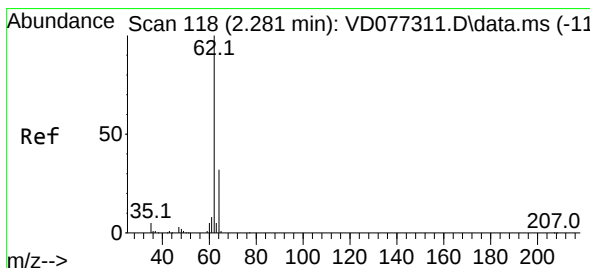
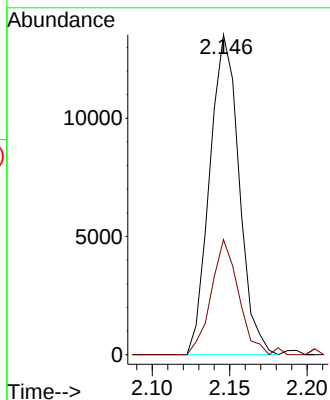
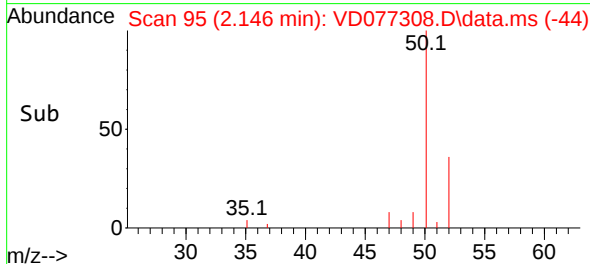
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 17869
Ion Ratio Lower Upper
50 100
52 35.9 26.6 40.0

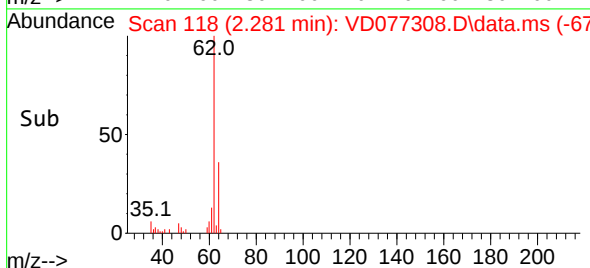
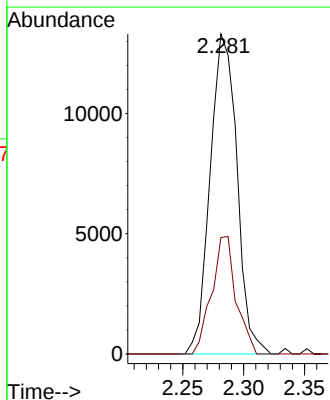
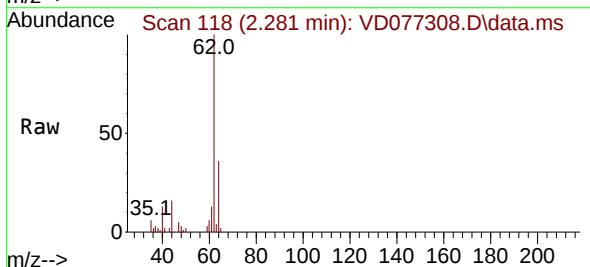
Manual Integrations
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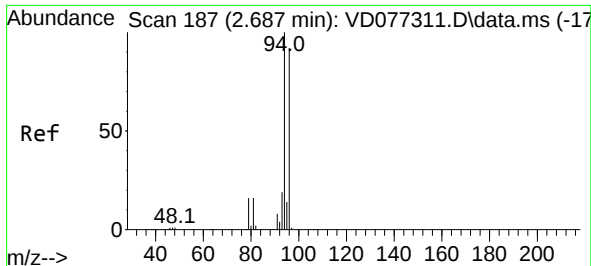
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#4
Vinyl Chloride
Concen: 5.171 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Tgt Ion: 62 Resp: 20366
Ion Ratio Lower Upper
62 100
64 36.4 26.0 39.0





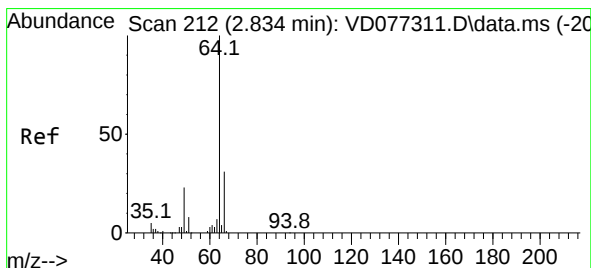
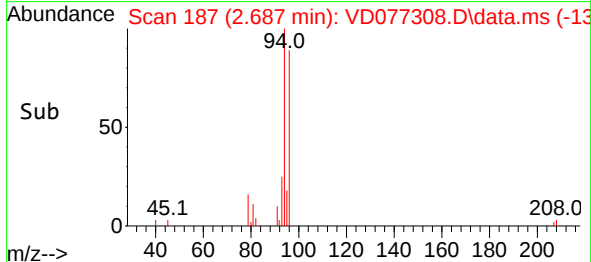
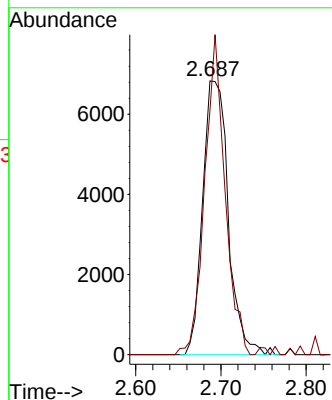
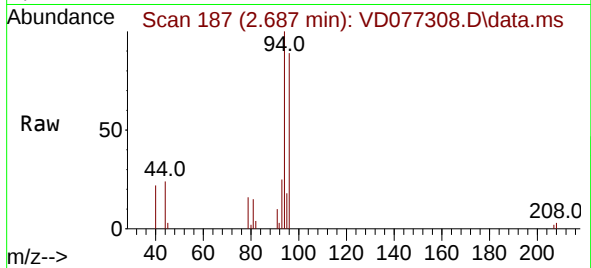
#5
Bromomethane
Concen: 5.158 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 1428
Ion Ratio Lower Upper
94 100
96 92.6 75.8 113.8

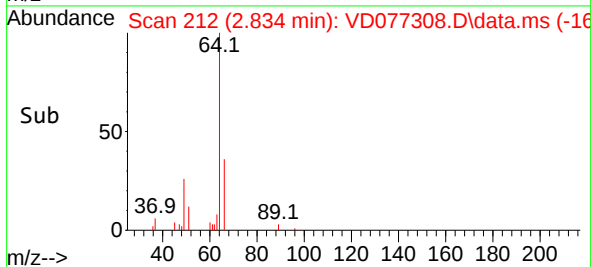
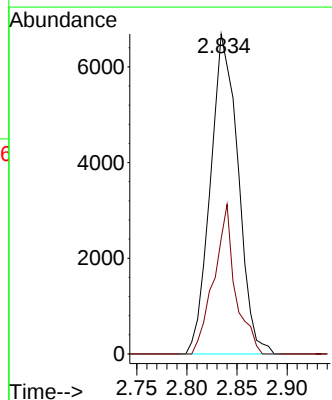
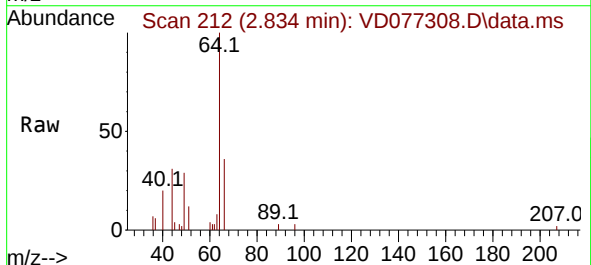
Manual Integrations
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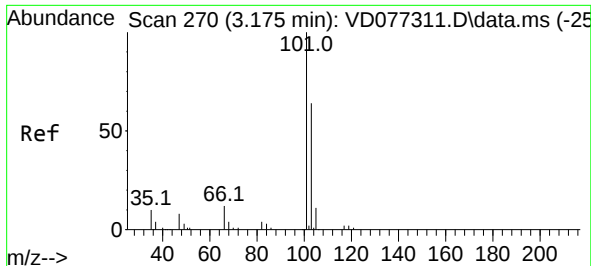
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#6
Chloroethane
Concen: 4.941 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

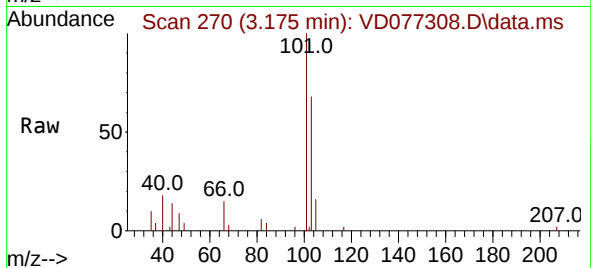
Tgt Ion: 64 Resp: 12846
Ion Ratio Lower Upper
64 100
66 36.0 25.5 38.3





#7
Trichlorofluoromethane
Concen: 5.483 ug/l
RT: 3.175 min Scan# 210
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

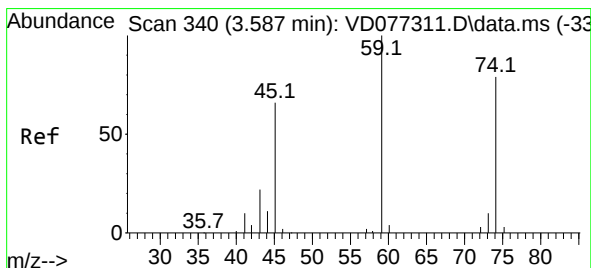
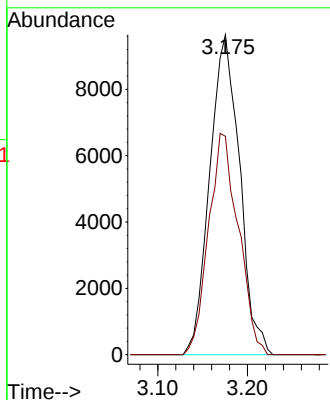
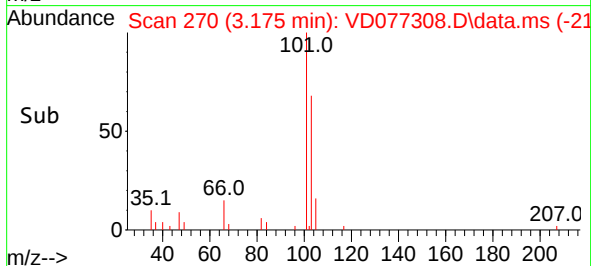
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



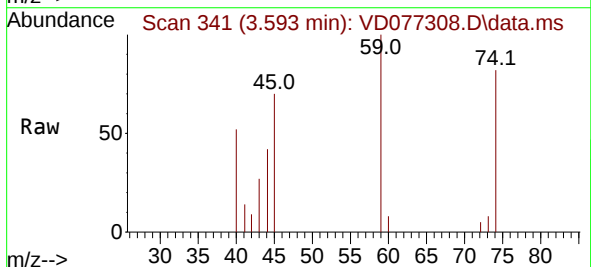
Tgt Ion:101 Resp: 22330
Ion Ratio Lower Upper
101 100
103 68.3 52.3 78.5

Manual Integrations
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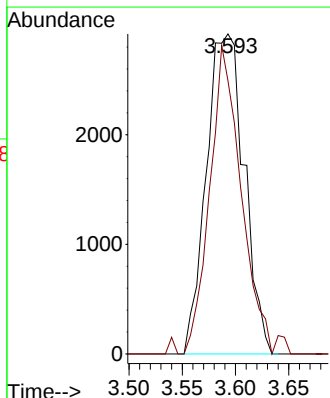
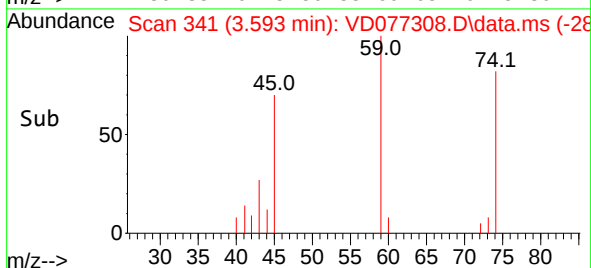
Reviewed By :Mahesh Dadoda 10/16/2023
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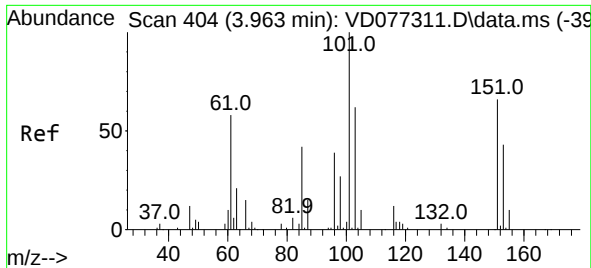


#8
Diethyl Ether
Concen: 5.081 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51



Tgt Ion: 74 Resp: 7213
Ion Ratio Lower Upper
74 100
45 81.3 37.5 112.7





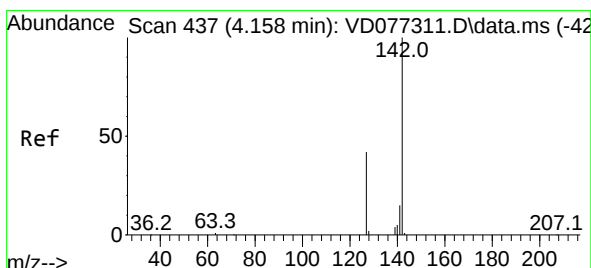
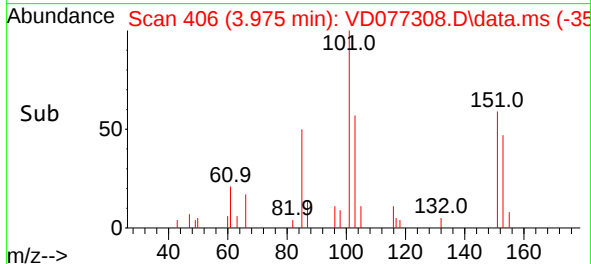
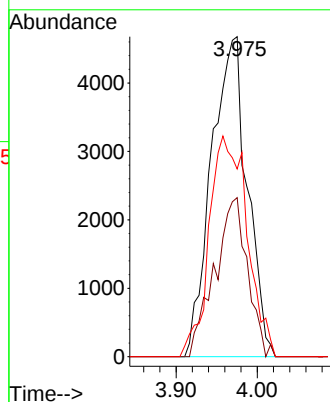
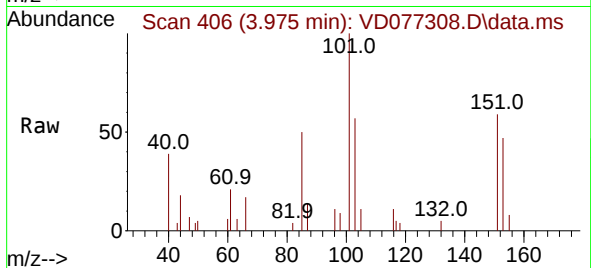
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.903 ug/l
RT: 3.975 min Scan# 404
Delta R.T. 0.012 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1437
Ion Ratio Lower Upper
101 100
85 45.6 33.8 50.6
151 72.9 59.8 89.6

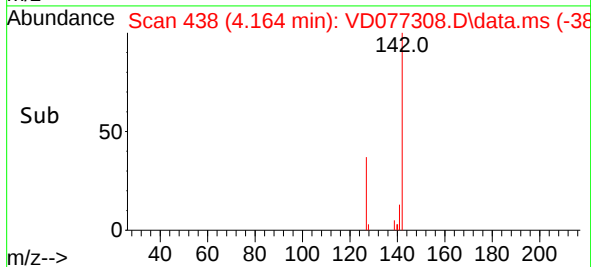
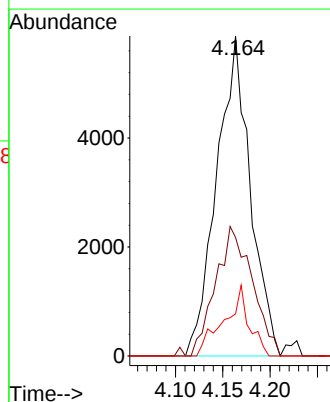
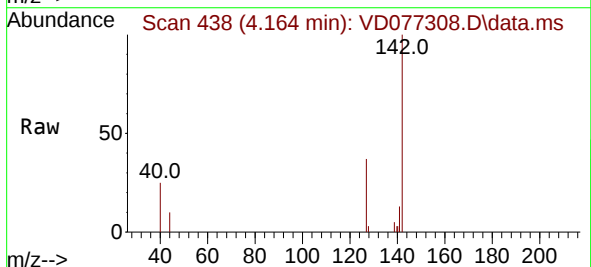
Manual Integrations
APPROVED

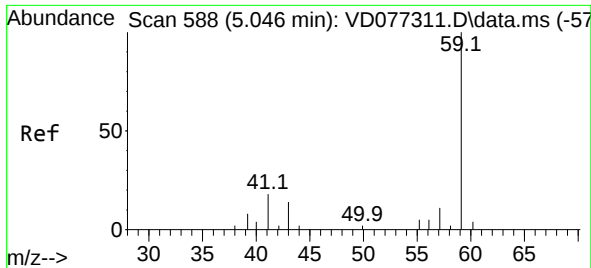
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#10
Methyl Iodide
Concen: 3.996 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

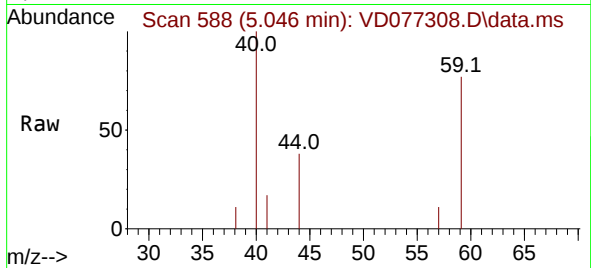
Tgt Ion:142 Resp: 14475
Ion Ratio Lower Upper
142 100
127 44.3 29.4 44.0#
141 16.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 22.765 ug/l
RT: 5.046 min Scan# 588
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

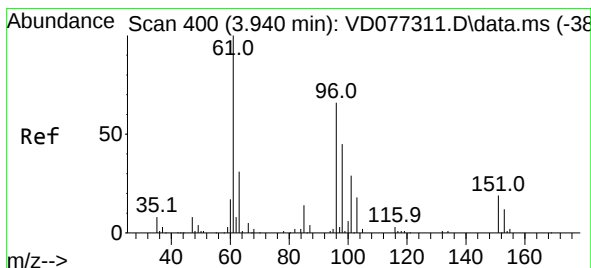
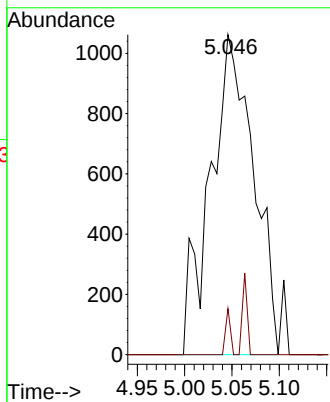
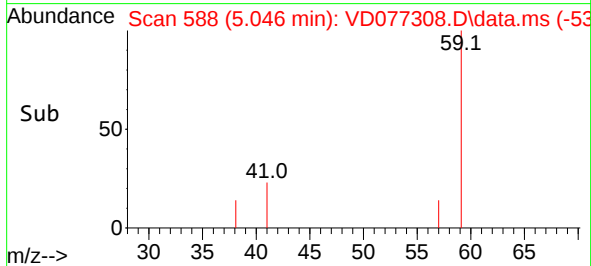
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



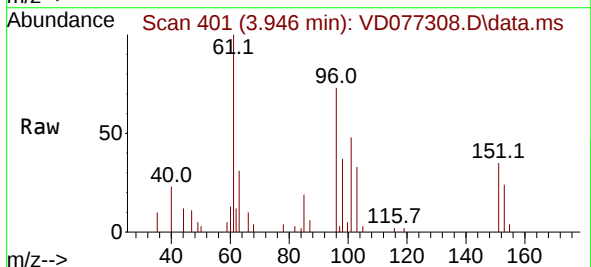
Tgt Ion: 59 Resp: 338
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8

Manual Integrations
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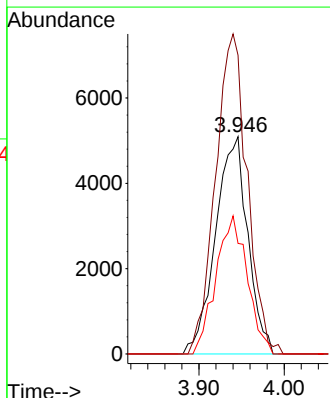
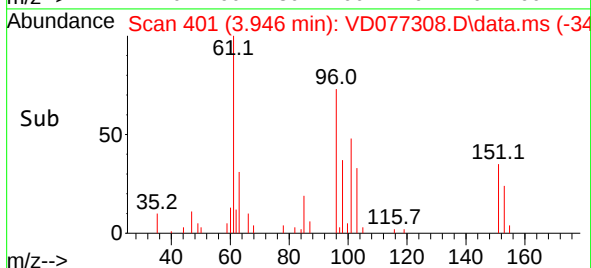
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

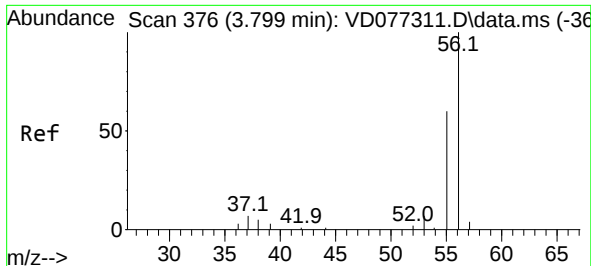


#12
1,1-Dichloroethene
Concen: 4.725 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51



Tgt Ion: 96 Resp: 13378
Ion Ratio Lower Upper
96 100
61 137.4 100.6 150.8
98 50.8 50.2 75.2





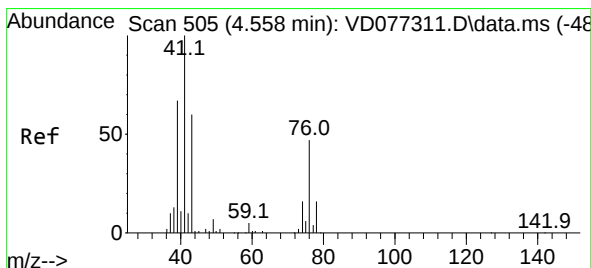
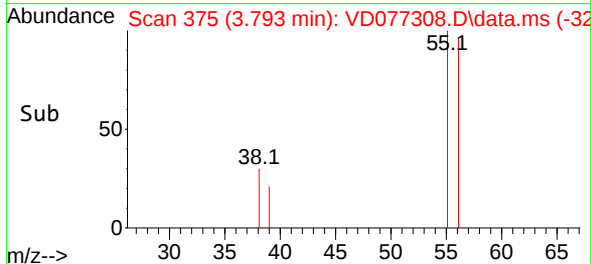
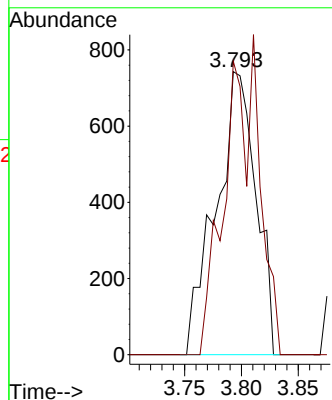
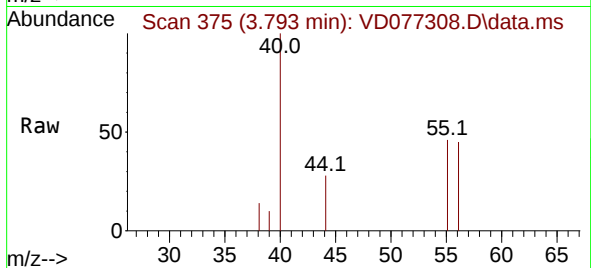
#13
Acrolein
Concen: 10.520 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 182
Ion Ratio Lower Upper
56 100
55 94.1 55.1 82.7

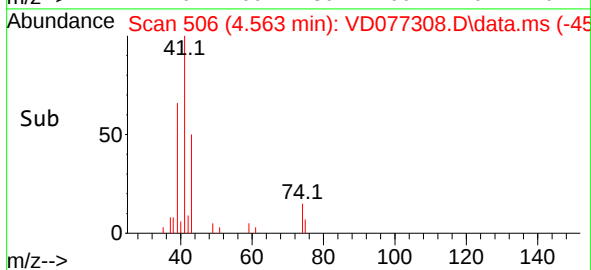
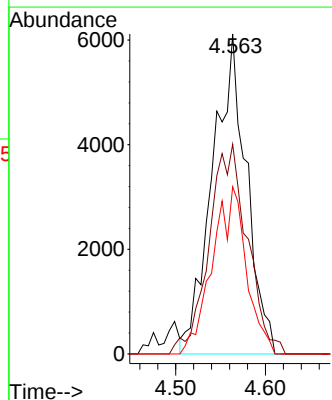
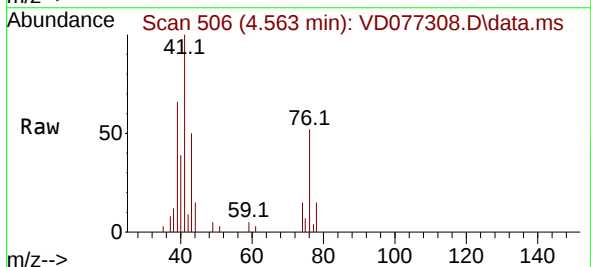
Manual Integrations
APPROVED

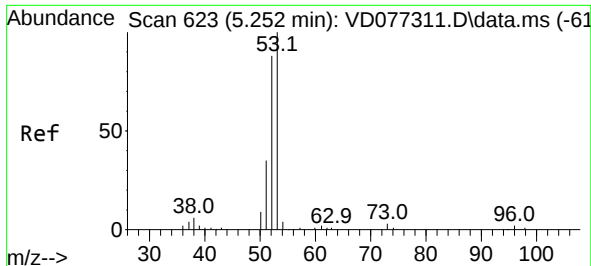
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#14
Allyl chloride
Concen: 4.119 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

