

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077277.D
 Acq On : 05 Oct 2023 16:03
 Operator : JC/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 06 07:39:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 07:36:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	191564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	326776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	310478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	165047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42438	18.258	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	36.520%#		
35) Dibromofluoromethane	7.798	113	50055	18.319	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	36.640%#		
50) Toluene-d8	10.269	98	162783	16.770	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	33.540%#		
62) 4-Bromofluorobenzene	12.569	95	54393	18.015	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	36.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	51555	20.881	ug/l	99
3) Chloromethane	2.146	50	80379	20.888	ug/l	97
4) Vinyl Chloride	2.281	62	97695	20.744	ug/l	98
5) Bromomethane	2.675	94	72326	21.738	ug/l	99
6) Chloroethane	2.828	64	58275	20.781	ug/l	100
7) Trichlorofluoromethane	3.169	101	100096	22.744	ug/l	94
8) Diethyl Ether	3.593	74	27133	18.991	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.963	101	59132	19.852	ug/l	99
10) Methyl Iodide	4.158	142	72190	19.671	ug/l #	90
11) Tert butyl alcohol	5.046	59	15481	97.671	ug/l	96
12) 1,1-Dichloroethene	3.934	96	57219	19.681	ug/l	92
13) Acrolein	3.793	56	10869	68.253	ug/l	97
14) Allyl chloride	4.558	41	72697	19.271	ug/l	92
15) Acrylonitrile	5.246	53	64465	97.835	ug/l	99
16) Acetone	4.010	43	56099	94.933	ug/l #	79
17) Carbon Disulfide	4.263	76	197328	20.134	ug/l	98
18) Methyl Acetate	4.563	43	46106	19.515	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	117168	19.423	ug/l	94
20) Methylene Chloride	4.799	84	96259	20.963	ug/l	92
21) trans-1,2-Dichloroethene	5.305	96	67476	19.659	ug/l	93
22) Diisopropyl ether	6.210	45	161748	20.174	ug/l	95
23) Vinyl Acetate	6.152	43	307512m	93.813	ug/l	
24) 1,1-Dichloroethane	6.110	63	114912	20.137	ug/l	98
25) 2-Butanone	7.081	43	78392	97.211	ug/l	88
26) 2,2-Dichloropropane	7.075	77	95650	19.640	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	72908	19.815	ug/l	94
28) Bromochloromethane	7.422	49	46851	24.856	ug/l #	78
29) Tetrahydrofuran	7.440	42	45856	99.330	ug/l	86
30) Chloroform	7.593	83	118436	19.967	ug/l	97
31) Cyclohexane	7.875	56	89984	19.042	ug/l	95
32) 1,1,1-Trichloroethane	7.787	97	100271	19.776	ug/l	100
36) 1,1-Dichloropropene	8.010	75	86844	19.067	ug/l	97
37) Ethyl Acetate	7.163	43	35090	19.350	ug/l	95
38) Carbon Tetrachloride	7.987	117	82611	19.598	ug/l	94
39) Methylcyclohexane	9.269	83	99595	19.098	ug/l	90
40) Benzene	8.251	78	267611	19.723	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	17829	19.180	ug/l	94
42) 1,2-Dichloroethane	8.322	62	64731	20.125	ug/l	99
43) Isopropyl Acetate	8.357	43	62668	19.590	ug/l #	90
44) Trichloroethene	9.028	130	67753	19.508	ug/l	99
45) 1,2-Dichloropropane	9.304	63	66210	19.834	ug/l	97
46) Dibromomethane	9.393	93	36073	19.376	ug/l	90
47) Bromodichloromethane	9.581	83	86102	19.952	ug/l	98
48) Methyl methacrylate	9.381	41	29526	19.924	ug/l #	80
49) 1,4-Dioxane	9.381	88	7253	391.347	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	162243	97.734	ug/l	90
52) Toluene	10.334	92	165736	19.923	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	77754	18.839	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	97997	19.781	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	50202	19.768	ug/l	92
56) Ethyl methacrylate	10.598	69	52009	18.780	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	82787	19.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	61964	74.137	ug/l	95
59) 2-Hexanone	10.922	43	113891	95.818	ug/l	89
60) Dibromochloromethane	11.075	129	59082	20.324	ug/l	94
61) 1,2-Dibromoethane	11.181	107	46344	19.616	ug/l	97
64) Tetrachloroethene	10.810	164	56727	19.930	ug/l	91
65) Chlorobenzene	11.610	112	173812	19.865	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	61762	20.028	ug/l	99
67) Ethyl Benzene	11.687	91	299966	19.248	ug/l	97
68) m/p-Xylenes	11.792	106	239091	39.474	ug/l	89
69) o-Xylene	12.122	106	107092	19.459	ug/l	92
70) Styrene	12.134	104	189306	20.024	ug/l	97
71) Bromoform	12.298	173	34277	20.013	ug/l #	97
73) Isopropylbenzene	12.422	105	279362	18.708	ug/l	98
74) N-amyl acetate	12.234	43	56901	18.555	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	58040	19.560	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	30670m	18.884	ug/l	
77) Bromobenzene	12.698	156	67648	19.410	ug/l	88
78) n-propylbenzene	12.763	91	357795	19.085	ug/l	95
79) 2-Chlorotoluene	12.845	91	192051	19.036	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	238237	19.304	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	17265	17.940	ug/l	98
82) 4-Chlorotoluene	12.945	91	206140	19.399	ug/l	95
83) tert-Butylbenzene	13.169	119	199398	18.954	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	239743	19.431	ug/l	95
85) sec-Butylbenzene	13.345	105	305455	18.936	ug/l	97
86) p-Isopropyltoluene	13.457	119	252762	18.863	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	140316	19.394	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	139515	19.491	ug/l	98
89) n-Butylbenzene	13.786	91	238582	18.481	ug/l	97
90) Hexachloroethane	14.051	117	51634	19.245	ug/l	89
91) 1,2-Dichlorobenzene	13.833	146	119798	19.401	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7083	18.434	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	68740	18.528	ug/l	99
94) Hexachlorobutadiene	15.204	225	36708	18.777	ug/l	98
95) Naphthalene	15.333	128	127954	17.923	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	60972	18.473	ug/l	98

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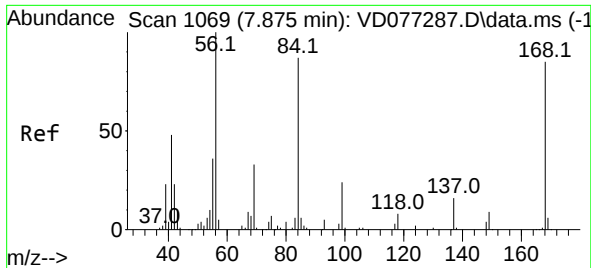
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 10/09/2023

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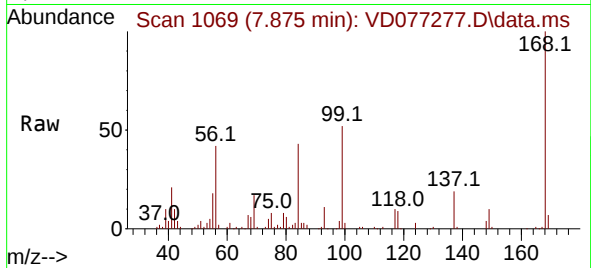
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
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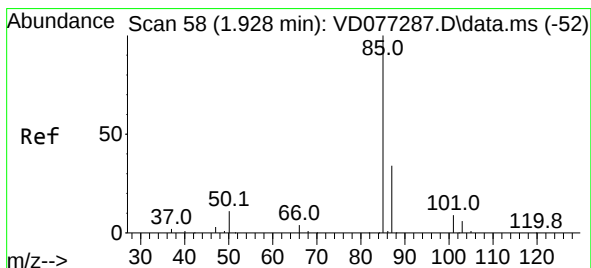
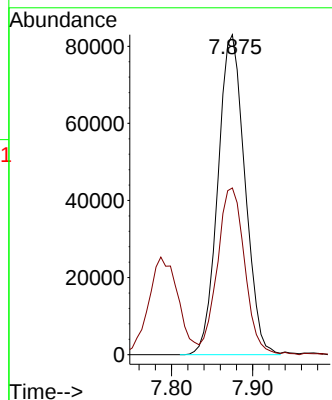
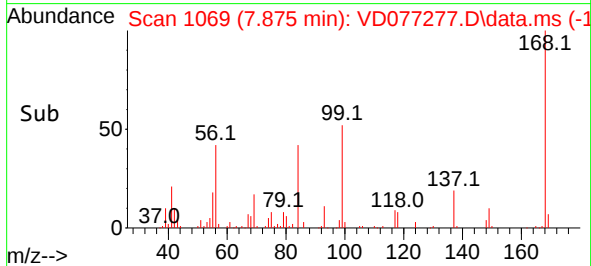
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 191564
Ion Ratio Lower Upper
168 100
99 51.7 36.7 55.1

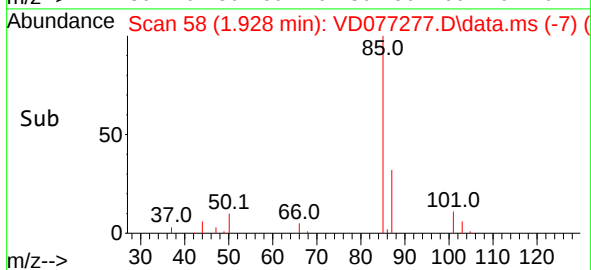
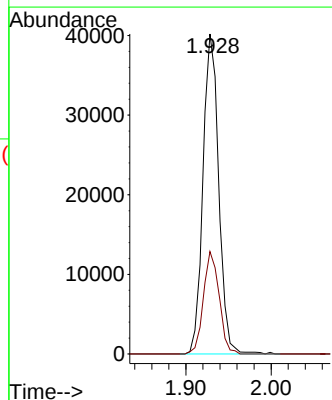
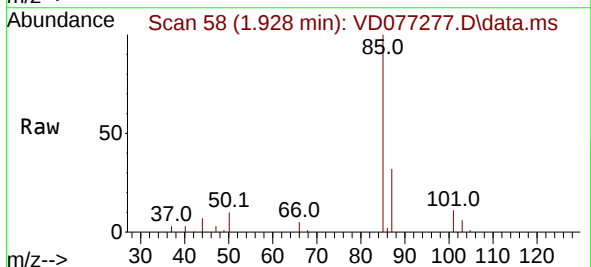
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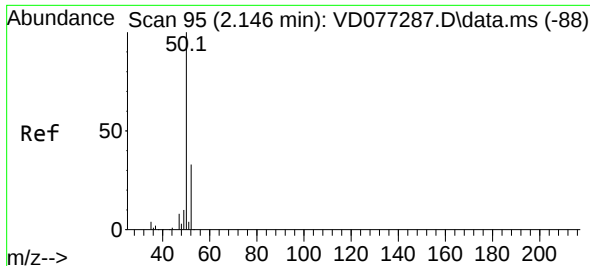
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#2
Dichlorodifluoromethane
Concen: 20.881 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

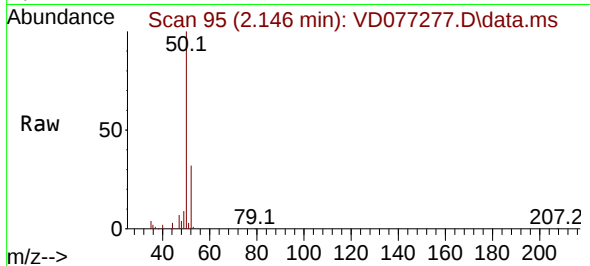
Tgt Ion: 85 Resp: 51555
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.0





#3
Chloromethane
Concen: 20.888 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

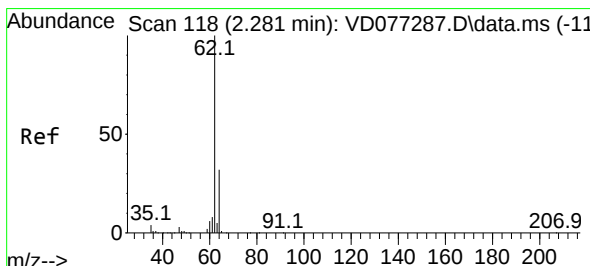
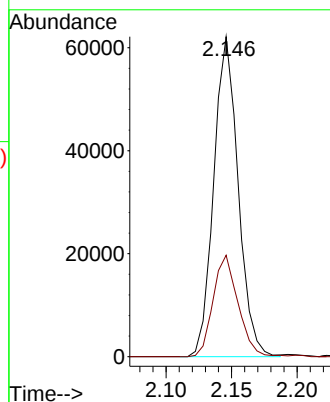
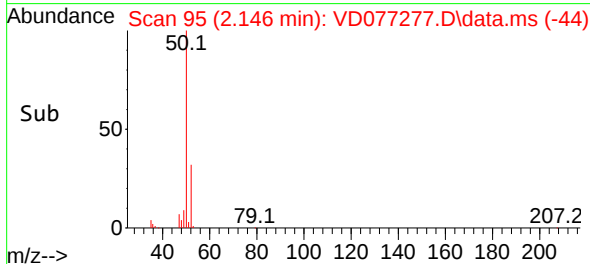
Instrument :
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ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 80379
Ion Ratio Lower Upper
50 100
52 31.7 26.6 40.0

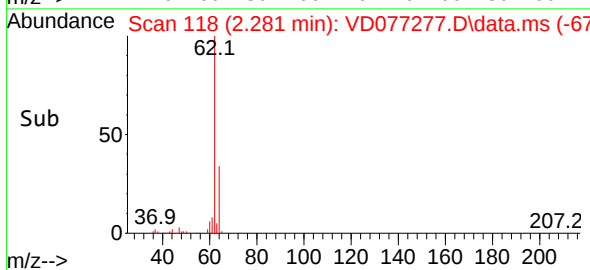
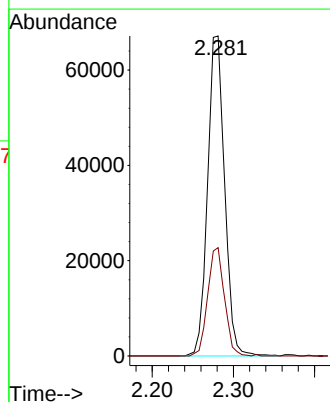
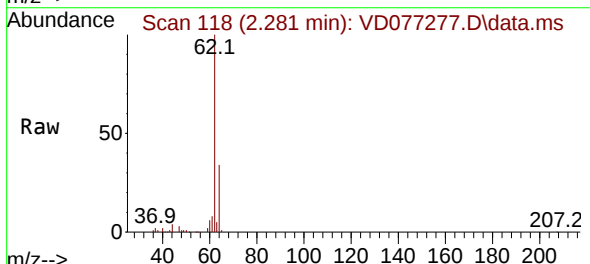
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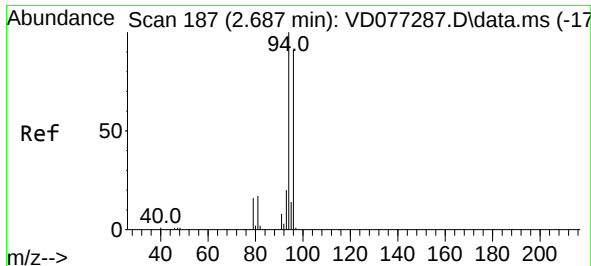
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#4
Vinyl Chloride
Concen: 20.744 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Tgt Ion: 62 Resp: 97695
Ion Ratio Lower Upper
62 100
64 33.9 26.0 39.0





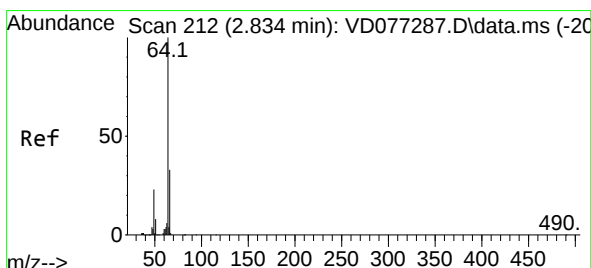
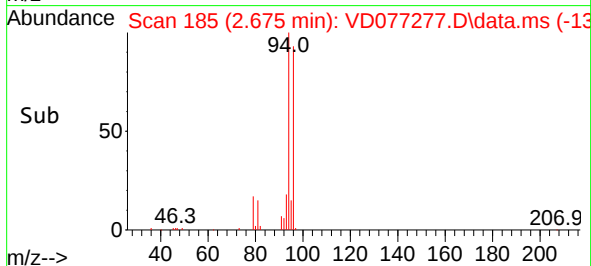
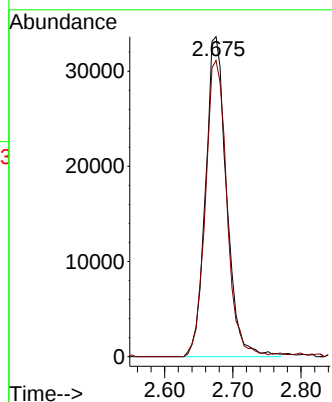
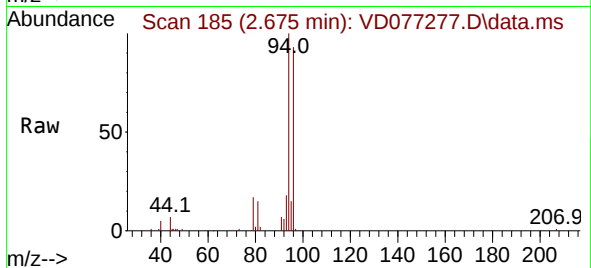
#5
Bromomethane
Concen: 21.738 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 94 Resp: 72320
Ion Ratio Lower Upper
94 100
96 94.1 75.8 113.8

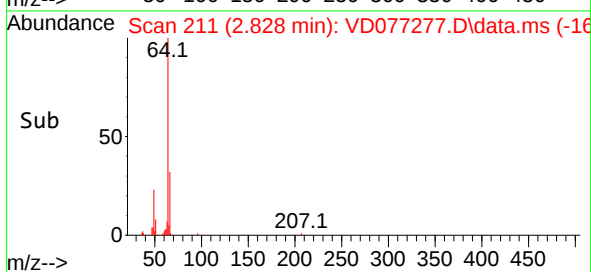
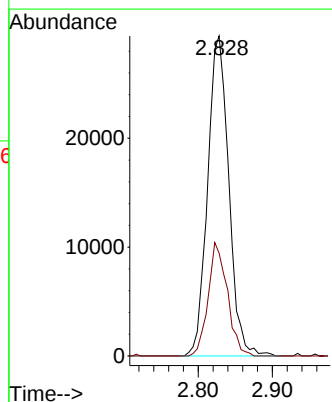
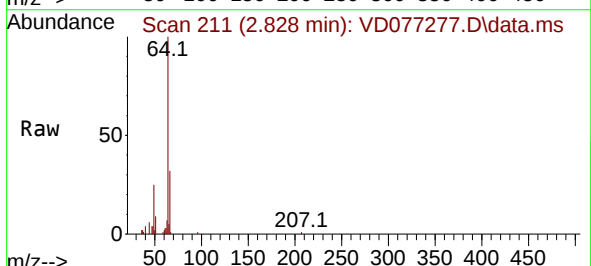
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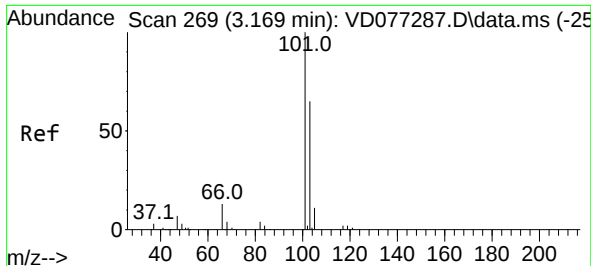
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#6
Chloroethane
Concen: 20.781 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Tgt Ion: 64 Resp: 58275
Ion Ratio Lower Upper
64 100
66 32.2 25.5 38.3





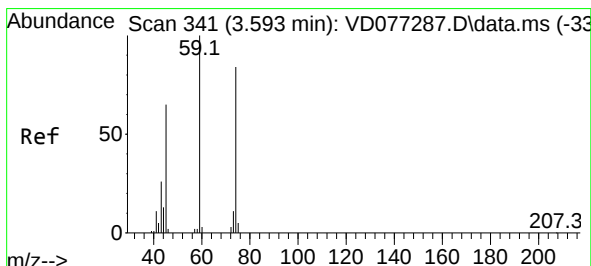
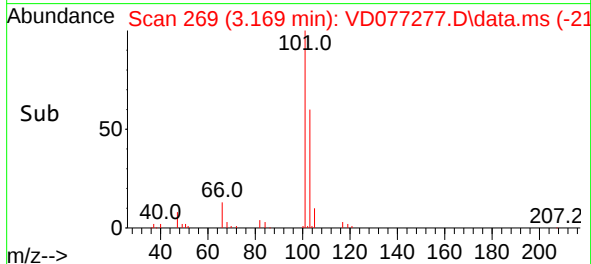
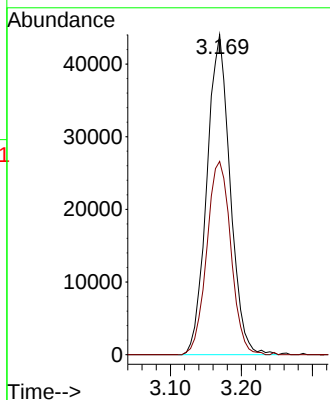
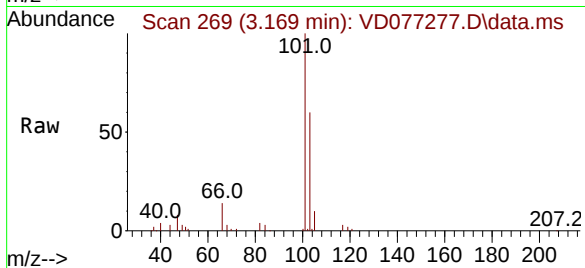
#7
Trichlorofluoromethane
Concen: 22.744 ug/l
RT: 3.169 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Instrument :
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VSTDIC020

Tgt Ion:101 Resp: 100090
Ion Ratio Lower Upper
101 100
103 60.4 52.3 78.5

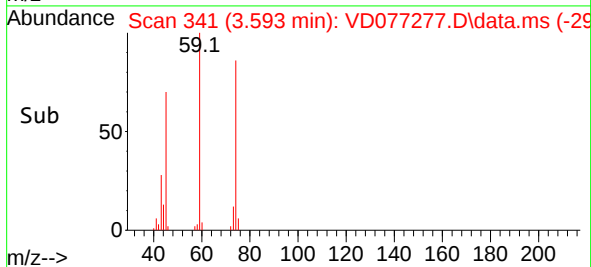
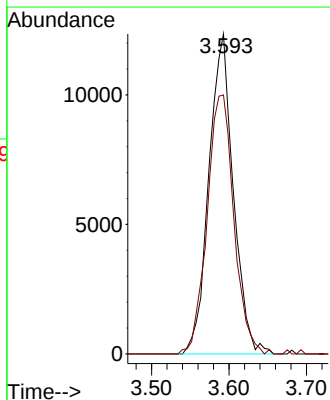
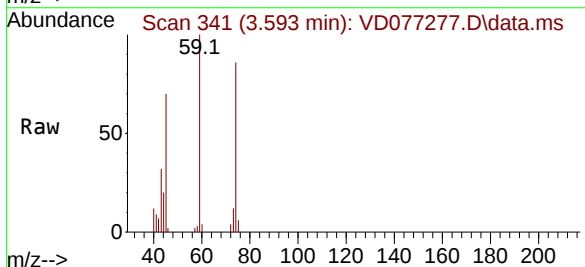
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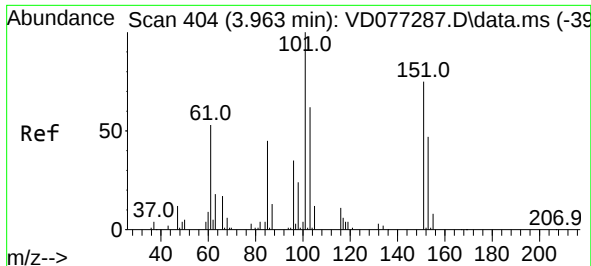
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#8
Diethyl Ether
Concen: 18.991 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Tgt Ion: 74 Resp: 27133
Ion Ratio Lower Upper
74 100
45 88.7 37.5 112.7





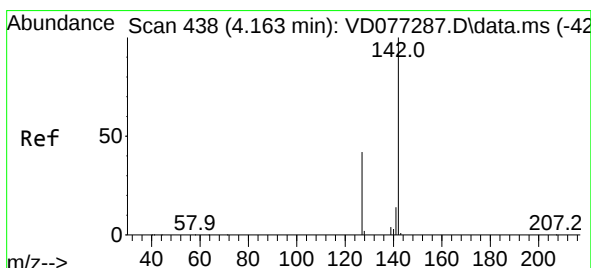
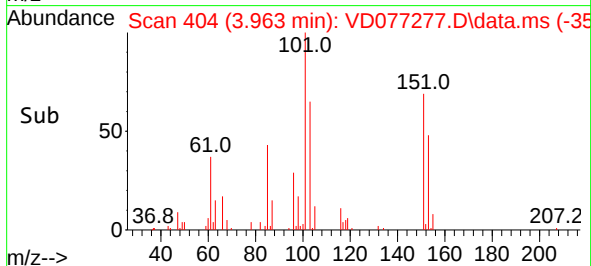
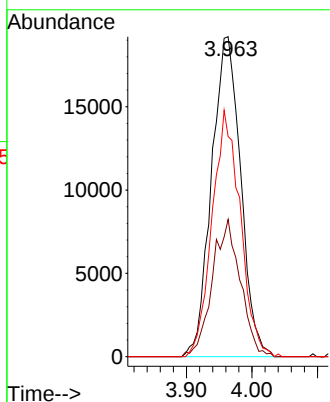
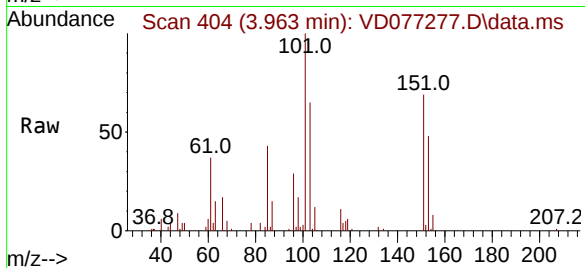
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.852 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 5913
Ion Ratio Lower Upper
101 100
85 41.5 33.8 50.6
151 74.5 59.8 89.6

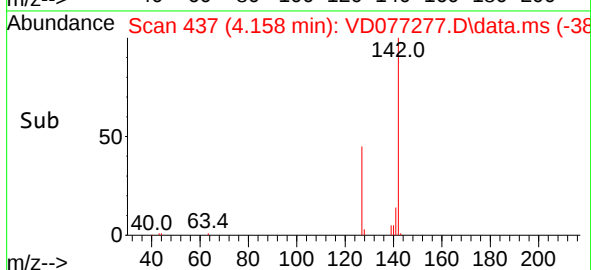
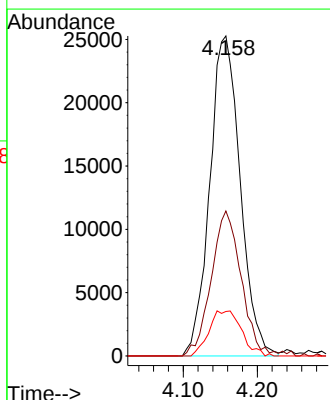
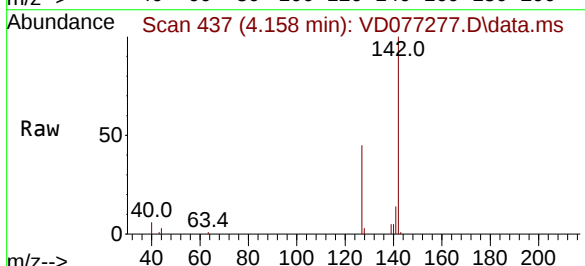
Manual Integrations
APPROVED

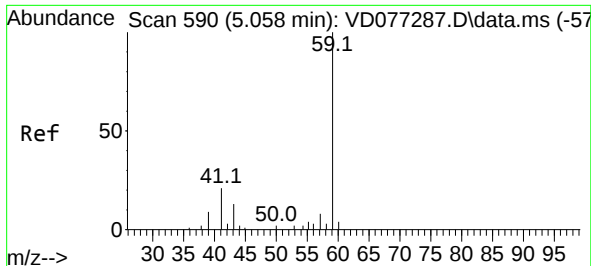
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#10
Methyl Iodide
Concen: 19.671 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

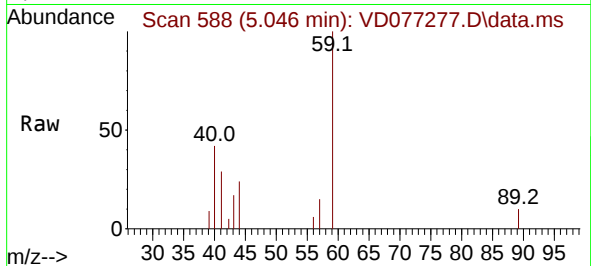
Tgt Ion:142 Resp: 72190
Ion Ratio Lower Upper
142 100
127 44.4 29.4 44.0#
141 15.0 11.1 16.7





#11
Tert butyl alcohol
Concen: 97.671 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

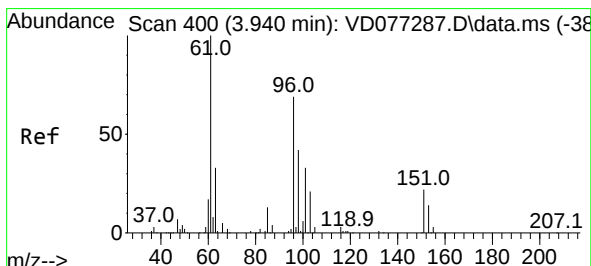
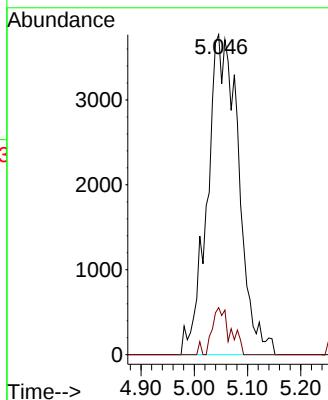
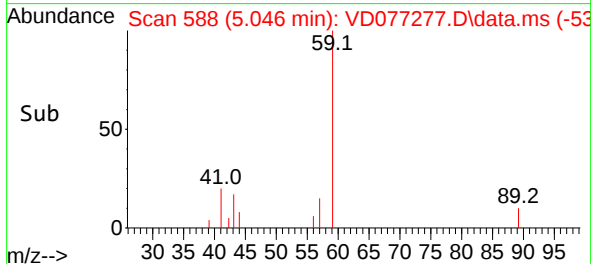
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



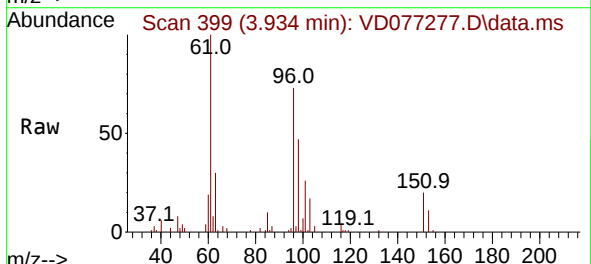
Tgt Ion: 59 Resp: 1548
Ion Ratio Lower Upper
59 100
57 8.3 7.8 11.8

Manual Integrations
APPROVED

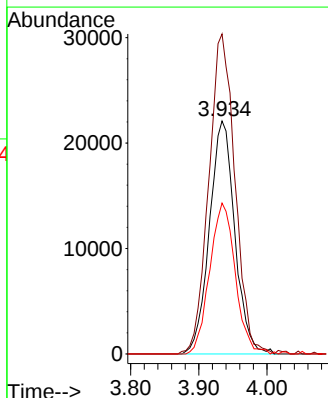
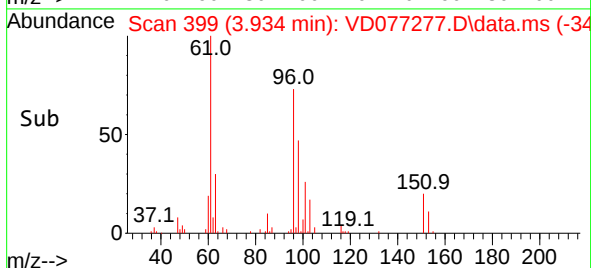
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

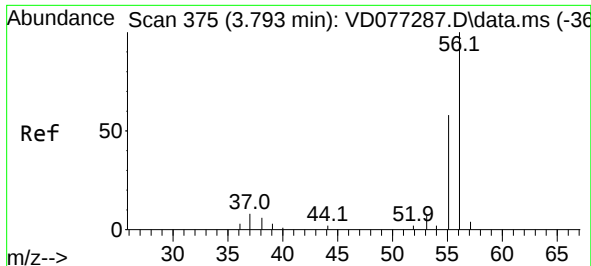


#12
1,1-Dichloroethene
Concen: 19.681 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03



Tgt Ion: 96 Resp: 57219
Ion Ratio Lower Upper
96 100
61 137.3 100.6 150.8
98 64.8 50.2 75.2





#13

Acrolein

Concen: 68.253 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 10869

Ion Ratio Lower Upper

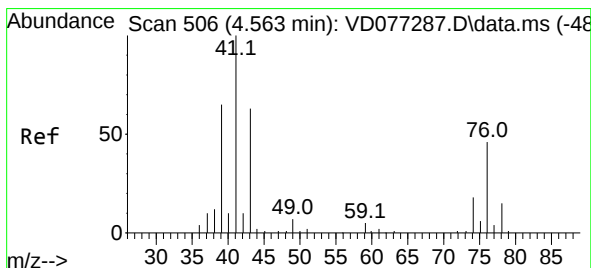
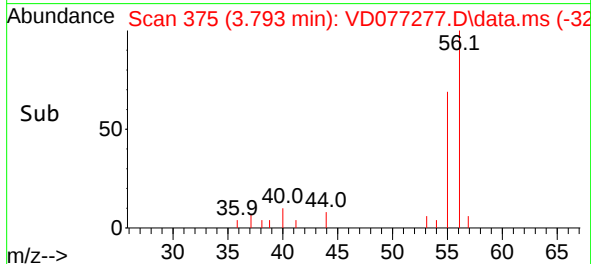
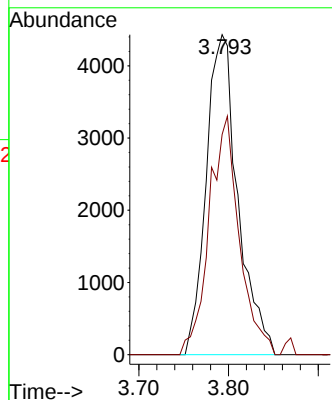
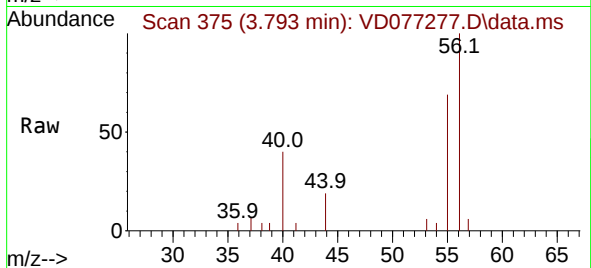
56 100

55 71.0 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#14

Allyl chloride

Concen: 19.271 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.000 min

Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

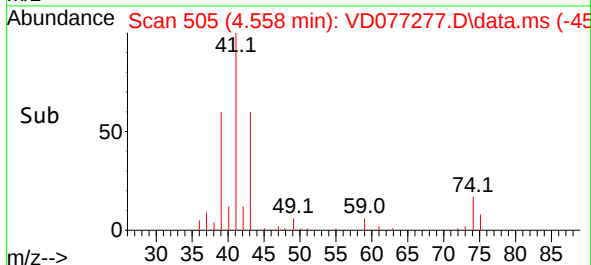
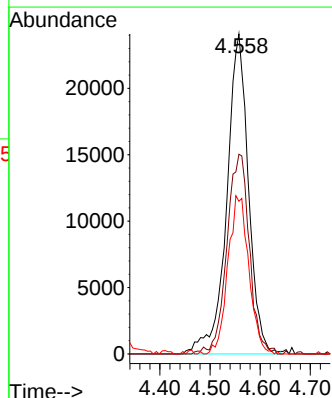
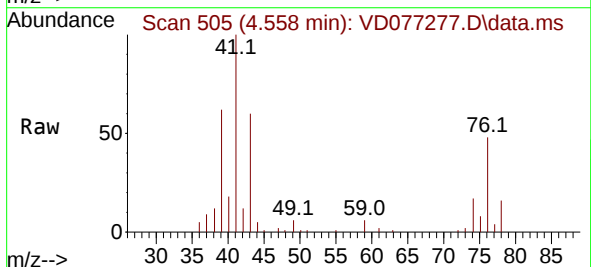
Tgt Ion: 41 Resp: 72697

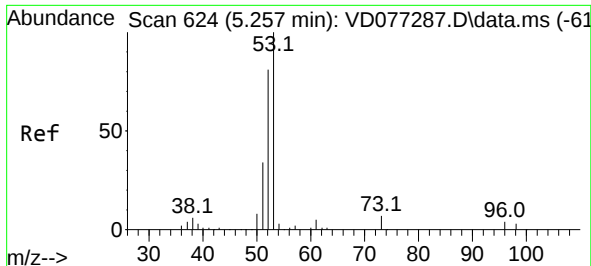
Ion Ratio Lower Upper

41 100

39 64.6 53.8 80.6

76 47.7 45.8 68.8





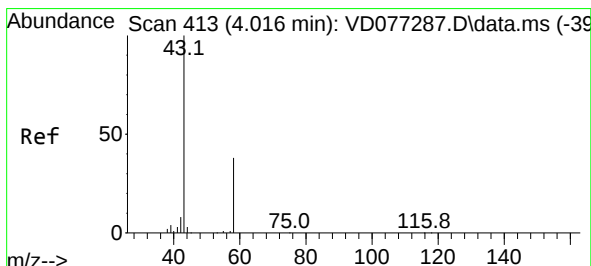
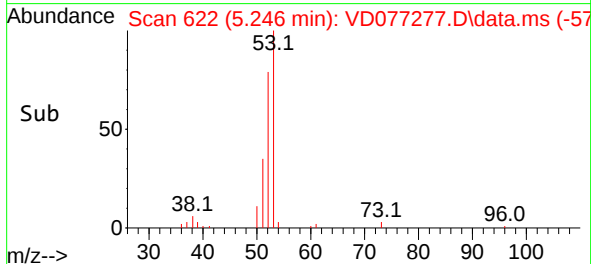
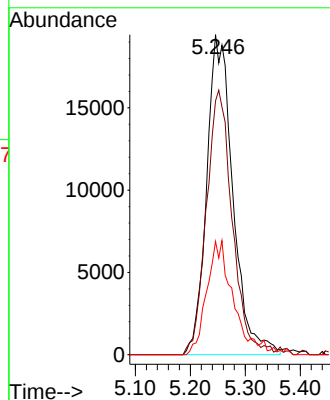
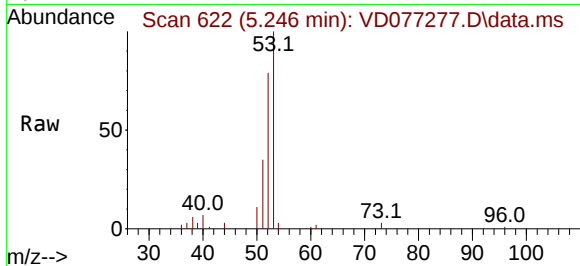
#15
Acrylonitrile
Concen: 97.835 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 6446
Ion Ratio Lower Upper
53 100
52 81.7 65.0 97.4
51 36.0 28.3 42.5

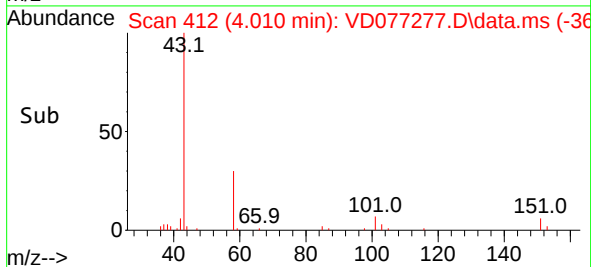
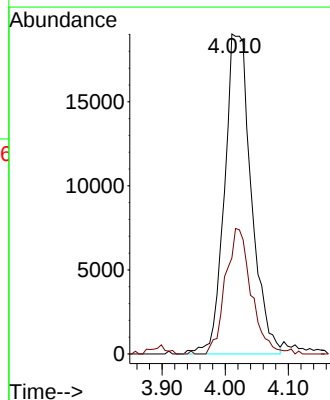
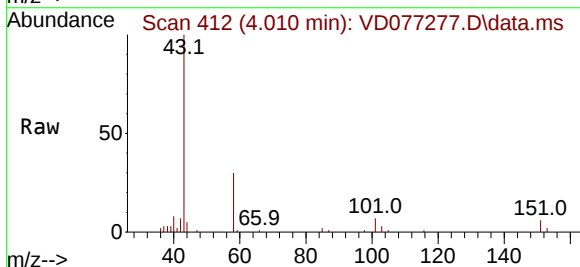
Manual Integrations
APPROVED

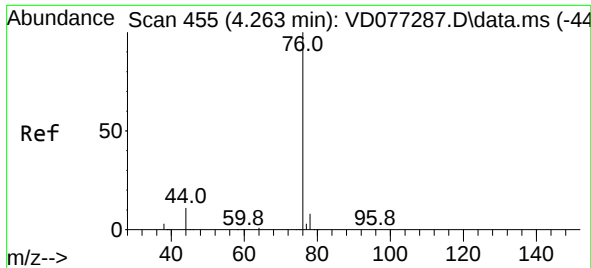
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#16
Acetone
Concen: 94.933 ug/l
RT: 4.010 min Scan# 412
Delta R.T. -0.012 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Tgt Ion: 43 Resp: 56099
Ion Ratio Lower Upper
43 100
58 30.0 34.7 52.1#





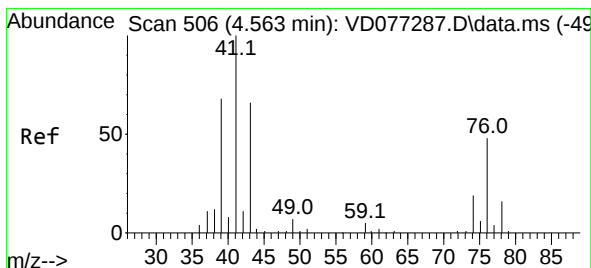
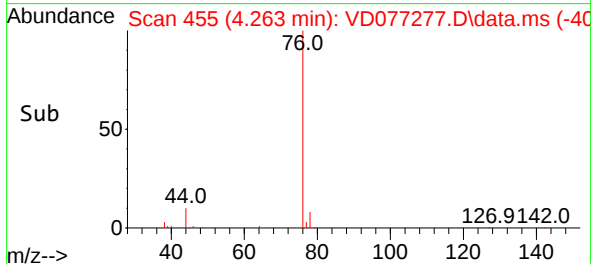
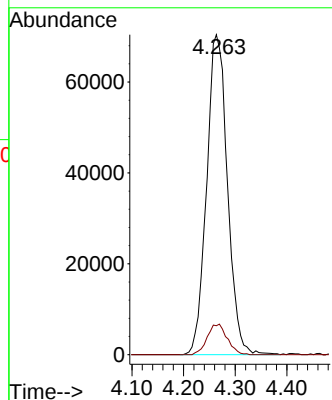
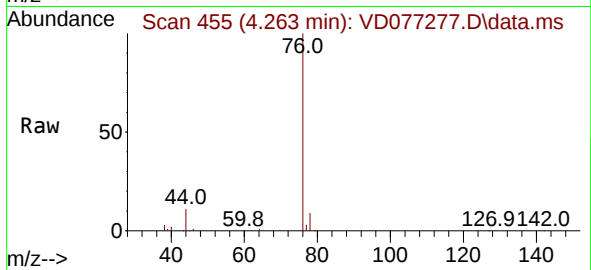
#17
Carbon Disulfide
Concen: 20.134 ug/l
RT: 4.263 min Scan# 455
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 197328
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2

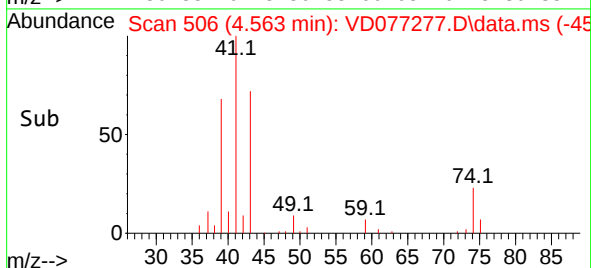
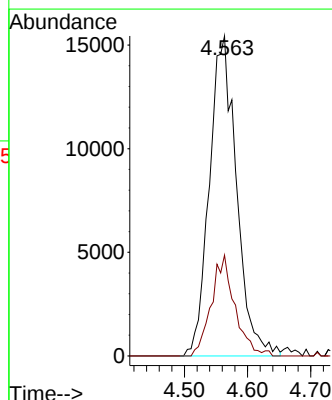
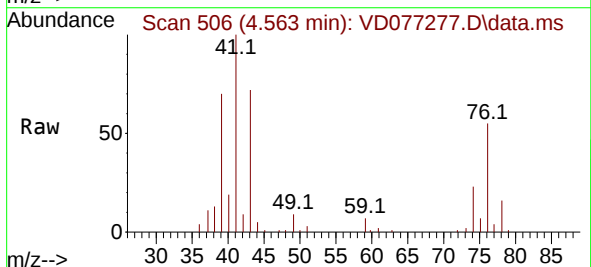
Manual Integrations
APPROVED

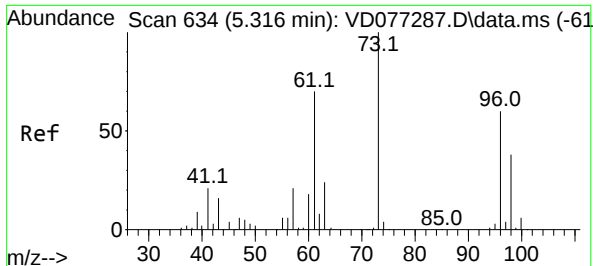
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#18
Methyl Acetate
Concen: 19.515 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

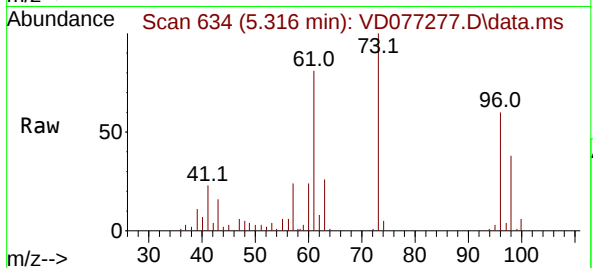
Tgt Ion: 43 Resp: 46106
Ion Ratio Lower Upper
43 100
74 27.3 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 19.423 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

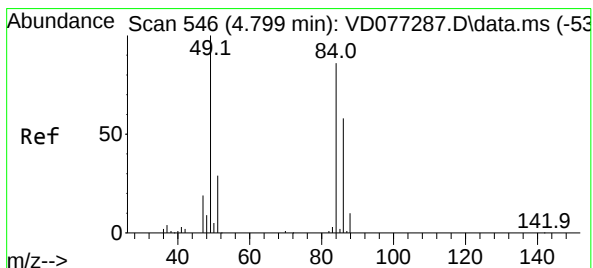
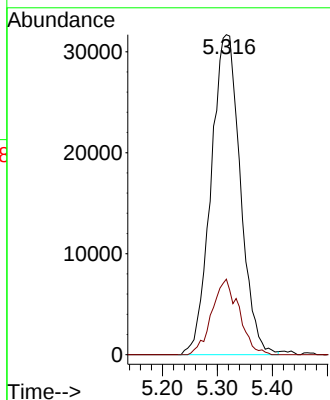
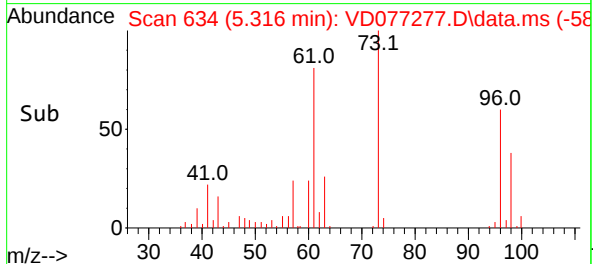
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 73 Resp: 11716
Ion Ratio Lower Upper
73 100
57 23.6 16.6 25.0

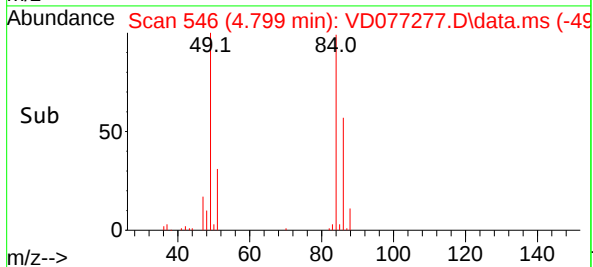
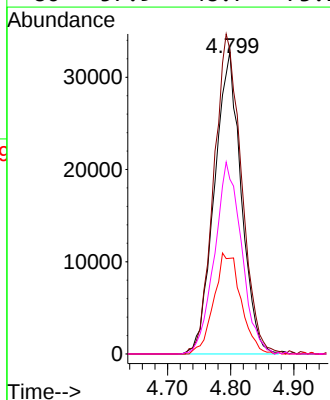
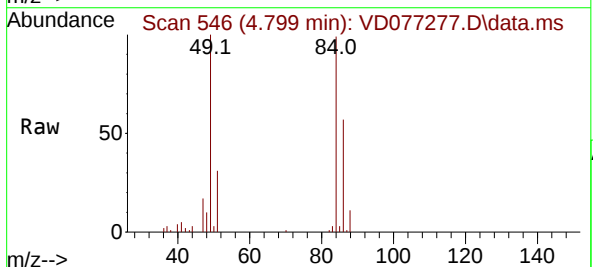
Manual Integrations
APPROVED

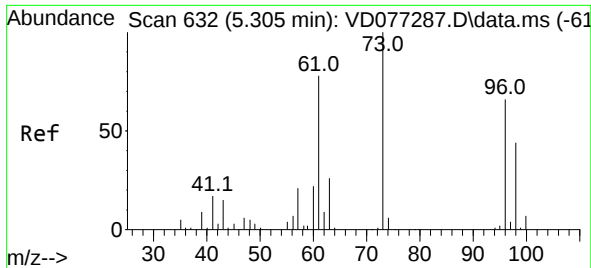
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#20
Methylene Chloride
Concen: 20.963 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

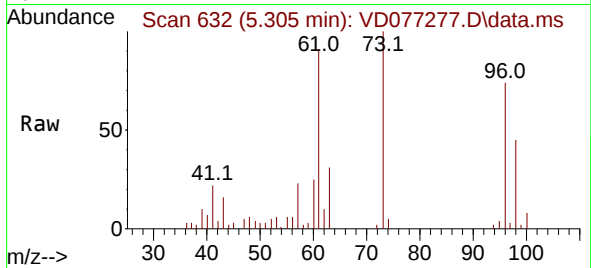
Tgt Ion: 84 Resp: 96259
Ion Ratio Lower Upper
84 100
49 100.7 71.4 107.2
51 31.7 24.5 36.7
86 57.9 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 19.659 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

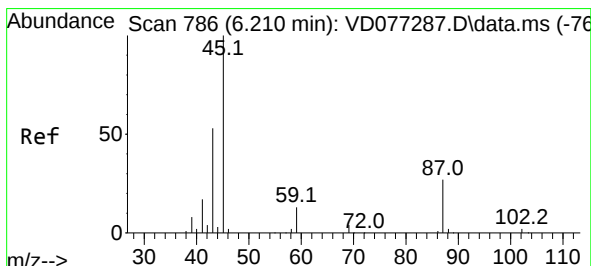
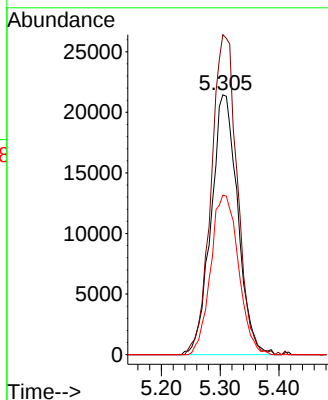
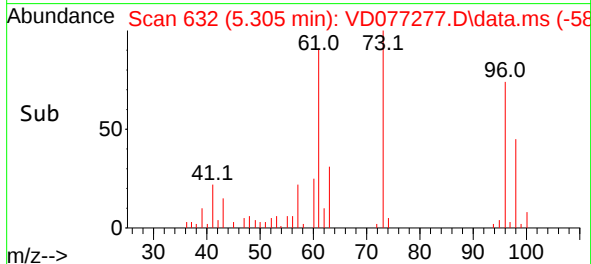
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



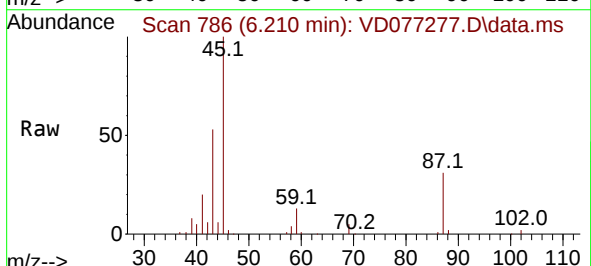
Tgt Ion: 96 Resp: 67470
Ion Ratio Lower Upper
96 100
61 123.2 89.3 133.9
98 61.4 48.6 73.0

Manual Integrations
APPROVED

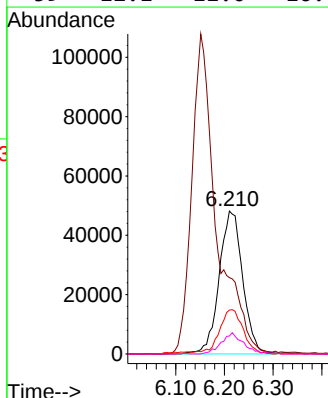
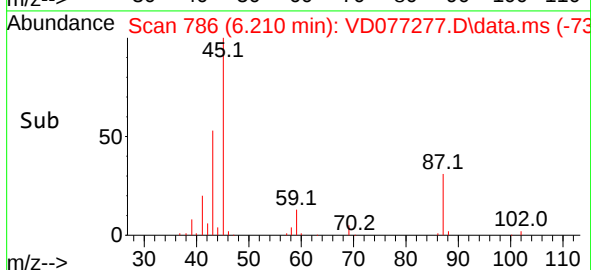
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