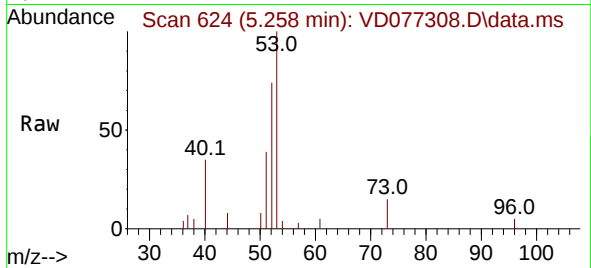
Tgt Ion: 41 Resp: 16038
Ion Ratio Lower Upper
41 100
39 74.0 53.8 80.6
76 52.3 45.8 68.8





#15
Acrylonitrile
Concen: 22.303 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

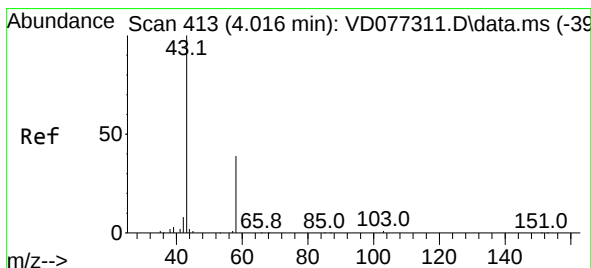
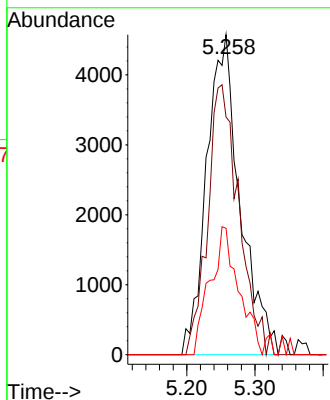
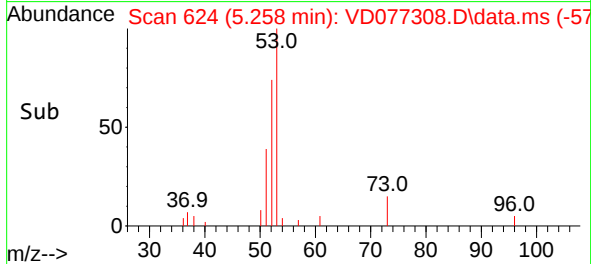
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 15584
Ion Ratio Lower Upper
53 100
52 79.0 65.0 97.4
51 34.4 28.3 42.5

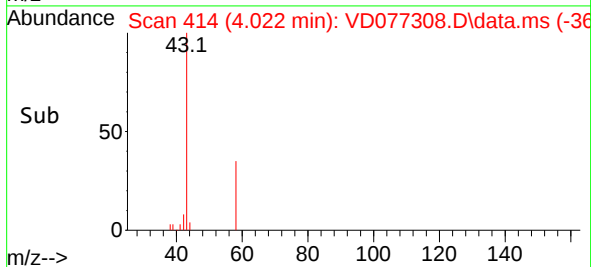
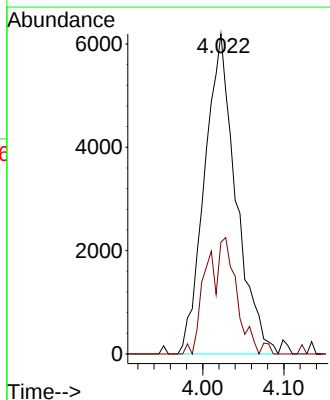
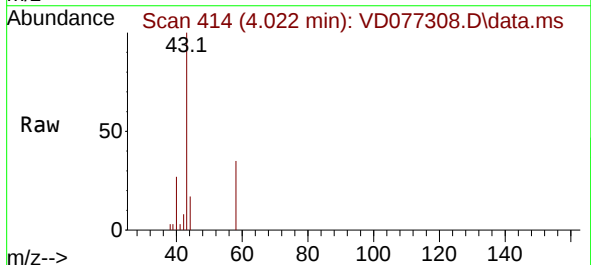
Manual Integrations
APPROVED

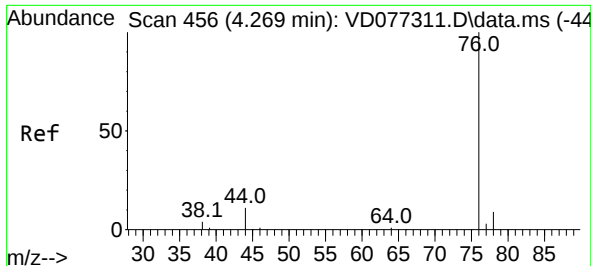
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#16
Acetone
Concen: 27.383 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

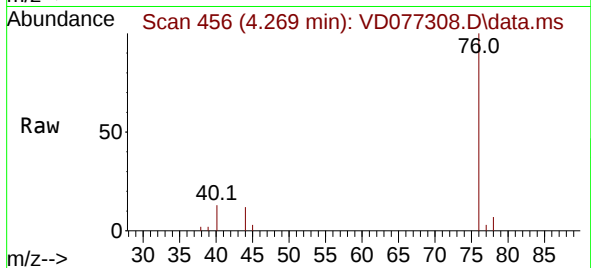
Tgt Ion: 43 Resp: 16637
Ion Ratio Lower Upper
43 100
58 35.0 34.7 52.1





#17
Carbon Disulfide
Concen: 4.607 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

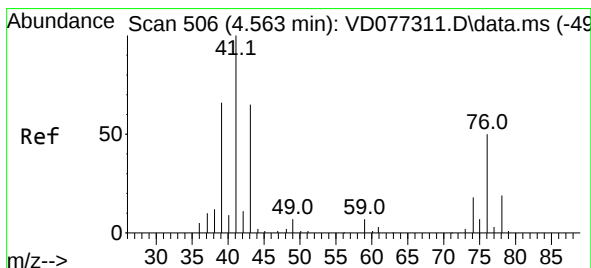
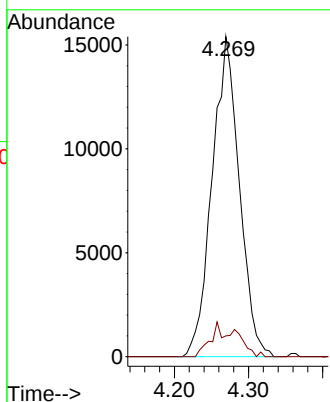
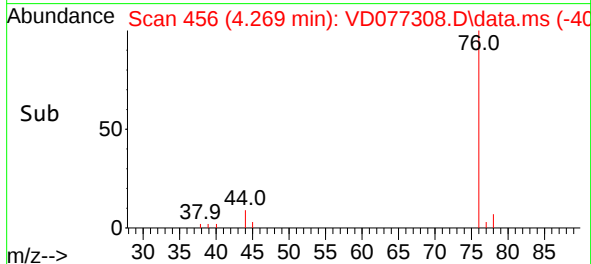
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



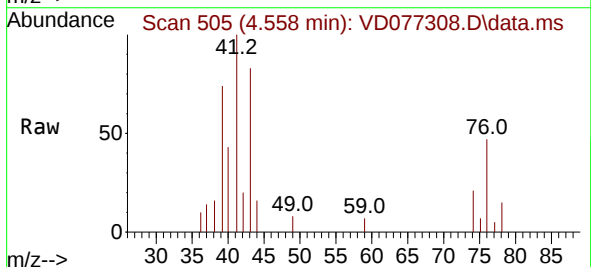
Tgt Ion: 76 Resp: 39364
Ion Ratio Lower Upper
76 100
78 6.5 6.8 10.25

Manual Integrations
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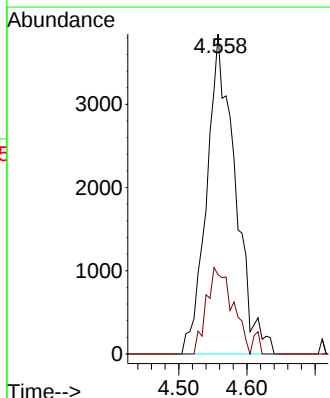
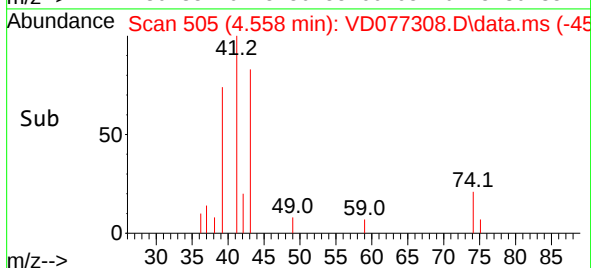
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

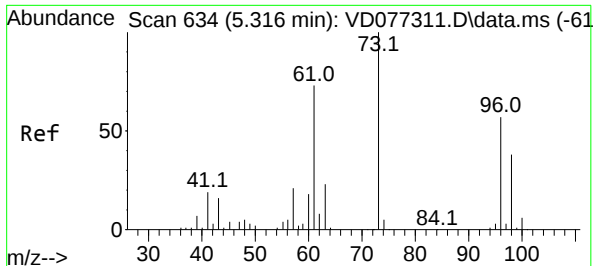


#18
Methyl Acetate
Concen: 4.644 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51



Tgt Ion: 43 Resp: 11216
Ion Ratio Lower Upper
43 100
74 24.7 26.4 39.6#





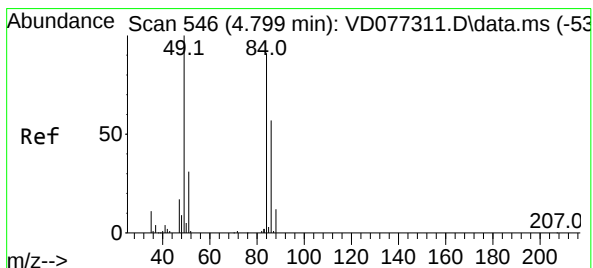
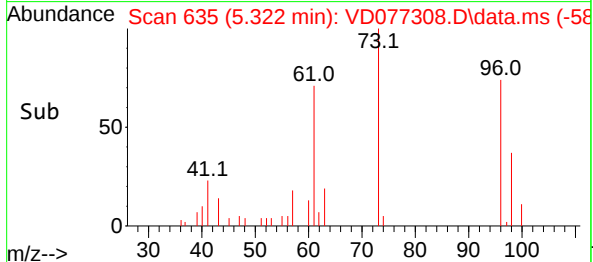
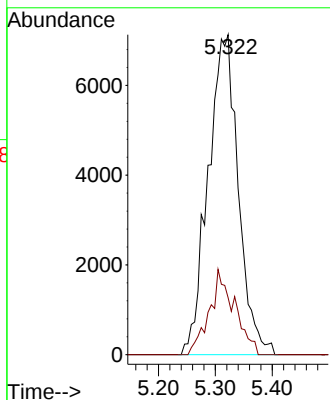
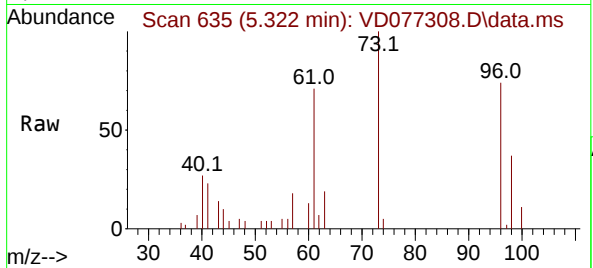
#19
Methyl tert-butyl Ether
Concen: 4.162 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 26299
Ion Ratio Lower Upper
73 100
57 17.8 16.6 25.0

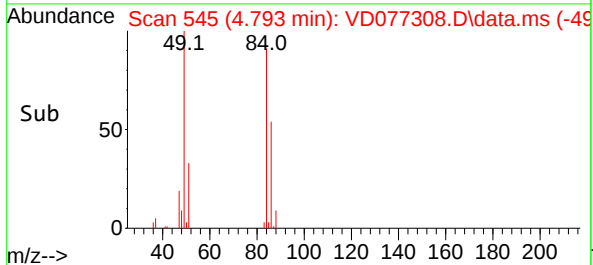
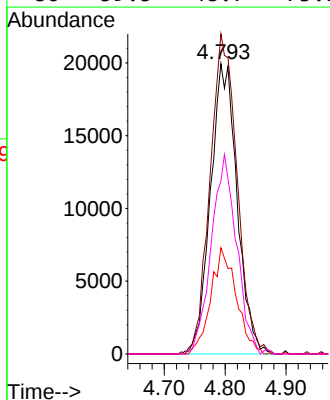
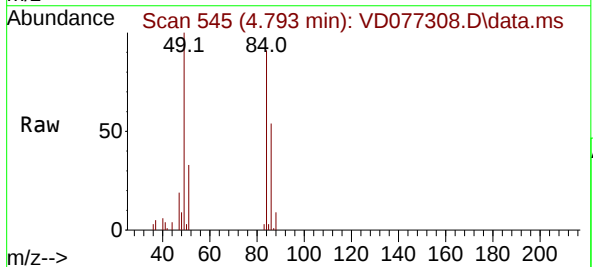
Manual Integrations
APPROVED

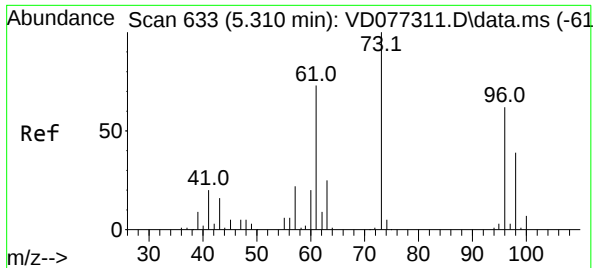
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#20
Methylene Chloride
Concen: 4.886 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Tgt Ion: 84 Resp: 60593
Ion Ratio Lower Upper
84 100
49 110.2 71.4 107.2#
51 36.6 24.5 36.7
86 59.5 48.7 73.1





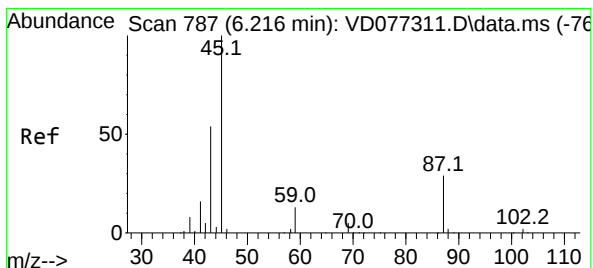
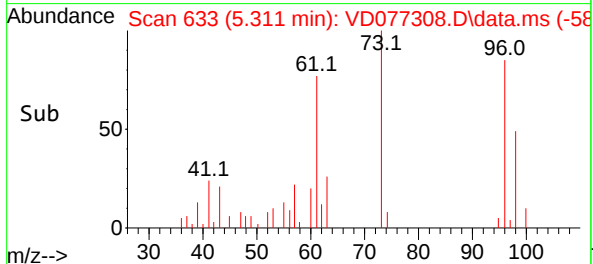
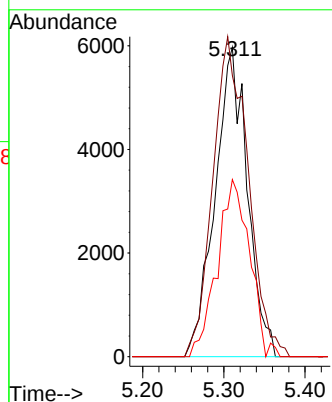
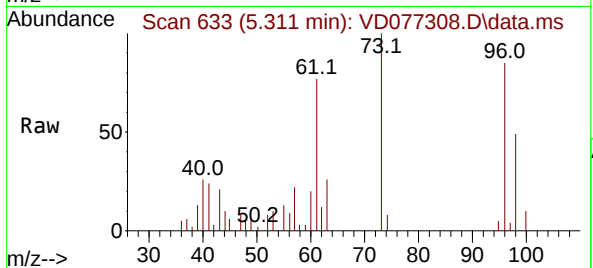
#21
trans-1,2-Dichloroethene
Concen: 4.878 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 16492
Ion Ratio Lower Upper
96 100
61 91.0 89.3 133.9
98 57.3 48.6 73.0

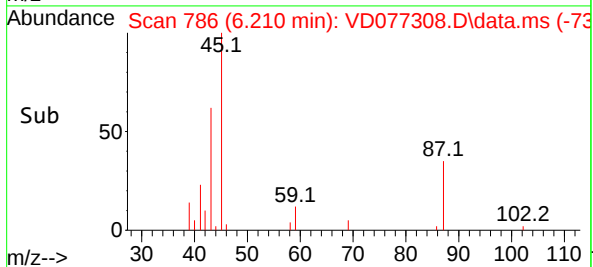
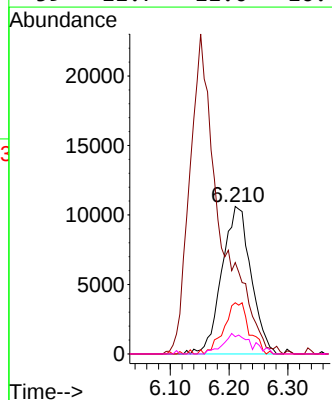
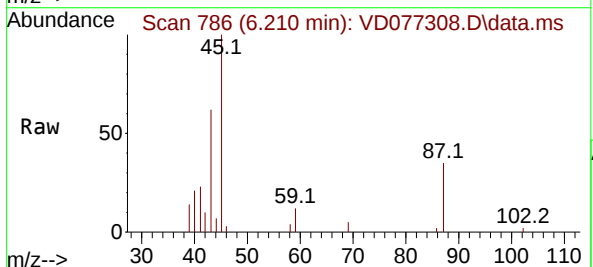
Manual Integrations
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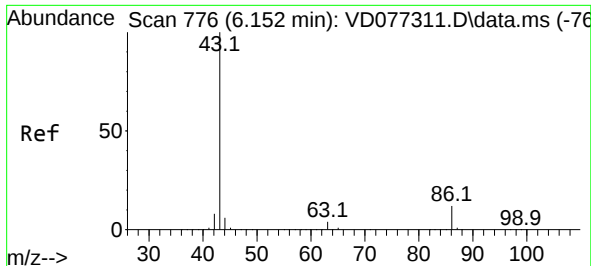
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#22
Diisopropyl ether
Concen: 4.138 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Tgt Ion: 45 Resp: 36497
Ion Ratio Lower Upper
45 100
43 60.3 40.0 60.0#
87 34.7 28.2 42.4
59 11.7 11.0 16.4





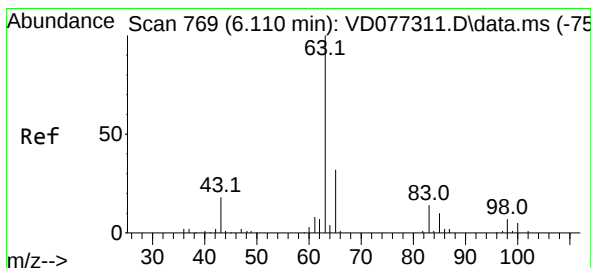
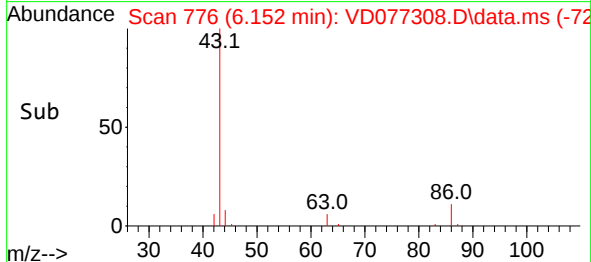
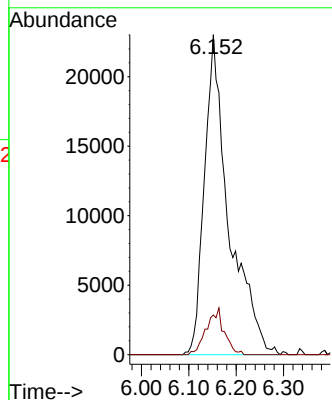
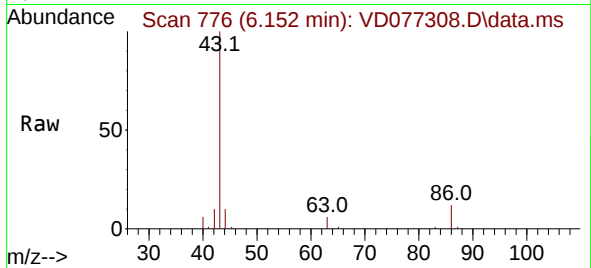
#23
 Vinyl Acetate
 Concen: 20.042 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD077308.D
 Acq: 11 Oct 2023 15:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 82834
 Ion Ratio Lower Upper
 43 100
 86 12.4 12.5 18.7

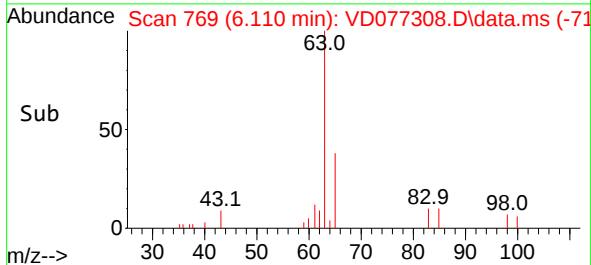
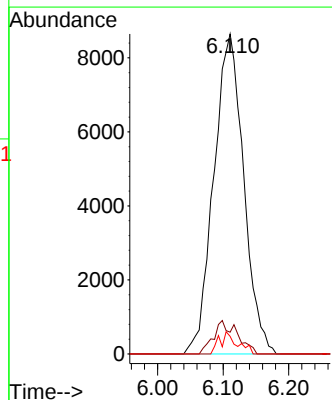
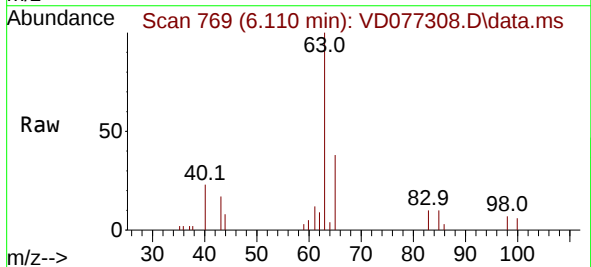
Manual Integrations
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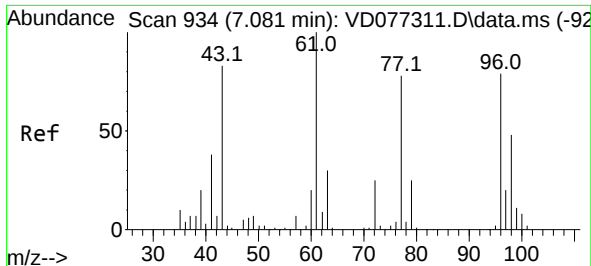
Reviewed By :Mahesh Dadoda 10/16/2023
 Supervised By :Semsettin Yesilyurt 10/16/2023



#24
 1,1-Dichloroethane
 Concen: 4.670 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077308.D
 Acq: 11 Oct 2023 15:51

Tgt Ion: 63 Resp: 27385
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.5 13.7
 100 5.5 2.5 7.5





#25

2-Butanone

Concen: 22.059 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD077308.D

Acq: 11 Oct 2023 15:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 17854

Ion Ratio Lower Upper

43 100

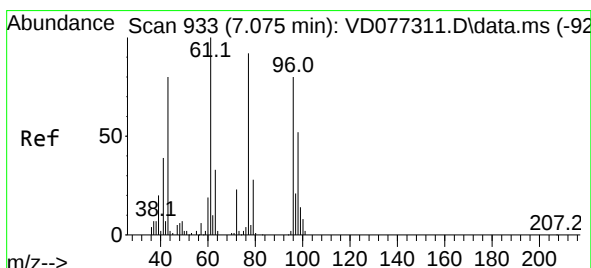
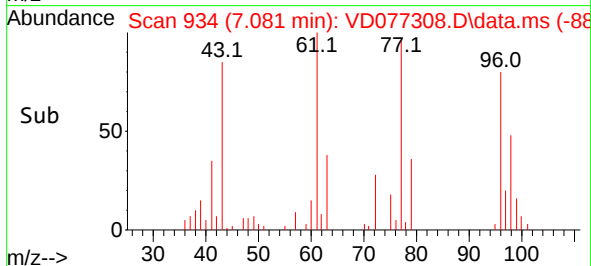
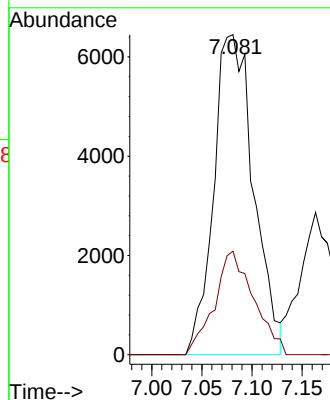
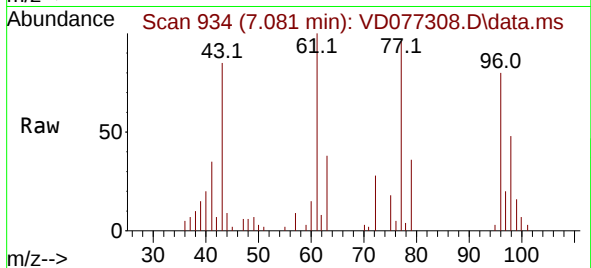
72 32.4 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#26

2,2-Dichloropropane

Concen: 4.572 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD077308.D

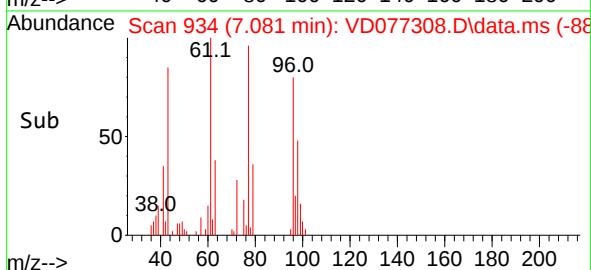
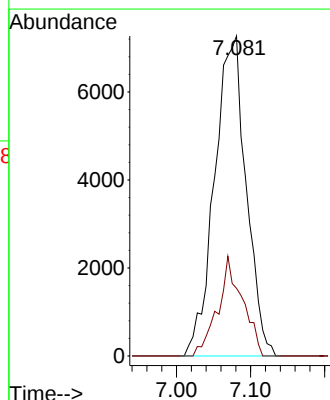
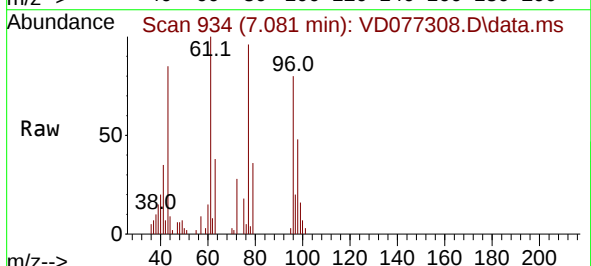
Acq: 11 Oct 2023 15:51