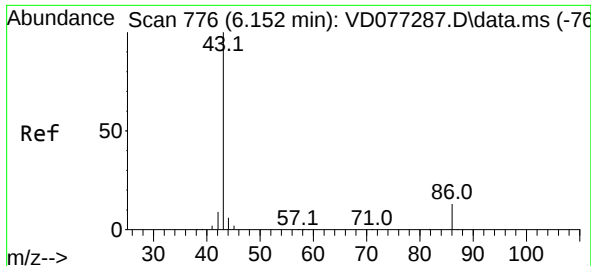


#22
Diisopropyl ether
Concen: 20.174 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03



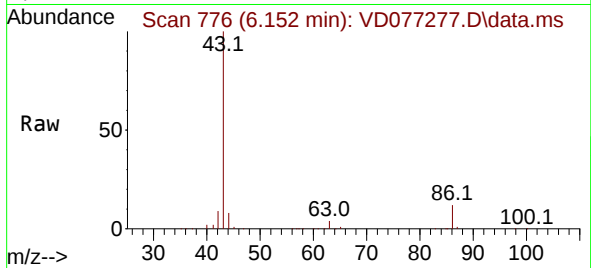
Tgt Ion: 45 Resp: 161748
Ion Ratio Lower Upper
45 100
43 52.3 40.0 60.0
87 30.4 28.2 42.4
59 12.1 11.0 16.4





#23
 Vinyl Acetate
 Concen: 93.813 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD077277.D
 Acq: 05 Oct 2023 16:03

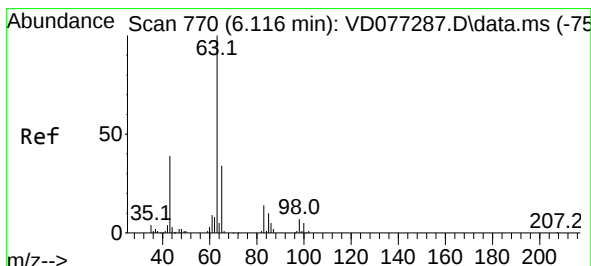
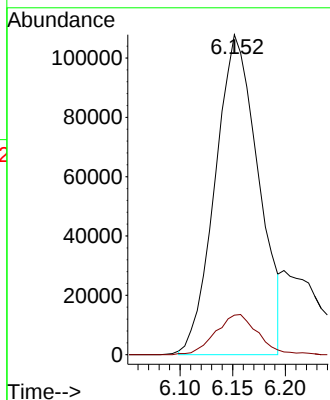
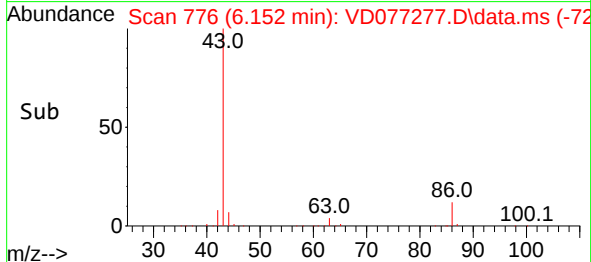
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



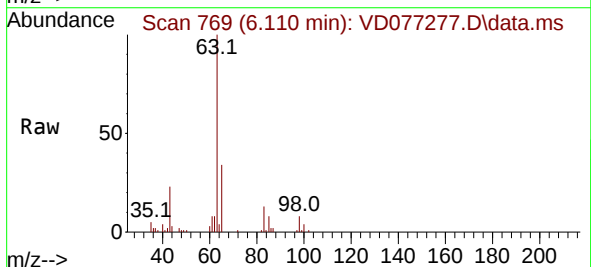
Tgt Ion: 43 Resp: 307512
 Ion Ratio Lower Upper
 43 100
 86 12.4 12.5 18.7

Manual Integrations
 APPROVED

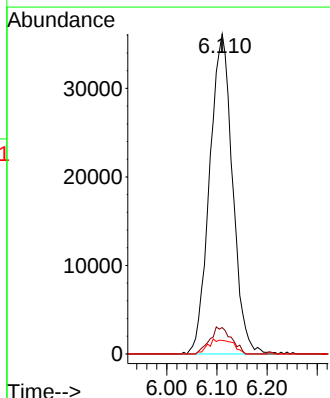
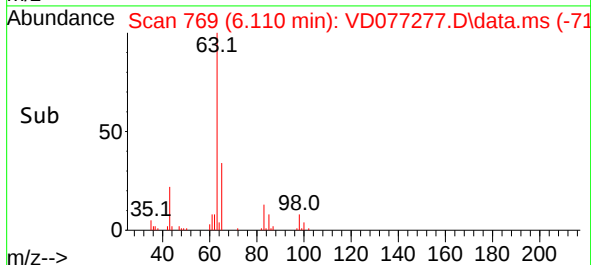
Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023

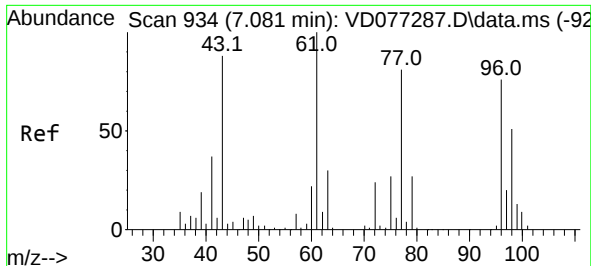


#24
 1,1-Dichloroethane
 Concen: 20.137 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD077277.D
 Acq: 05 Oct 2023 16:03



Tgt Ion: 63 Resp: 114912
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.5 13.7
 100 4.3 2.5 7.5





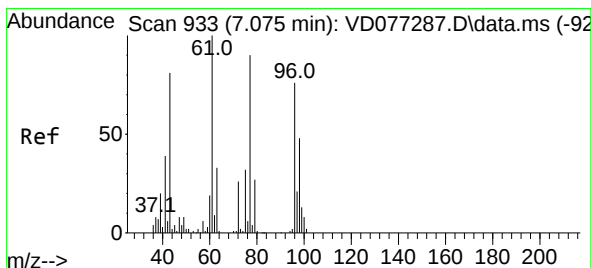
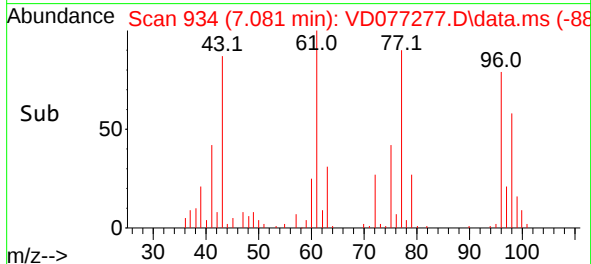
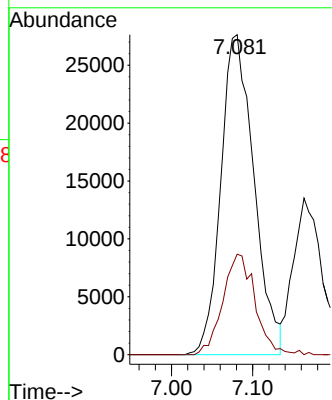
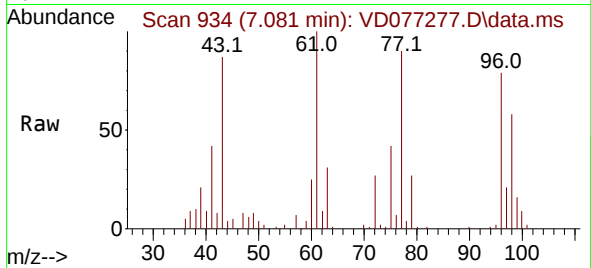
#25
2-Butanone
Concen: 97.211 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 78392
Ion Ratio Lower Upper
43 100
72 31.4 30.7 46.1

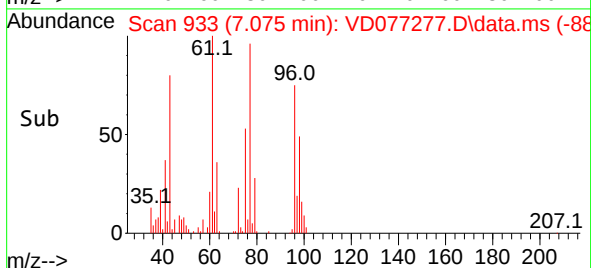
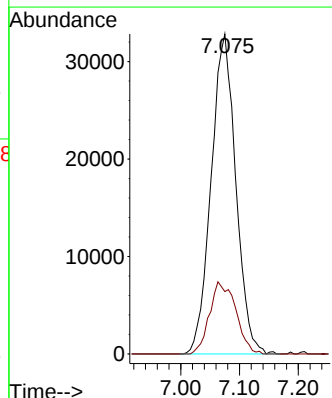
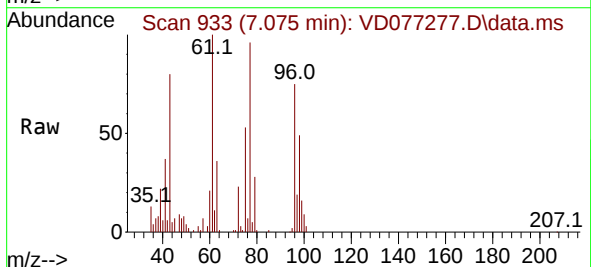
Manual Integrations
APPROVED

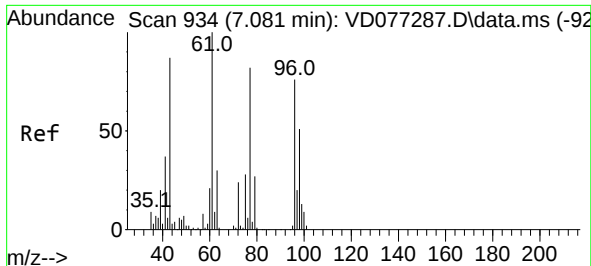
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#26
2,2-Dichloropropane
Concen: 19.640 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Tgt Ion: 77 Resp: 95650
Ion Ratio Lower Upper
77 100
97 24.0 13.2 39.6





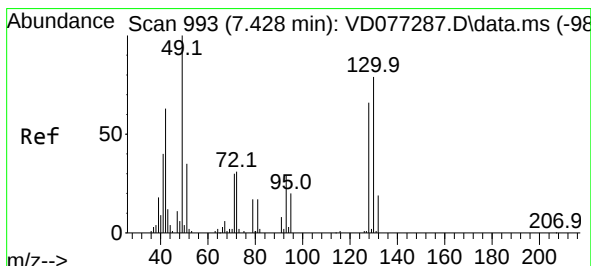
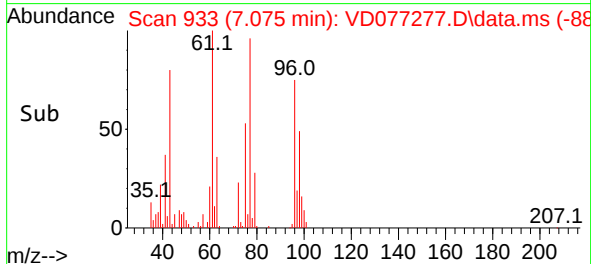
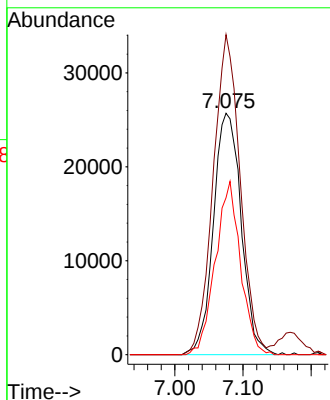
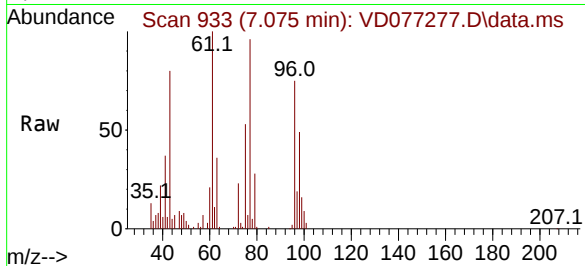
#27
cis-1,2-Dichloroethene
Concen: 19.815 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 72908
Ion Ratio Lower Upper
96 100
61 128.9 0.0 239.2
98 65.1 0.0 128.6

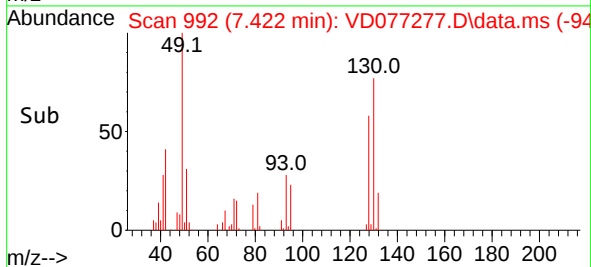
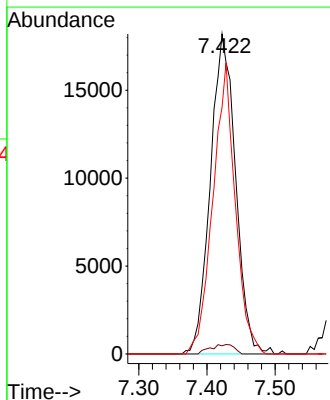
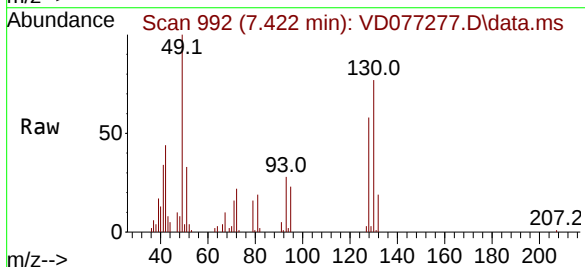
Manual Integrations
APPROVED

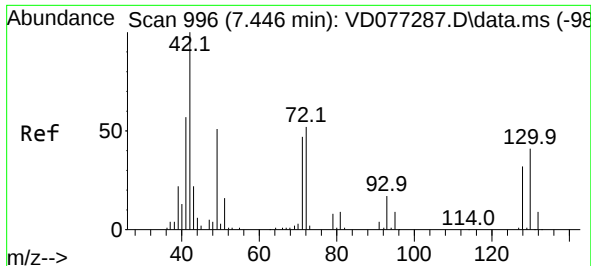
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#28
Bromochloromethane
Concen: 24.856 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Tgt Ion: 49 Resp: 46851
Ion Ratio Lower Upper
49 100
129 2.8 0.0 6.0
130 80.6 83.2 124.8#





#29

Tetrahydrofuran

Concen: 99.330 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

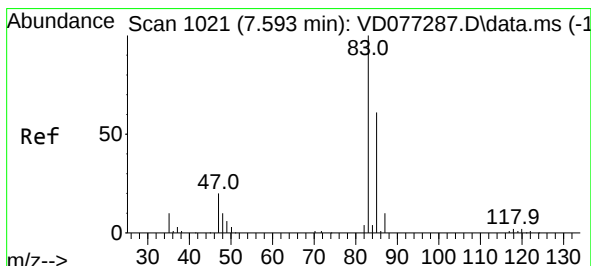
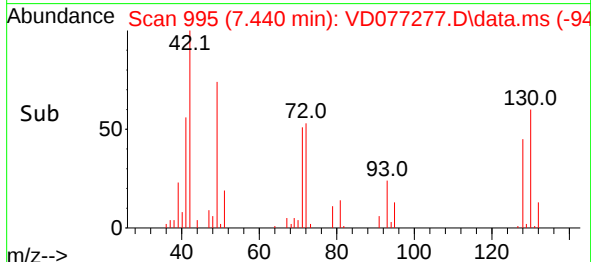
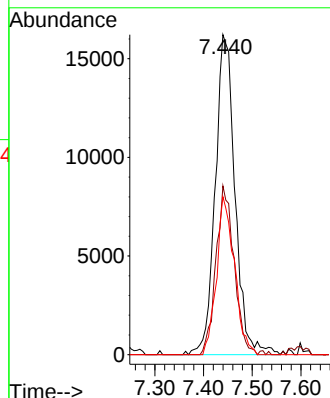
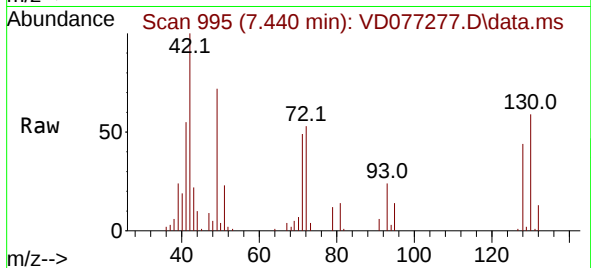
Tgt Ion: 42 Resp: 4585

Ion	Ratio	Lower	Upper
42	100		
72	48.0	46.5	69.7
71	44.5	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#30

Chloroform

Concen: 19.967 ug/l

RT: 7.593 min Scan# 1021

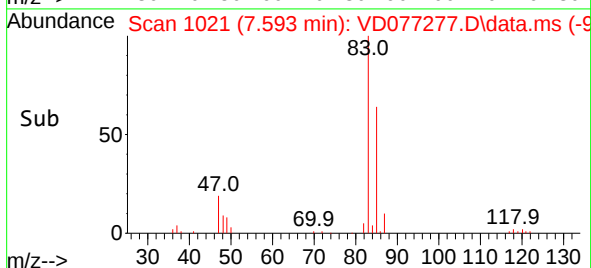
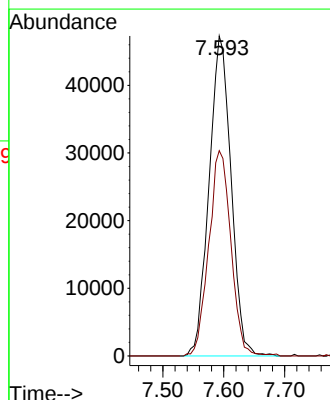
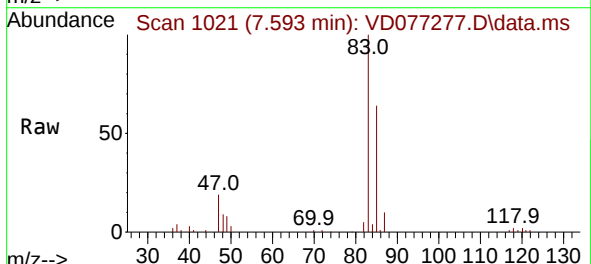
Delta R.T. -0.000 min

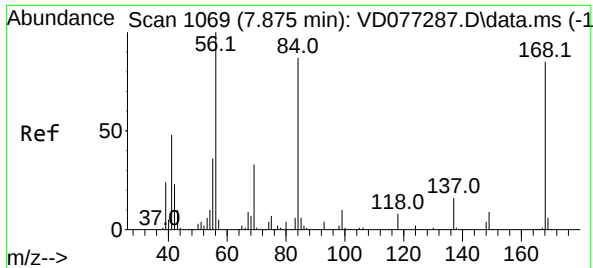
Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

Tgt Ion: 83 Resp: 118436

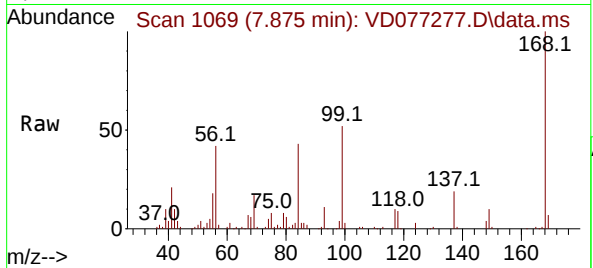
Ion	Ratio	Lower	Upper
83	100		
85	64.2	53.4	80.2





#31
Cyclohexane
Concen: 19.042 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

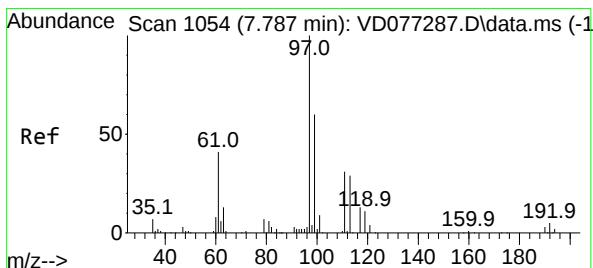
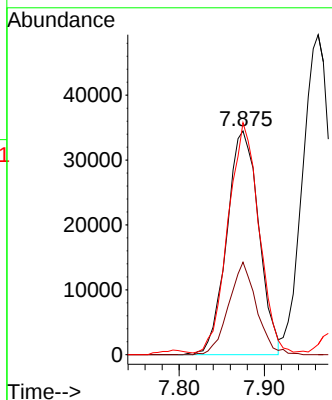
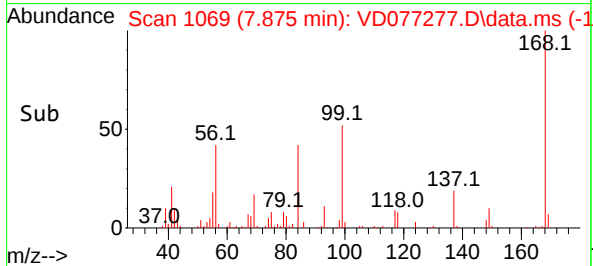
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



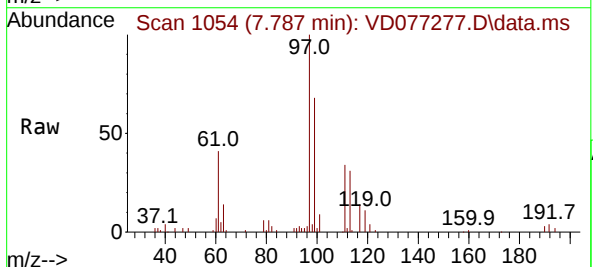
Tgt Ion: 56 Resp: 89984
Ion Ratio Lower Upper
56 100
69 41.3 28.6 43.0
84 101.9 84.8 127.2

Manual Integrations
APPROVED

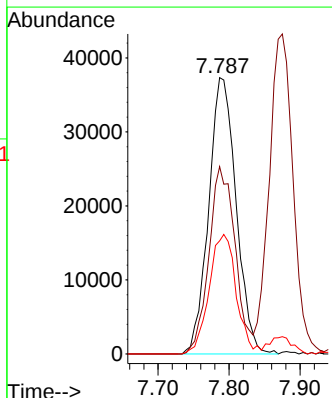
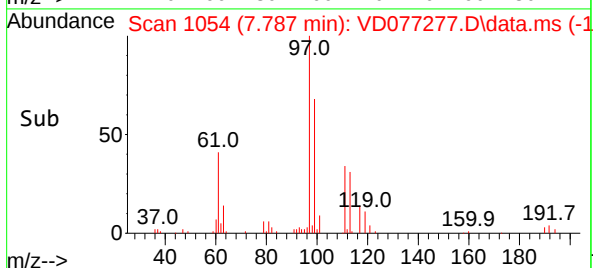
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

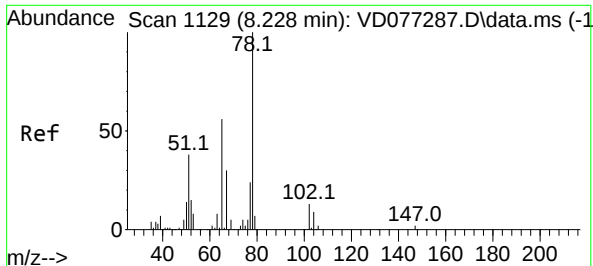


#32
1,1,1-Trichloroethane
Concen: 19.776 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03



Tgt Ion: 97 Resp: 100271
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 42.8 33.8 50.8





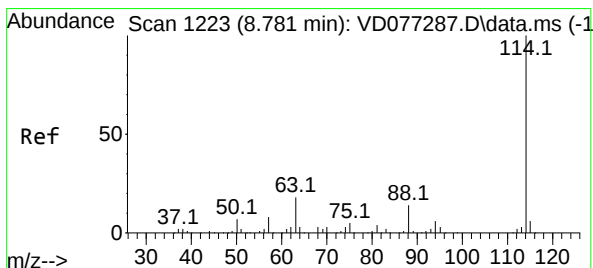
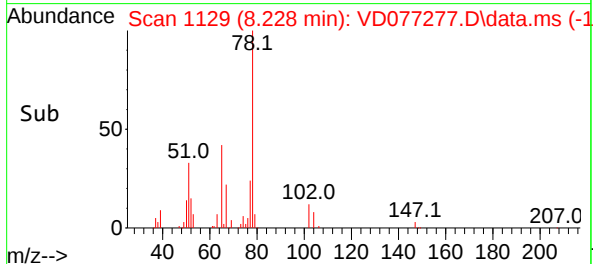
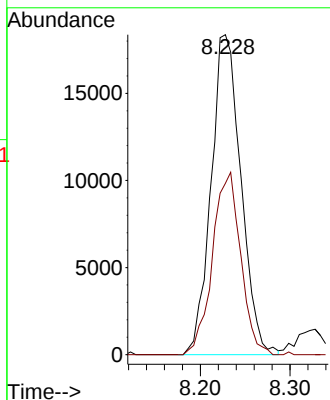
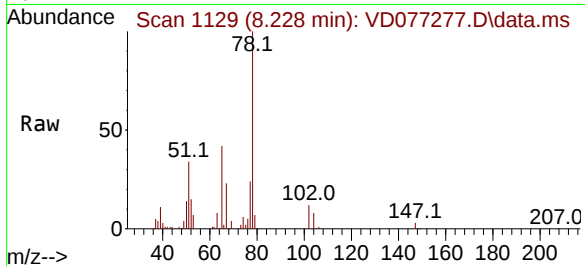
#33
1,2-Dichloroethane-d4
Concen: 18.258 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 42438
Ion Ratio Lower Upper
65 100
67 53.8 0.0 115.0

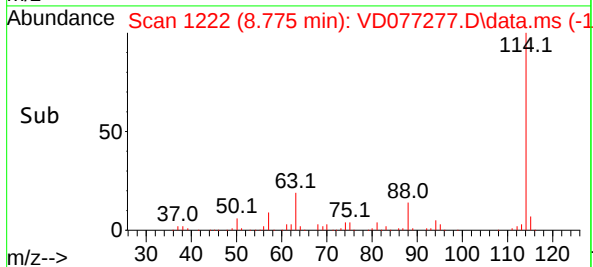
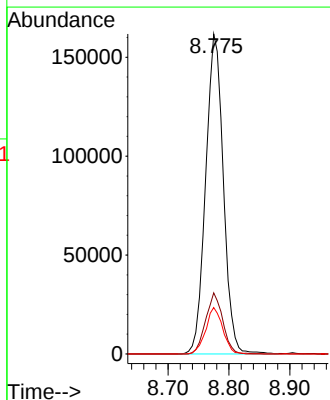
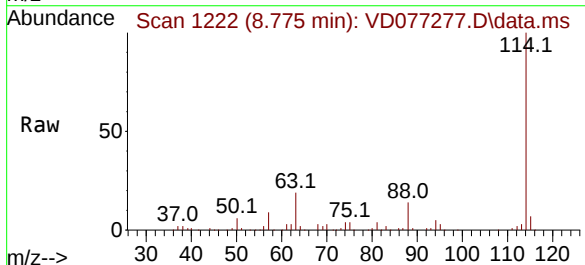
Manual Integrations
APPROVED

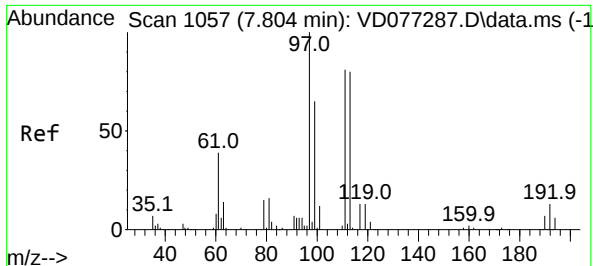
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Tgt Ion:114 Resp: 326776
Ion Ratio Lower Upper
114 100
63 19.1 0.0 33.4
88 14.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 18.319 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