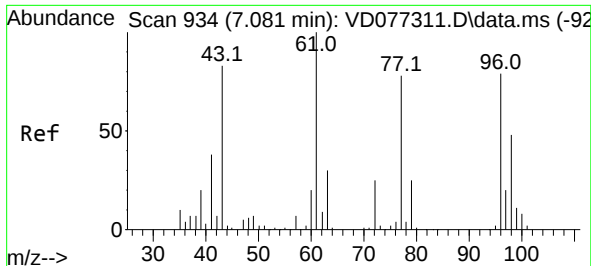
Tgt Ion: 77 Resp: 21557

Ion Ratio Lower Upper

77 100

97 24.3 13.2 39.6





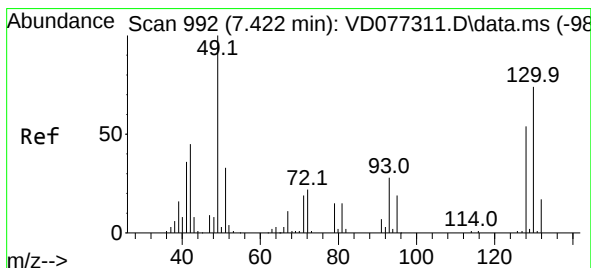
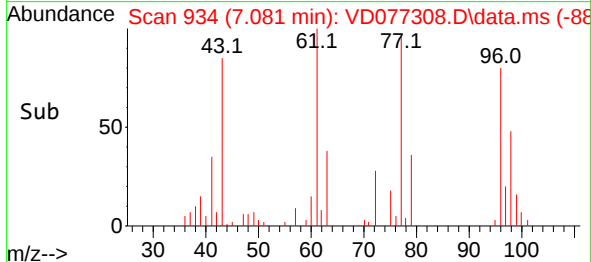
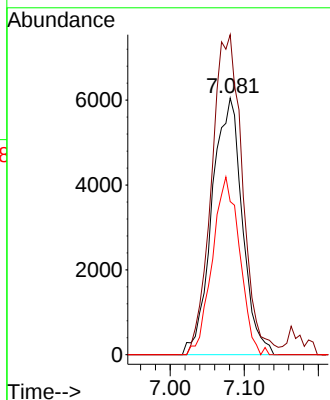
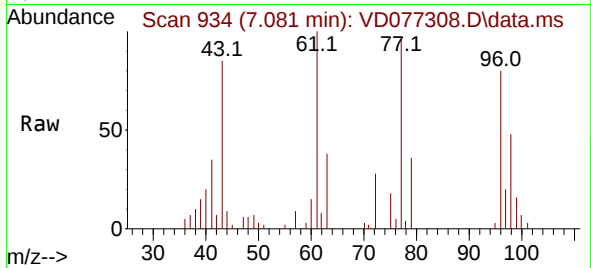
#27
 cis-1,2-Dichloroethene
 Concen: 4.540 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077308.D
 Acq: 11 Oct 2023 15:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 1718
 Ion Ratio Lower Upper
 96 100
 61 127.1 0.0 239.2
 98 62.4 0.0 128.6

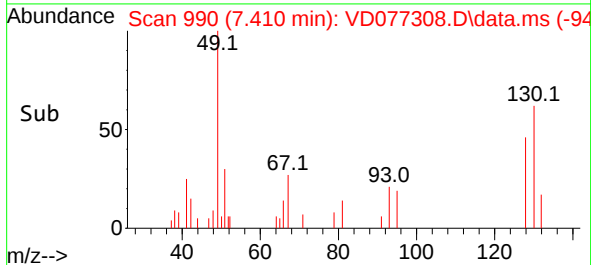
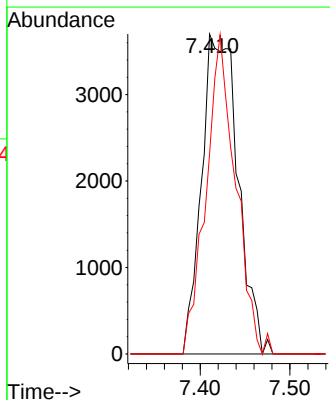
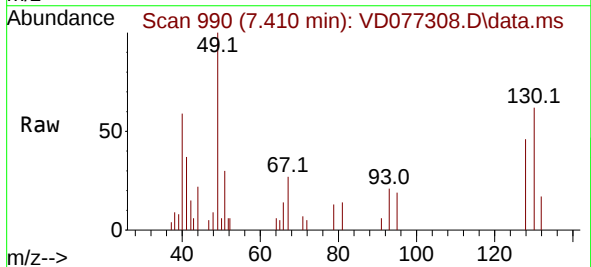
Manual Integrations
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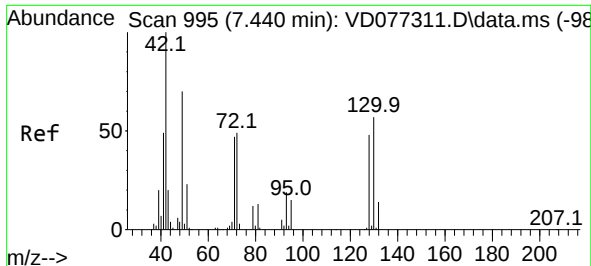
Reviewed By :Mahesh Dadoda 10/16/2023
 Supervised By :Semsettin Yesilyurt 10/16/2023



#28
 Bromochloromethane
 Concen: 4.467 ug/l
 RT: 7.410 min Scan# 990
 Delta R.T. -0.012 min
 Lab File: VD077308.D
 Acq: 11 Oct 2023 15:51

Tgt Ion: 49 Resp: 10368
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 6.0
 130 80.8 83.2 124.8#





#29

Tetrahydrofuran

Concen: 20.981 ug/l

RT: 7.434 min Scan# 995

Delta R.T. -0.006 min

Lab File: VD077308.D

Acq: 11 Oct 2023 15:51

Instrument :

MSVOA_D

ClientSampleId :

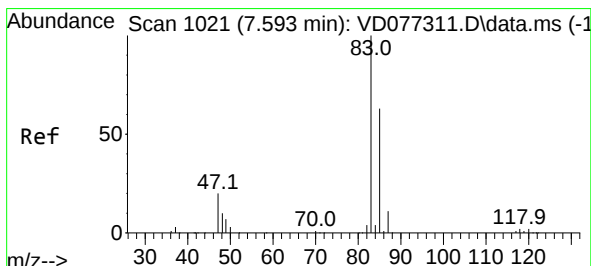
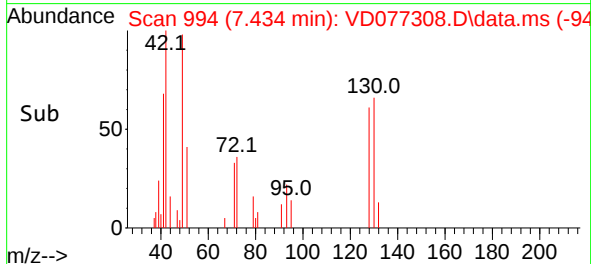
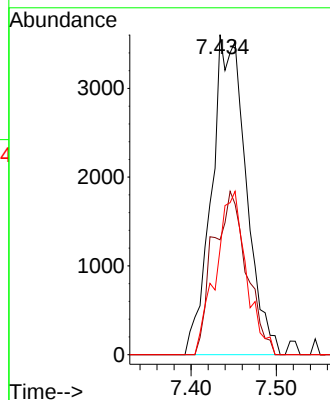
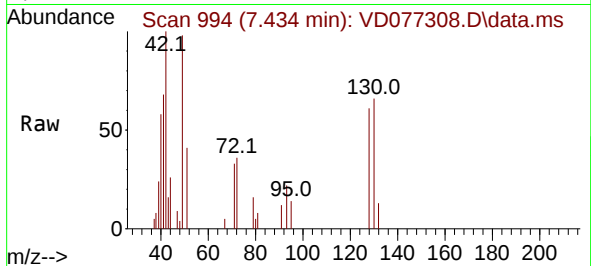
VSTDIC005

Tgt Ion:	42	Resp:	1013
Ion Ratio	Lower	Upper	
42	100		
72	49.7	46.5	69.7
71	45.1	44.5	66.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#30

Chloroform

Concen: 4.739 ug/l

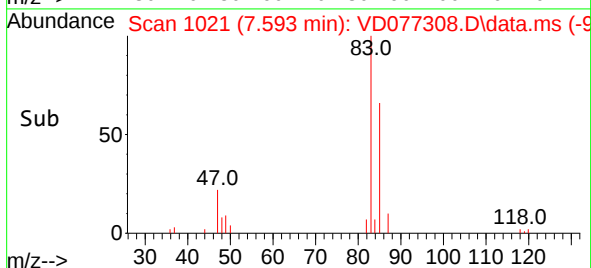
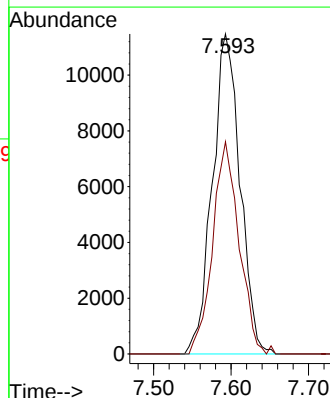
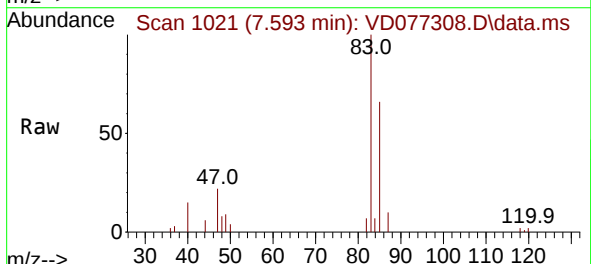
RT: 7.593 min Scan# 1021

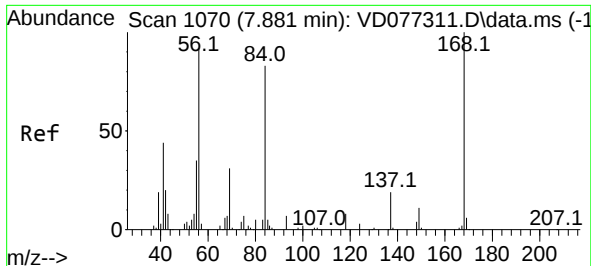
Delta R.T. 0.000 min

Lab File: VD077308.D

Acq: 11 Oct 2023 15:51

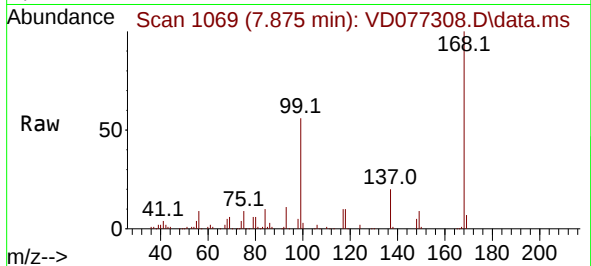
Tgt Ion:	83	Resp:	28476
Ion Ratio	Lower	Upper	
83	100		
85	66.3	53.4	80.2





#31
Cyclohexane
Concen: 5.190 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

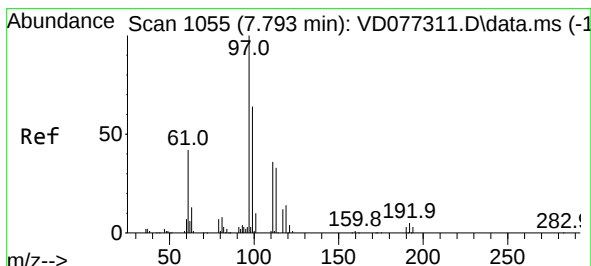
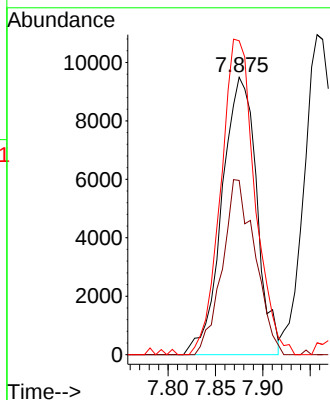
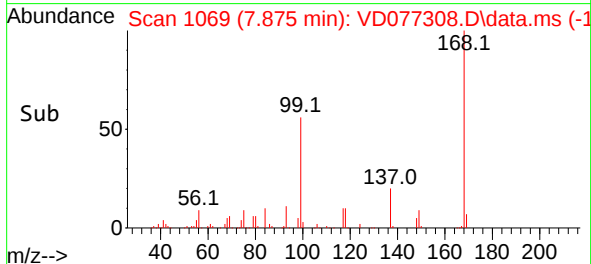
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



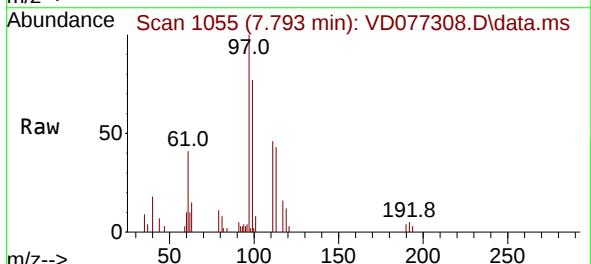
Tgt Ion: 56 Resp: 24198
Ion Ratio Lower Upper
56 100
69 62.8 28.6 43.0
84 113.1 84.8 127.2

Manual Integrations
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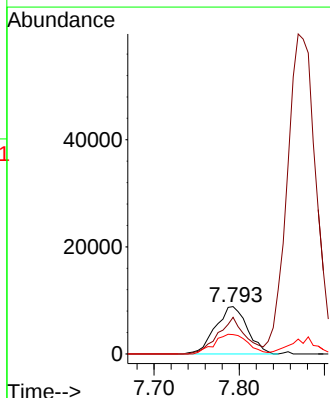
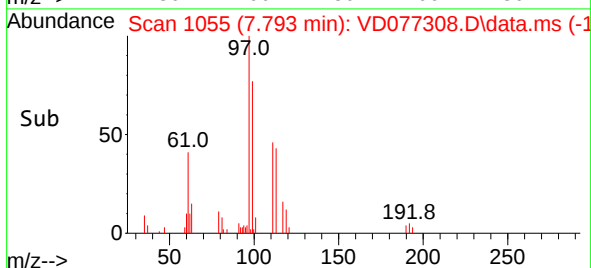
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

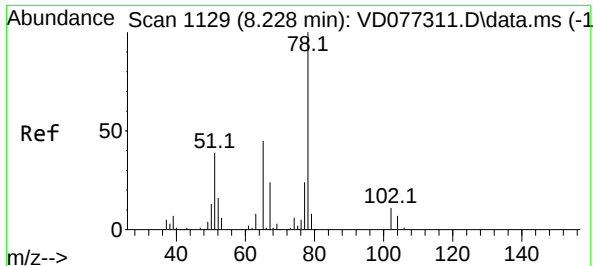


#32
1,1,1-Trichloroethane
Concen: 4.744 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51



Tgt Ion: 97 Resp: 22859
Ion Ratio Lower Upper
97 100
99 67.5 52.0 78.0
61 44.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 4.920 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077308.D

Acq: 11 Oct 2023 15:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 965

Ion Ratio Lower Upper

65 100

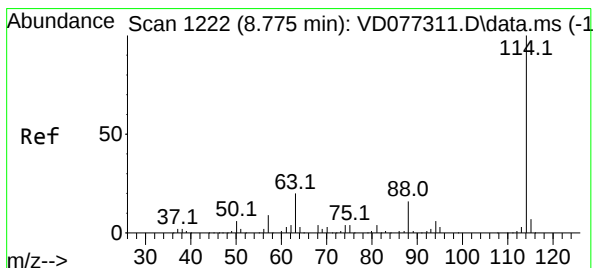
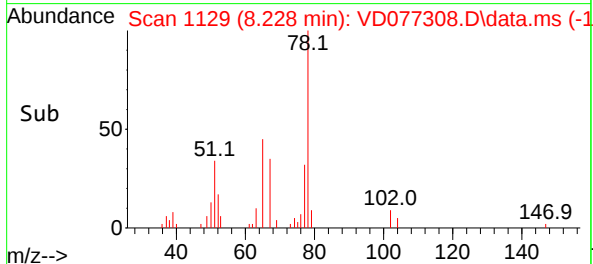
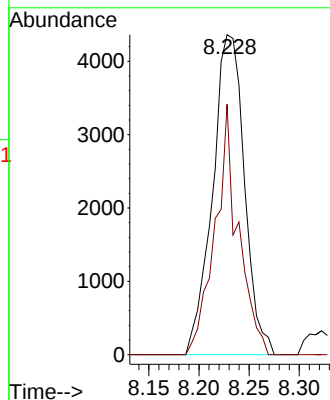
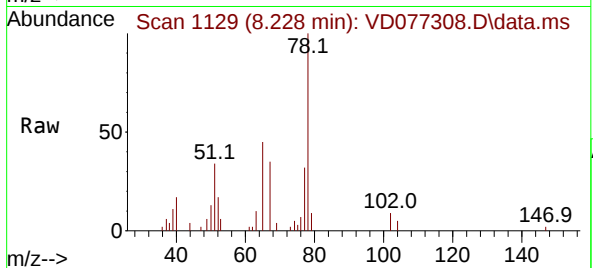
67 56.9 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077308.D

Acq: 11 Oct 2023 15:51

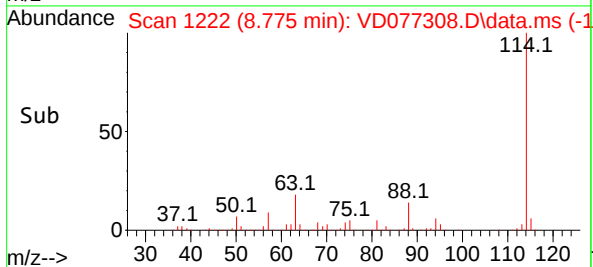
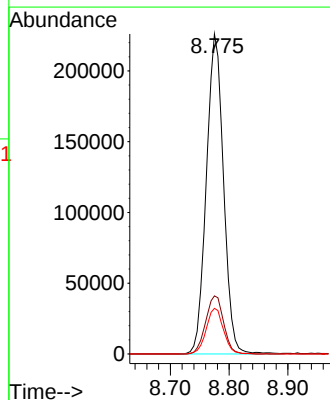
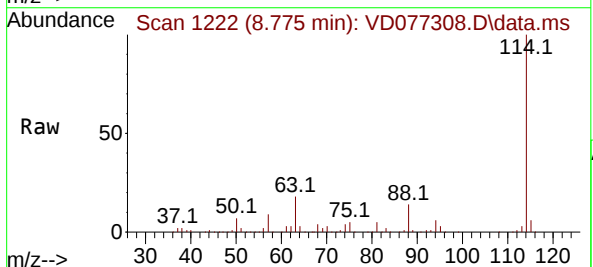
Tgt Ion:114 Resp: 458682

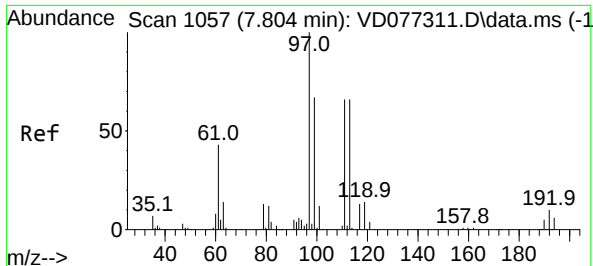
Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 14.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 4.696 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD077308.D

Acq: 11 Oct 2023 15:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:113 Resp: 1144

Ion Ratio Lower Upper

113 100

111 103.2 84.7 127.1

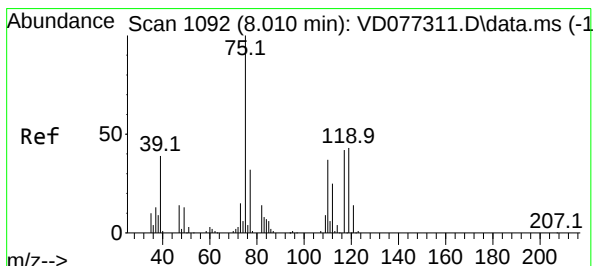
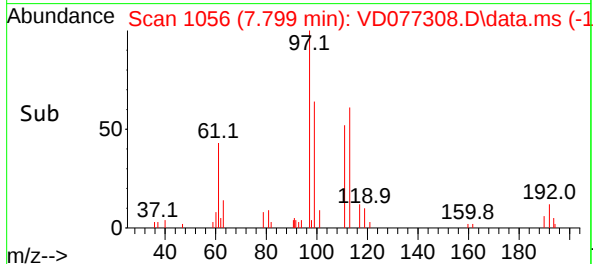
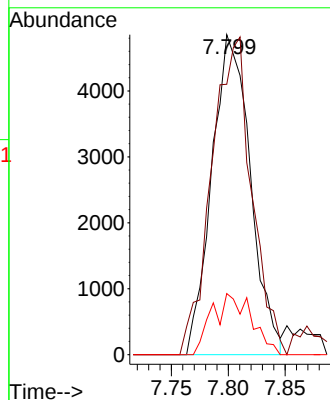
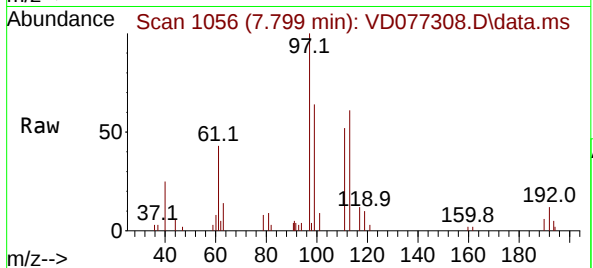
192 19.5 16.8 25.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#36

1,1-Dichloropropene

Concen: 4.654 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD077308.D

Acq: 11 Oct 2023 15:51

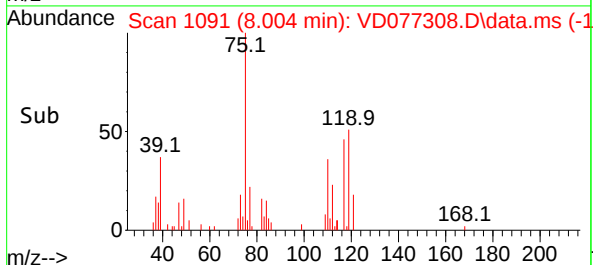
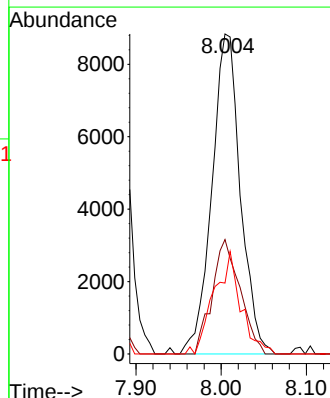
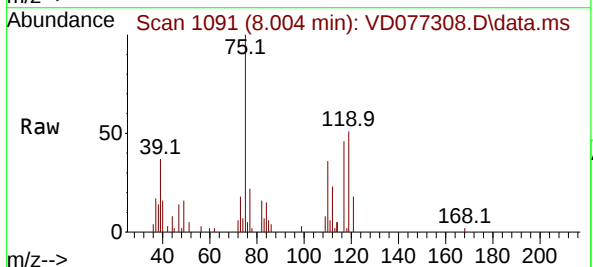
Tgt Ion: 75 Resp: 20559

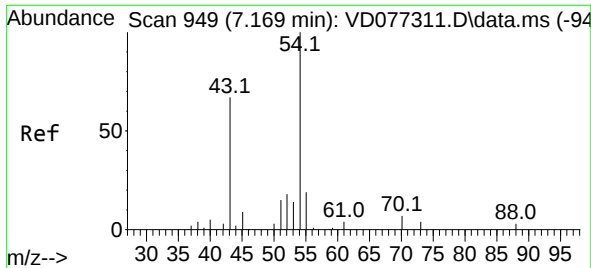
Ion Ratio Lower Upper

75 100

110 35.1 19.9 59.6

77 30.2 24.7 37.1





#37

Ethyl Acetate

Concen: 4.379 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD077308.D

Acq: 11 Oct 2023 15:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

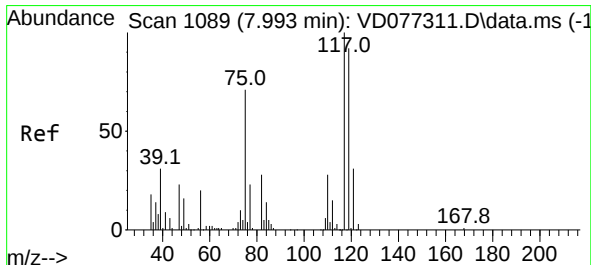
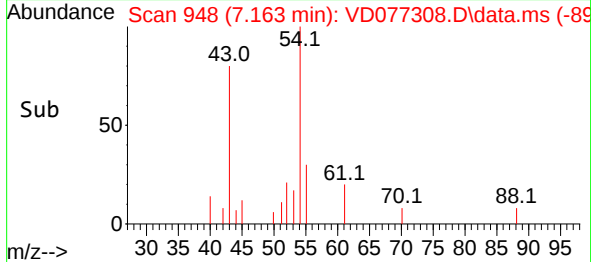
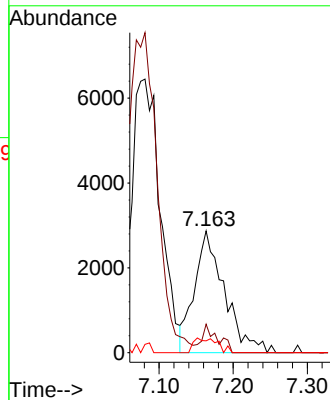
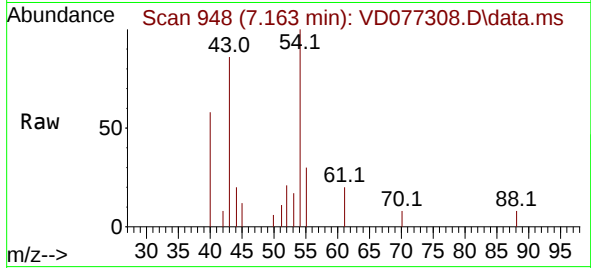
Tgt Ion: 43	Resp: 8110
Ion Ratio	Lower Upper
43 100	
61 12.3	14.9 22.3
70 9.4	10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#38

Carbon Tetrachloride

Concen: 4.578 ug/l

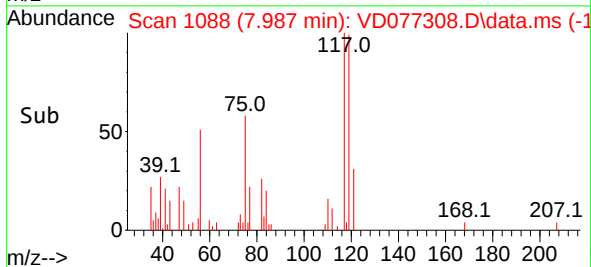
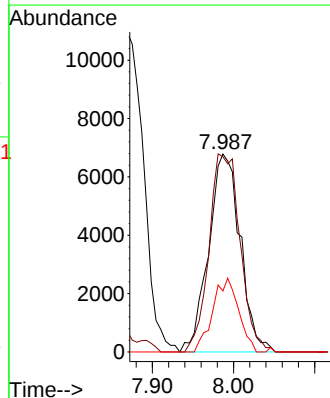
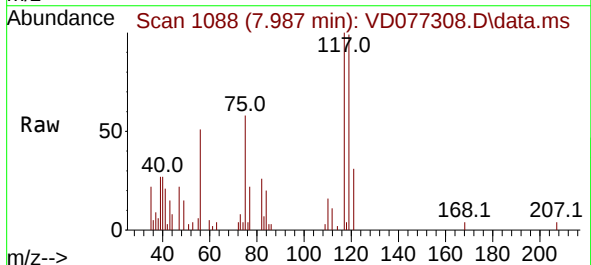
RT: 7.987 min Scan# 1088

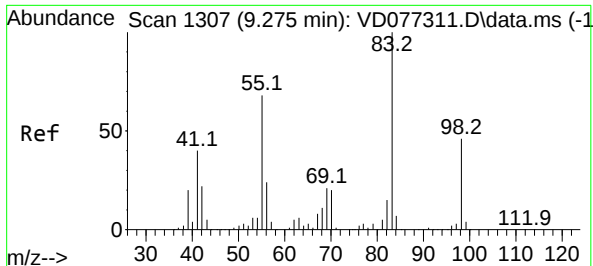
Delta R.T. -0.006 min

Lab File: VD077308.D

Acq: 11 Oct 2023 15:51

Tgt Ion:117	Resp: 18345
Ion Ratio	Lower Upper
117 100	
119 98.6	78.0 117.0
121 30.8	24.2 36.2





#39

Methylcyclohexane

Concen: 4.367 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD077308.D

Acq: 11 Oct 2023 15:51

Instrument :

MSVOA_D

ClientSampleId :

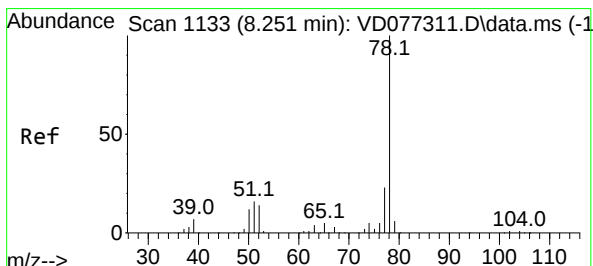
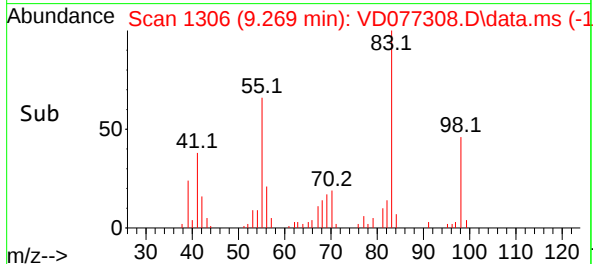
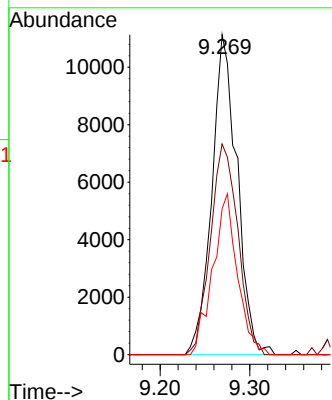
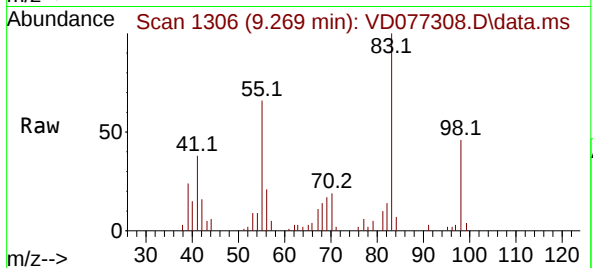
VSTDICC005

Tgt Ion: 83 Resp: 21738
 Ion Ratio Lower Upper
 83 100
 55 65.9 49.4 74.0
 98 45.6 38.4 57.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/16/2023
 Supervised By :Semsettin Yesilyurt 10/16/2023



#40

Benzene

Concen: 4.524 ug/l

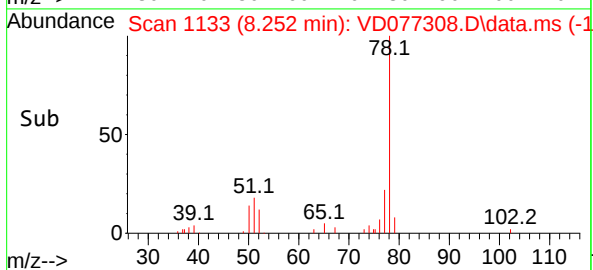
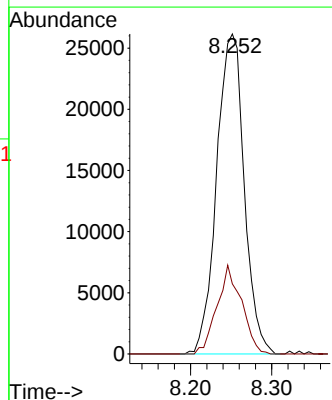
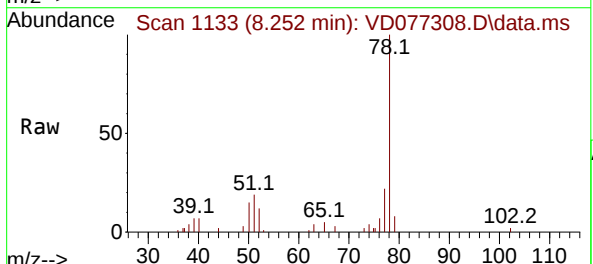
RT: 8.252 min Scan# 1133

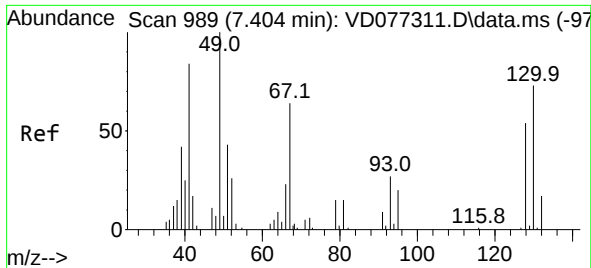
Delta R.T. 0.000 min

Lab File: VD077308.D

Acq: 11 Oct 2023 15:51

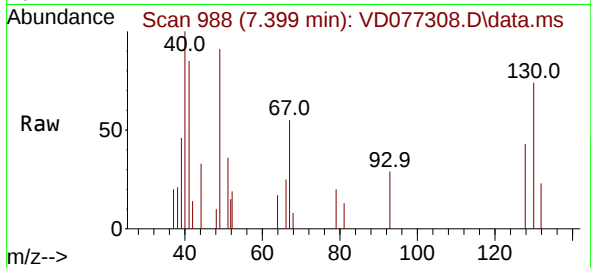
Tgt Ion: 78 Resp: 61656
 Ion Ratio Lower Upper
 78 100
 77 21.9 19.4 29.0





#41
Methacrylonitrile
Concen: 3.853 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

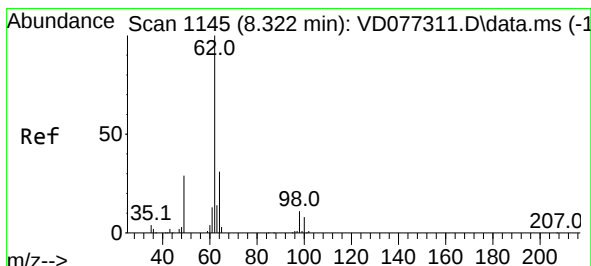
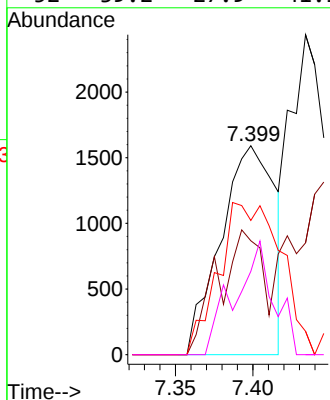
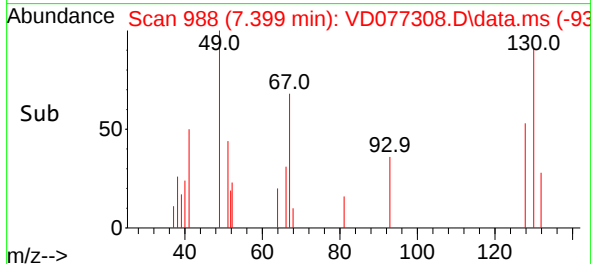
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



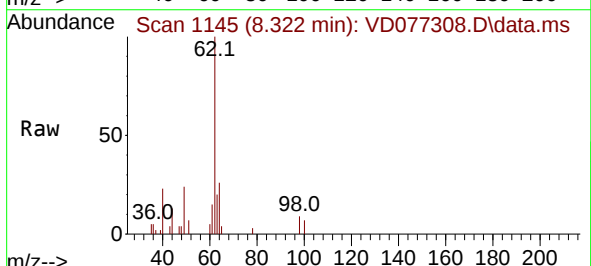
Tgt Ion:	41	Resp:	385
Ion	Ratio	Lower	Upper
41	100		
39	49.2	34.0	51.0
67	85.5	77.0	115.4
52	39.2	27.9	41.9

Manual Integrations
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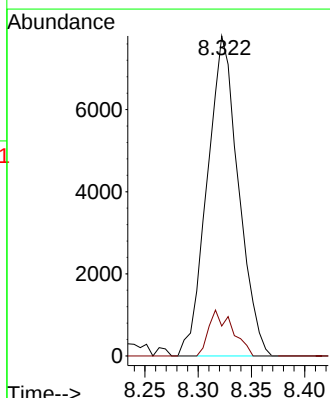
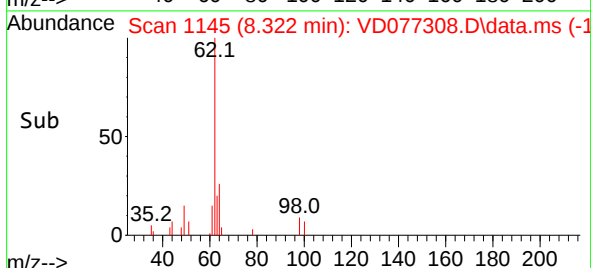
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

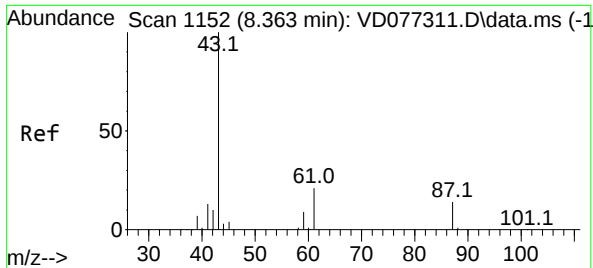


#42
1,2-Dichloroethane
Concen: 4.849 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51



Tgt Ion:	62	Resp:	15885
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	25.4





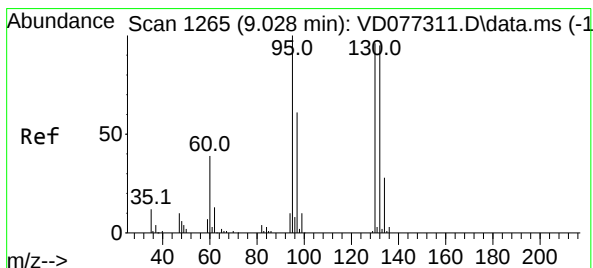
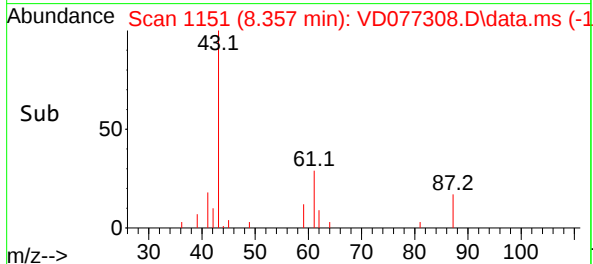
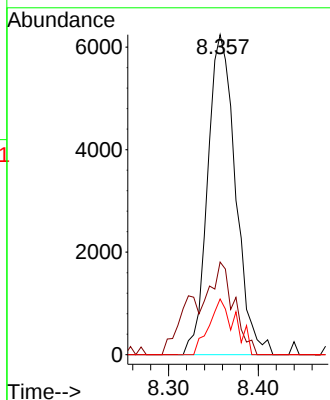
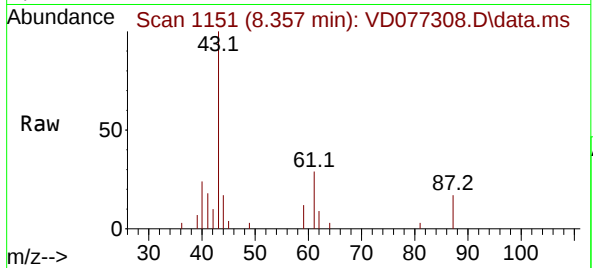
#43
Isopropyl Acetate
Concen: 4.098 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Instrument : MSVOA_D
ClientSampleId : VSTDIC005

Tgt Ion: 43 Resp: 13458
Ion Ratio Lower Upper
43 100
61 26.7 31.4 47.0
87 16.3 14.9 22.3

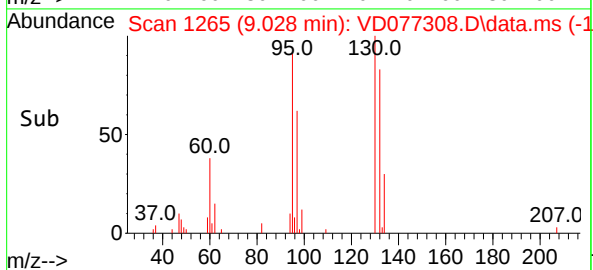
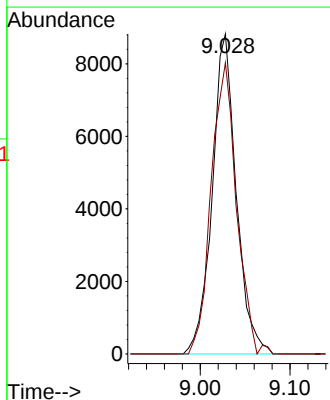
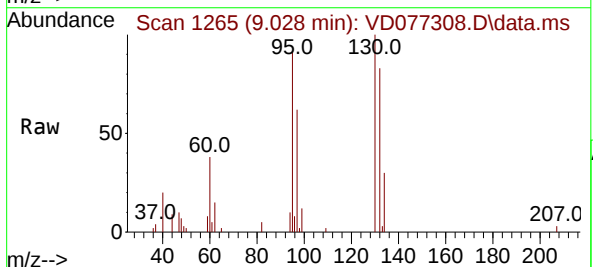
Manual Integrations
APPROVED

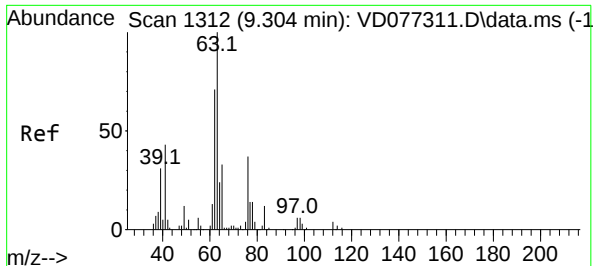
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#44
Trichloroethene
Concen: 4.916 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Tgt Ion:130 Resp: 16416
Ion Ratio Lower Upper
130 100
95 91.0 0.0 179.2





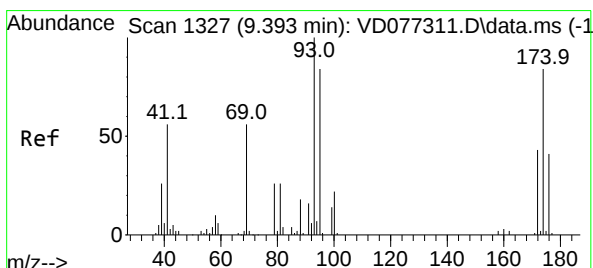
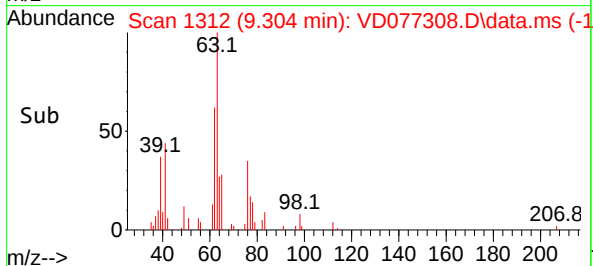
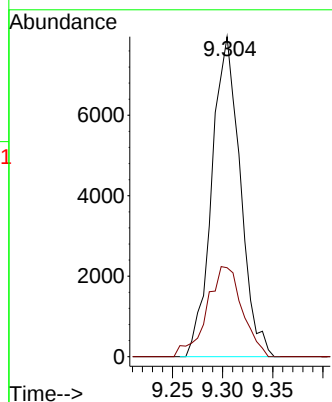
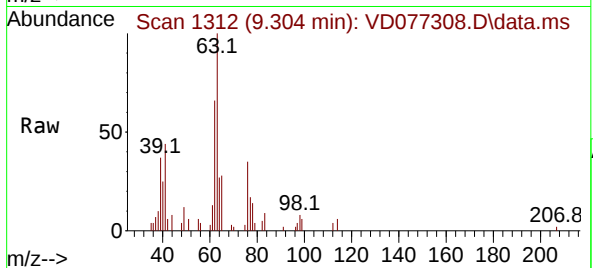
#45
1,2-Dichloropropane
Concen: 4.470 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 1566
Ion Ratio Lower Upper
63 100
65 27.8 24.5 36.7

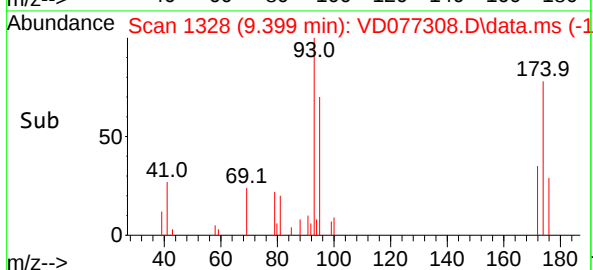
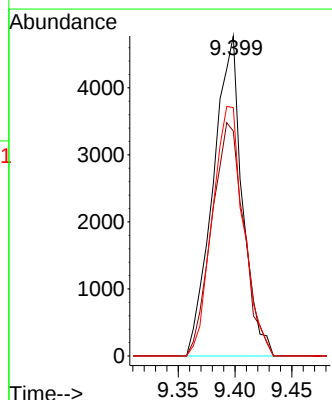
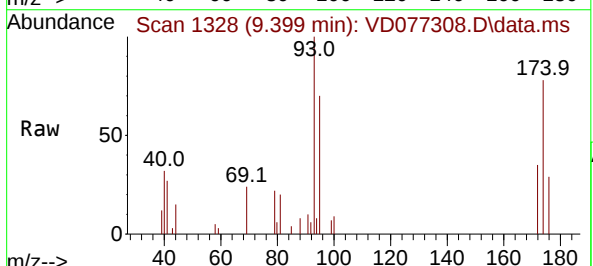
Manual Integrations
APPROVED

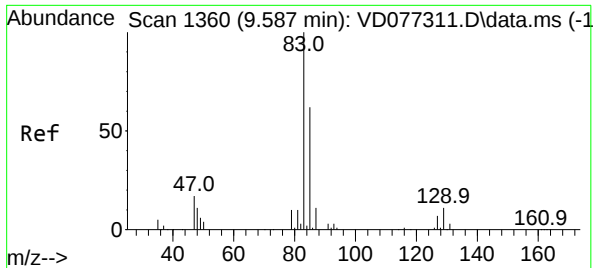
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#46
Dibromomethane
Concen: 4.664 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Tgt Ion: 93 Resp: 8568
Ion Ratio Lower Upper
93 100
95 79.9 67.7 101.5
174 82.8 85.4 128.2#





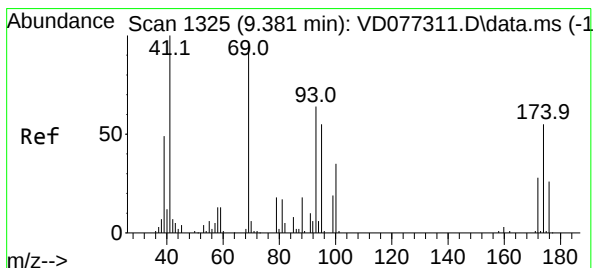
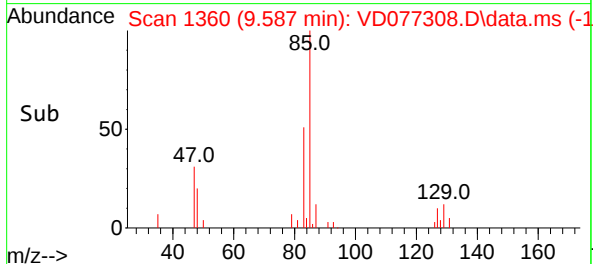
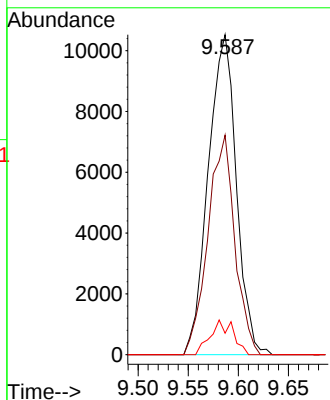
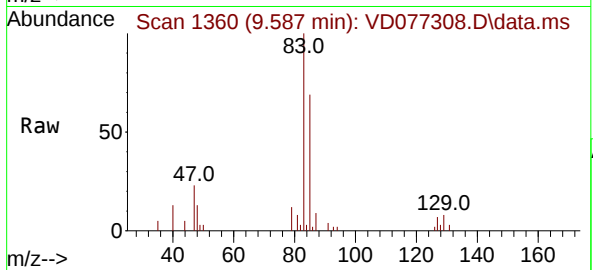
#47
Bromodichloromethane
Concen: 4.555 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 20519
Ion Ratio Lower Upper
83 100
85 68.6 50.2 75.4
127 6.7 6.3 9.5

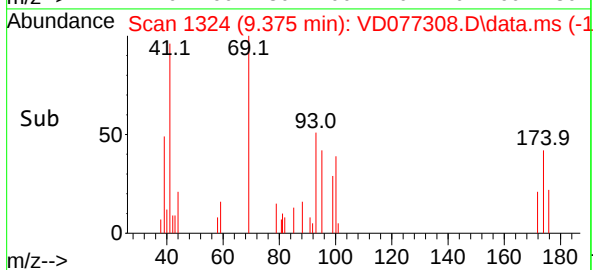
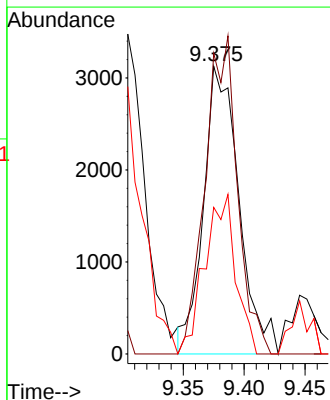
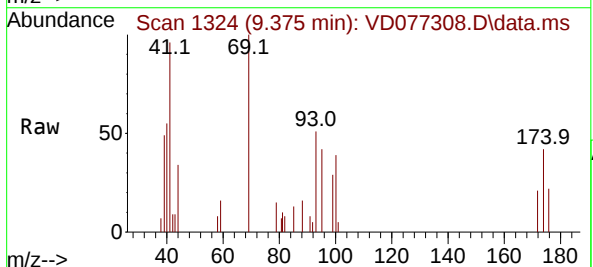
Manual Integrations
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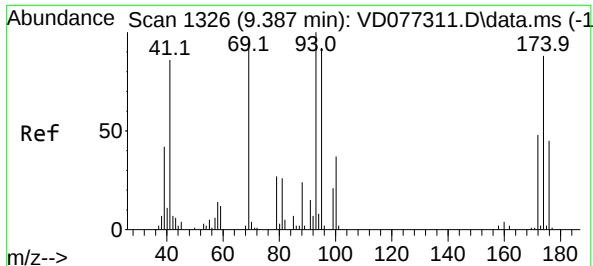
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#48
Methyl methacrylate
Concen: 4.192 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Tgt Ion: 41 Resp: 6342
Ion Ratio Lower Upper
41 100
69 100.8 102.2 153.2#
39 48.4 41.4 62.2