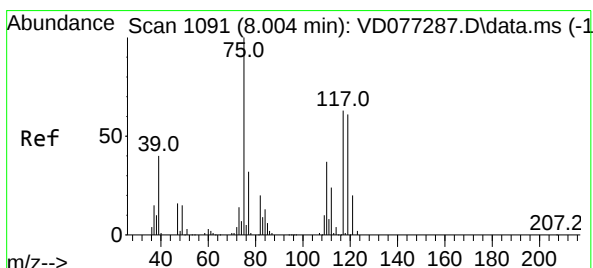
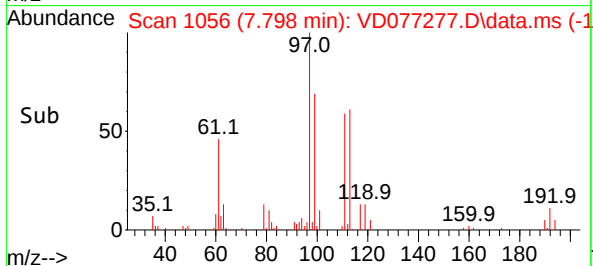
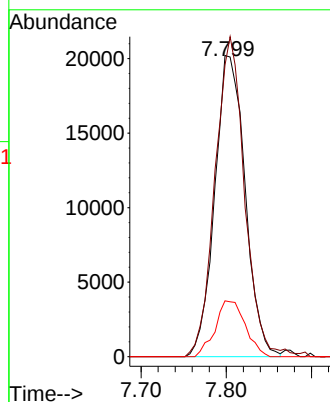
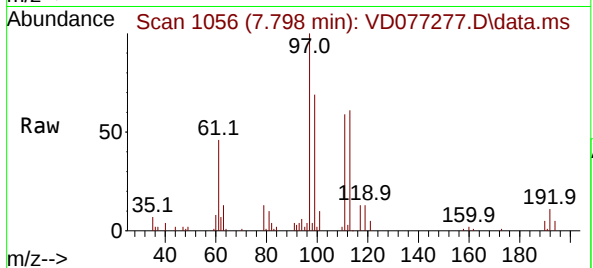
Tgt Ion: 113 Resp: 5005

Ion	Ratio	Lower	Upper
113	100		
111	103.5	84.7	127.1
192	18.3	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#36

1,1-Dichloropropene

Concen: 19.067 ug/l

RT: 8.010 min Scan# 1092

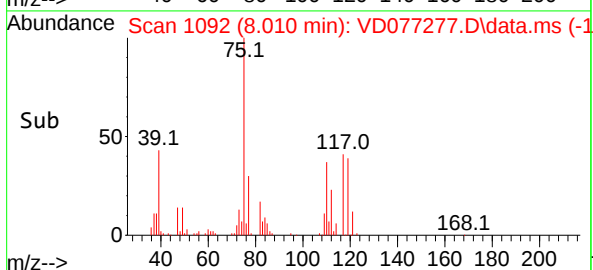
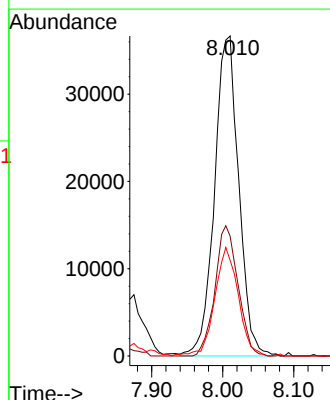
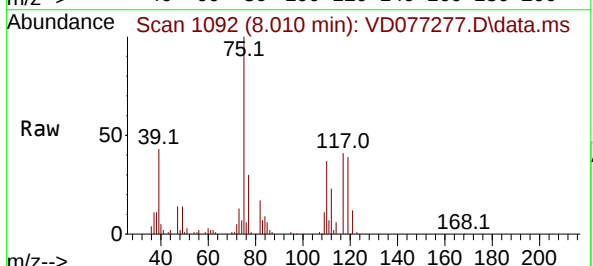
Delta R.T. 0.006 min

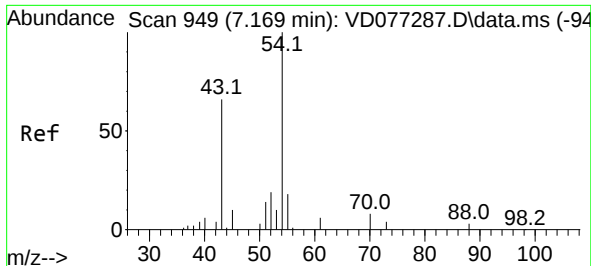
Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

Tgt Ion: 75 Resp: 86844

Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.9	59.6
77	32.9	24.7	37.1





#37

Ethyl Acetate

Concen: 19.350 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

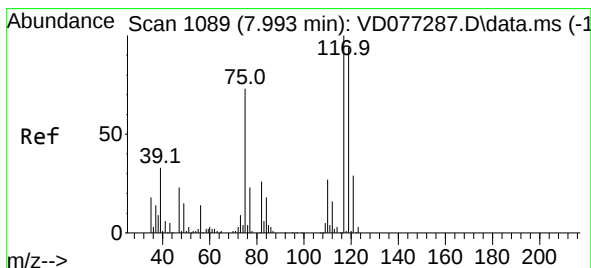
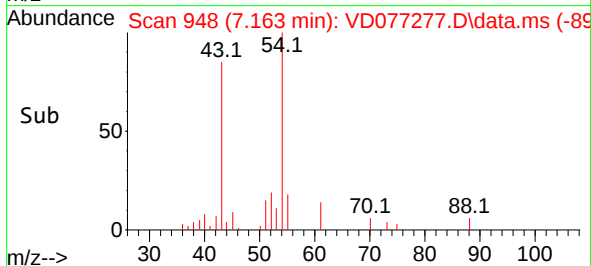
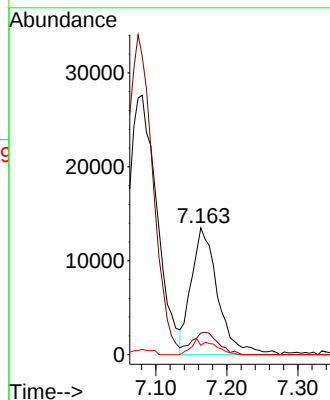
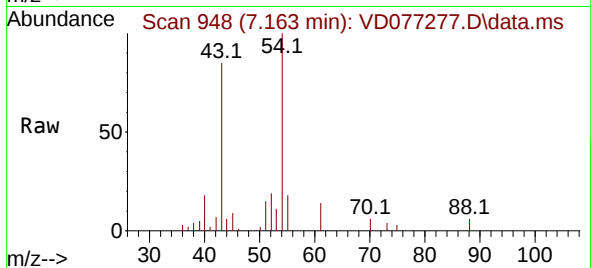
Tgt Ion: 43 Resp: 35090

Ion	Ratio	Lower	Upper
43	100		
61	16.8	14.9	22.3
70	10.2	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#38

Carbon Tetrachloride

Concen: 19.598 ug/l

RT: 7.987 min Scan# 1088

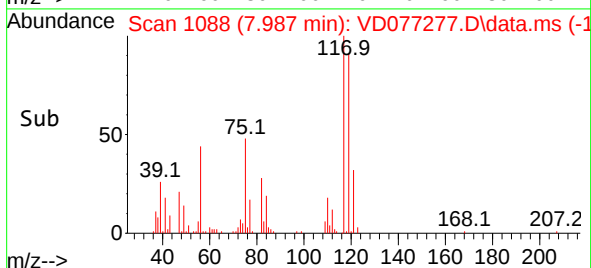
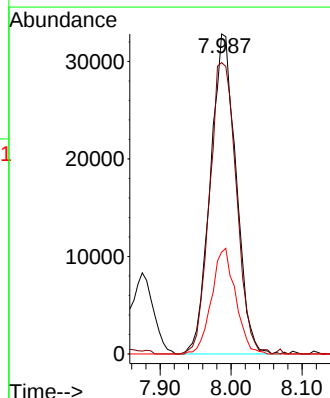
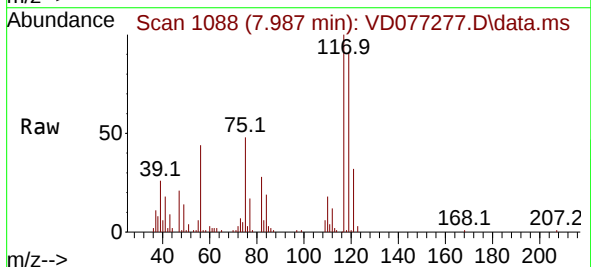
Delta R.T. -0.006 min

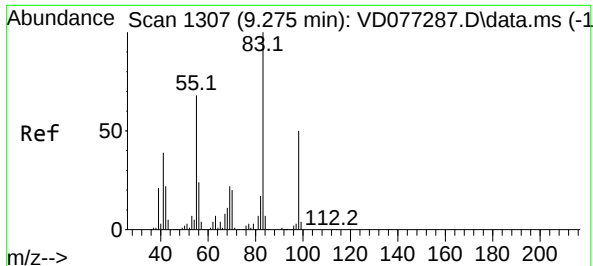
Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

Tgt Ion:117 Resp: 82611

Ion	Ratio	Lower	Upper
117	100		
119	91.0	78.0	117.0
121	31.9	24.2	36.2





#39

Methylcyclohexane

Concen: 19.098 ug/l

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

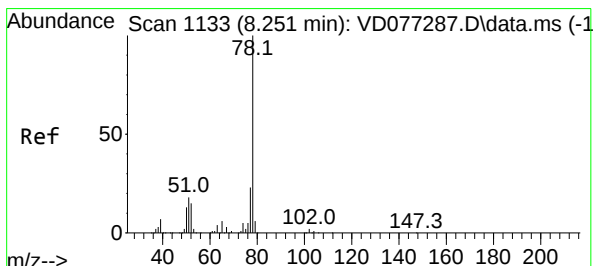
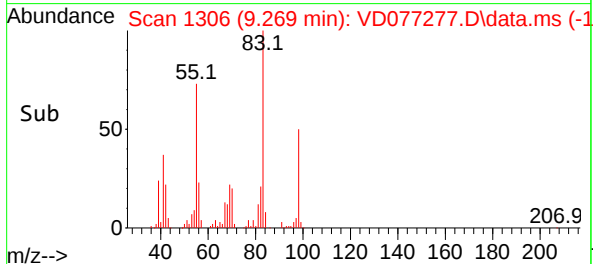
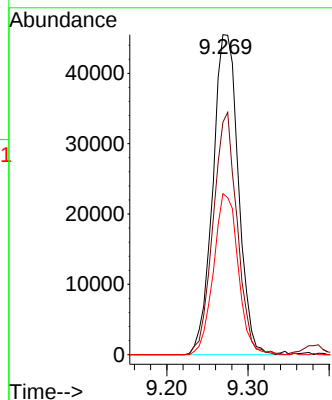
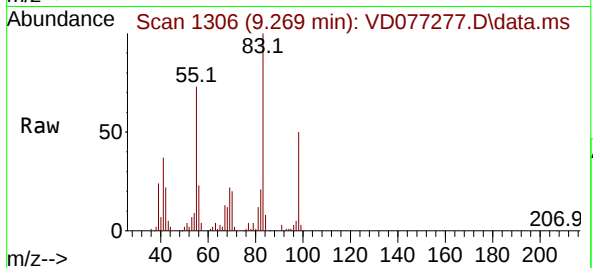
VSTDICC020

Tgt Ion: 83	Resp: 9959
Ion Ratio	Lower Upper
83 100	
55 72.6	49.4 74.0
98 50.3	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#40

Benzene

Concen: 19.723 ug/l

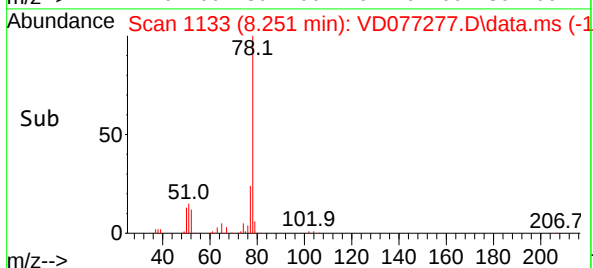
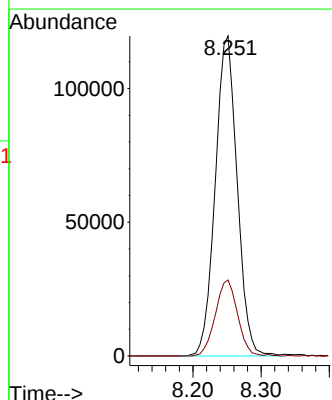
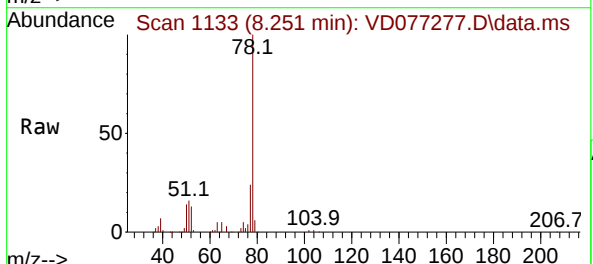
RT: 8.251 min Scan# 1133

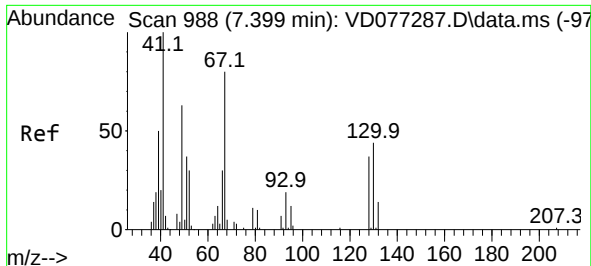
Delta R.T. -0.000 min

Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

Tgt Ion: 78	Resp: 267611
Ion Ratio	Lower Upper
78 100	
77 23.7	19.4 29.0





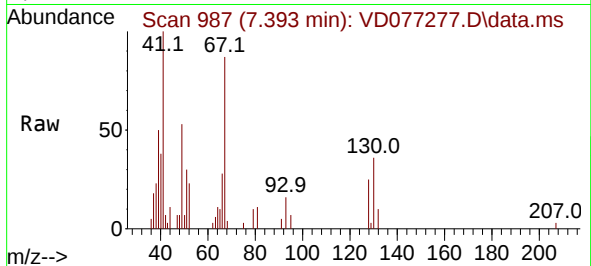
#41
Methacrylonitrile
Concen: 19.180 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

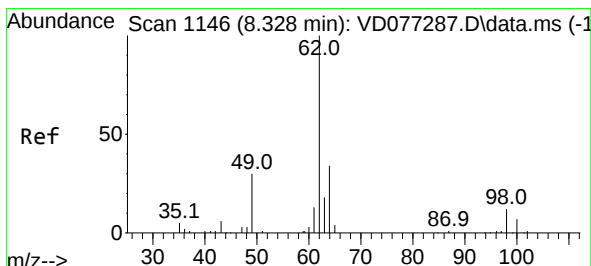
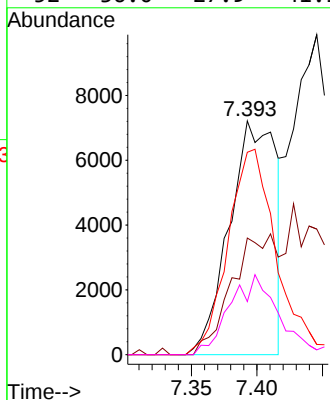
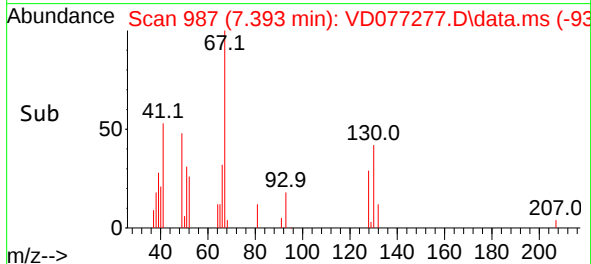


Tgt Ion: 41 Resp: 17829
Ion Ratio Lower Upper
41 100
39 49.9 34.0 51.0
67 91.1 77.0 115.4
52 36.0 27.9 41.9

Manual Integrations

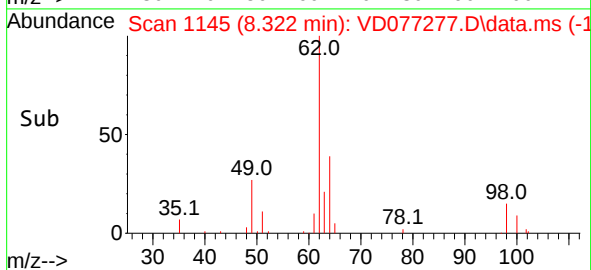
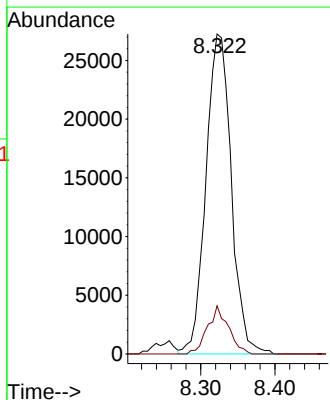
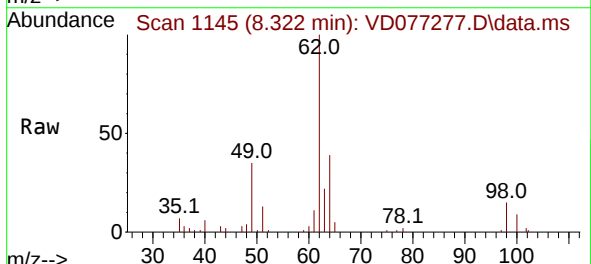
APPROVED

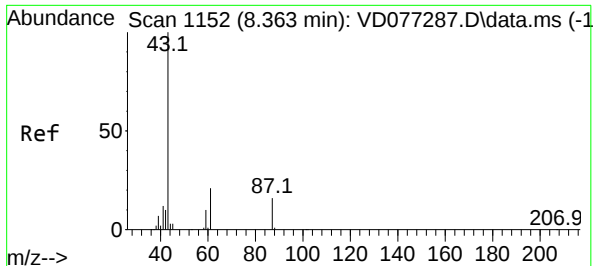
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#42
1,2-Dichloroethane
Concen: 20.125 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Tgt Ion: 62 Resp: 64731
Ion Ratio Lower Upper
62 100
98 12.4 0.0 25.4





#43

Isopropyl Acetate

Concen: 19.590 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

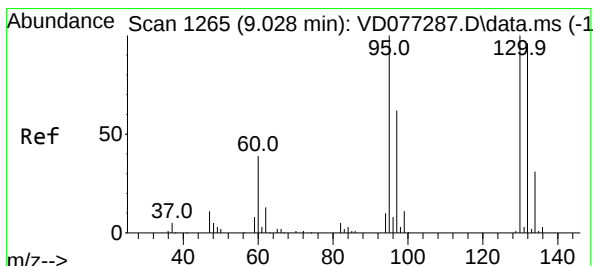
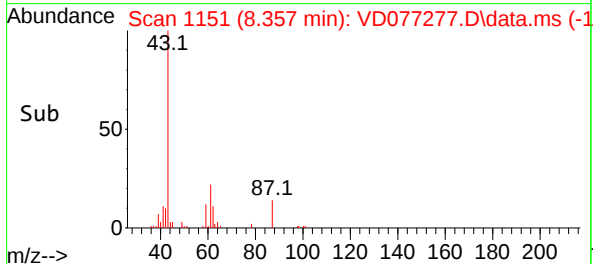
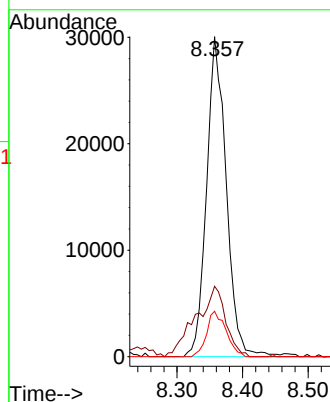
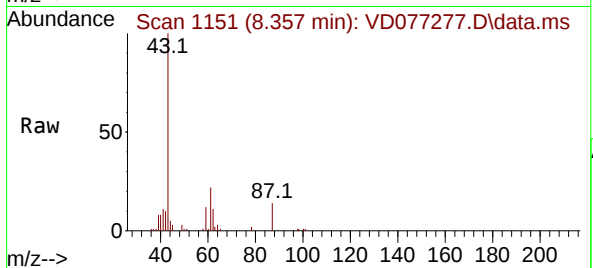
VSTDICC020

Tgt Ion: 43	Resp: 6266
Ion Ratio	Lower Upper
43 100	
61 33.2	31.4 47.0
87 14.0	14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#44

Trichloroethene

Concen: 19.508 ug/l

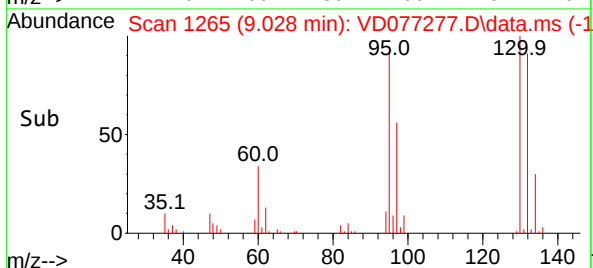
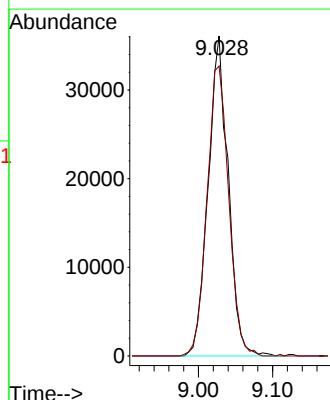
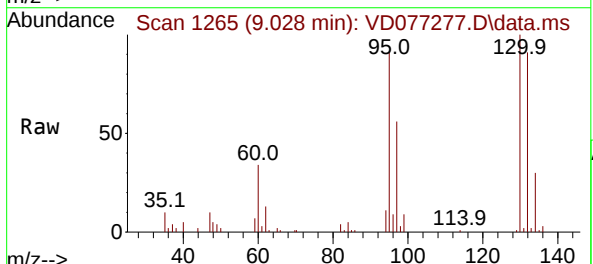
RT: 9.028 min Scan# 1265

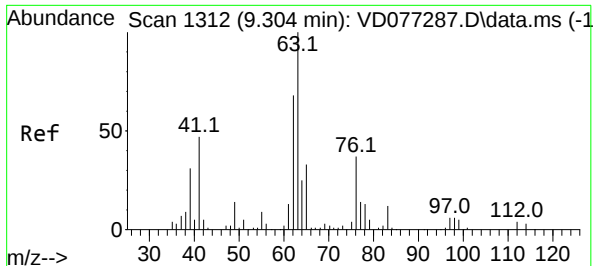
Delta R.T. -0.000 min

Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

Tgt Ion:130	Resp: 67753
Ion Ratio	Lower Upper
130 100	
95 90.6	0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.834 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 66210

Ion Ratio Lower Upper

63 100

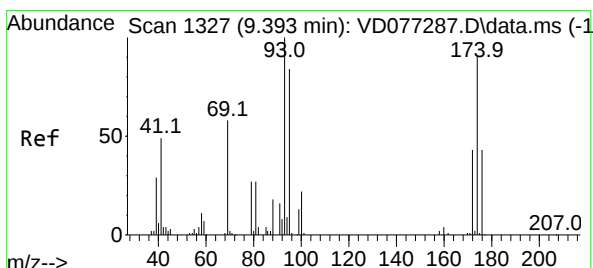
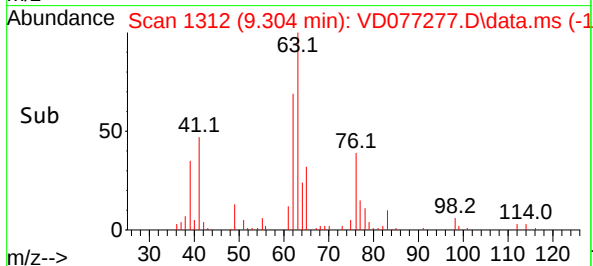
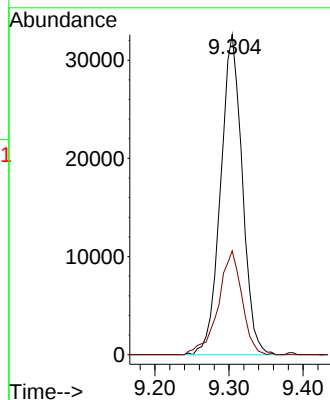
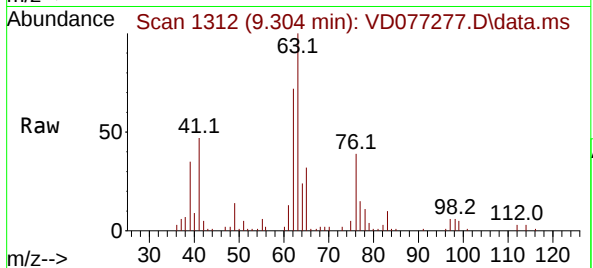
65 32.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#46

Dibromomethane

Concen: 19.376 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

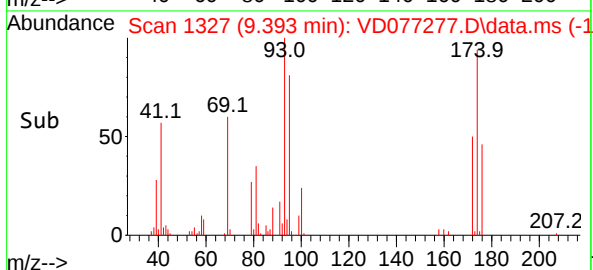
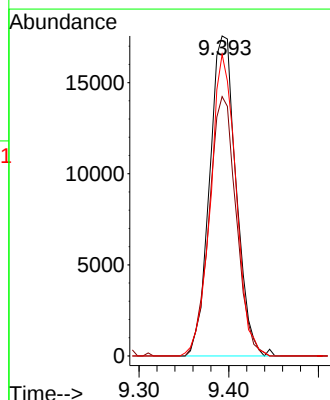
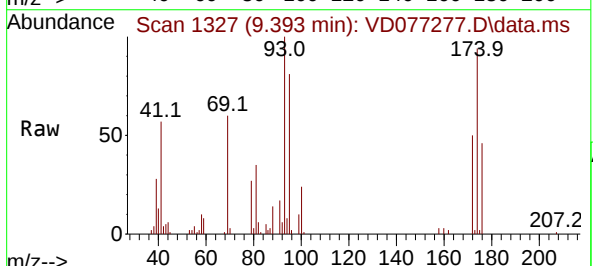
Tgt Ion: 93 Resp: 36073