#49

1,4-Dioxane

Concen: 69.523 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

Lab File: VD077308.D

Acq: 11 Oct 2023 15:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

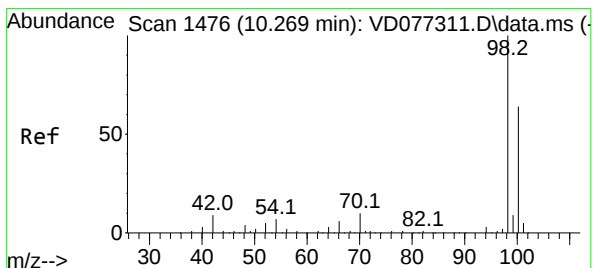
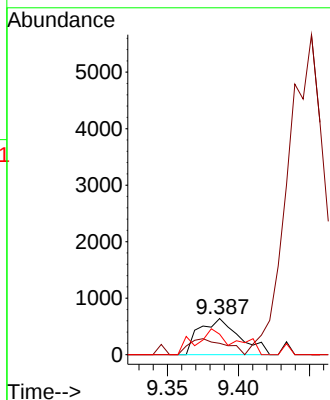
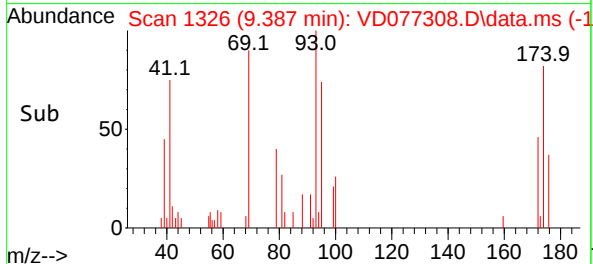
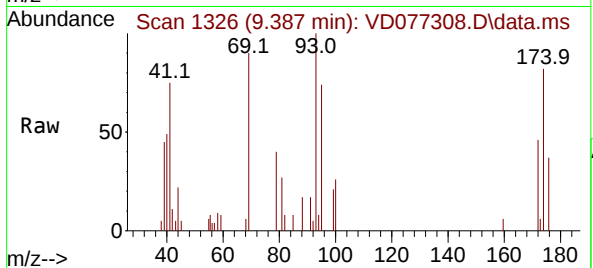
Tgt Ion: 88 Resp: 124

Ion	Ratio	Lower	Upper
88	100		
43	40.7	19.0	28.6
58	69.8	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#50

Toluene-d8

Concen: 4.454 ug/l

RT: 10.269 min Scan# 1476

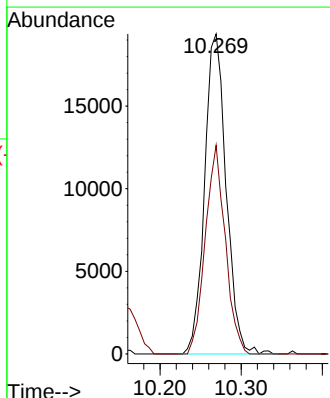
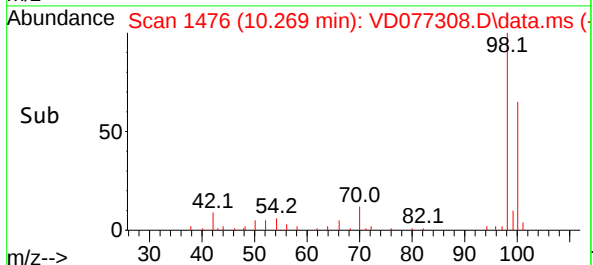
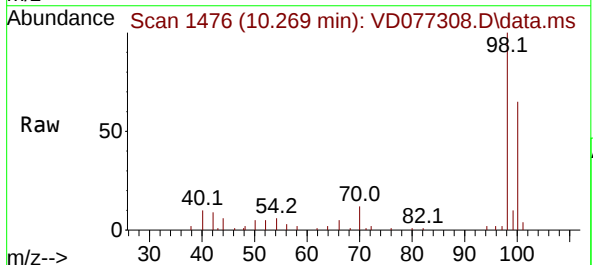
Delta R.T. 0.000 min

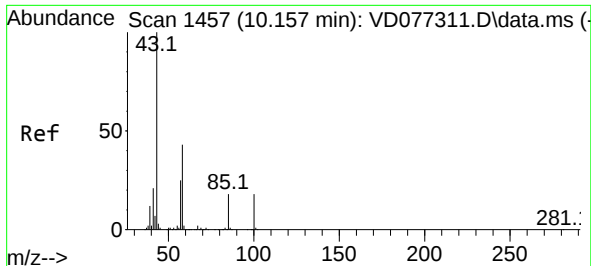
Lab File: VD077308.D

Acq: 11 Oct 2023 15:51

Tgt Ion: 98 Resp: 35686

Ion	Ratio	Lower	Upper
98	100		
100	60.6	50.3	75.5





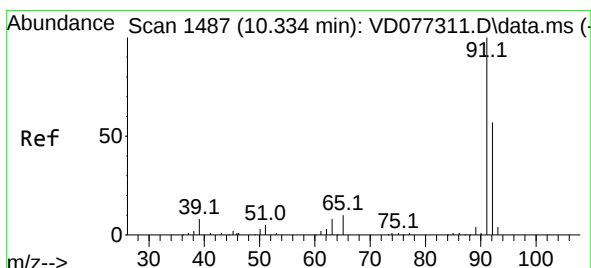
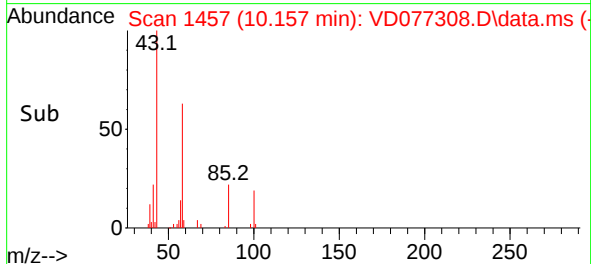
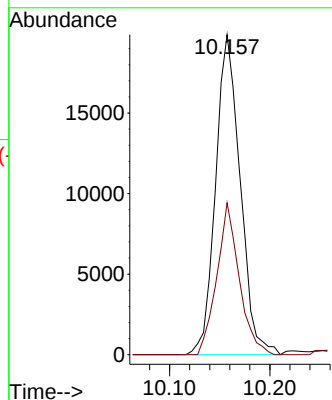
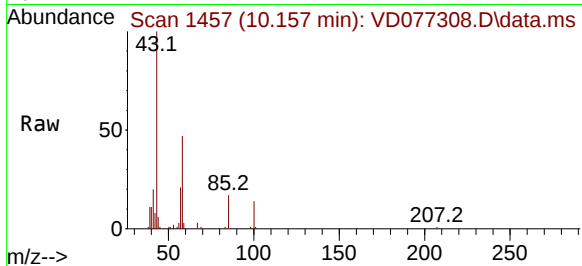
#51
4-Methyl-2-Pentanone
Concen: 19.631 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 3369
Ion Ratio Lower Upper
43 100
58 43.3 38.9 58.3

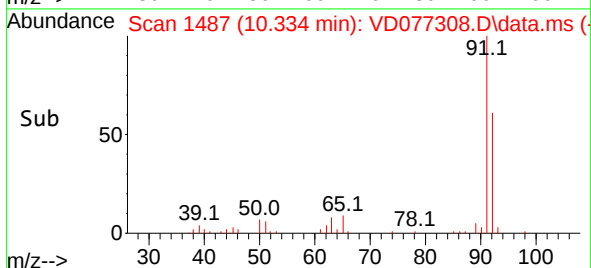
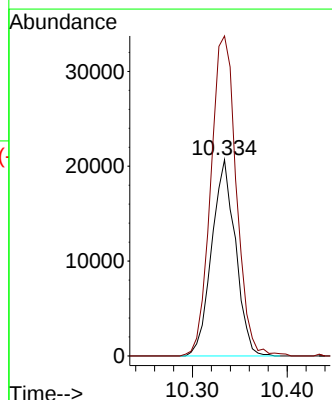
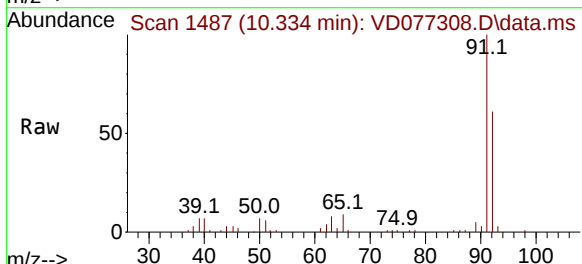
Manual Integrations
APPROVED

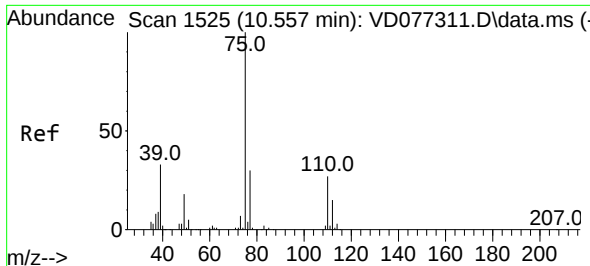
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#52
Toluene
Concen: 4.339 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Tgt Ion: 92 Resp: 36089
Ion Ratio Lower Upper
92 100
91 175.4 143.0 214.4





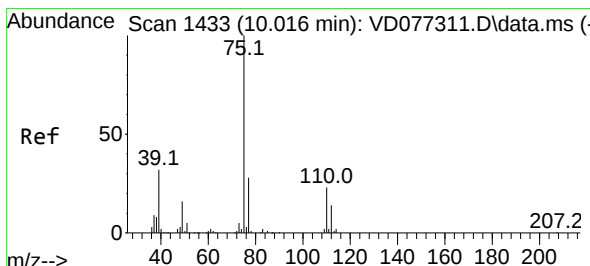
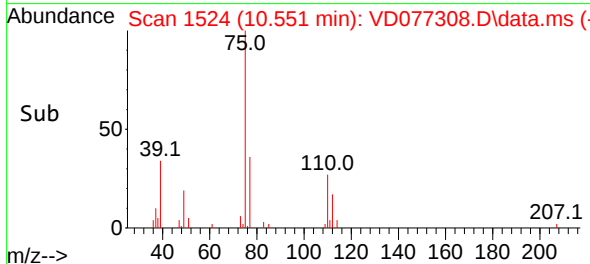
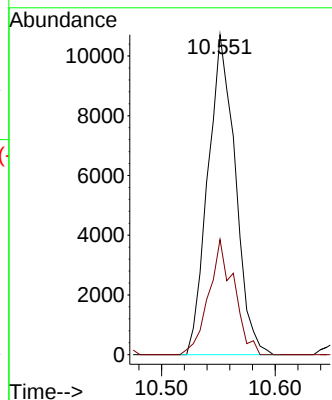
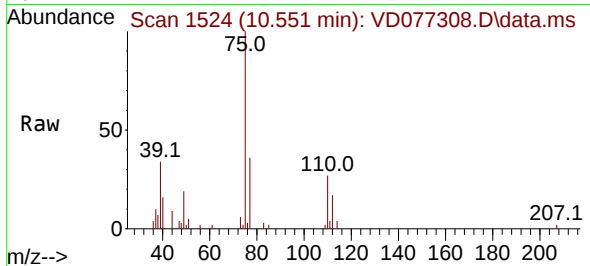
#53
t-1,3-Dichloropropene
Concen: 4.244 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 17924
Ion Ratio Lower Upper
75 100
77 36.0 25.3 37.9

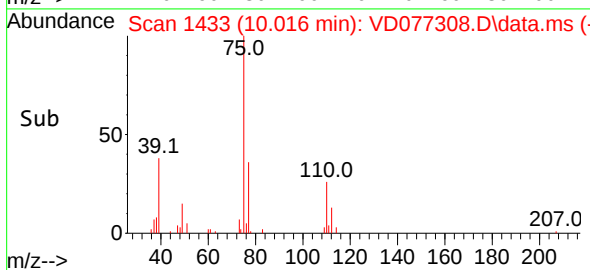
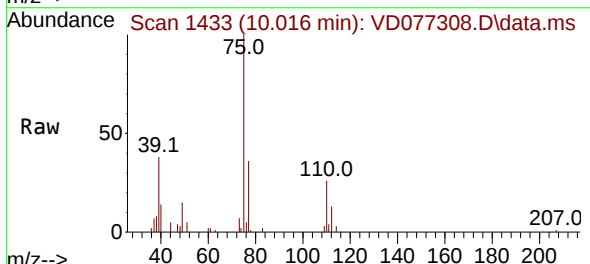
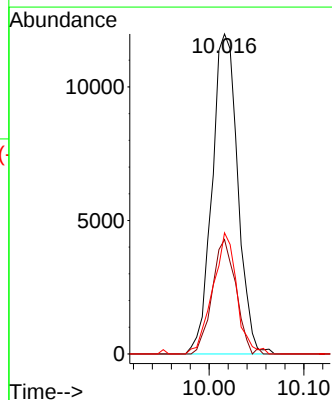
Manual Integrations
APPROVED

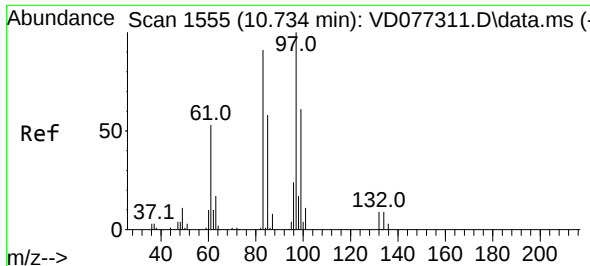
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#54
cis-1,3-Dichloropropene
Concen: 4.304 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

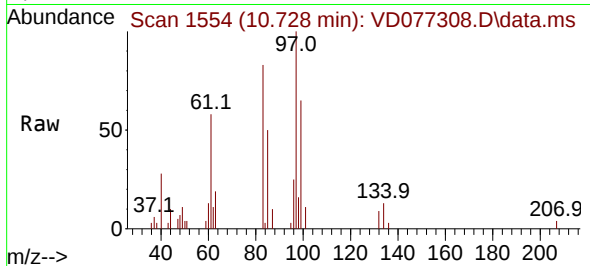
Tgt Ion: 75 Resp: 22542
Ion Ratio Lower Upper
75 100
77 35.8 25.5 38.3
39 37.8 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 4.502 ug/l
RT: 10.728 min Scan# 1124
Delta R.T. -0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

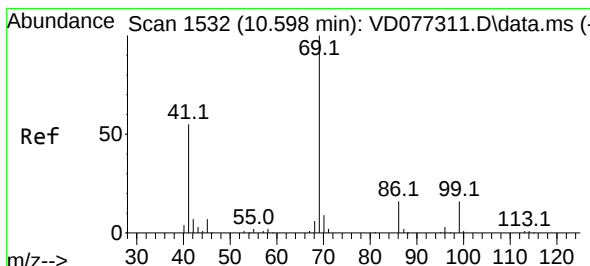
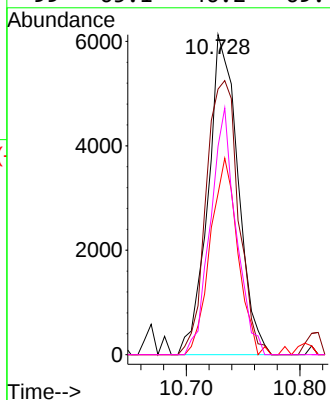
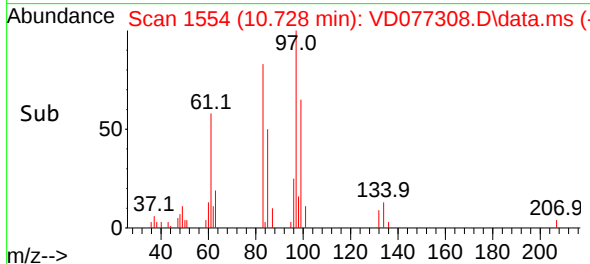
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



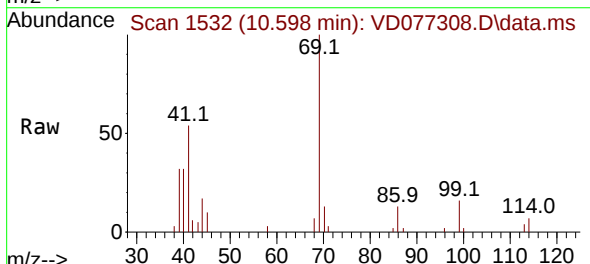
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.0	65.8	98.6
85	50.3	45.7	68.5
99	65.1	46.2	69.4

Manual Integrations
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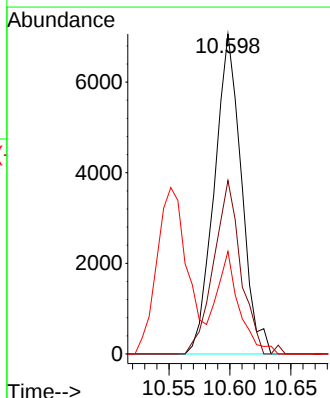
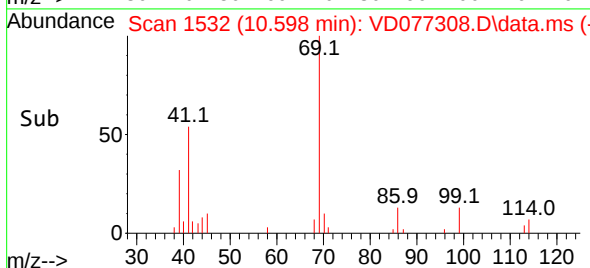
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

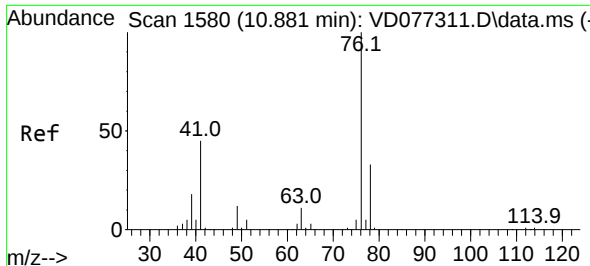


#56
Ethyl methacrylate
Concen: 5.106 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51



Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.1	39.1	58.7
39	26.5	20.0	30.0





#57

1,3-Dichloropropane

Concen: 4.446 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077308.D

Acq: 11 Oct 2023 15:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 19170

Ion Ratio Lower Upper

76 100

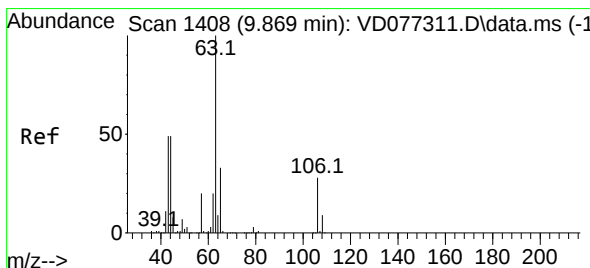
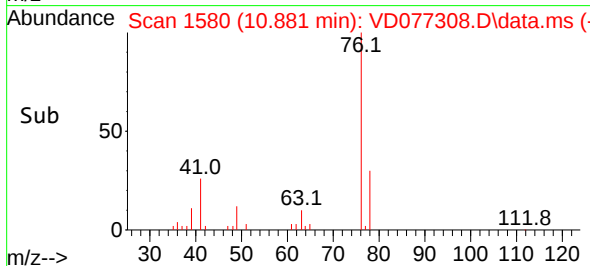
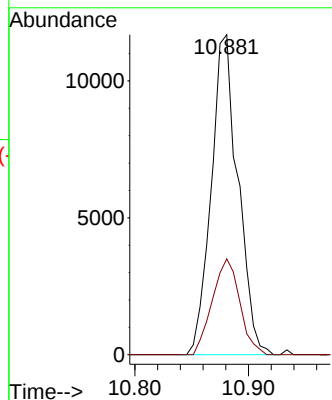
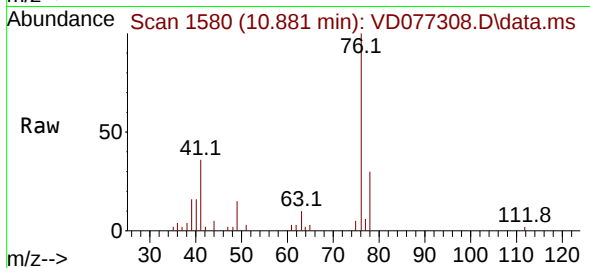
78 30.7 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#58

2-Chloroethyl Vinyl ether

Concen: 26.535 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077308.D

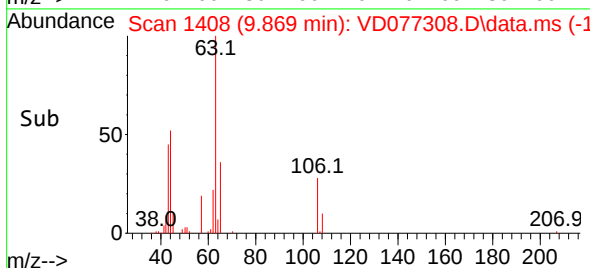
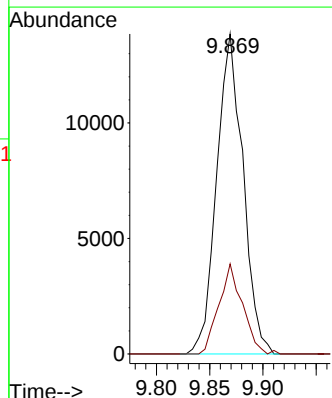
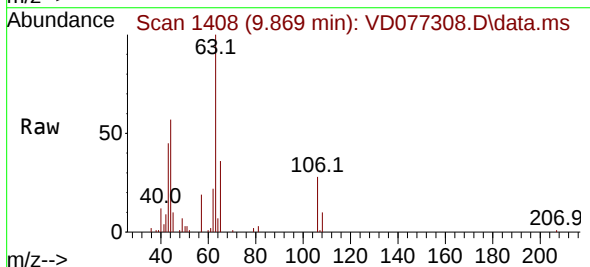
Acq: 11 Oct 2023 15:51

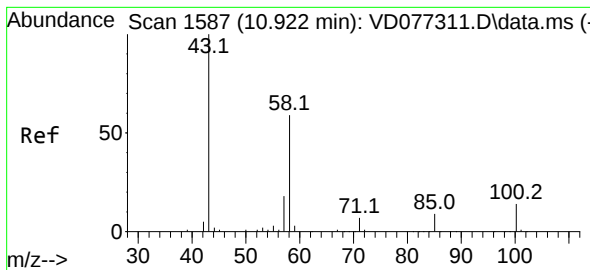
Tgt Ion: 63 Resp: 23787

Ion Ratio Lower Upper

63 100

106 25.3 25.3 37.9





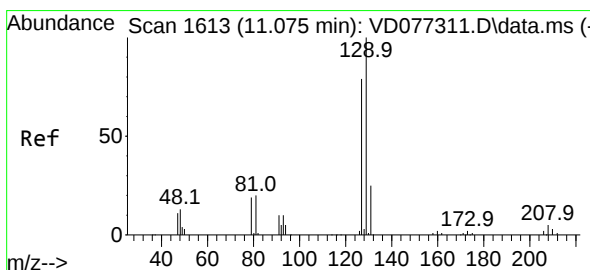
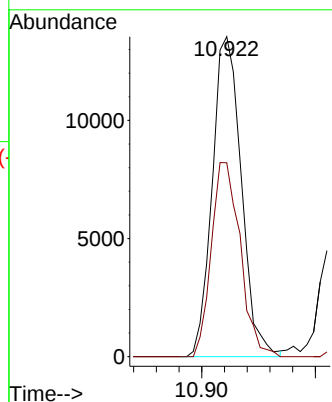
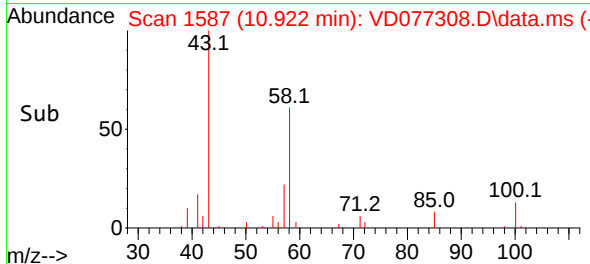
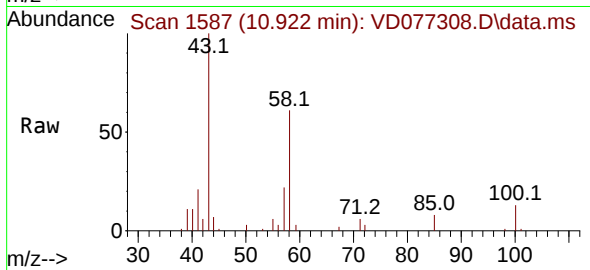
#59
2-Hexanone
Concen: 19.815 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 24052
Ion Ratio Lower Upper
43 100
58 60.4 34.1 102.2

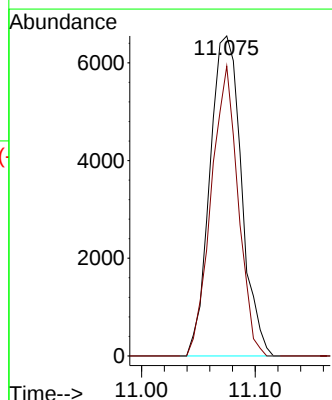
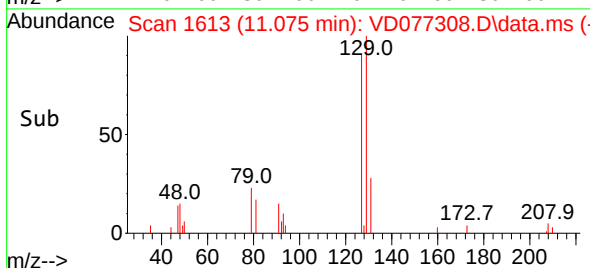
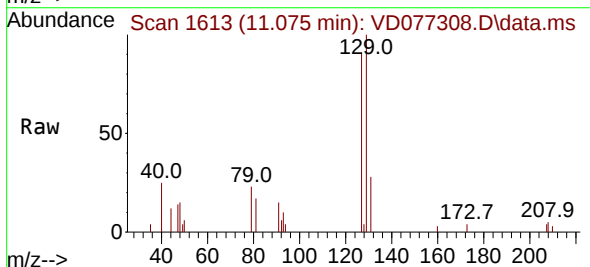
Manual Integrations
APPROVED

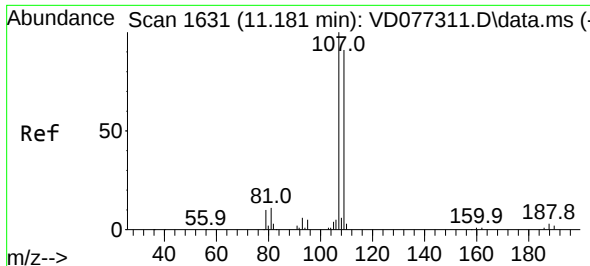
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#60
Dibromochloromethane
Concen: 4.439 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

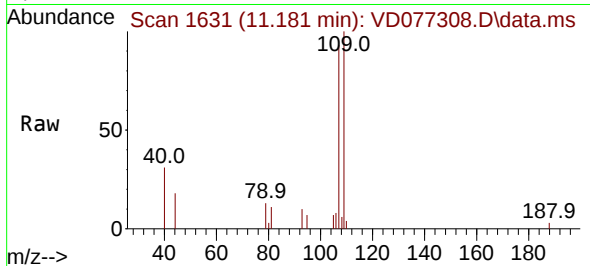
Tgt Ion:129 Resp: 12661
Ion Ratio Lower Upper
129 100
127 77.2 37.1 111.5





#61
1,2-Dibromoethane
Concen: 4.455 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

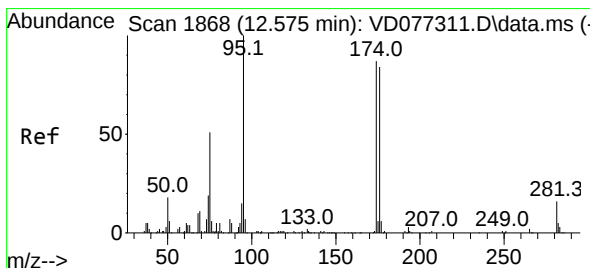
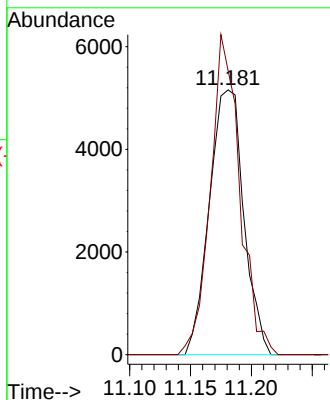
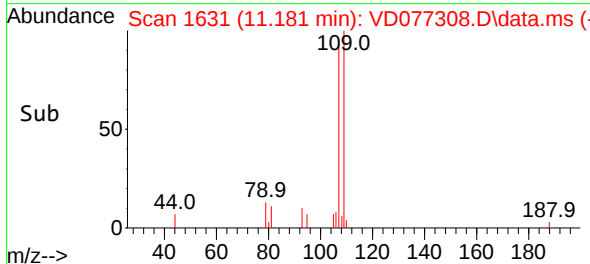
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



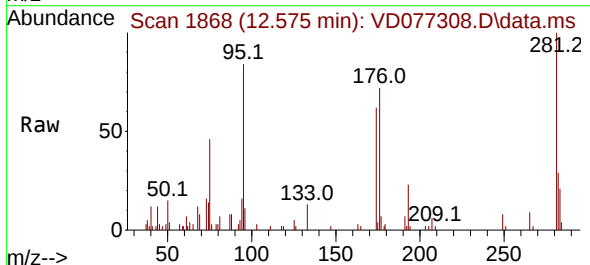
Tgt Ion:107 Resp: 1015
Ion Ratio Lower Upper
107 100
109 103.0 75.6 113.4

Manual Integrations
APPROVED

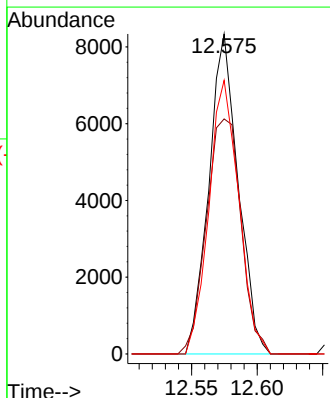
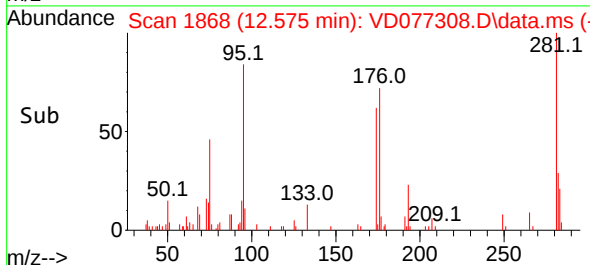
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

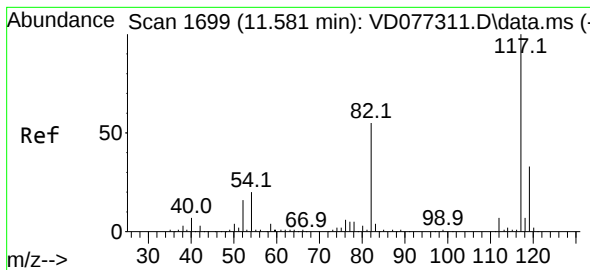


#62
4-Bromofluorobenzene
Concen: 4.823 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51



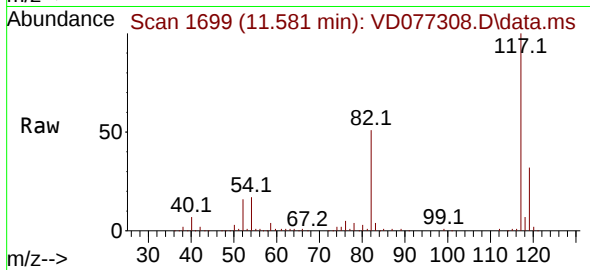
Tgt Ion: 95 Resp: 12978
Ion Ratio Lower Upper
95 100
174 86.3 0.0 201.8
176 87.2 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

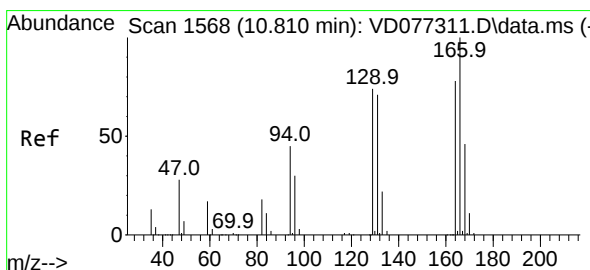
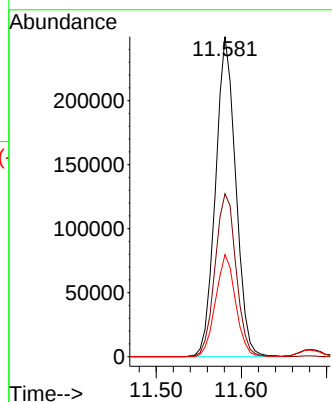
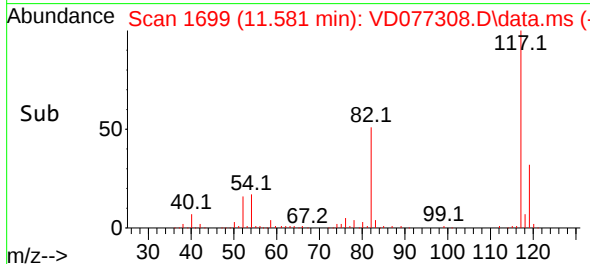
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 41255
Ion Ratio Lower Upper
117 100
82 50.9 38.3 57.5
119 31.9 25.0 37.4

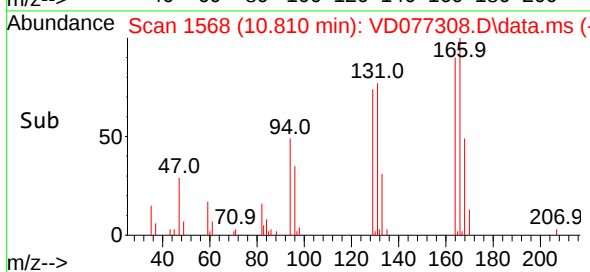
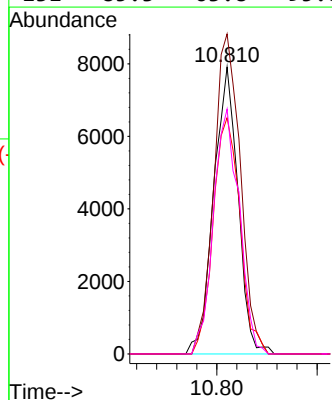
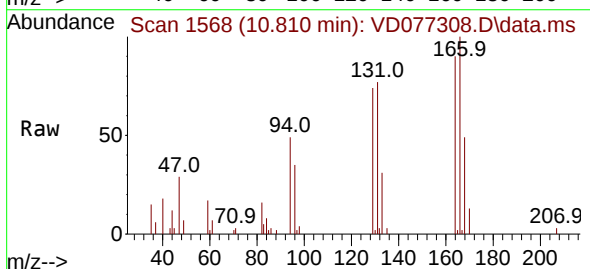
Manual Integrations
APPROVED

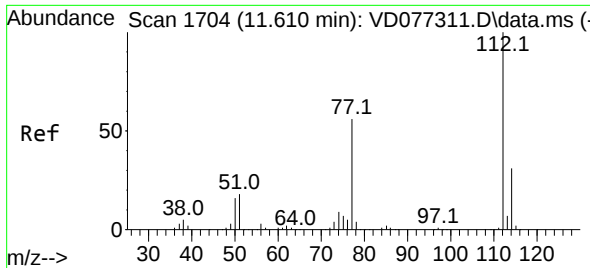
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#64
Tetrachloroethene
Concen: 5.051 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Tgt Ion:164 Resp: 13302
Ion Ratio Lower Upper
164 100
166 111.5 99.2 148.8
129 82.3 68.4 102.6
131 85.3 63.8 95.8





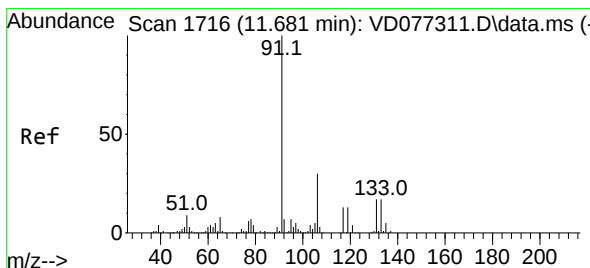
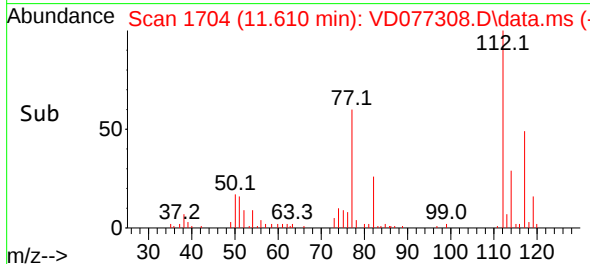
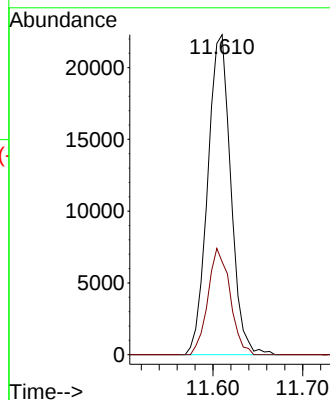
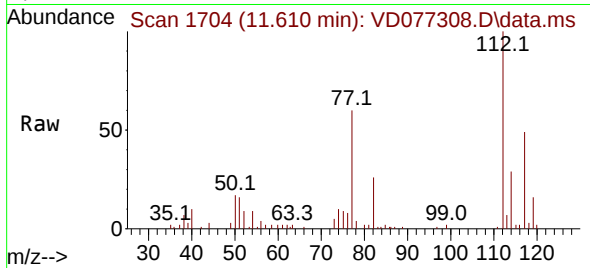
#65
Chlorobenzene
Concen: 4.637 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 39780
Ion Ratio Lower Upper
112 100
114 29.0 25.1 37.7

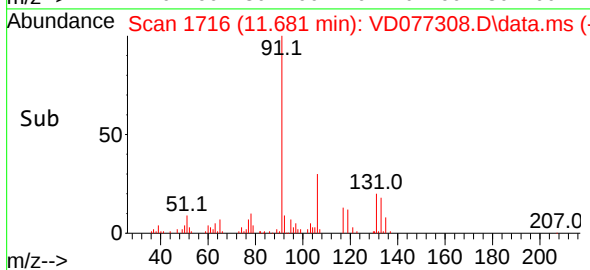
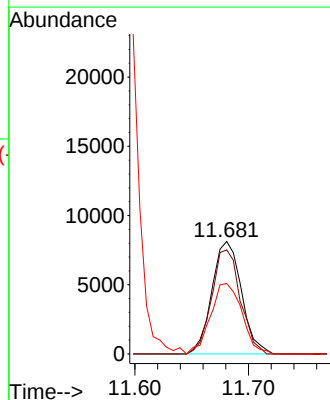
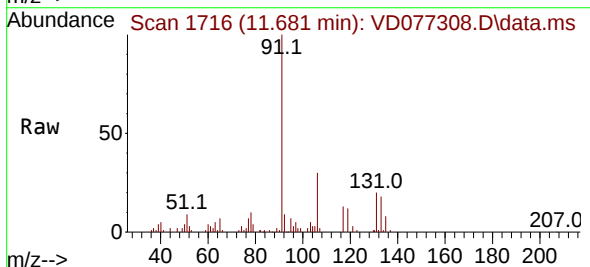
Manual Integrations
APPROVED

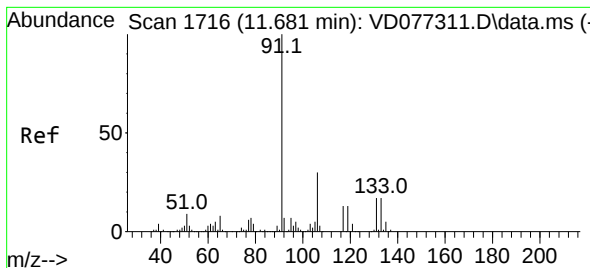
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.859 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Tgt Ion:131 Resp: 14705
Ion Ratio Lower Upper
131 100
133 89.9 48.5 145.5
119 66.2 35.6 106.9





#67

Ethyl Benzene

Concen: 4.436 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077308.D

Acq: 11 Oct 2023 15:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

Tgt Ion: 91 Resp: 67918

Ion Ratio Lower Upper

91 100

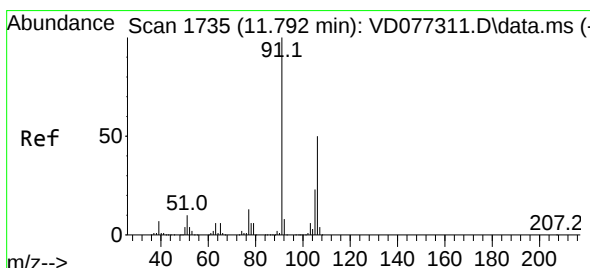
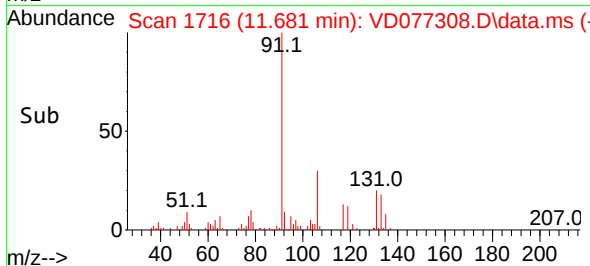
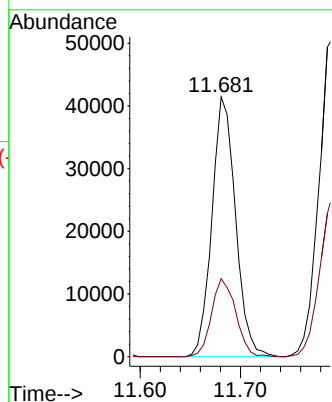
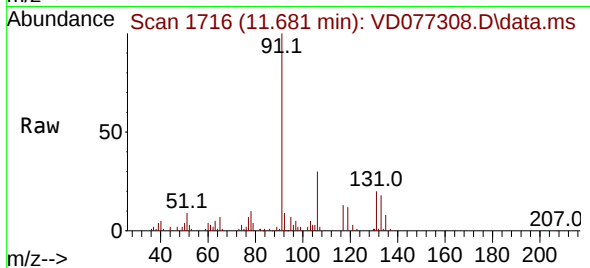
106 30.0 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#68

m/p-Xylenes

Concen: 8.561 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077308.D

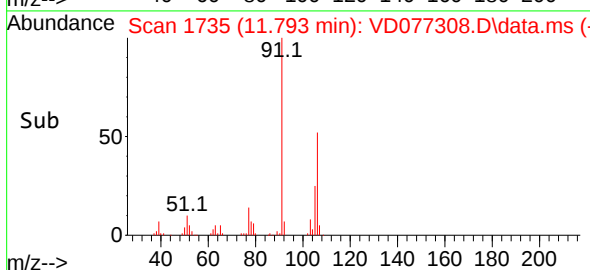
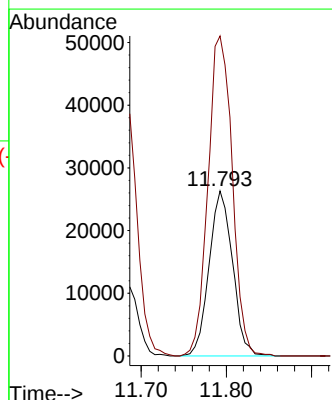
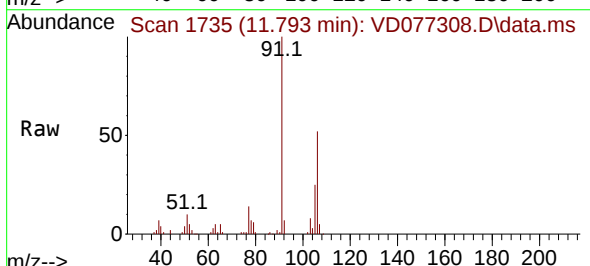
Acq: 11 Oct 2023 15:51

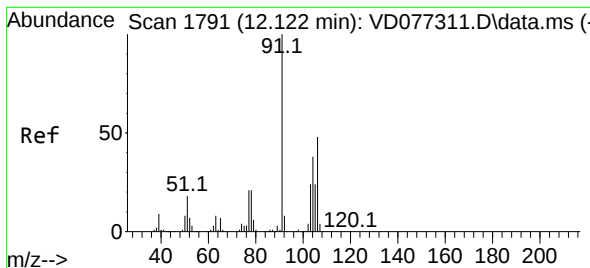
Tgt Ion:106 Resp: 50446

Ion Ratio Lower Upper

106 100

91 200.3 147.0 220.6





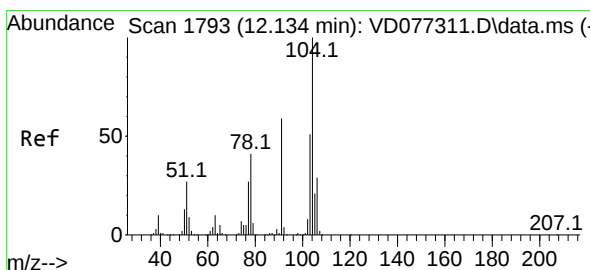
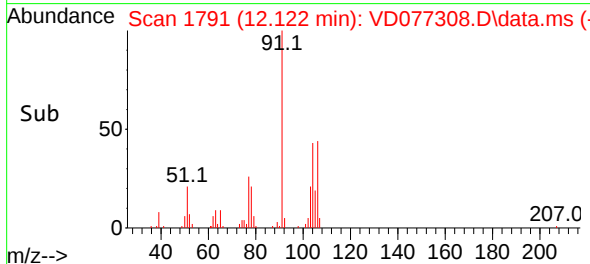
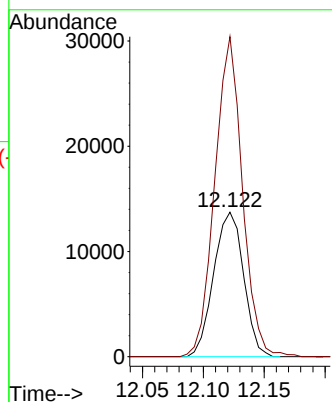
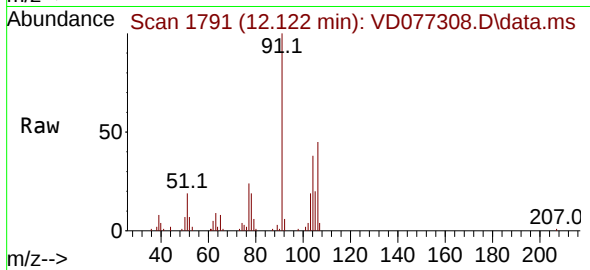
#69
o-Xylene
Concen: 4.301 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 23458
Ion Ratio Lower Upper
106 100
91 204.5 97.9 293.6

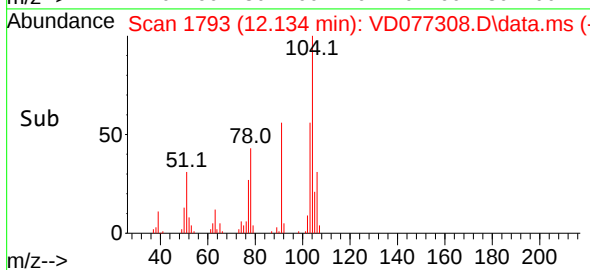
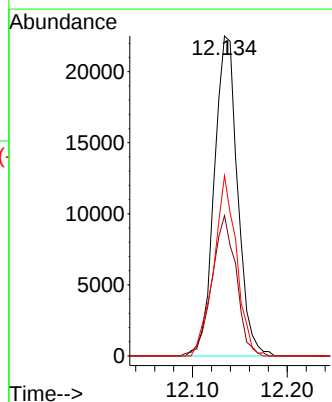
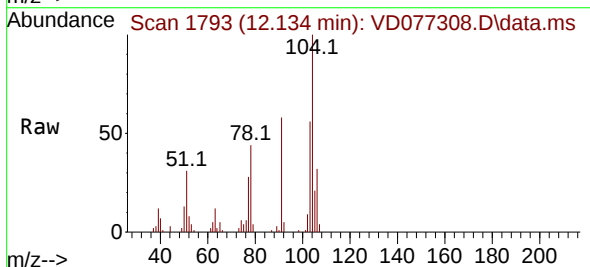
Manual Integrations
APPROVED

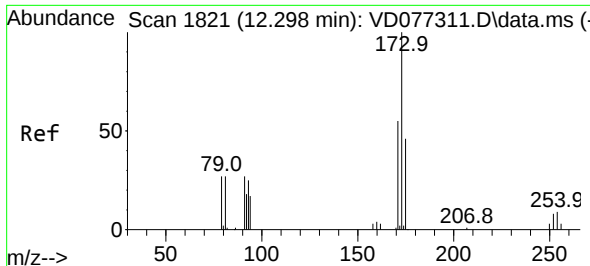
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#70
Styrene
Concen: 4.083 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Tgt Ion:104 Resp: 38584
Ion Ratio Lower Upper
104 100
78 45.6 33.2 49.8
103 54.6 43.6 65.4





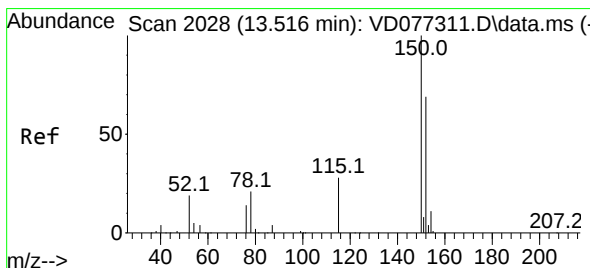
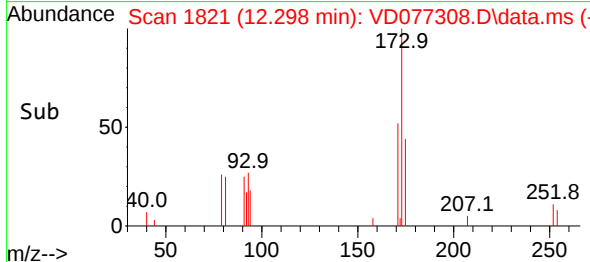
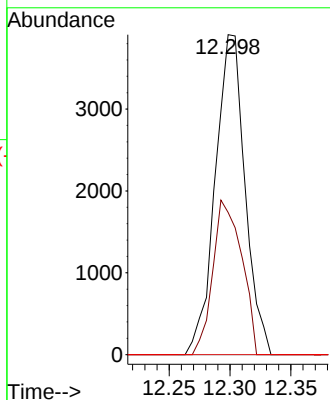
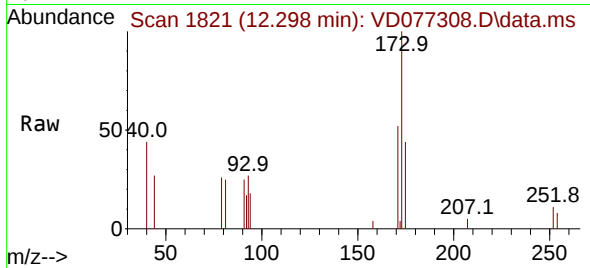
#71
Bromoform
Concen: 4.338 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 6664
Ion Ratio Lower Upper
173 100
175 46.6 24.6 73.8
254 0.0 0.0 0.0

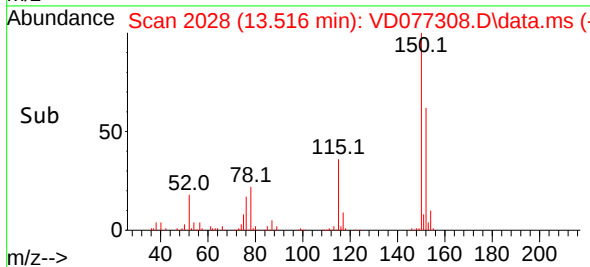
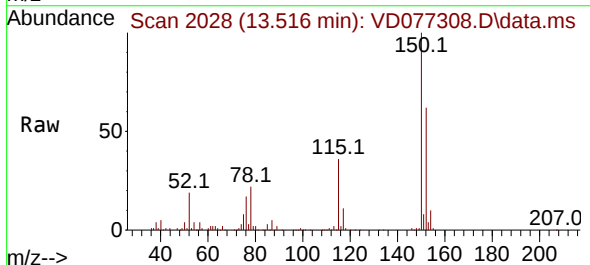
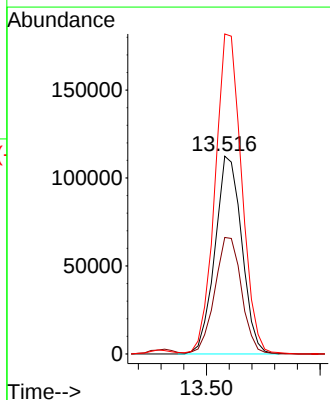
Manual Integrations
APPROVED

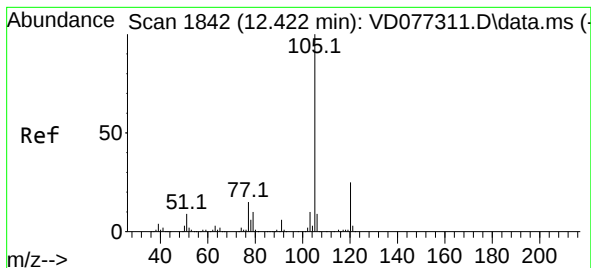
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Tgt Ion:152 Resp: 184125
Ion Ratio Lower Upper
152 100
115 59.1 27.1 81.3
150 160.8 0.0 353.6