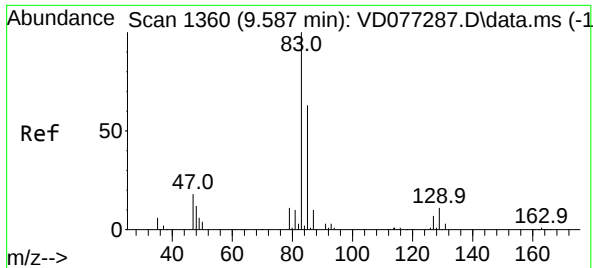
Ion Ratio Lower Upper

93 100

95 82.4 67.7 101.5

174 90.4 85.4 128.2





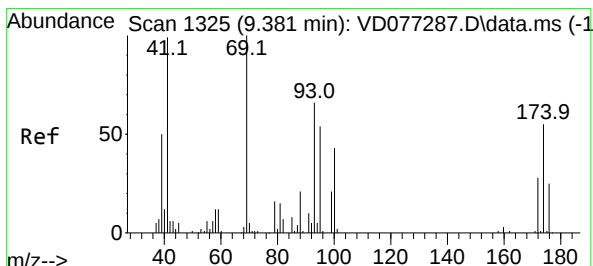
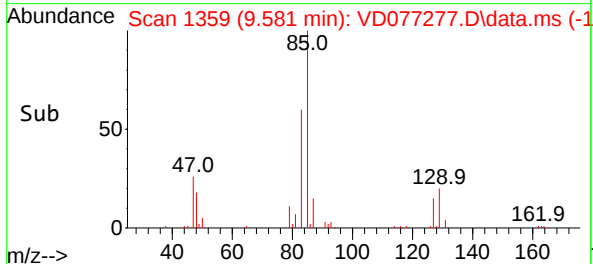
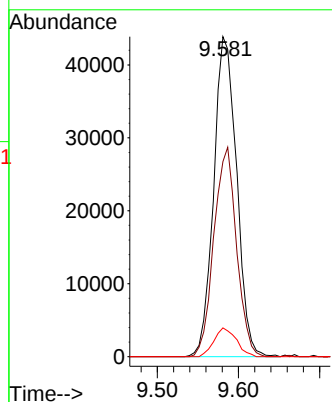
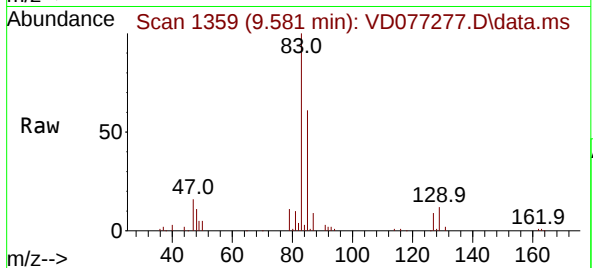
#47
Bromodichloromethane
Concen: 19.952 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 86102
Ion Ratio Lower Upper
83 100
85 60.9 50.2 75.4
127 9.0 6.3 9.5

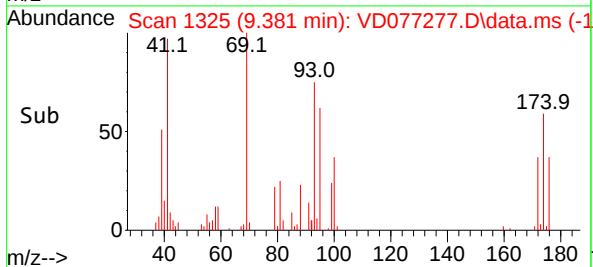
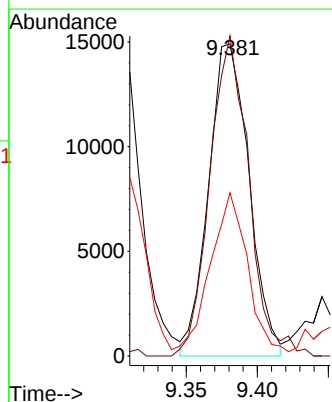
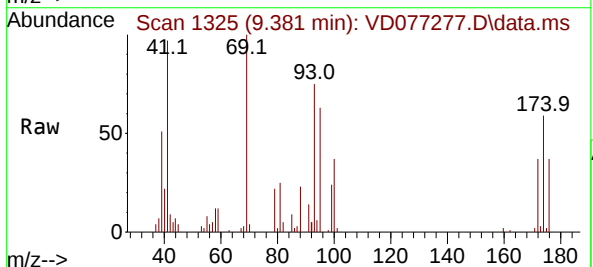
Manual Integrations
APPROVED

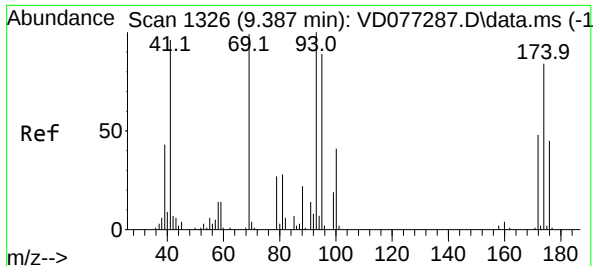
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#48
Methyl methacrylate
Concen: 19.924 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Tgt Ion: 41 Resp: 29526
Ion Ratio Lower Upper
41 100
69 98.9 102.2 153.2#
39 46.2 41.4 62.2





#49

1,4-Dioxane

Concen: 391.347 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 725

Ion Ratio Lower Upper

88 100

43 25.2 19.0 28.6

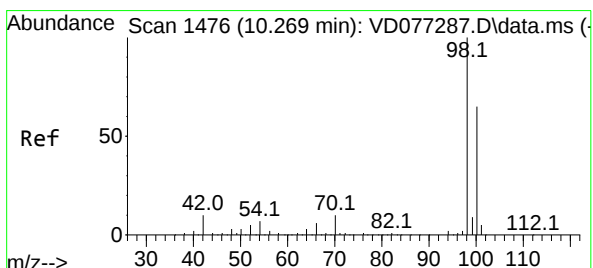
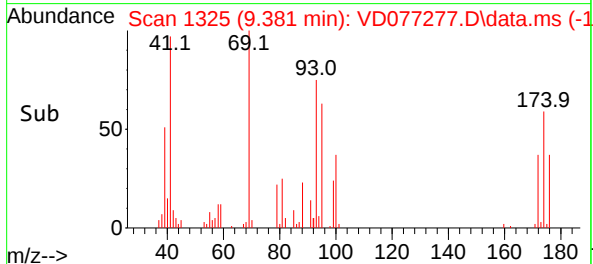
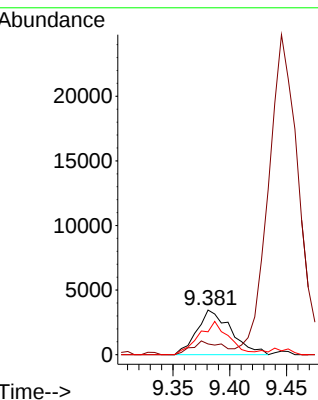
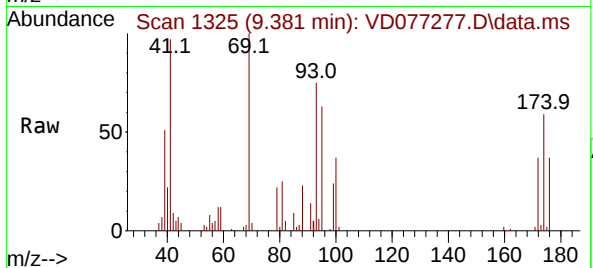
58 64.7 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#50

Toluene-d8

Concen: 16.770 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077277.D

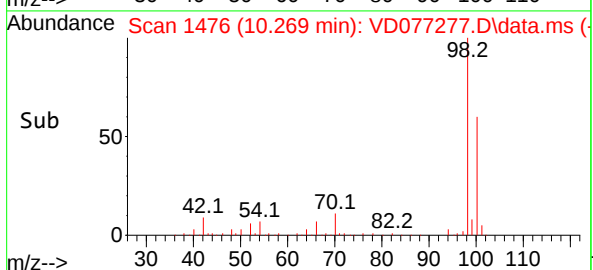
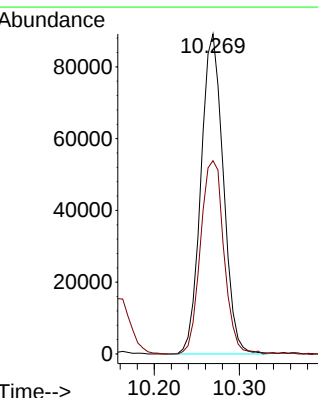
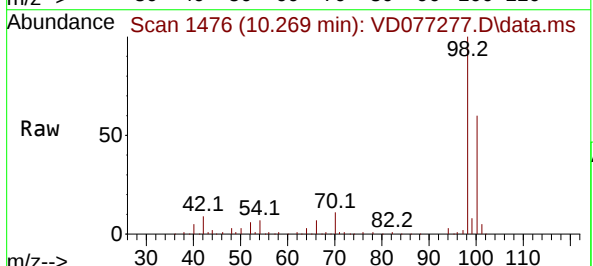
Acq: 05 Oct 2023 16:03

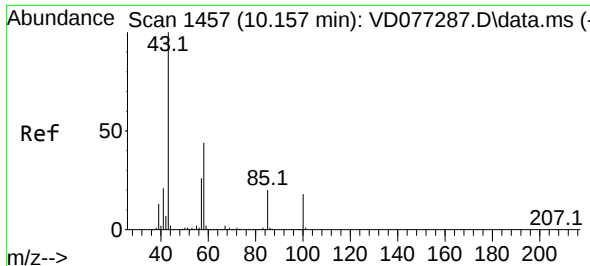
Tgt Ion: 98 Resp: 162783

Ion Ratio Lower Upper

98 100

100 63.3 50.3 75.5





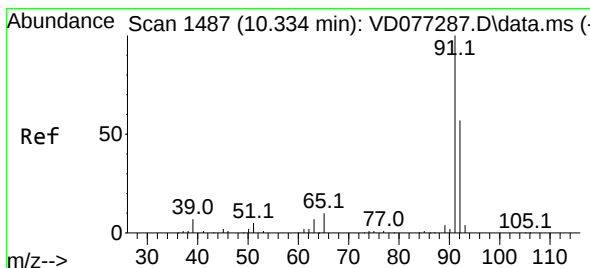
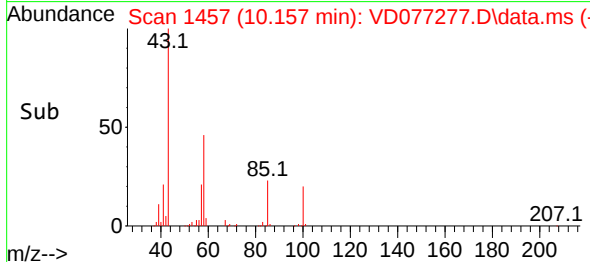
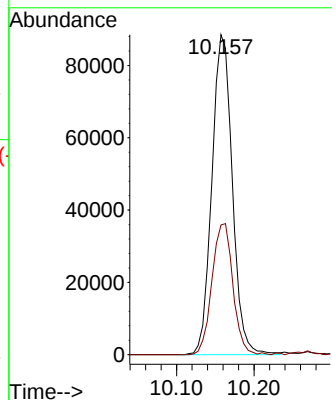
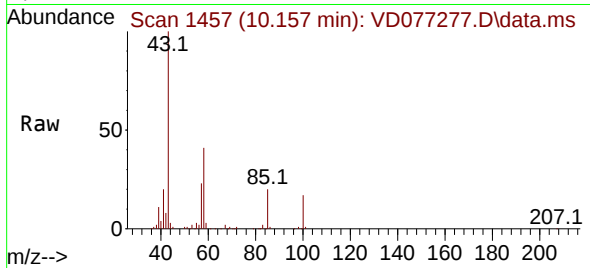
#51
4-Methyl-2-Pentanone
Concen: 97.734 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 16224
Ion Ratio Lower Upper
43 100
58 41.9 38.9 58.3

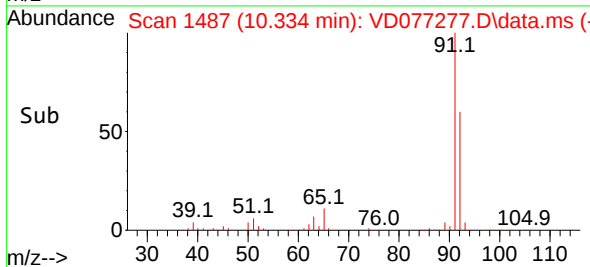
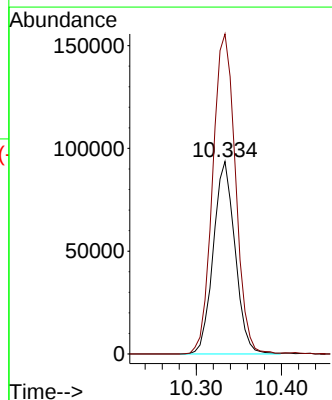
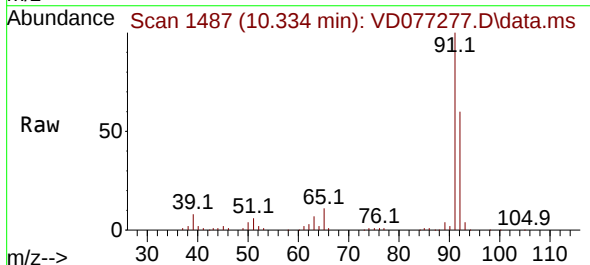
Manual Integrations
APPROVED

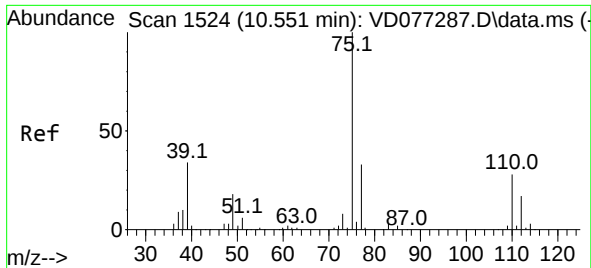
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#52
Toluene
Concen: 19.923 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Tgt Ion: 92 Resp: 165736
Ion Ratio Lower Upper
92 100
91 174.8 143.0 214.4





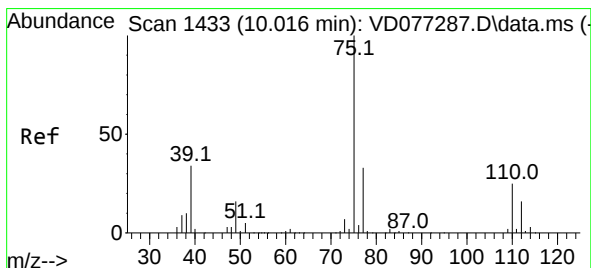
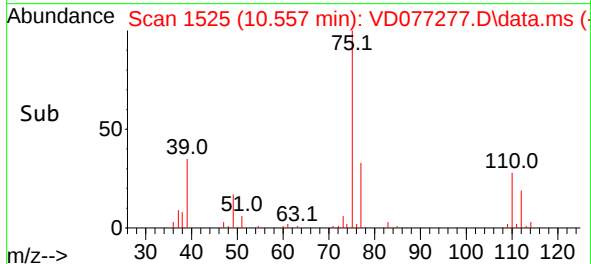
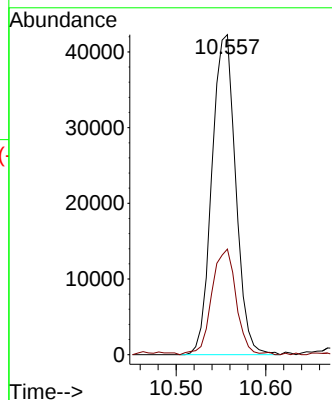
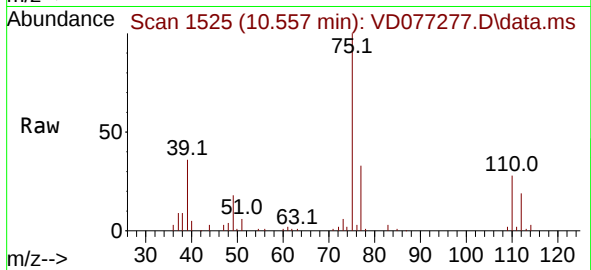
#53
t-1,3-Dichloropropene
Concen: 18.839 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 77754
Ion Ratio Lower Upper
75 100
77 33.0 25.3 37.9

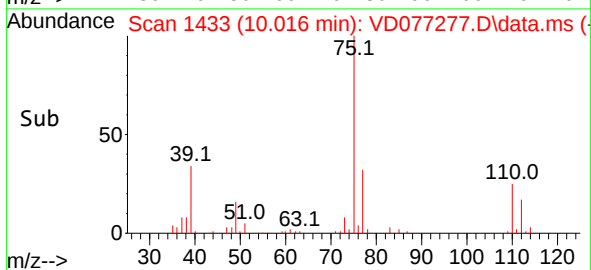
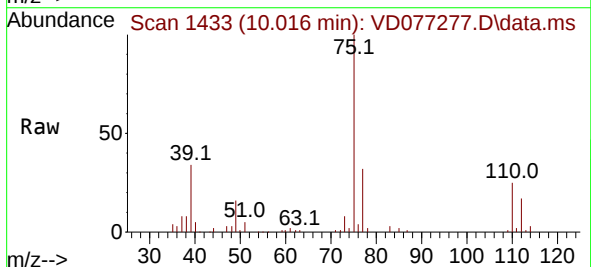
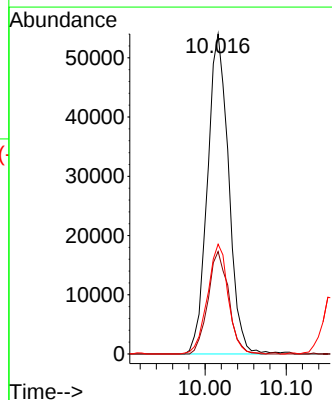
Manual Integrations
APPROVED

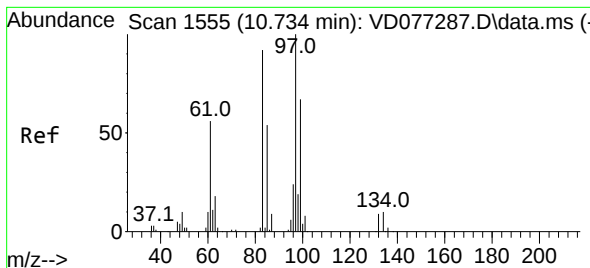
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#54
cis-1,3-Dichloropropene
Concen: 19.781 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Tgt Ion: 75 Resp: 97997
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
39 34.3 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 19.768 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

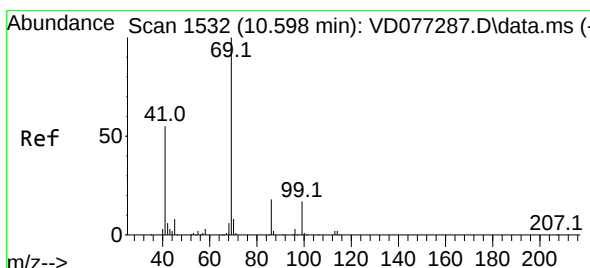
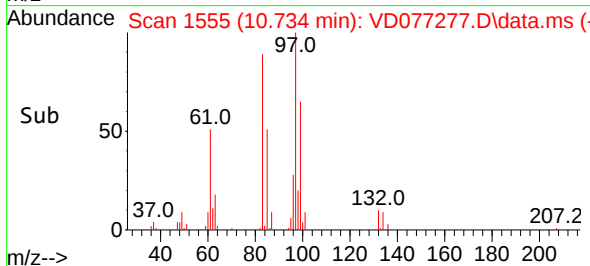
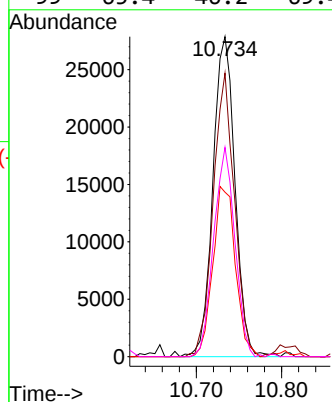
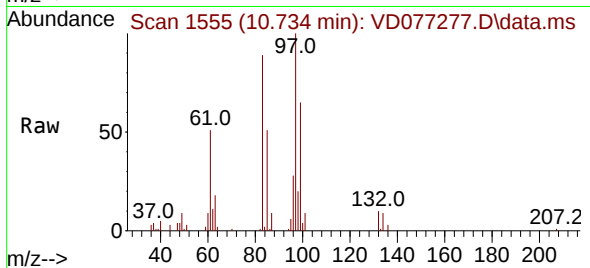
VSTDICC020

Tgt Ion: 97	Resp: 5020
Ion Ratio	Lower Upper
97 100	
83 88.6	65.8 98.6
85 51.4	45.7 68.5
99 65.4	46.2 69.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#56

Ethyl methacrylate

Concen: 18.780 ug/l

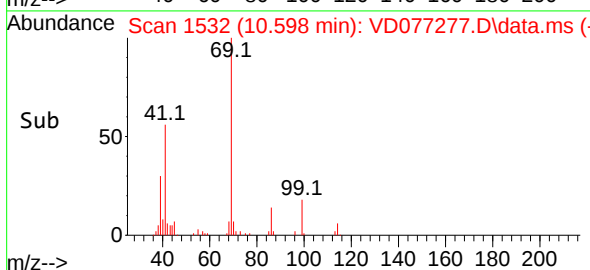
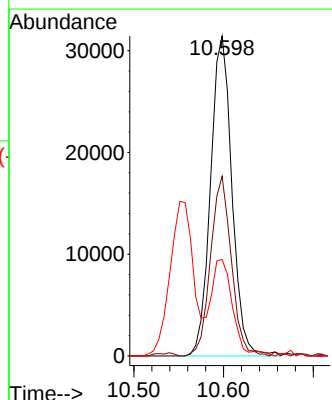
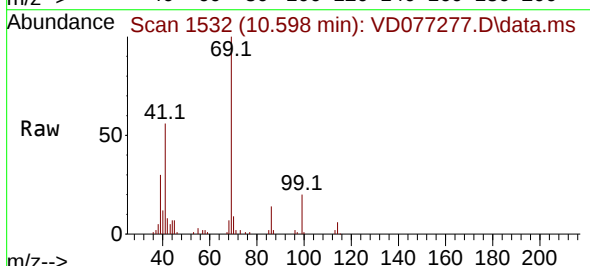
RT: 10.598 min Scan# 1532

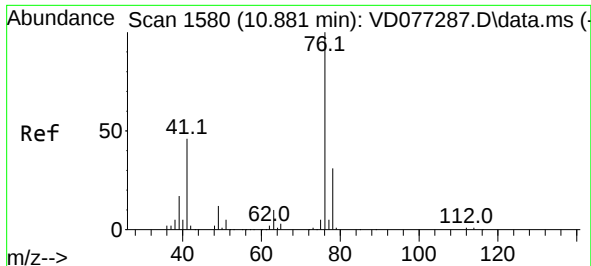
Delta R.T. -0.000 min

Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

Tgt Ion: 69	Resp: 52009
Ion Ratio	Lower Upper
69 100	
41 54.6	39.1 58.7
39 31.4	20.0 30.0





#57

1,3-Dichloropropane

Concen: 19.943 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 8278

Ion Ratio Lower Upper

76 100

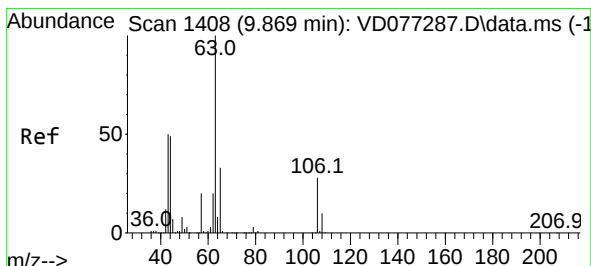
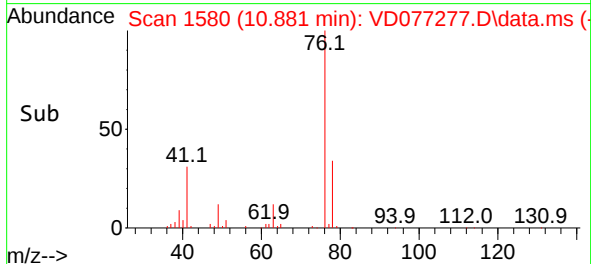
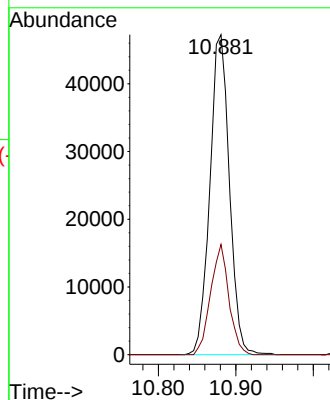
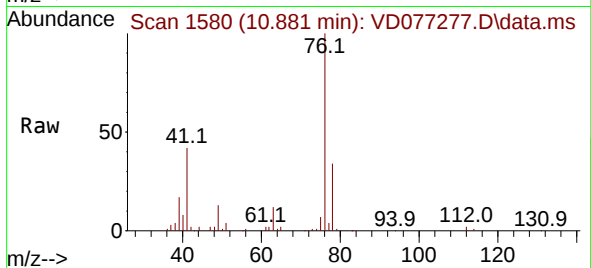
78 32.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#58

2-Chloroethyl Vinyl ether

Concen: 74.137 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077277.D

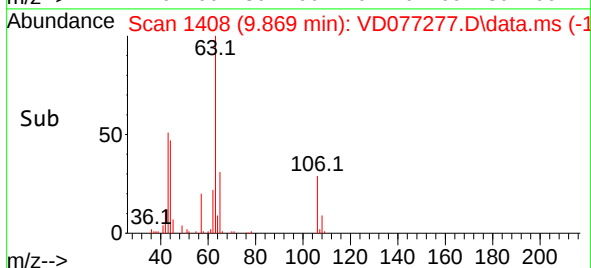
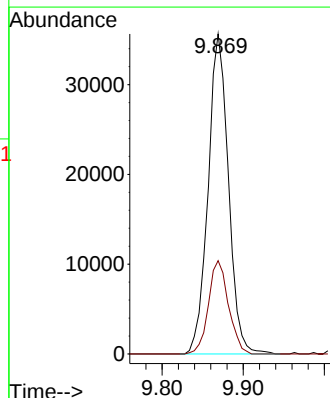
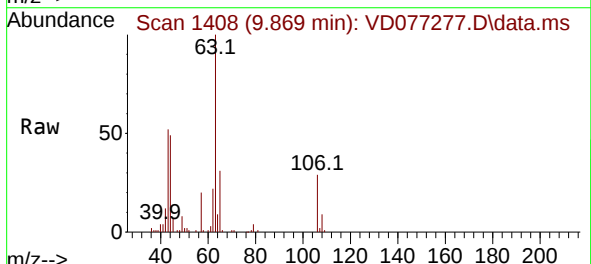
Acq: 05 Oct 2023 16:03

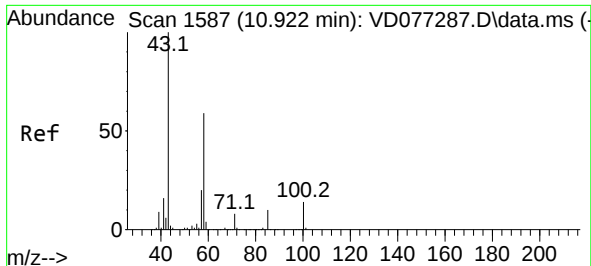
Tgt Ion: 63 Resp: 61964

Ion Ratio Lower Upper

63 100

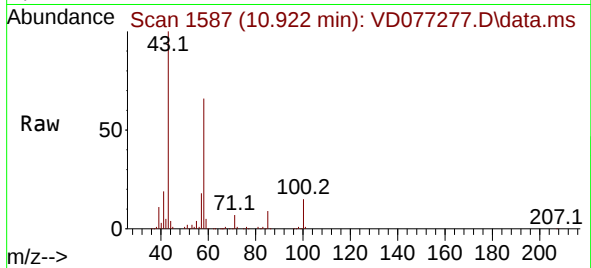
106 28.7 25.3 37.9





#59
2-Hexanone
Concen: 95.818 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