#73

Isopropylbenzene

Concen: 4.360 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077308.D

Acq: 11 Oct 2023 15:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 59289

Ion Ratio Lower Upper

105 100

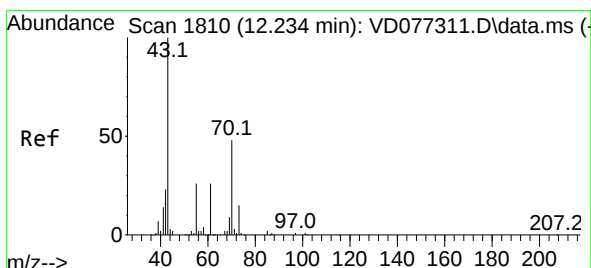
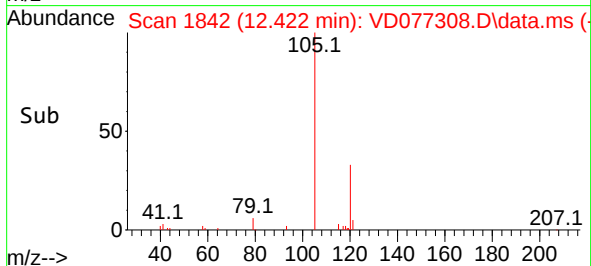
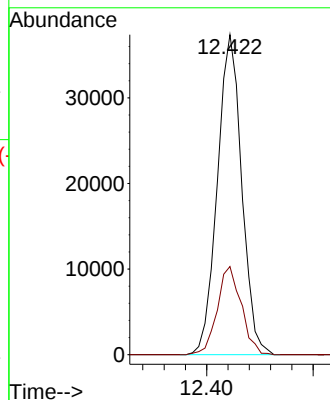
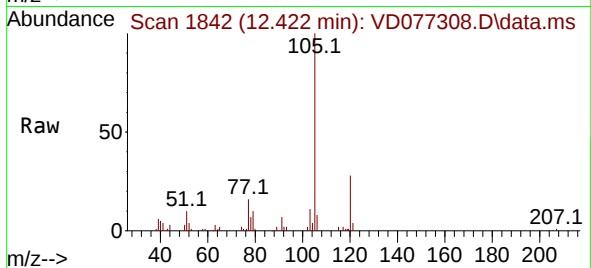
120 27.2 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#74

N-ethyl acetate

Concen: 4.144 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077308.D

Acq: 11 Oct 2023 15:51

Tgt Ion: 43 Resp: 11850

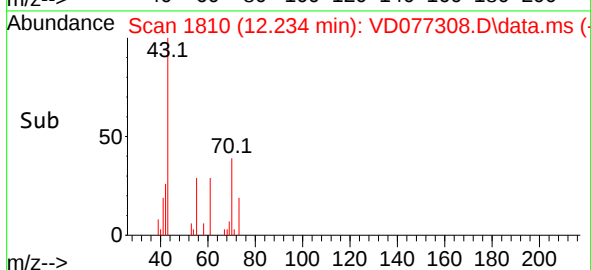
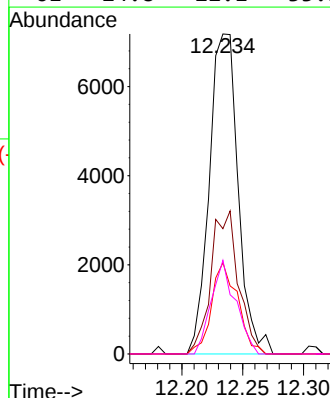
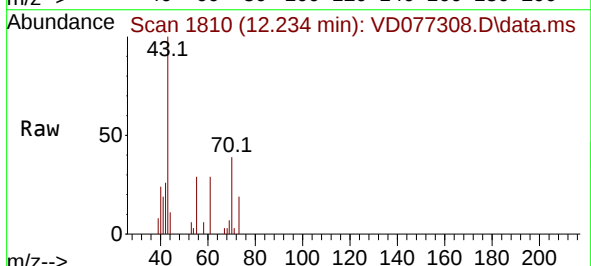
Ion Ratio Lower Upper

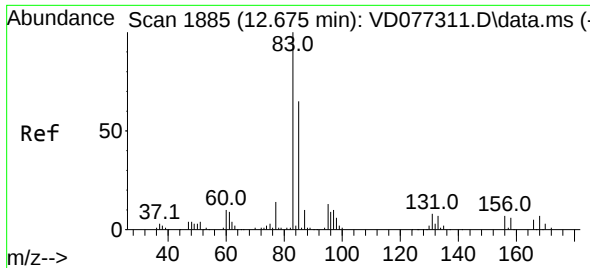
43 100

70 42.5 45.0 67.4#

55 26.0 23.8 35.6

61 24.8 22.1 33.1





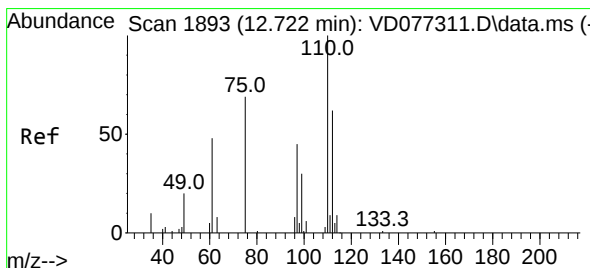
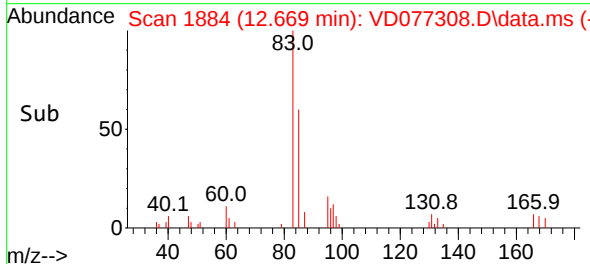
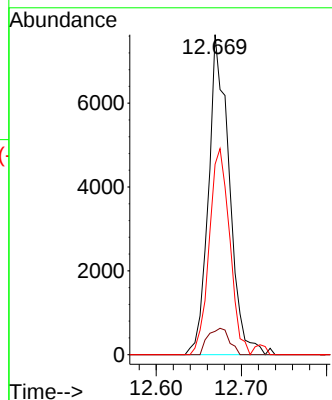
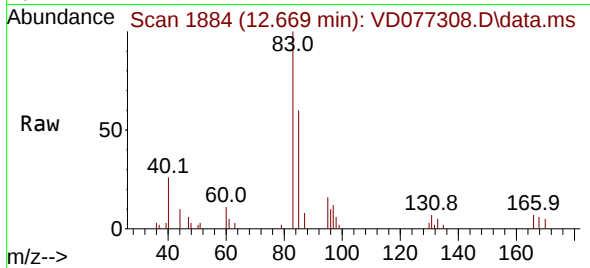
#75
1,1,2,2-Tetrachloroethane
Concen: 4.727 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 12900
Ion Ratio Lower Upper
83 100
131 8.5 5.1 15.3
85 63.3 32.6 97.8

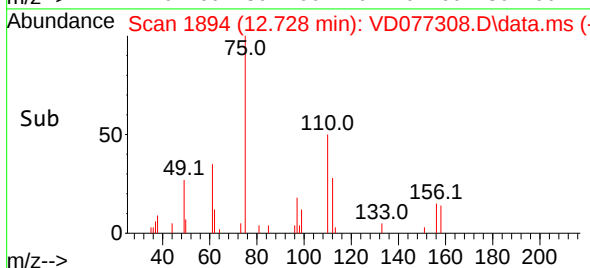
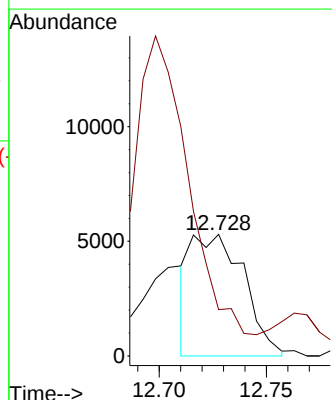
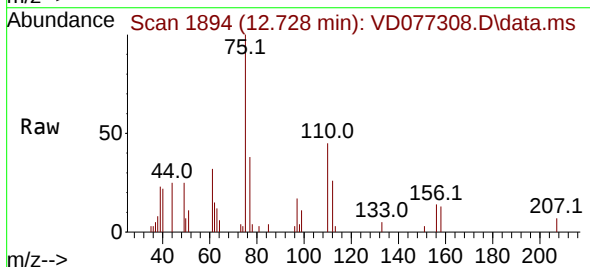
Manual Integrations
APPROVED

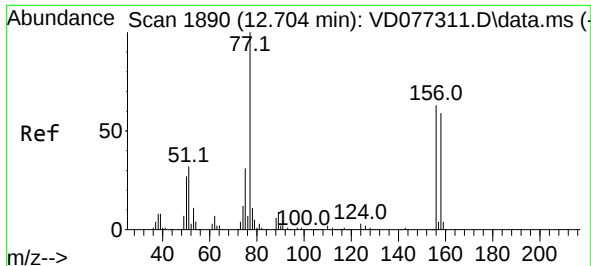
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#76
1,2,3-Trichloropropane
Concen: 4.502 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Tgt Ion: 75 Resp: 9108
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





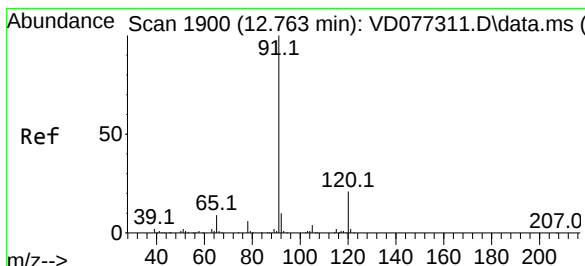
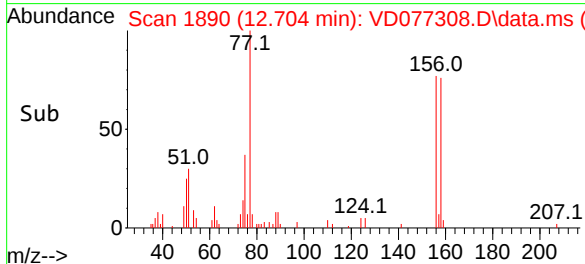
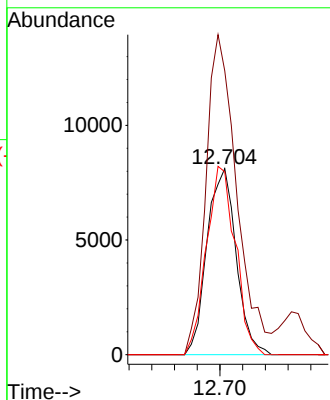
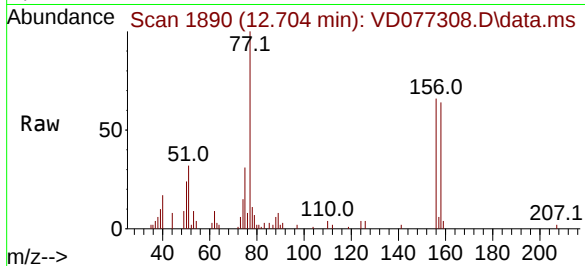
#77
Bromobenzene
Concen: 4.651 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
156	100		
77	182.2	76.8	230.4
158	100.7	48.6	145.9

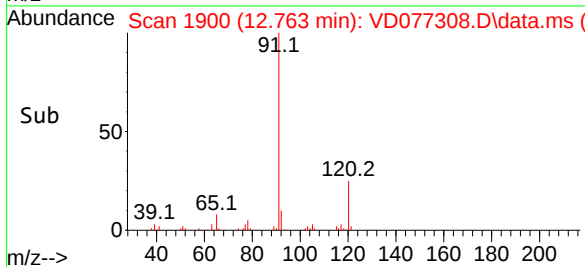
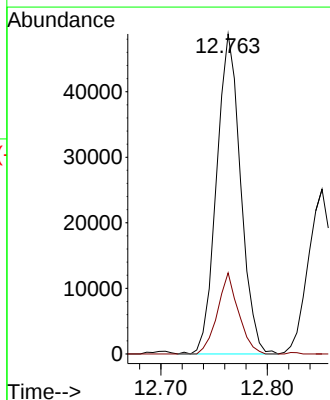
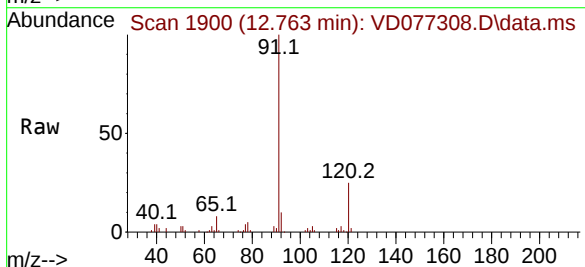
Manual Integrations
APPROVED

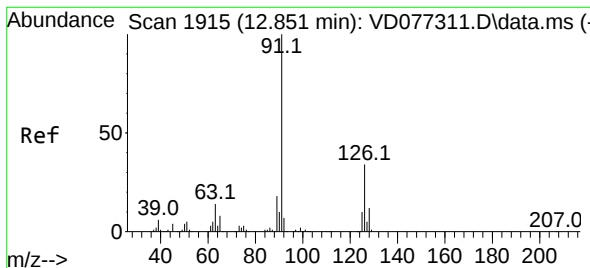
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#78
n-propylbenzene
Concen: 4.429 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	12.4	37.2





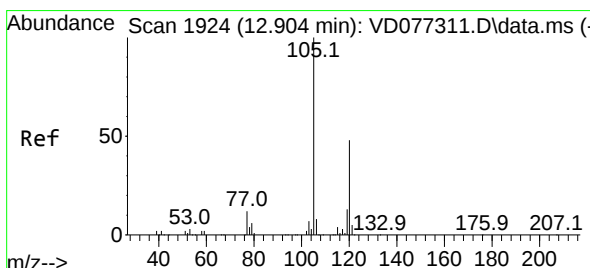
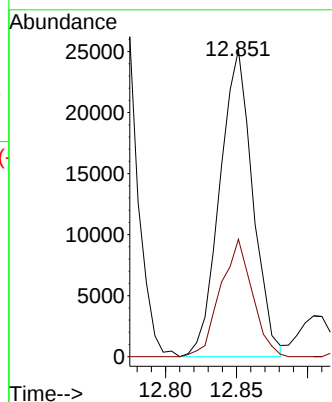
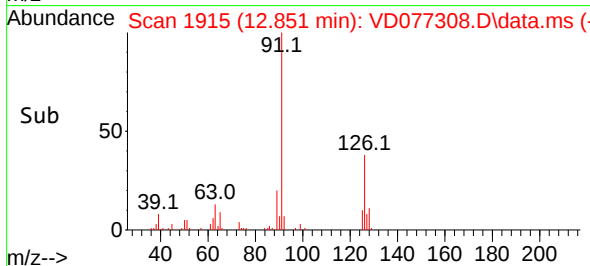
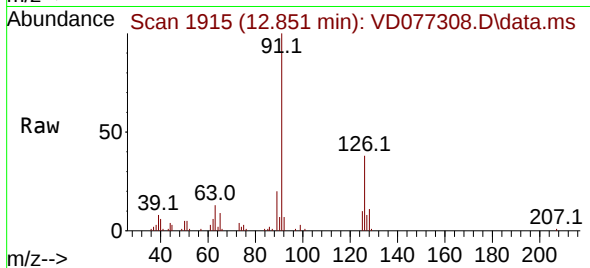
#79
2-Chlorotoluene
Concen: 4.369 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 40612
Ion Ratio Lower Upper
91 100
126 37.1 19.4 58.1

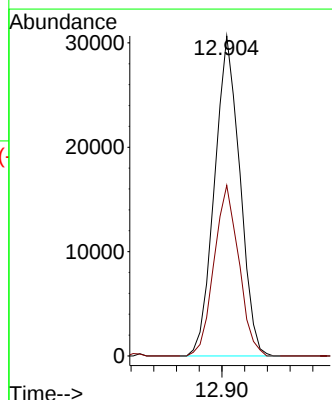
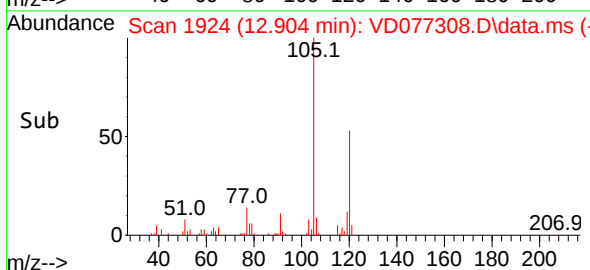
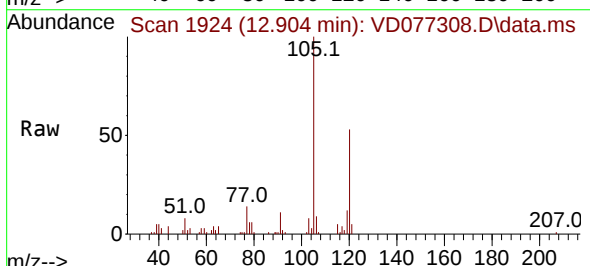
Manual Integrations
APPROVED

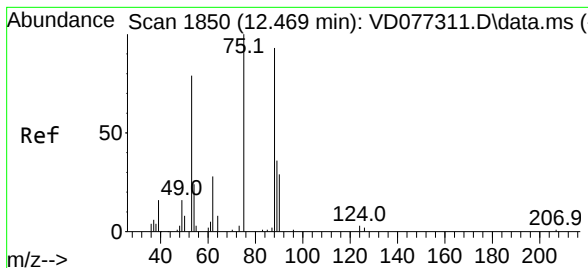
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 4.189 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

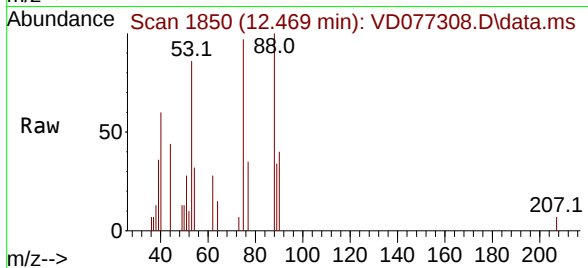
Tgt Ion:105 Resp: 47469
Ion Ratio Lower Upper
105 100
120 52.1 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 4.241 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

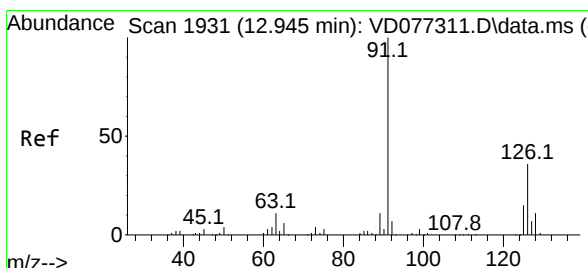
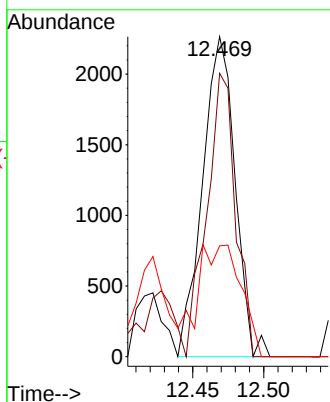
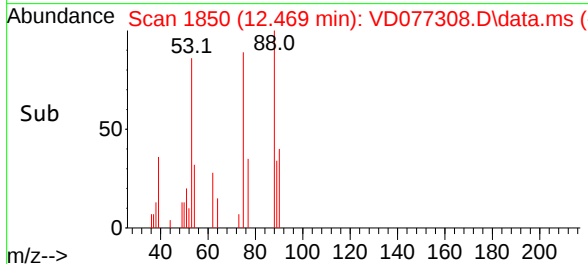
Instrument : MSVOA_D
ClientSampleId : VSTDIC005



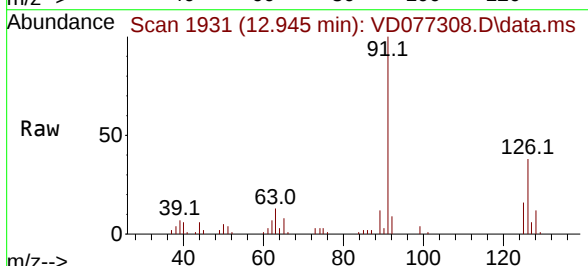
Tgt Ion: 75 Resp: 3598
Ion Ratio Lower Upper
75 100
53 78.7 63.0 94.4
89 46.9 37.9 56.9

Manual Integrations
APPROVED

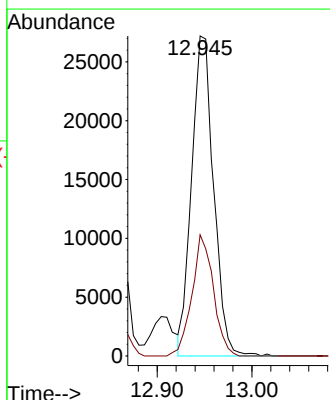
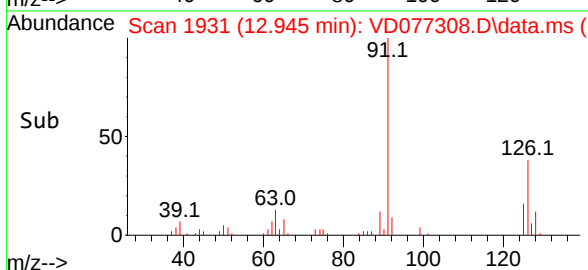
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023

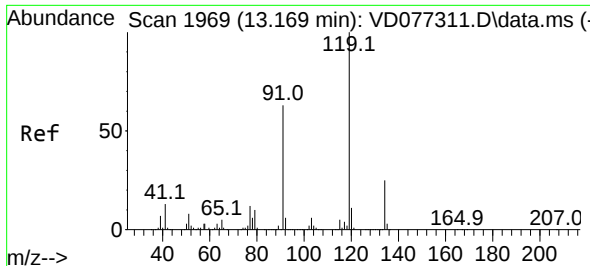


#82
4-Chlorotoluene
Concen: 4.477 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51



Tgt Ion: 91 Resp: 43973
Ion Ratio Lower Upper
91 100
126 36.8 19.4 58.4





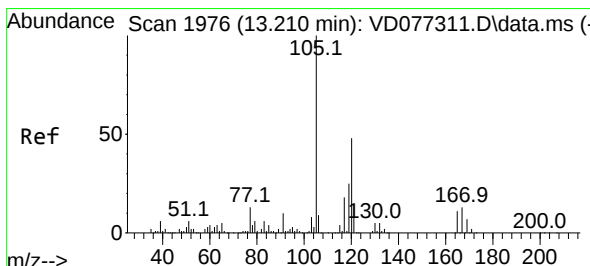
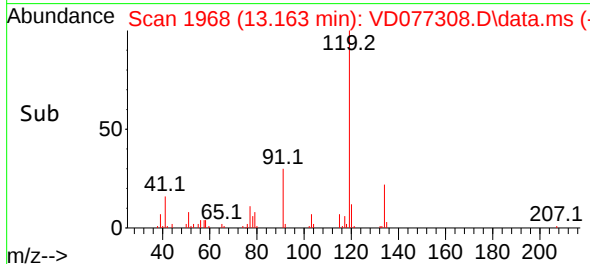
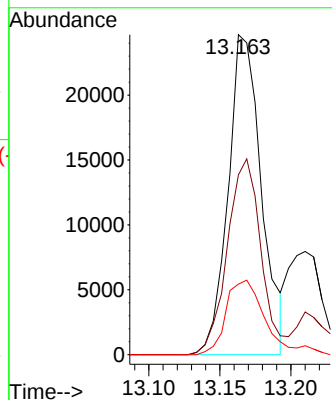
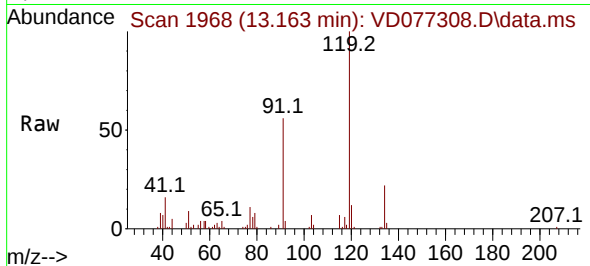
#83
tert-Butylbenzene
Concen: 4.247 ug/l
RT: 13.163 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 4020
Ion Ratio Lower Upper
119 100
91 62.5 29.3 87.8
134 27.5 14.1 42.3

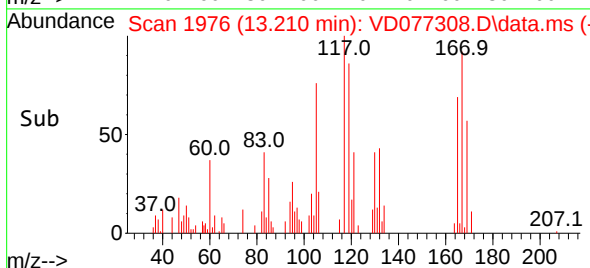
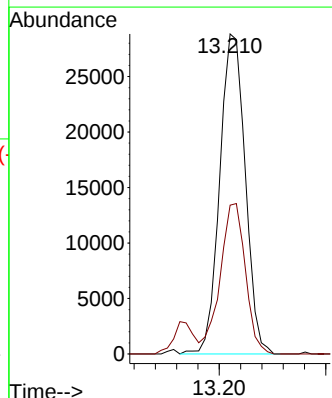
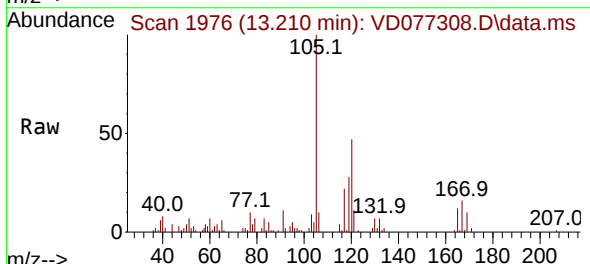
Manual Integrations
APPROVED

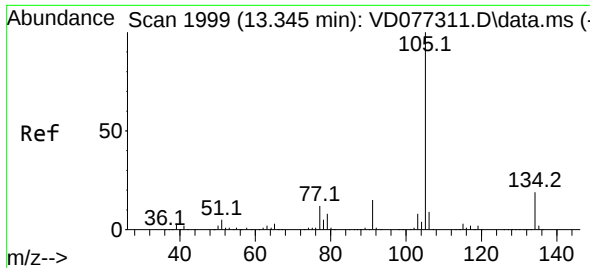
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#84
1,2,4-Trimethylbenzene
Concen: 4.222 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

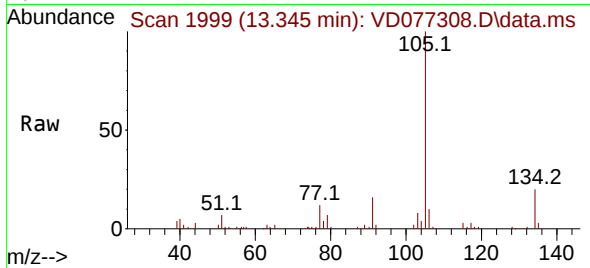
Tgt Ion:105 Resp: 47918
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 4.330 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077308.D
 Acq: 11 Oct 2023 15:51

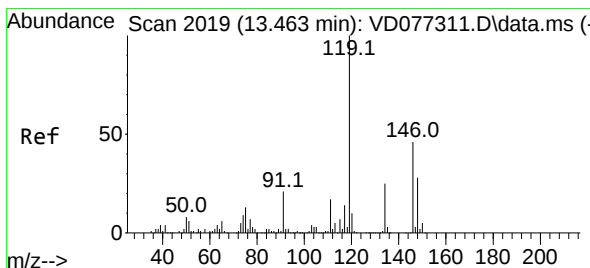
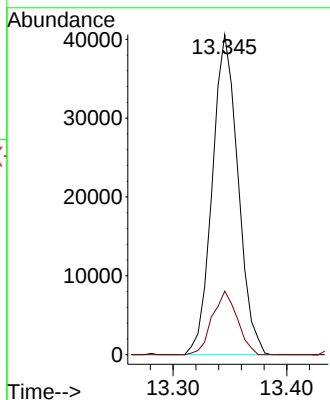
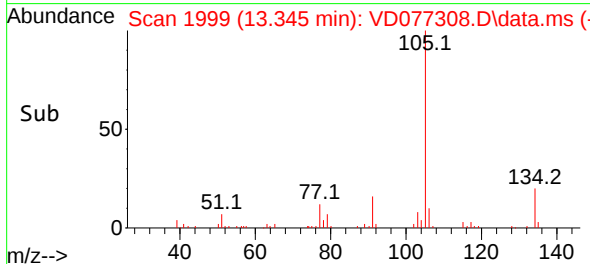
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



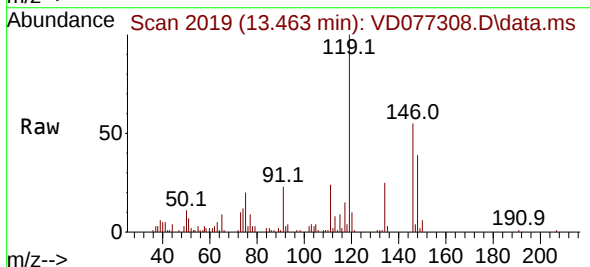
Tgt Ion:105 Resp: 63909
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.9 32.9

Manual Integrations
 APPROVED

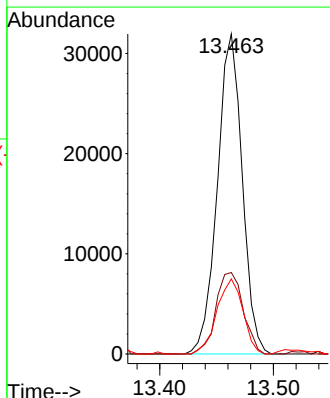
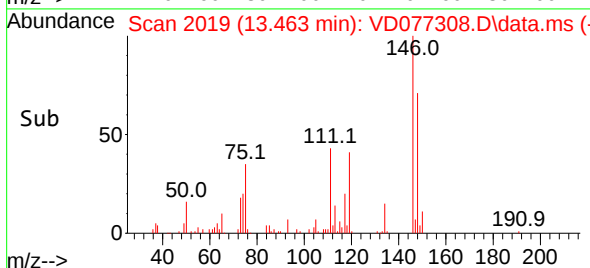
Reviewed By :Mahesh Dadoda 10/16/2023
 Supervised By :Semsettin Yesilyurt 10/16/2023

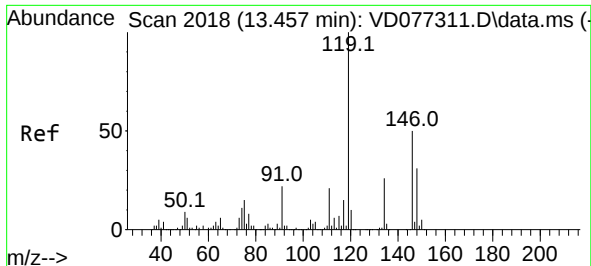


#86
 p-Isopropyltoluene
 Concen: 4.011 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077308.D
 Acq: 11 Oct 2023 15:51



Tgt Ion:119 Resp: 48639
 Ion Ratio Lower Upper
 119 100
 134 27.9 14.2 42.6
 91 24.5 10.5 31.5





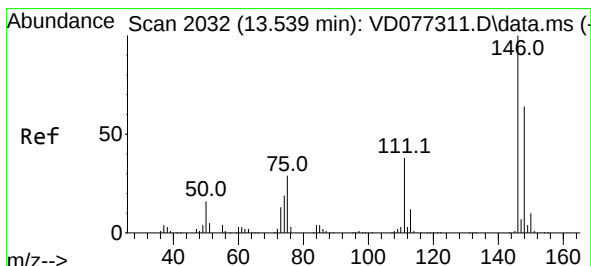
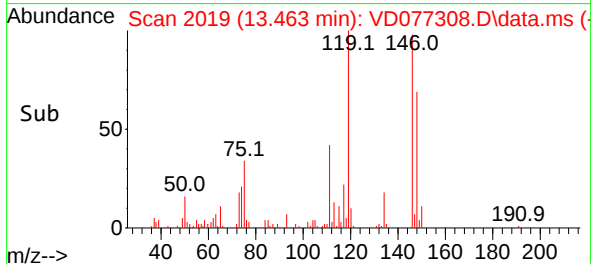
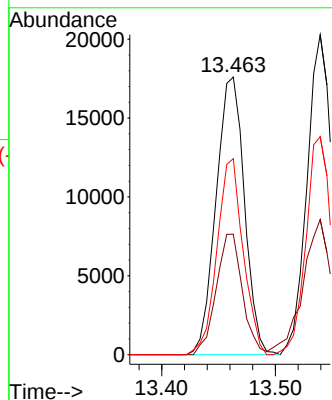
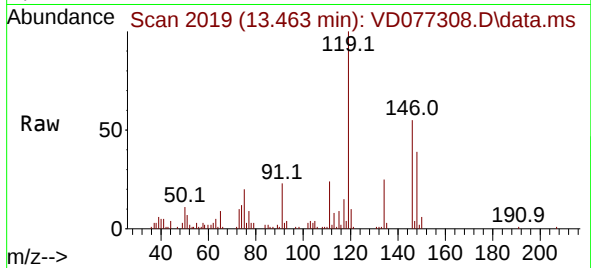
#87
1,3-Dichlorobenzene
Concen: 4.685 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 3056
Ion Ratio Lower Upper
146 100
111 40.2 17.9 53.8
148 65.1 32.3 96.8

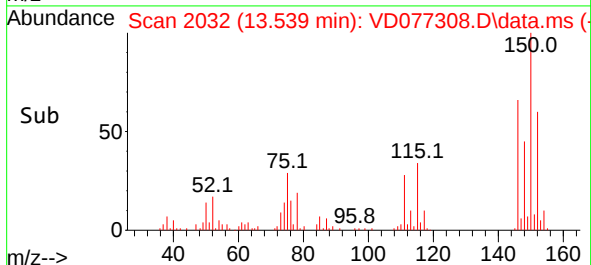
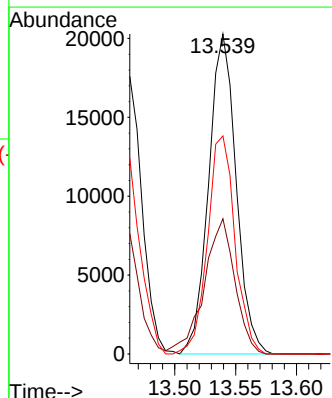
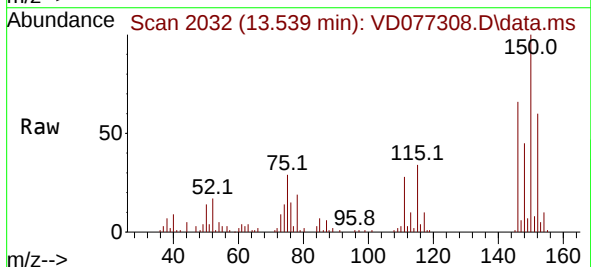
Manual Integrations
APPROVED

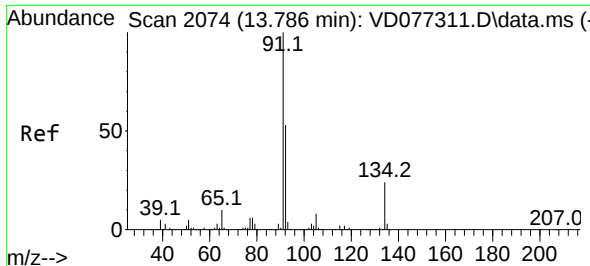
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#88
1,4-Dichlorobenzene
Concen: 4.947 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Tgt Ion:146 Resp: 31882
Ion Ratio Lower Upper
146 100
111 47.4 17.4 52.3
148 68.1 31.7 95.1





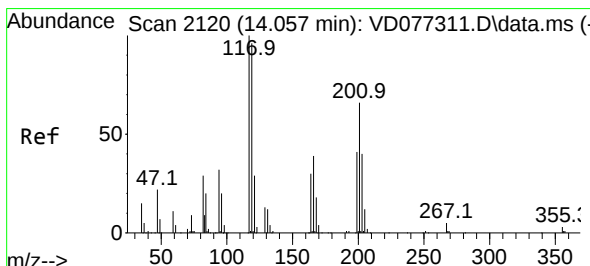
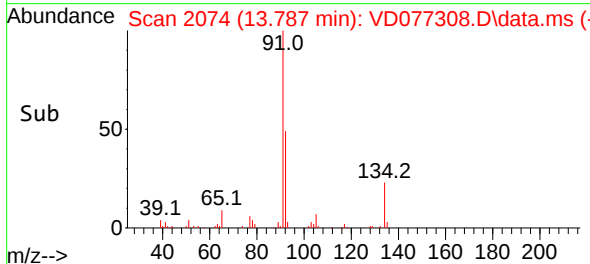
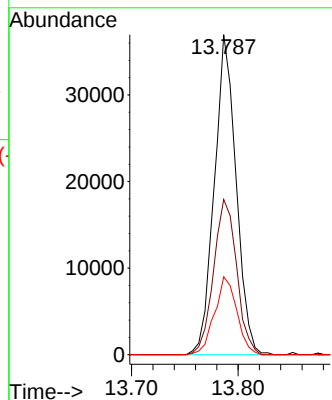
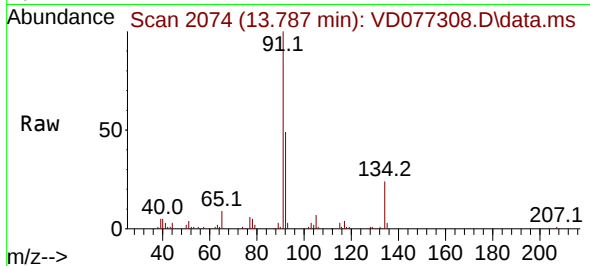
#89
n-Butylbenzene
Concen: 4.412 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 52314
Ion Ratio Lower Upper
91 100
92 51.5 26.5 79.5
134 25.0 13.8 41.3

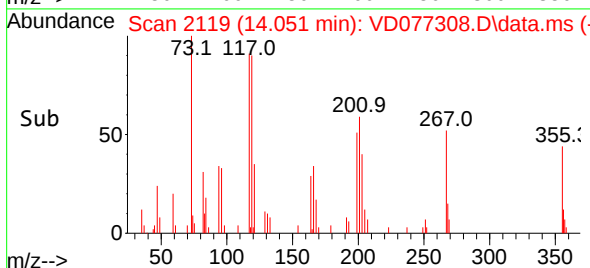
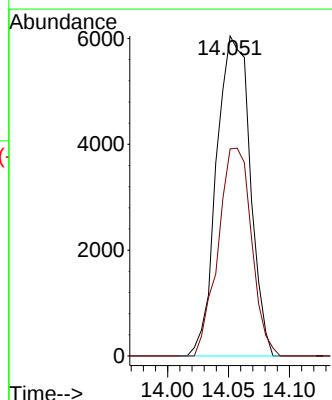
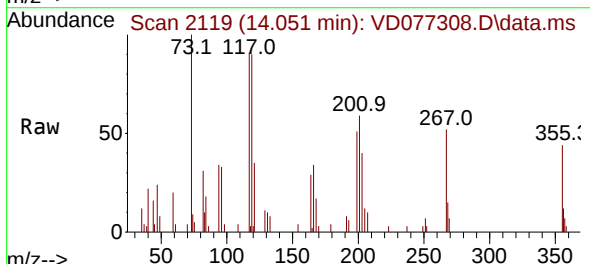
Manual Integrations
APPROVED

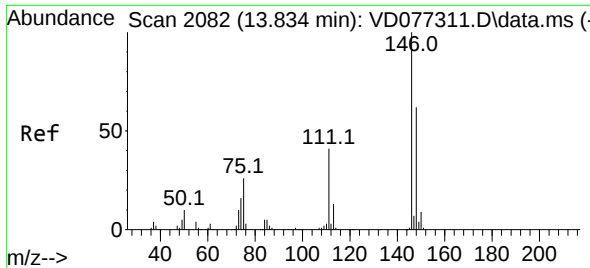
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#90
Hexachloroethane
Concen: 4.836 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Tgt Ion:117 Resp: 11563
Ion Ratio Lower Upper
117 100
201 64.9 38.5 115.5





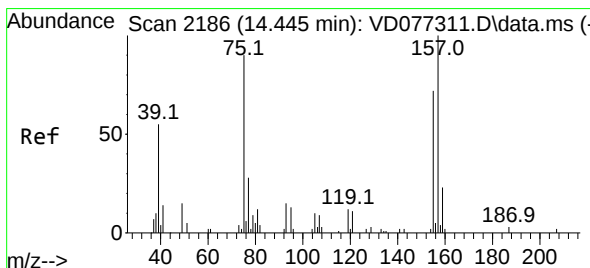
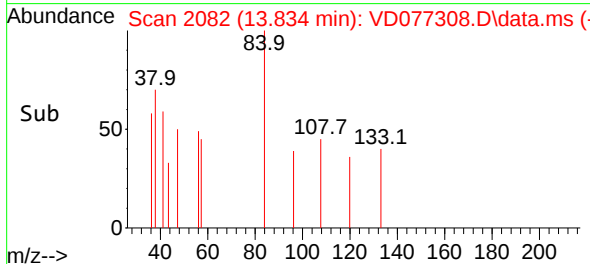
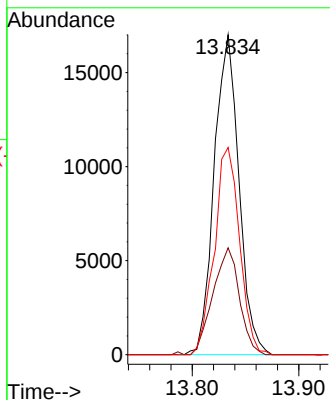
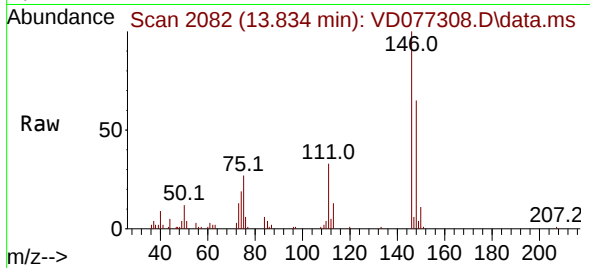
#91
1,2-Dichlorobenzene
Concen: 4.859 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 2739
Ion Ratio Lower Upper
146 100
111 35.7 18.3 54.8
148 66.0 31.6 94.7

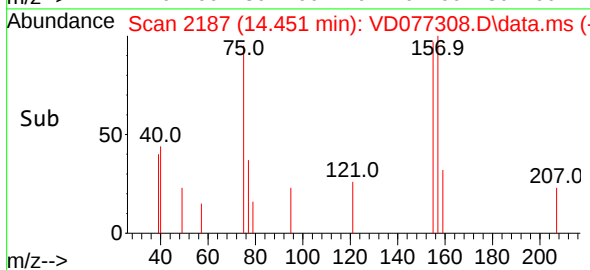
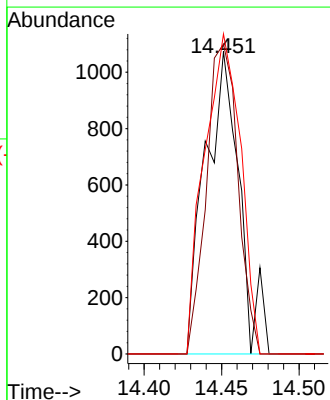
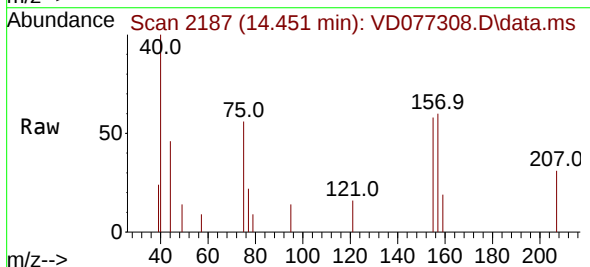
Manual Integrations
APPROVED

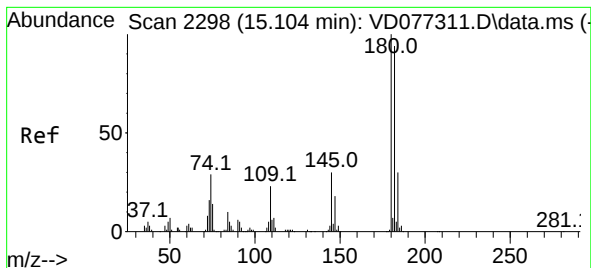
Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.612 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

Tgt Ion: 75 Resp: 1647
Ion Ratio Lower Upper
75 100
155 94.5 47.9 143.8
157 112.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 4.827 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD077308.D

Acq: 11 Oct 2023 15:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:180 Resp: 16418

Ion Ratio Lower Upper

180 100

182 90.1 48.5 145.6

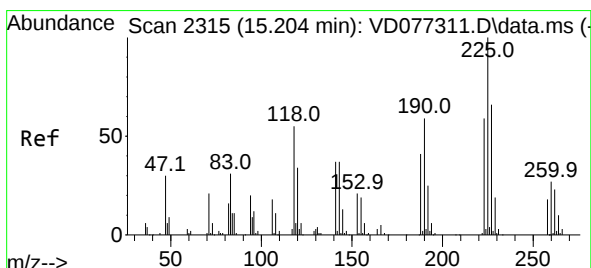
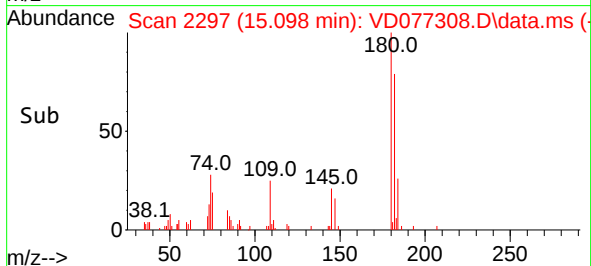
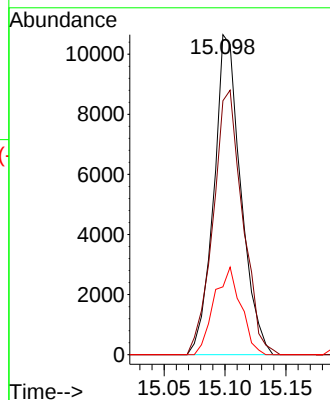
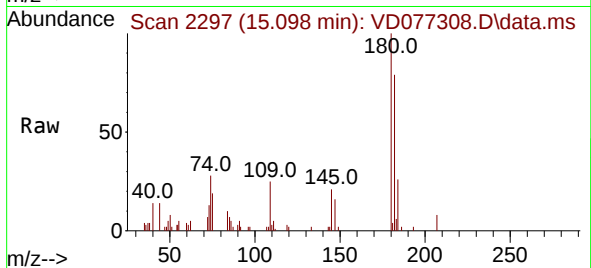
145 27.0 14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023

Supervised By :Semsettin Yesilyurt 10/16/2023



#94

Hexachlorobutadiene

Concen: 4.997 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD077308.D

Acq: 11 Oct 2023 15:51

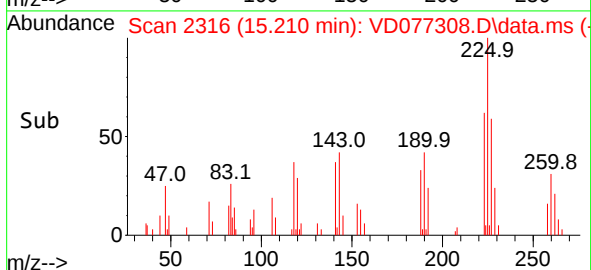
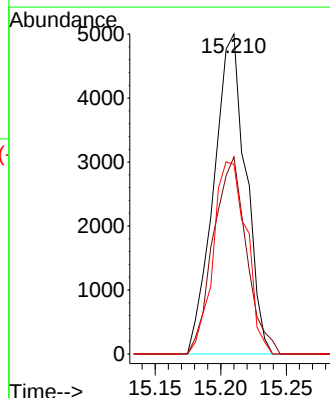
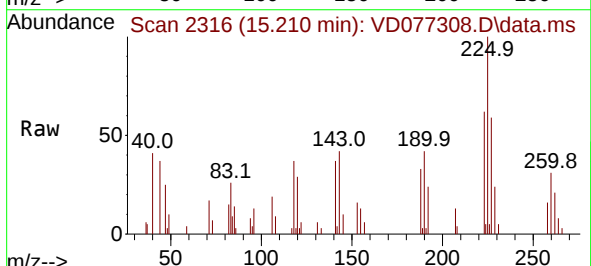
Tgt Ion:225 Resp: 8496

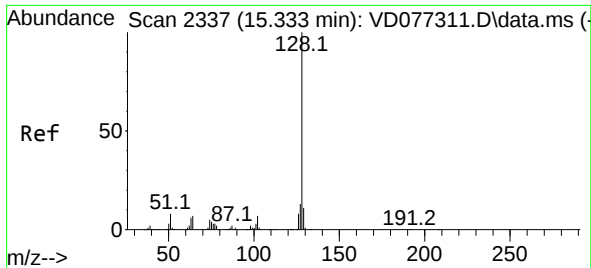
Ion Ratio Lower Upper

225 100

223 63.5 31.6 94.8

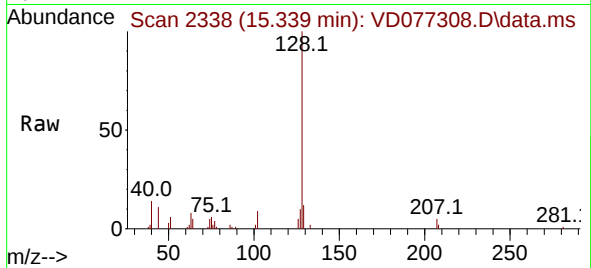
227 62.4 31.7 95.1





#95
Naphthalene
Concen: 4.147 ug/l
RT: 15.339 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51

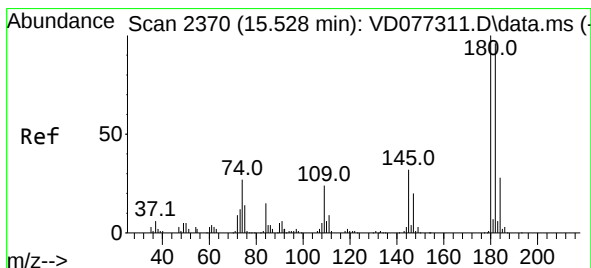
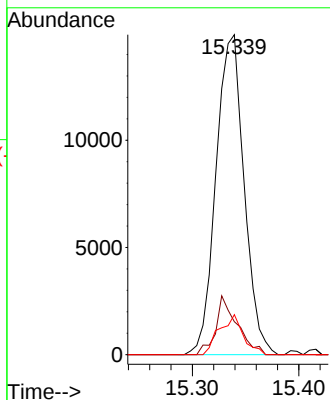
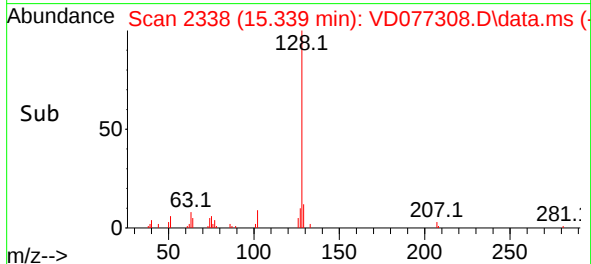
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



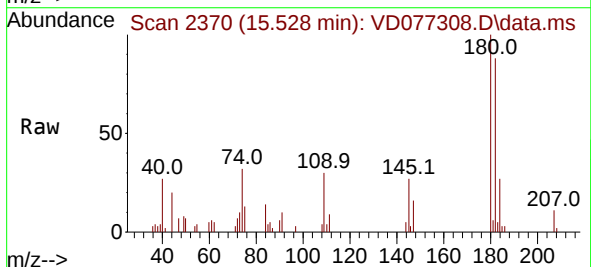
Tgt Ion:128 Resp: 27345
Ion Ratio Lower Upper
128 100
127 10.3 10.5 15.7
129 12.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/16/2023
Supervised By :Semsettin Yesilyurt 10/16/2023



#96
1,2,3-Trichlorobenzene
Concen: 4.840 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.000 min
Lab File: VD077308.D
Acq: 11 Oct 2023 15:51



Tgt Ion:180 Resp: 14547
Ion Ratio Lower Upper
180 100
182 91.4 47.3 141.9
145 28.8 15.1 45.3