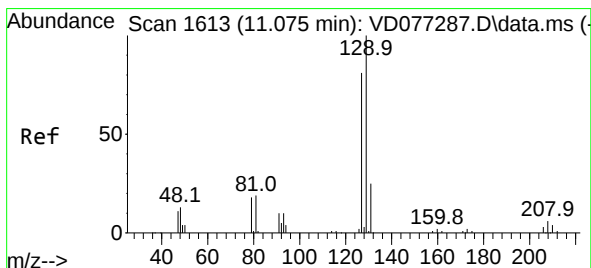
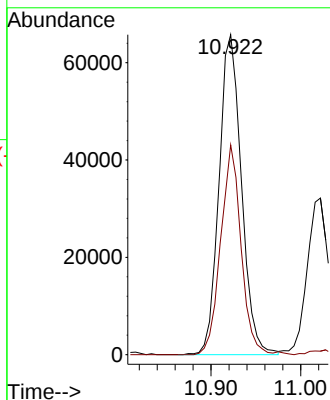
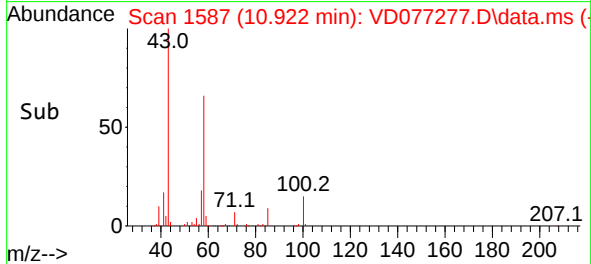
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 11389
Ion Ratio Lower Upper
43 100
58 59.5 34.1 102.2

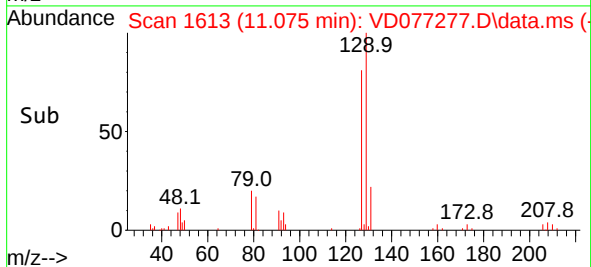
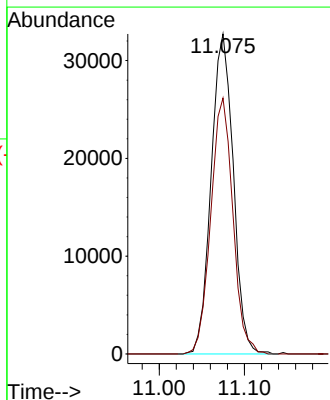
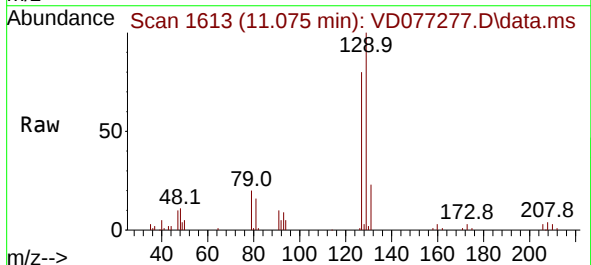
Manual Integrations
APPROVED

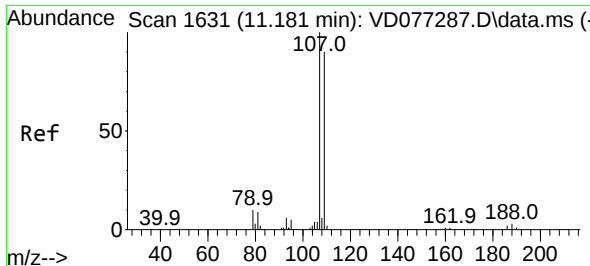
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#60
Dibromochloromethane
Concen: 20.324 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

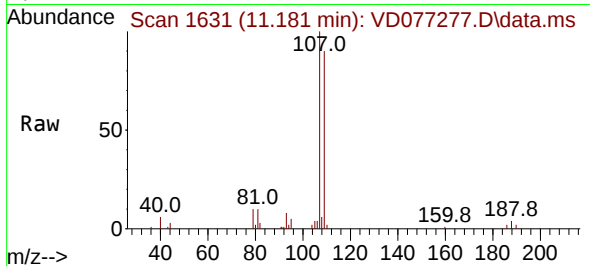
Tgt Ion:129 Resp: 59082
Ion Ratio Lower Upper
129 100
127 79.8 37.1 111.5





#61
1,2-Dibromoethane
Concen: 19.616 ug/l
RT: 11.181 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

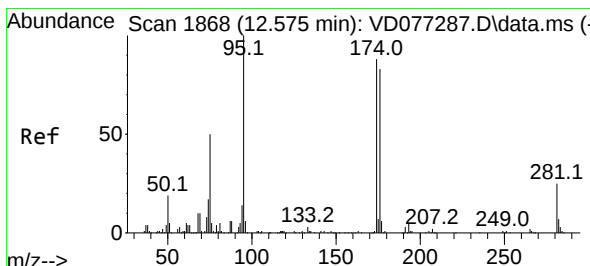
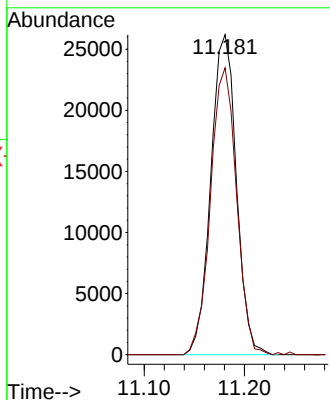
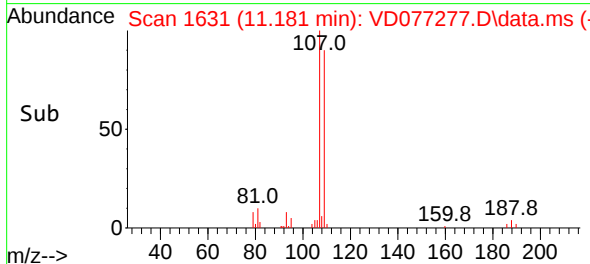
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



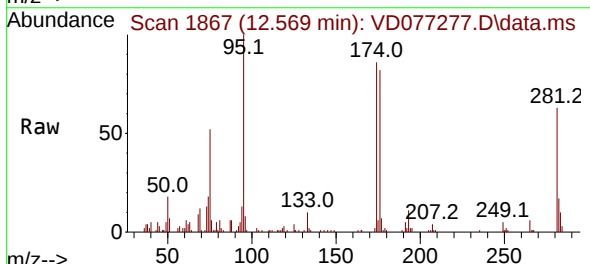
Tgt Ion:107 Resp: 46344
Ion Ratio Lower Upper
107 100
109 91.1 75.6 113.4

Manual Integrations
APPROVED

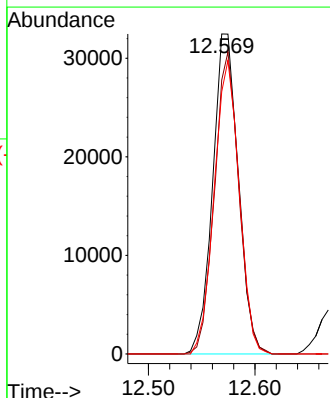
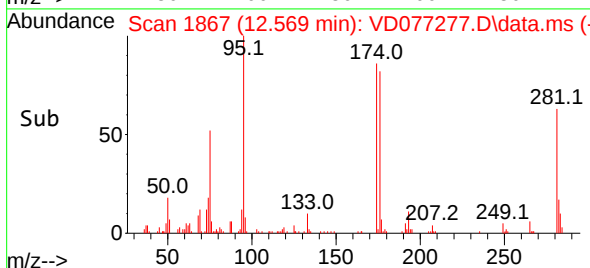
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

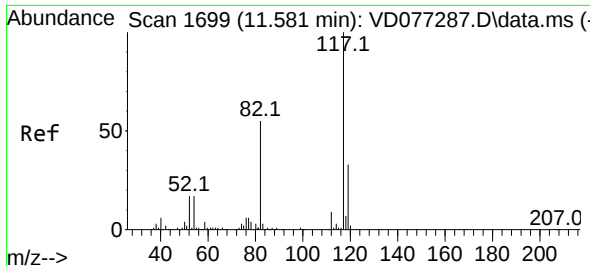


#62
4-Bromofluorobenzene
Concen: 18.015 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03



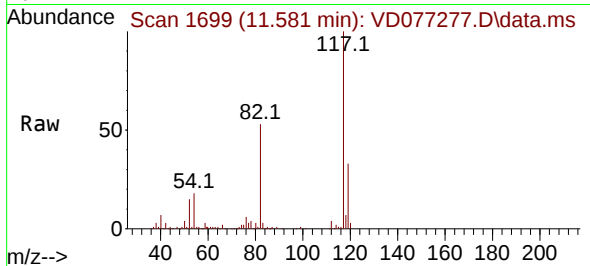
Tgt Ion: 95 Resp: 54393
Ion Ratio Lower Upper
95 100
174 89.4 0.0 201.8
176 89.1 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

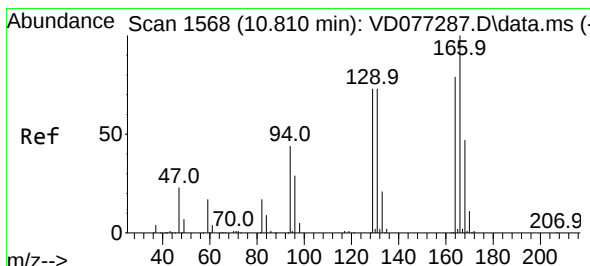
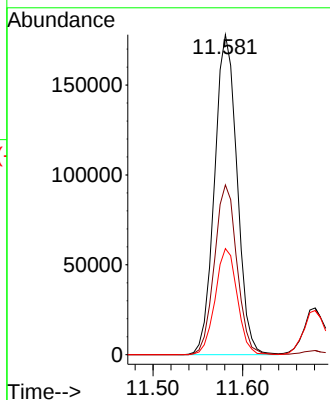
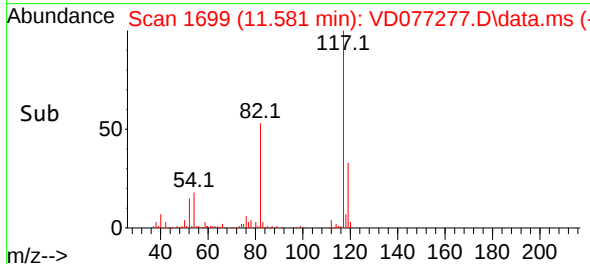
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



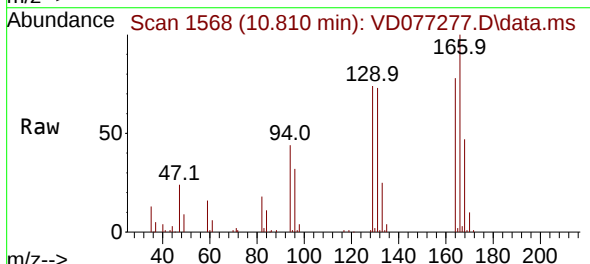
Tgt Ion:117 Resp: 310478
Ion Ratio Lower Upper
117 100
82 53.0 38.3 57.5
119 33.2 25.0 37.4

Manual Integrations
APPROVED

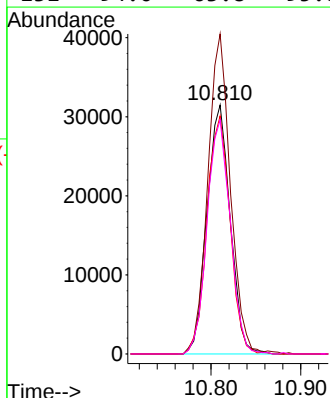
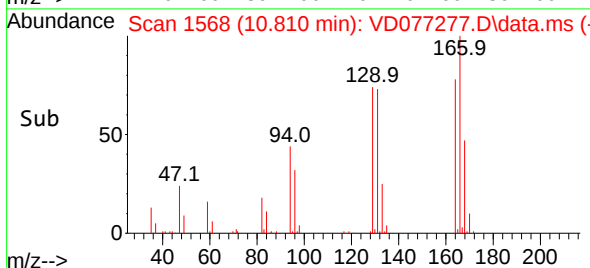
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

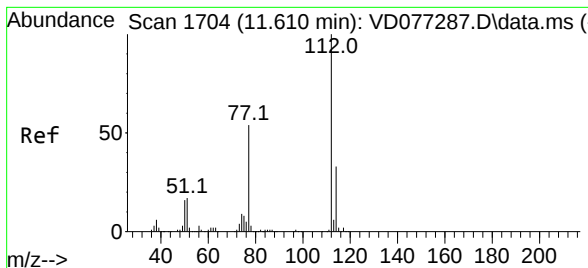


#64
Tetrachloroethene
Concen: 19.930 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03



Tgt Ion:164 Resp: 56727
Ion Ratio Lower Upper
164 100
166 128.6 99.2 148.8
129 95.7 68.4 102.6
131 94.0 63.8 95.8





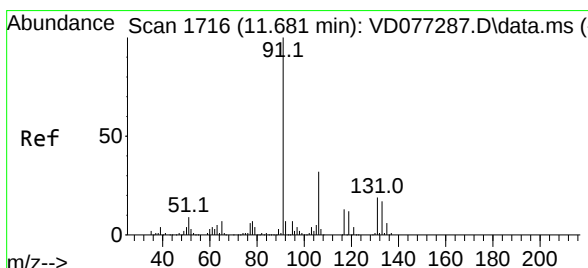
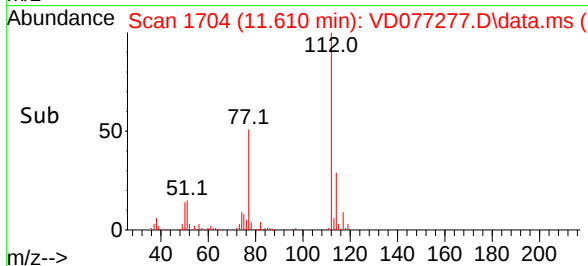
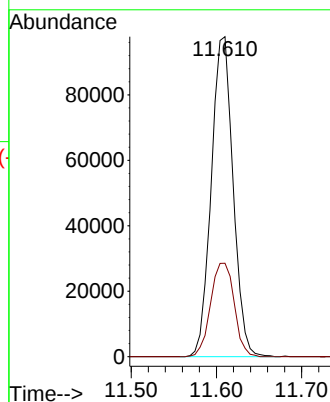
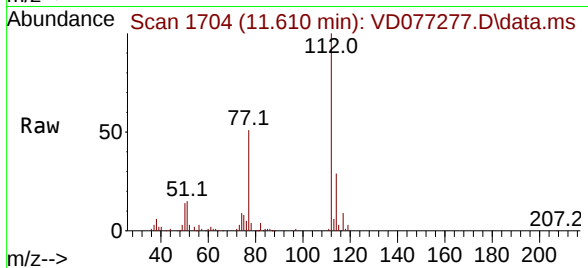
#65
Chlorobenzene
Concen: 19.865 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 17381
Ion Ratio Lower Upper
112 100
114 29.2 25.1 37.7

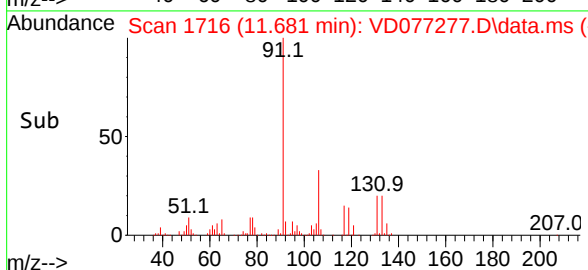
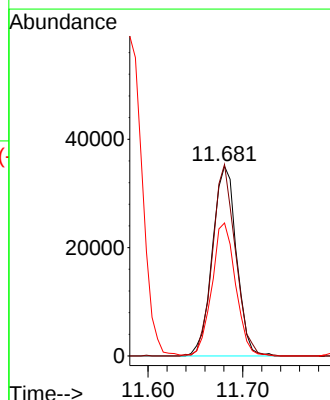
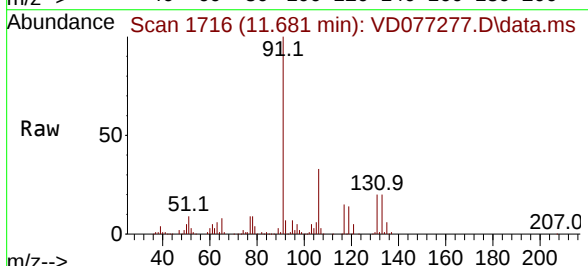
Manual Integrations
APPROVED

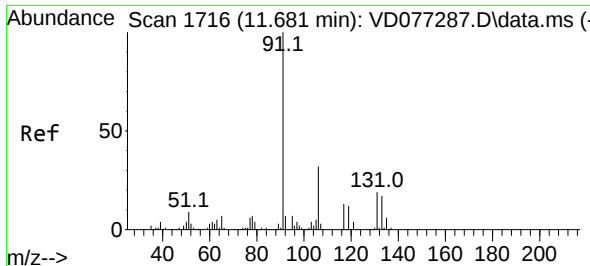
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.028 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Tgt Ion:131 Resp: 61762
Ion Ratio Lower Upper
131 100
133 96.5 48.5 145.5
119 69.0 35.6 106.9





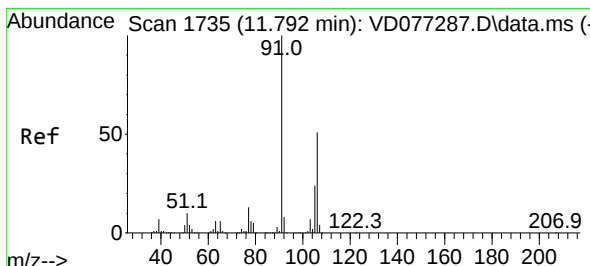
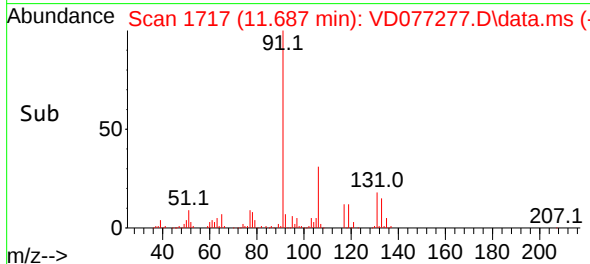
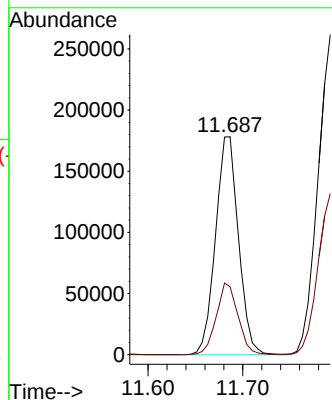
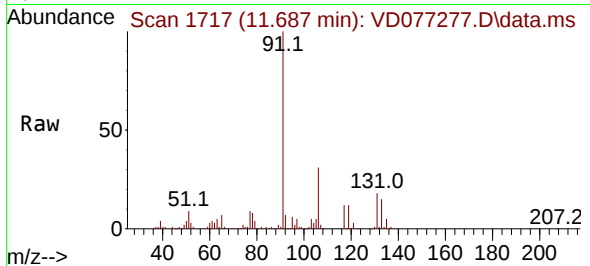
#67
Ethyl Benzene
Concen: 19.248 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 299960
Ion Ratio Lower Upper
91 100
106 31.2 26.5 39.7

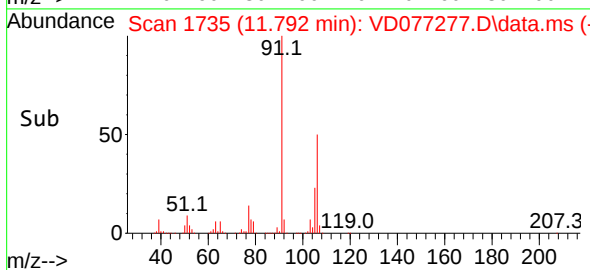
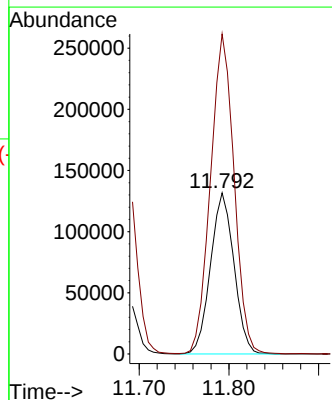
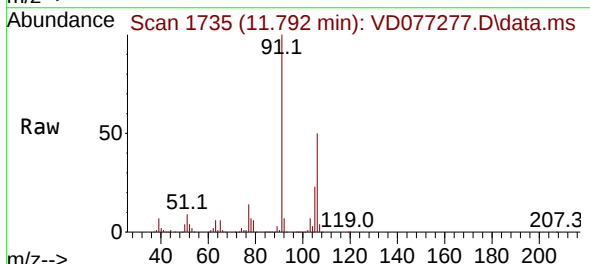
Manual Integrations
APPROVED

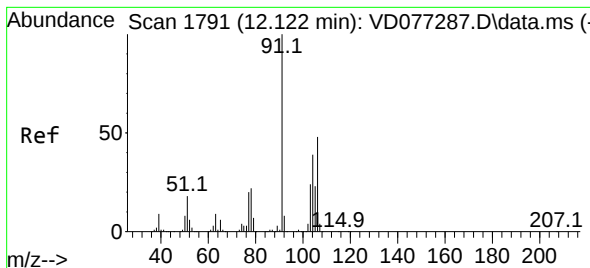
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#68
m/p-Xylenes
Concen: 39.474 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

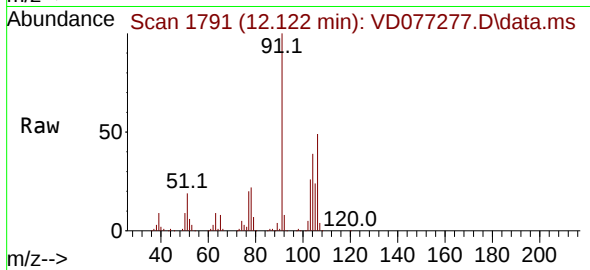
Tgt Ion:106 Resp: 239091
Ion Ratio Lower Upper
106 100
91 199.5 147.0 220.6





#69
o-Xylene
Concen: 19.459 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

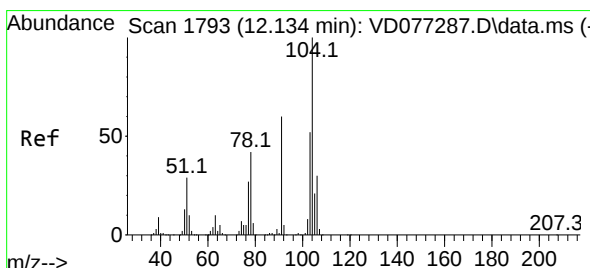
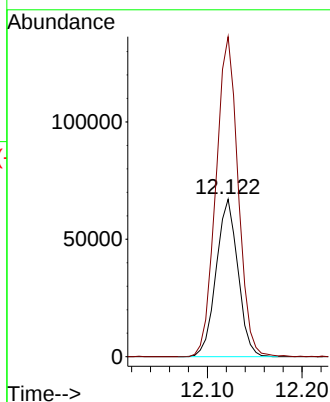
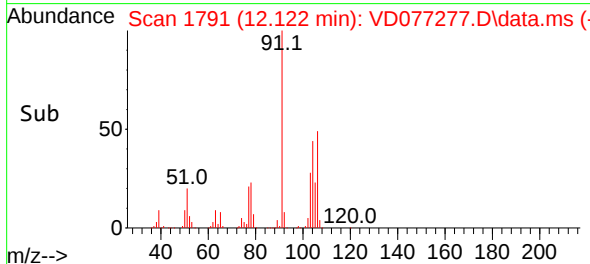
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



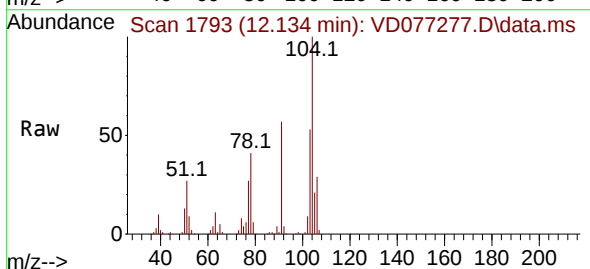
Tgt Ion:106 Resp: 107092
Ion Ratio Lower Upper
106 100
91 208.0 97.9 293.6

Manual Integrations
APPROVED

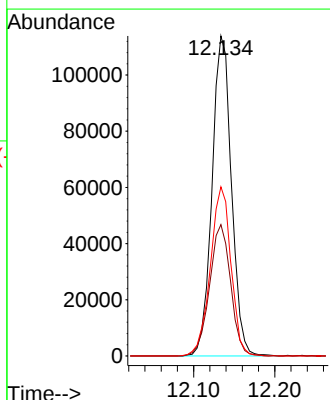
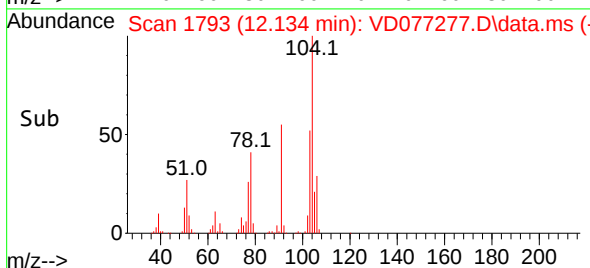
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

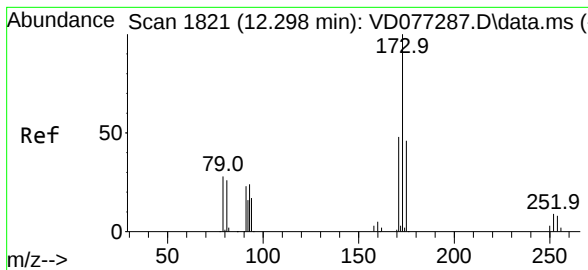


#70
Styrene
Concen: 20.024 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03



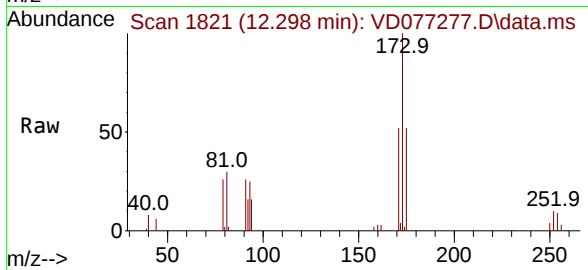
Tgt Ion:104 Resp: 189306
Ion Ratio Lower Upper
104 100
78 44.6 33.2 49.8
103 56.0 43.6 65.4





#71
Bromoform
Concen: 20.013 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

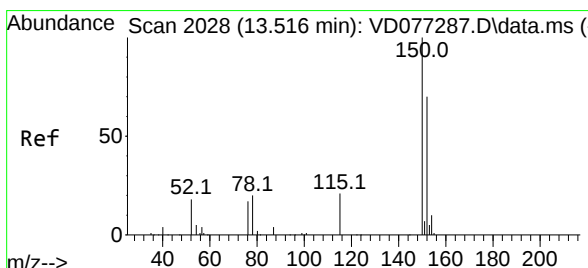
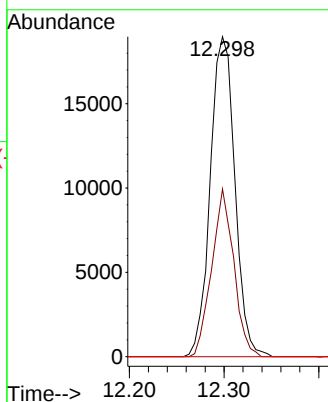
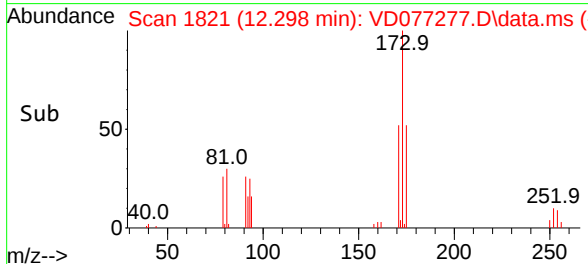
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:173 Resp: 3427
Ion Ratio Lower Upper
173 100
175 47.1 24.6 73.8
254 0.0 0.0 0.0

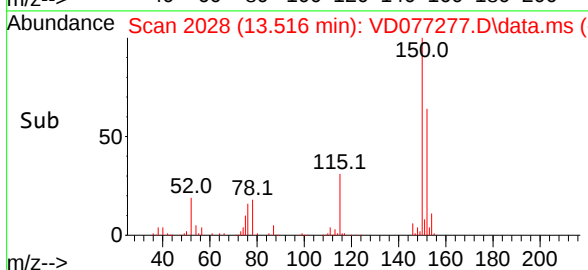
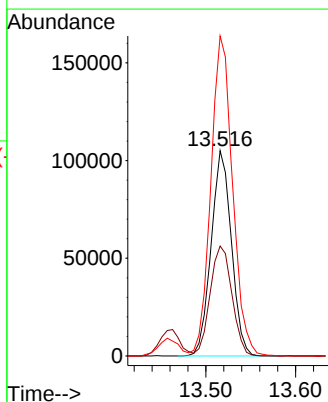
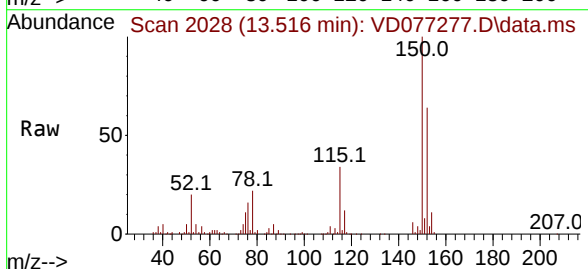
Manual Integrations
APPROVED

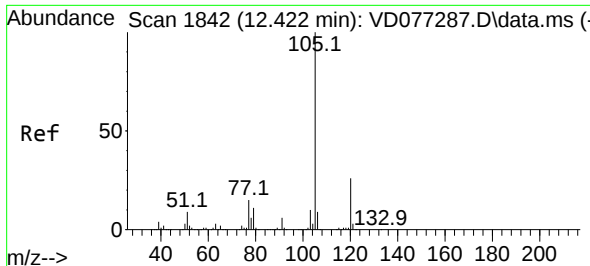
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Tgt Ion:152 Resp: 165047
Ion Ratio Lower Upper
152 100
115 57.4 27.1 81.3
150 166.7 0.0 353.6





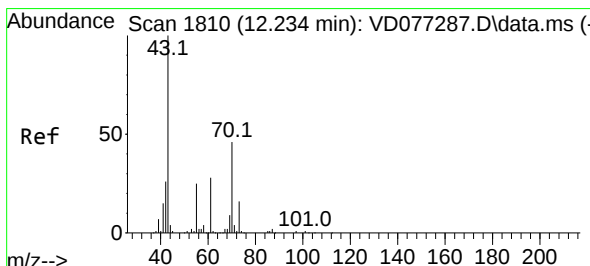
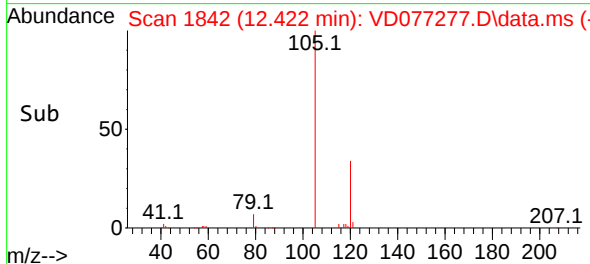
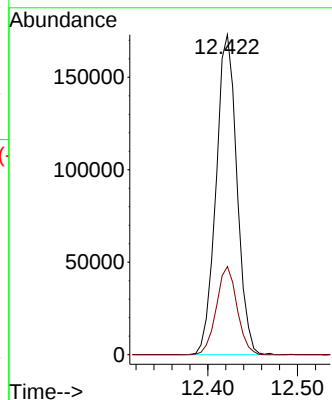
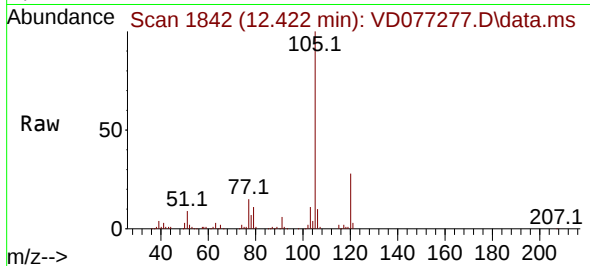
#73
Isopropylbenzene
Concen: 18.708 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 27936
Ion Ratio Lower Upper
105 100
120 27.3 14.3 42.9

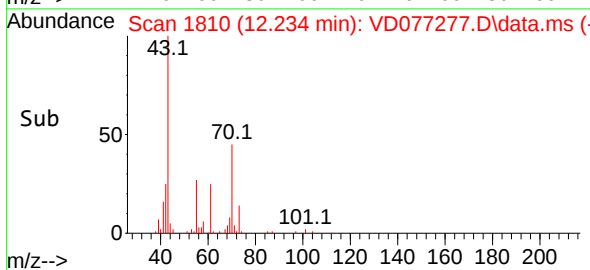
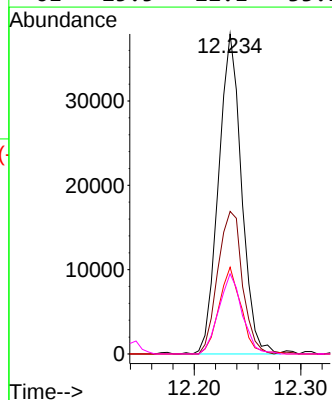
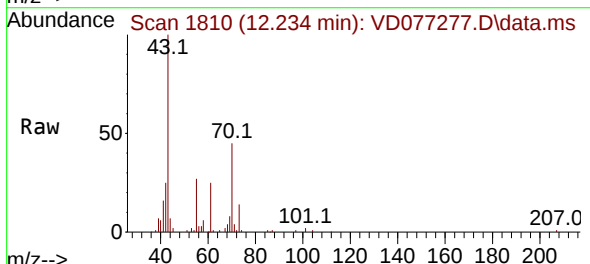
Manual Integrations
APPROVED

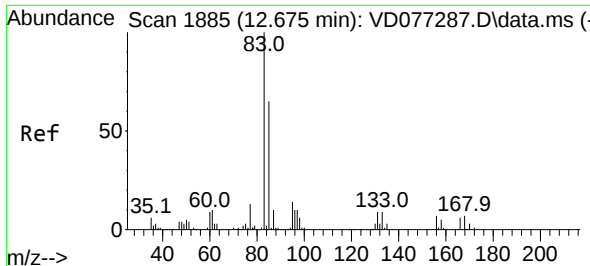
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#74
N-ethyl acetate
Concen: 18.555 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

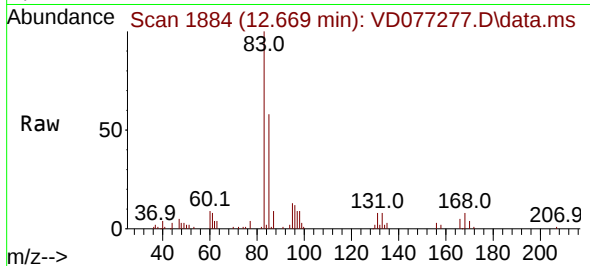
Tgt Ion: 43 Resp: 56901
Ion Ratio Lower Upper
43 100
70 47.7 45.0 67.4
55 26.2 23.8 35.6
61 25.5 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 19.560 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

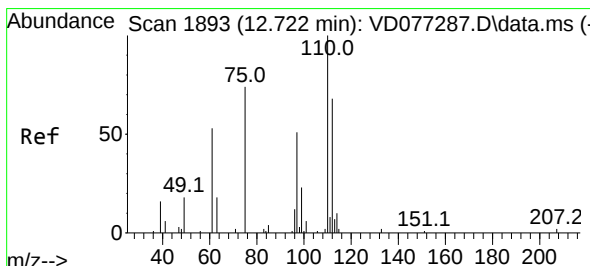
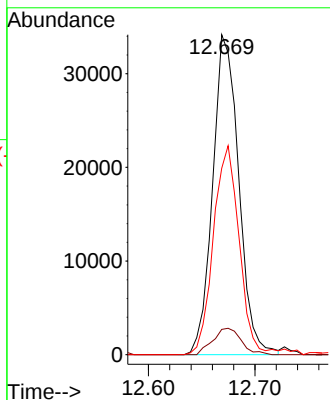
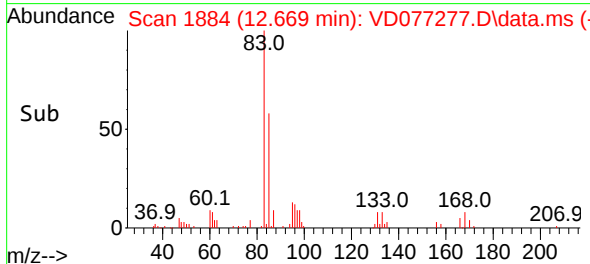
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



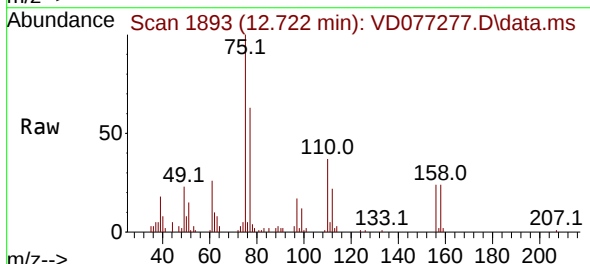
Tgt Ion: 83 Resp: 58040
Ion Ratio Lower Upper
83 100
131 9.0 5.1 15.3
85 64.6 32.6 97.8

Manual Integrations
APPROVED

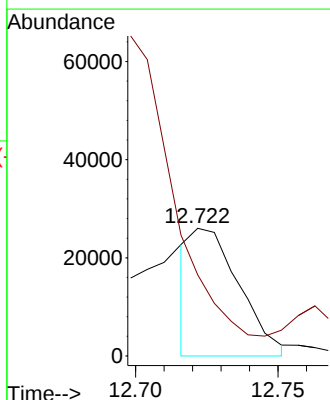
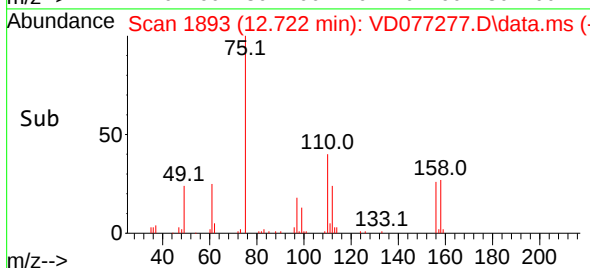
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

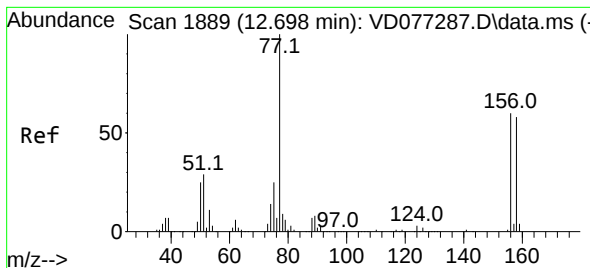


#76
1,2,3-Trichloropropane
Concen: 18.884 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03



Tgt Ion: 75 Resp: 30670
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.410 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

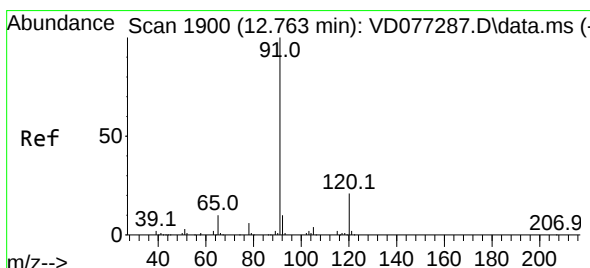
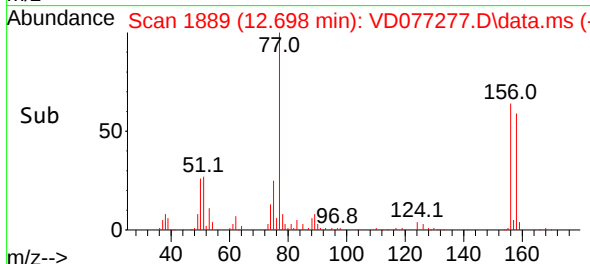
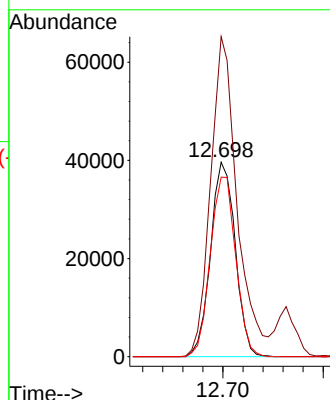
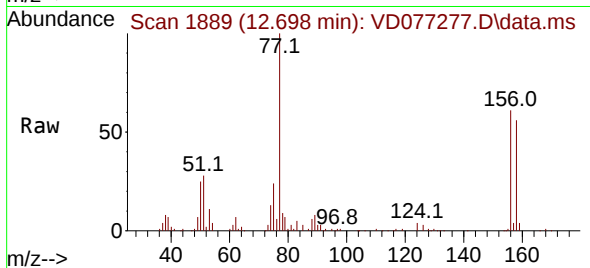
VSTDICC020

Tgt Ion:	156	Resp:	67648
Ion Ratio	Lower	Upper	
156	100		
77	177.0	76.8	230.4
158	95.6	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#78

n-propylbenzene

Concen: 19.085 ug/l

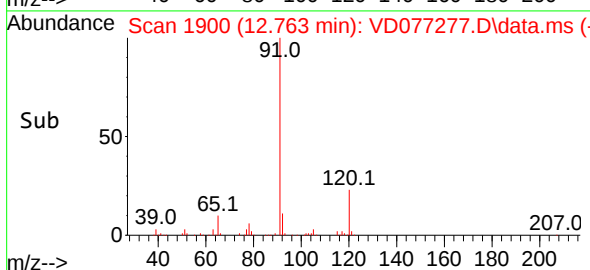
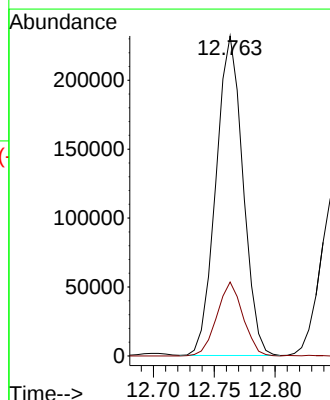
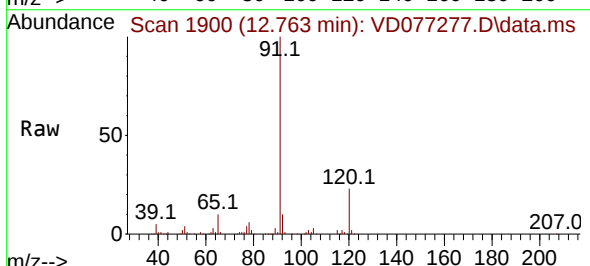
RT: 12.763 min Scan# 1900

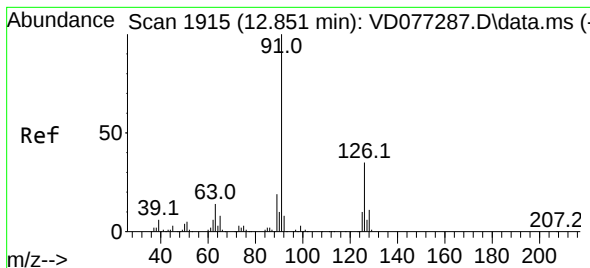
Delta R.T. -0.000 min

Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

Tgt Ion:	91	Resp:	357795
Ion Ratio	Lower	Upper	
91	100		
120	22.3	12.4	37.2





#79

2-Chlorotoluene

Concen: 19.036 ug/l

RT: 12.845 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 19205

Ion Ratio Lower Upper

91 100

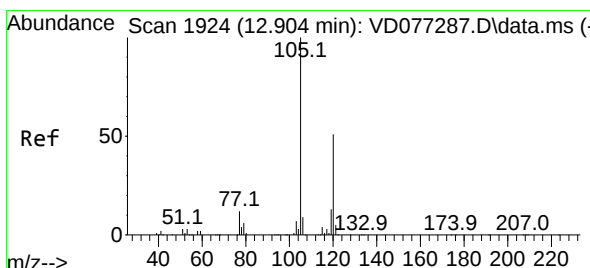
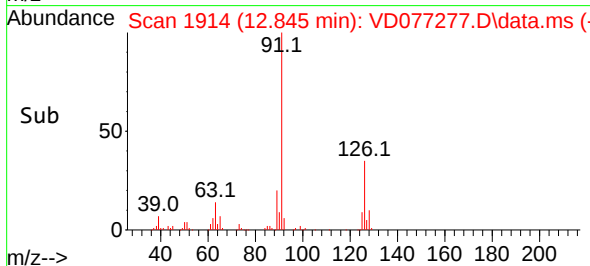
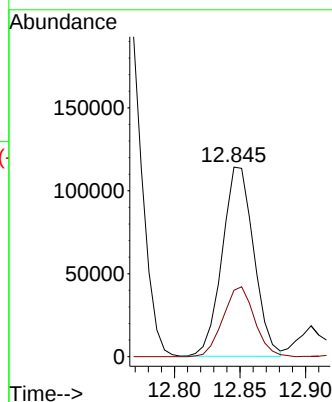
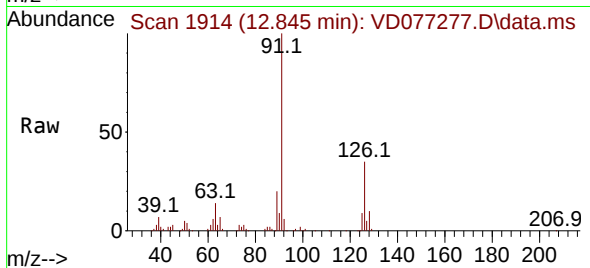
126 36.6 19.4 58.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#80

1,3,5-Trimethylbenzene

Concen: 19.304 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD077277.D

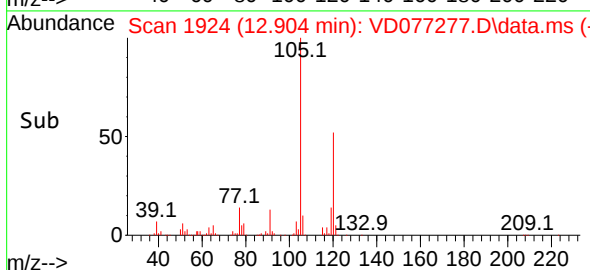
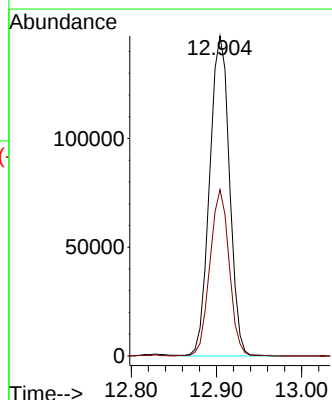
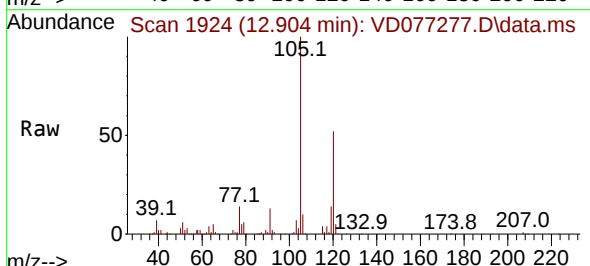
Acq: 05 Oct 2023 16:03

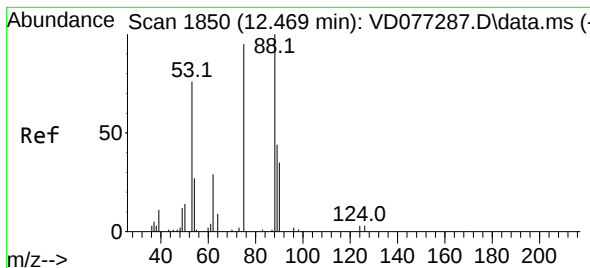
Tgt Ion:105 Resp: 238237

Ion Ratio Lower Upper

105 100

120 50.4 26.4 79.2





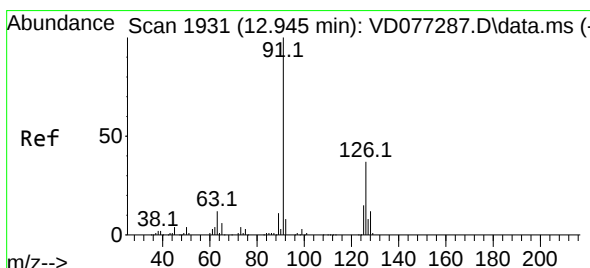
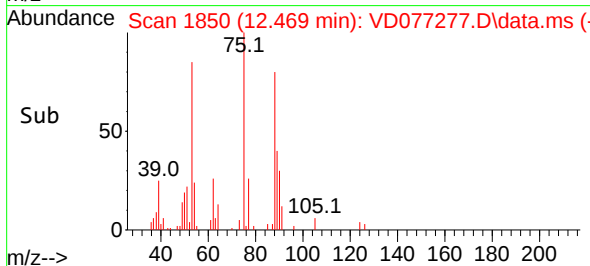
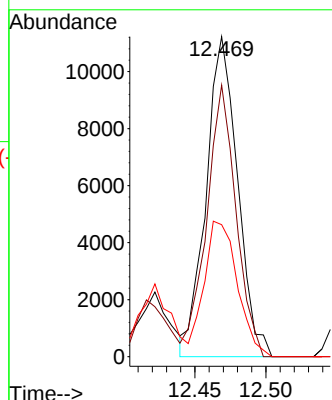
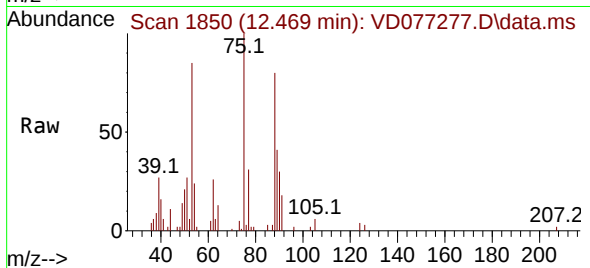
#81
trans-1,4-Dichloro-2-butene
Concen: 17.940 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 1726
Ion Ratio Lower Upper
75 100
53 79.2 63.0 94.4
89 44.6 37.9 56.9

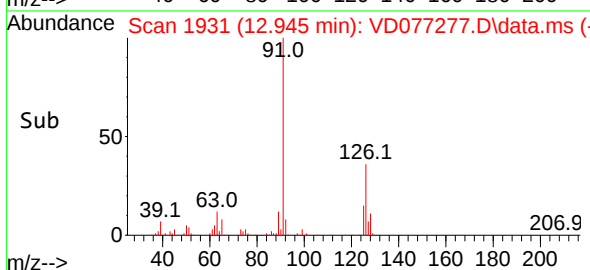
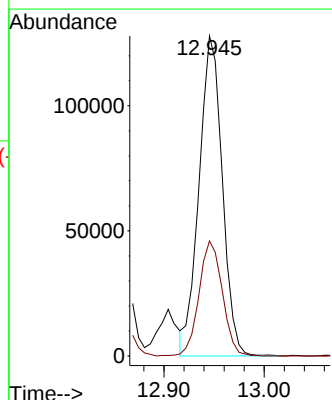
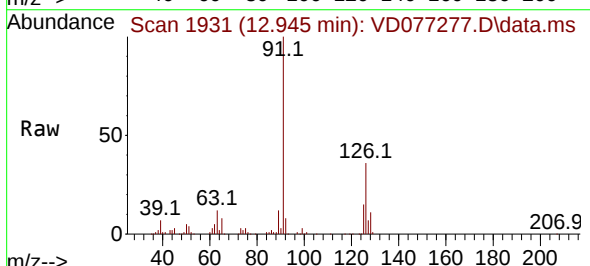
Manual Integrations
APPROVED

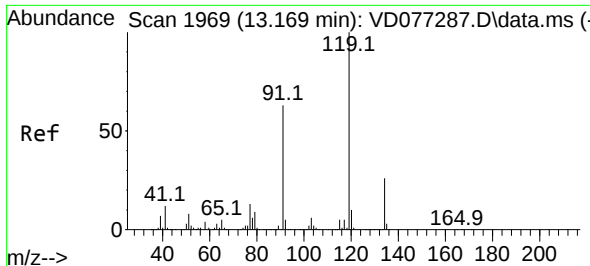
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#82
4-Chlorotoluene
Concen: 19.399 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Tgt Ion: 91 Resp: 206140
Ion Ratio Lower Upper
91 100
126 36.1 19.4 58.4





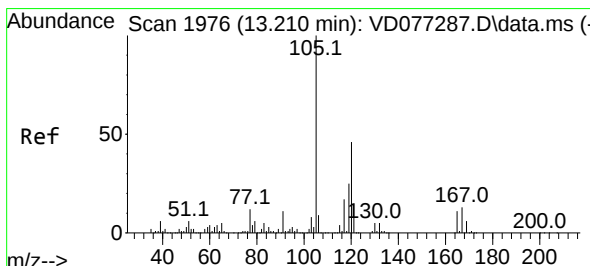
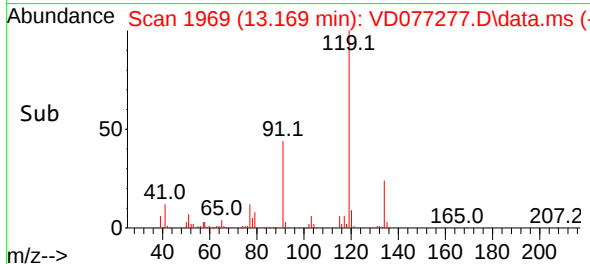
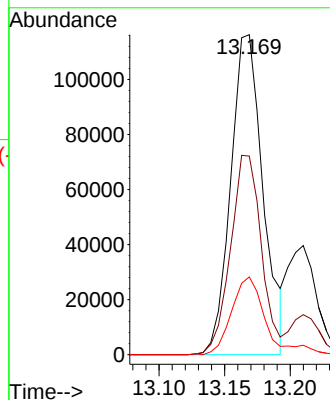
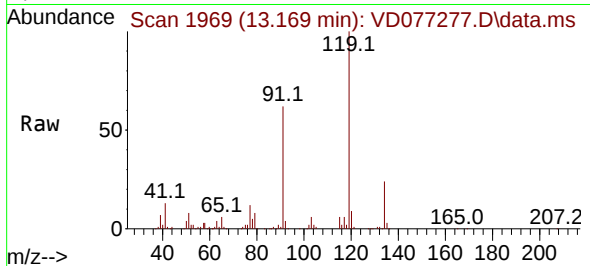
#83
tert-Butylbenzene
Concen: 18.954 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 199398
Ion Ratio Lower Upper
119 100
91 59.6 29.3 87.8
134 25.7 14.1 42.3

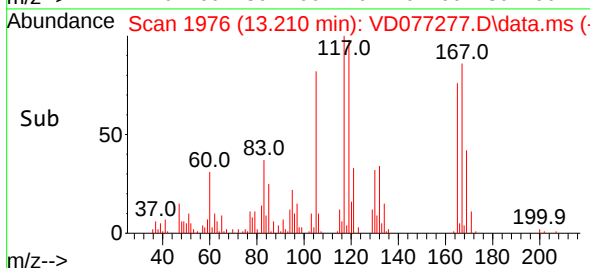
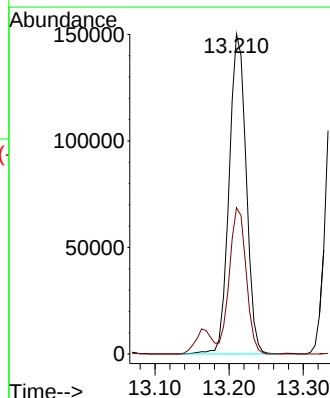
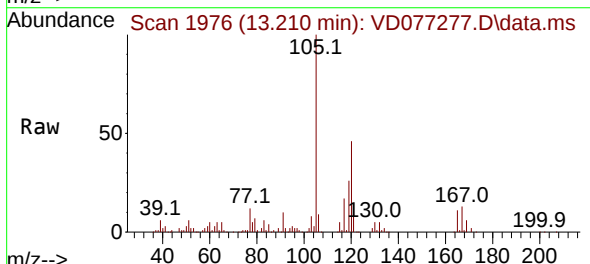
Manual Integrations
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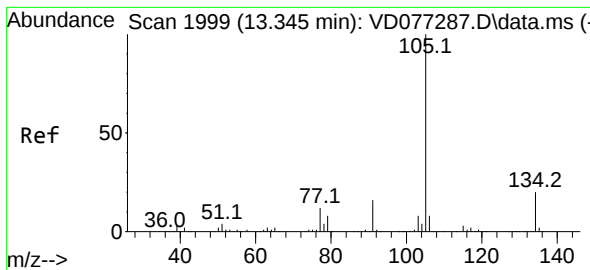
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.431 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Tgt Ion:105 Resp: 239743
Ion Ratio Lower Upper
105 100
120 45.3 24.3 72.9





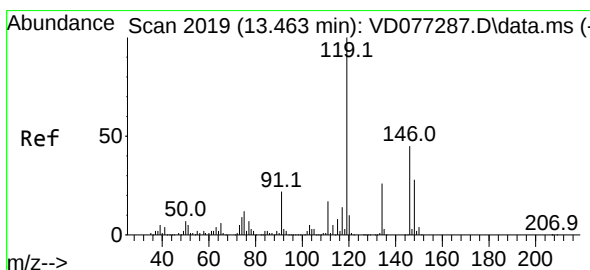
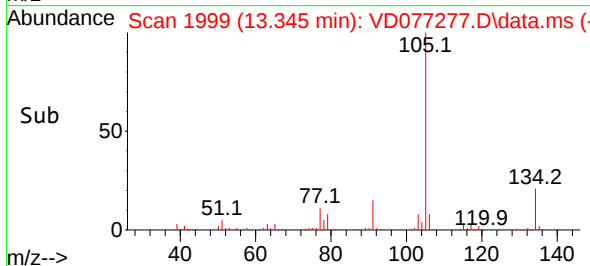
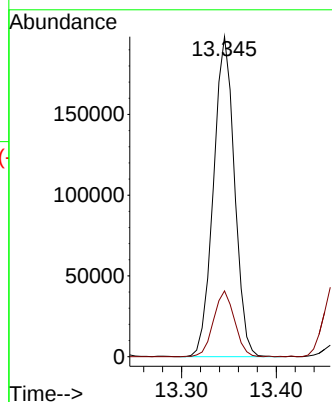
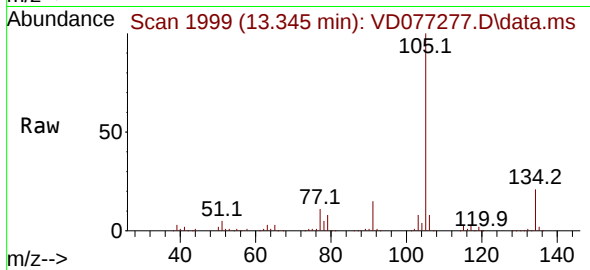
#85
 sec-Butylbenzene
 Concen: 18.936 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD077277.D
 Acq: 05 Oct 2023 16:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 30545
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.9 32.9

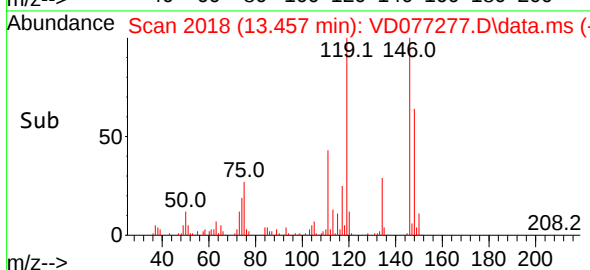
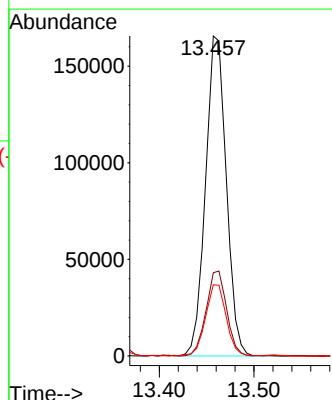
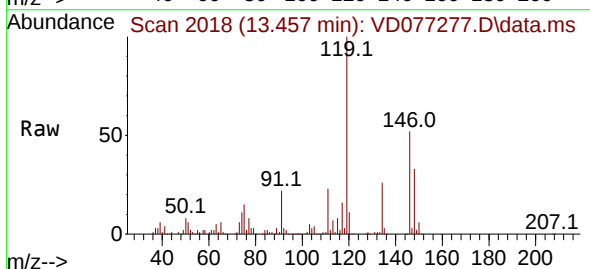
Manual Integrations
 APPROVED

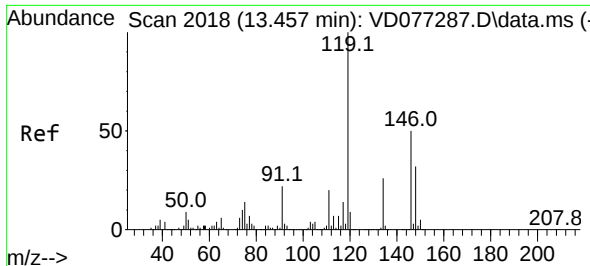
Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023



#86
 p-Isopropyltoluene
 Concen: 18.863 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD077277.D
 Acq: 05 Oct 2023 16:03

Tgt Ion:119 Resp: 252762
 Ion Ratio Lower Upper
 119 100
 134 26.3 14.2 42.6
 91 22.2 10.5 31.5





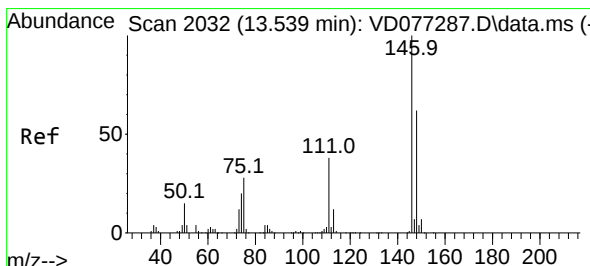
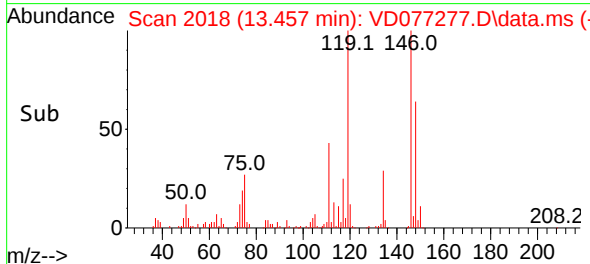
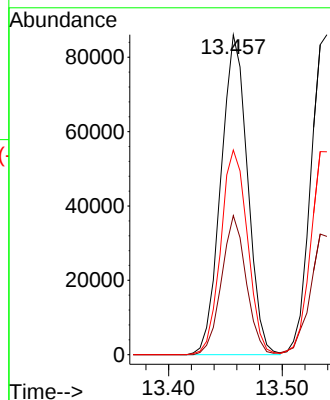
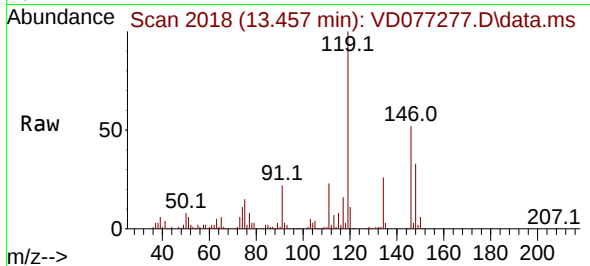
#87
1,3-Dichlorobenzene
Concen: 19.394 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 140310
Ion Ratio Lower Upper
146 100
111 40.2 17.9 53.8
148 64.1 32.3 96.8

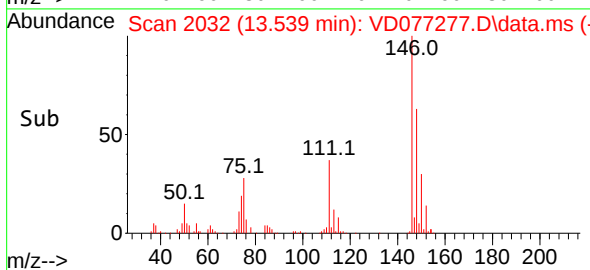
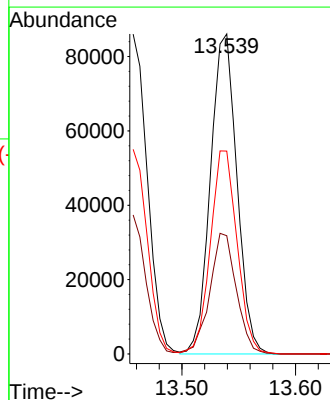
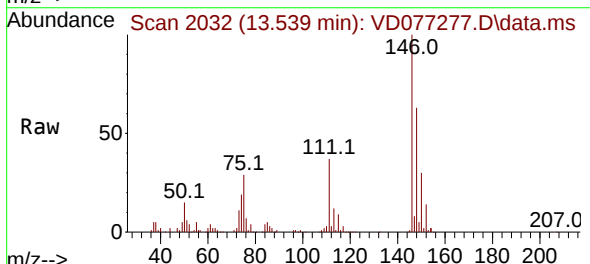
Manual Integrations
APPROVED

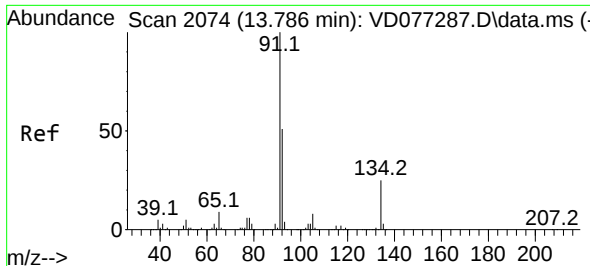
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#88
1,4-Dichlorobenzene
Concen: 19.491 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Tgt Ion:146 Resp: 139515
Ion Ratio Lower Upper
146 100
111 38.0 17.4 52.3
148 64.1 31.7 95.1





#89
n-Butylbenzene
Concen: 18.481 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

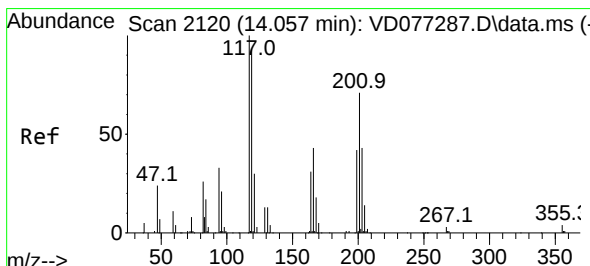
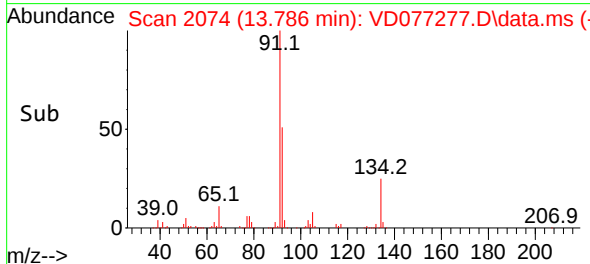
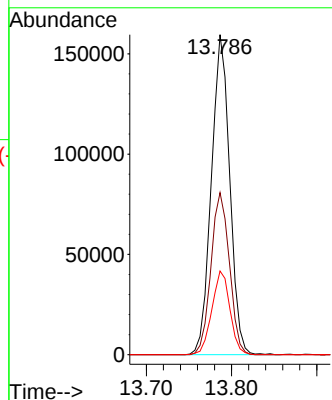
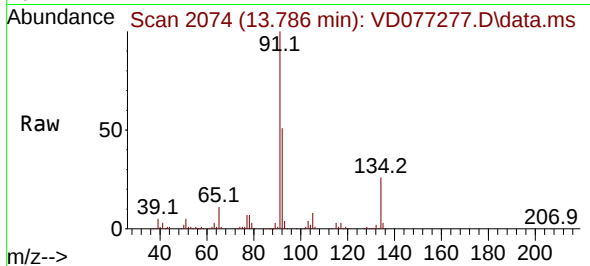
VSTDICC020

Tgt Ion: 91 Resp: 23858
Ion Ratio Lower Upper
91 100
92 50.8 26.5 79.5
134 25.7 13.8 41.3

Manual Integrations

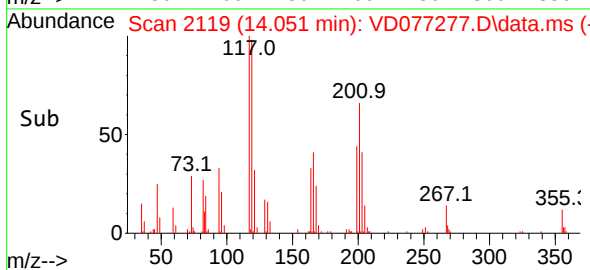
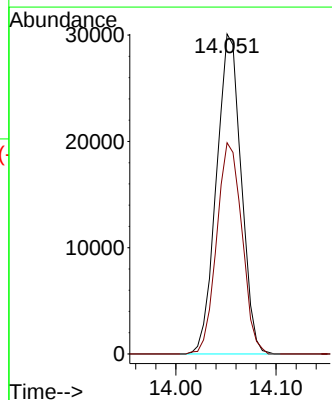
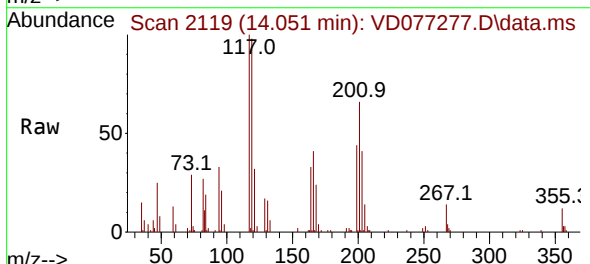
APPROVED

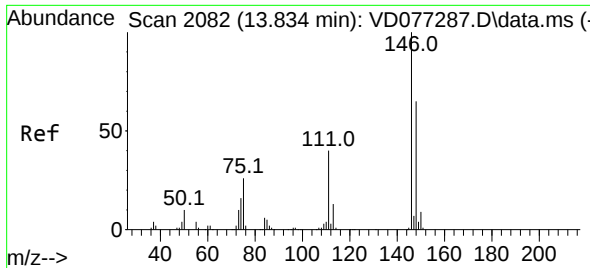
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#90
Hexachloroethane
Concen: 19.245 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Tgt Ion:117 Resp: 51634
Ion Ratio Lower Upper
117 100
201 67.3 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 19.401 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 119798

Ion Ratio Lower Upper

146 100

111 40.7 18.3 54.8

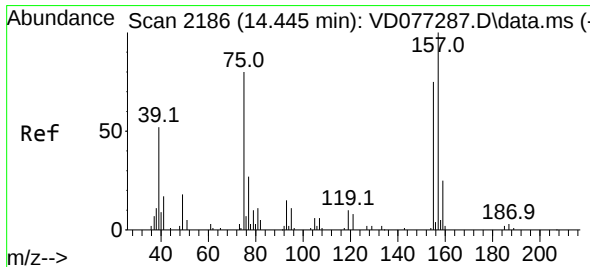
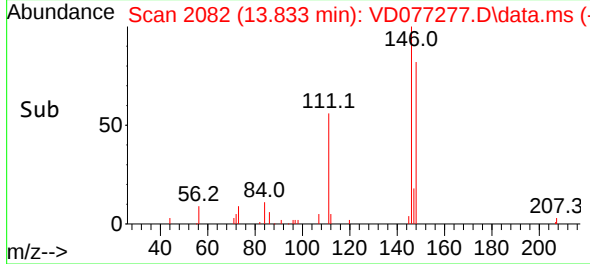
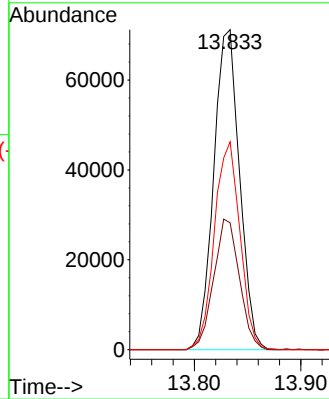
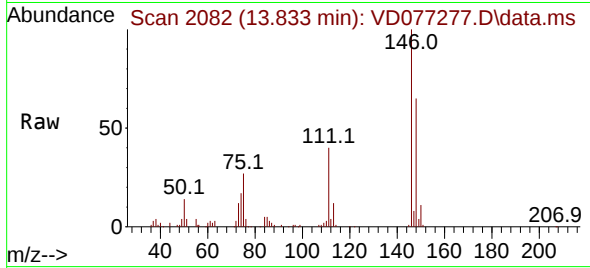
148 64.4 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.434 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD077277.D

Acq: 05 Oct 2023 16:03

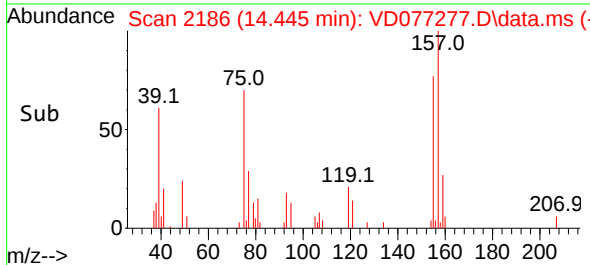
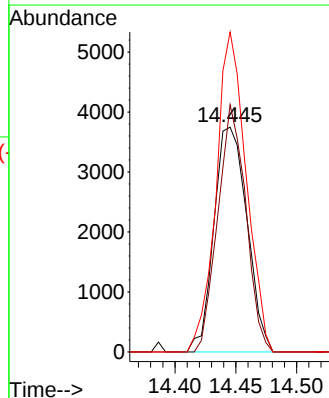
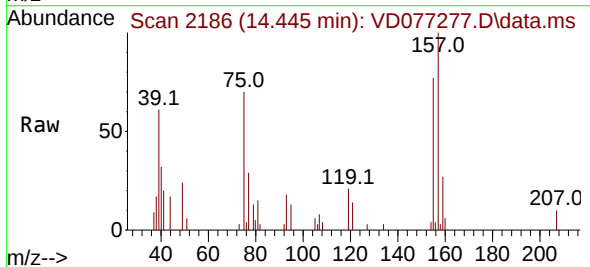
Tgt Ion: 75 Resp: 7083

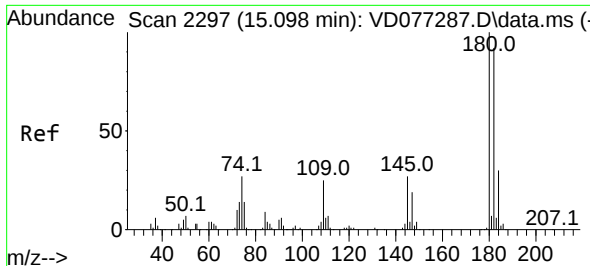
Ion Ratio Lower Upper

75 100

155 93.1 47.9 143.8

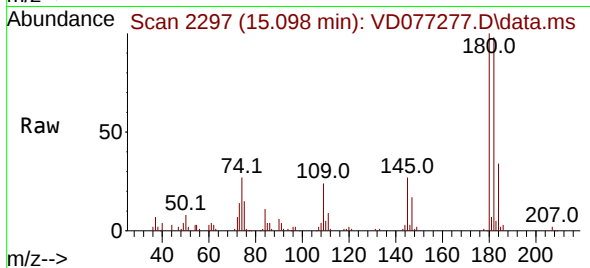
157 129.7 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 18.528 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

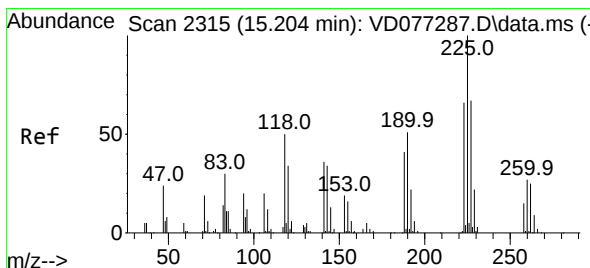
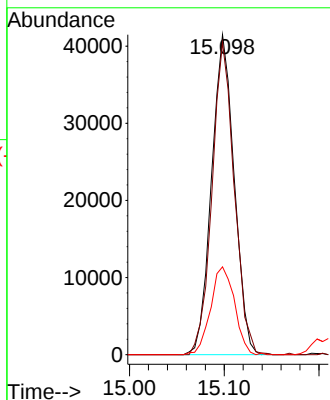
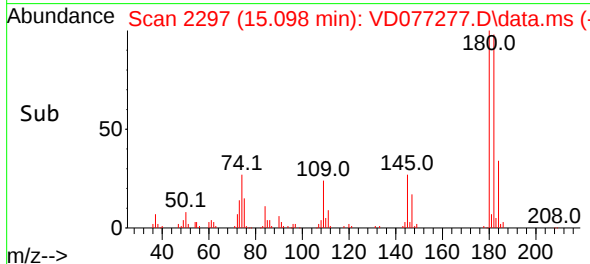
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



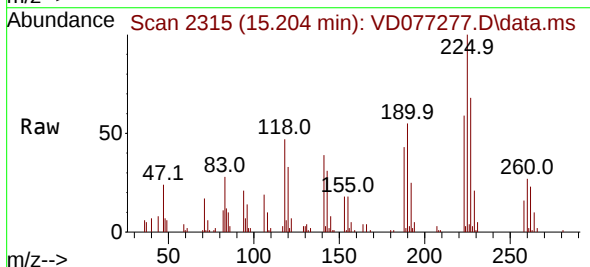
Tgt Ion:180 Resp: 68740
Ion Ratio Lower Upper
180 100
182 95.8 48.5 145.6
145 29.1 14.2 42.6

Manual Integrations
APPROVED

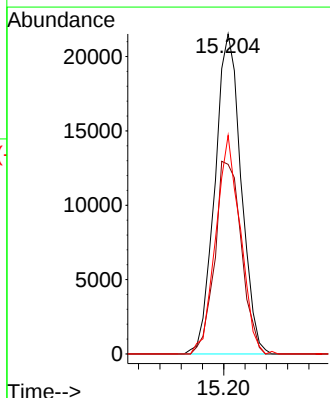
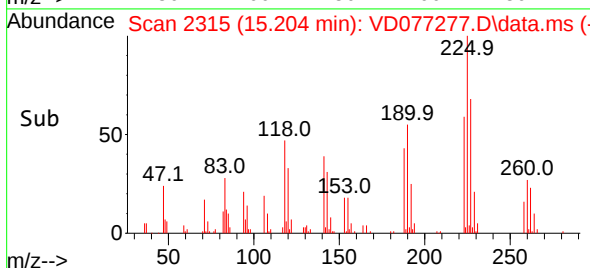
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

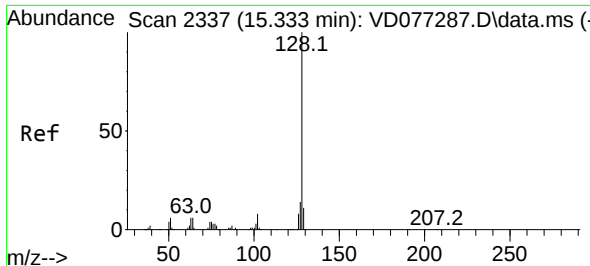


#94
Hexachlorobutadiene
Concen: 18.777 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03



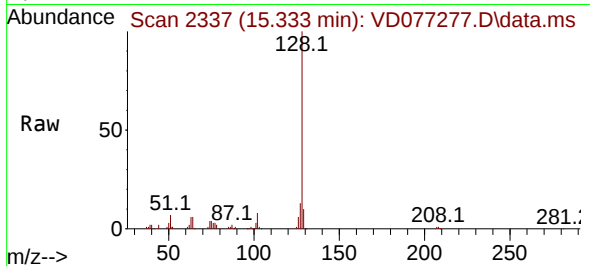
Tgt Ion:225 Resp: 36708
Ion Ratio Lower Upper
225 100
223 61.0 31.6 94.8
227 63.9 31.7 95.1





#95
Naphthalene
Concen: 17.923 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

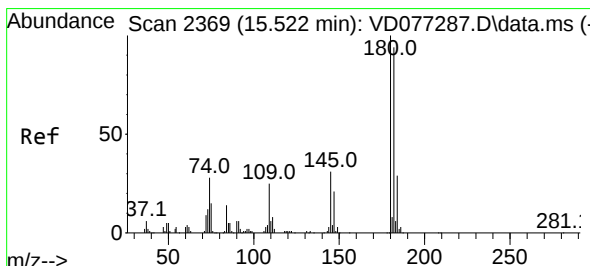
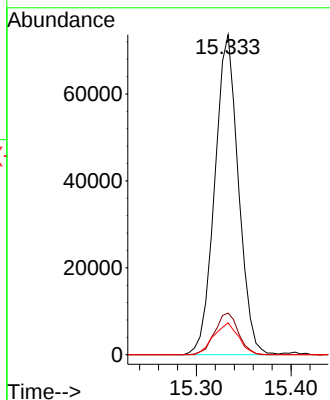
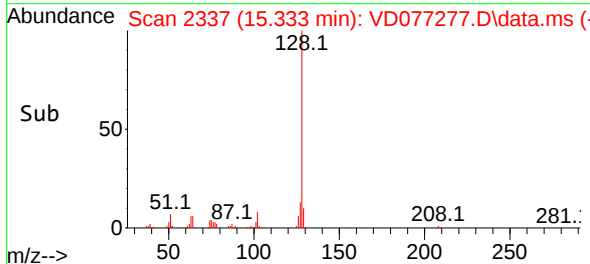
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:128 Resp: 127954
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 9.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.473 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077277.D
Acq: 05 Oct 2023 16:03

Tgt Ion:180 Resp: 60972
Ion Ratio Lower Upper
180 100
182 93.1 47.3 141.9
145 32.7 15.1 45.3

