

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077278.D
 Acq On : 05 Oct 2023 16:31
 Operator : JC/SY
 Sample : VSTDIC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 06 07:40:49 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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	192913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	325343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	312056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	126992	54.254	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.500%	
35) Dibromofluoromethane	7.804	113	143547	52.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.540%	
50) Toluene-d8	10.269	98	545525	56.449	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.900%	
62) 4-Bromofluorobenzene	12.575	95	163232	54.301	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	113346	45.587	ug/l	98
3) Chloromethane	2.146	50	181910	46.941	ug/l	100
4) Vinyl Chloride	2.281	62	216992	45.752	ug/l	100
5) Bromomethane	2.681	94	157782	47.090	ug/l	100
6) Chloroethane	2.834	64	154081	54.562	ug/l	99
7) Trichlorofluoromethane	3.169	101	234175	52.837	ug/l	98
8) Diethyl Ether	3.593	74	70163	48.765	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.963	101	144294	48.104	ug/l	98
10) Methyl Iodide	4.158	142	194815	52.714	ug/l	91
11) Tert butyl alcohol	5.052	59	37936	237.669	ug/l	98
12) 1,1-Dichloroethene	3.934	96	145158	49.580	ug/l	85
13) Acrolein	3.793	56	72472	262.409	ug/l	98
14) Allyl chloride	4.558	41	189283	49.825	ug/l	93
15) Acrylonitrile	5.252	53	169995	256.187	ug/l	99
16) Acetone	4.022	43	151938	255.317	ug/l	92
17) Carbon Disulfide	4.263	76	479703	48.604	ug/l	99
18) Methyl Acetate	4.563	43	120840	50.789	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	313328	51.578	ug/l	97
20) Methylene Chloride	4.799	84	190737	50.015	ug/l #	87
21) trans-1,2-Dichloroethene	5.310	96	172491	49.902	ug/l	94
22) Diisopropyl ether	6.216	45	425482	52.698	ug/l	95
23) Vinyl Acetate	6.152	43	1043549	316.129	ug/l	95
24) 1,1-Dichloroethane	6.105	63	280452	48.802	ug/l	98
25) 2-Butanone	7.081	43	207025	254.929	ug/l	92
26) 2,2-Dichloropropane	7.075	77	233482	47.607	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	188019	50.743	ug/l	93
28) Bromochloromethane	7.422	49	85493	50.894	ug/l #	80
29) Tetrahydrofuran	7.446	42	120921	260.098	ug/l #	88
30) Chloroform	7.593	83	294672	49.330	ug/l	99
31) Cyclohexane	7.875	56	228754	48.070	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	252038	49.362	ug/l	98
36) 1,1-Dichloropropene	8.004	75	222762	49.123	ug/l	96
37) Ethyl Acetate	7.169	43	88258	48.883	ug/l	95
38) Carbon Tetrachloride	7.993	117	208356	49.648	ug/l	99
39) Methylcyclohexane	9.275	83	266744	51.377	ug/l	97
40) Benzene	8.251	78	684790	50.691	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	42012	45.395	ug/l #	89
42) 1,2-Dichloroethane	8.322	62	162331	50.691	ug/l	97
43) Isopropyl Acetate	8.363	43	161547	50.721	ug/l	93
44) Trichloroethene	9.028	130	169961	49.152	ug/l	96
45) 1,2-Dichloropropane	9.304	63	169743	51.073	ug/l	99
46) Dibromomethane	9.393	93	92052	49.663	ug/l	92
47) Bromodichloromethane	9.587	83	216057	50.287	ug/l	95
48) Methyl methacrylate	9.381	41	75679	51.293	ug/l #	84
49) 1,4-Dioxane	9.387	88	20039	1085.999	ug/l #	92
51) 4-Methyl-2-Pentanone	10.157	43	435096	263.254	ug/l	91
52) Toluene	10.334	92	433342	52.321	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	208767	50.804	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	254930	51.685	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	126524	50.041	ug/l	98
56) Ethyl methacrylate	10.598	69	149086	54.071	ug/l	91
57) 1,3-Dichloropropane	10.881	76	208900	50.546	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	324343	251.813	ug/l	95
59) 2-Hexanone	10.922	43	315316	266.449	ug/l	90
60) Dibromochloromethane	11.075	129	147288	50.890	ug/l	97
61) 1,2-Dibromoethane	11.181	107	120526	51.240	ug/l	96
64) Tetrachloroethene	10.810	164	141214	49.362	ug/l	94
65) Chlorobenzene	11.604	112	435371	49.507	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	157658	50.867	ug/l	97
67) Ethyl Benzene	11.681	91	810302	51.733	ug/l	96
68) m/p-Xylenes	11.792	106	635595	104.407	ug/l	89
69) o-Xylene	12.122	106	293911	53.135	ug/l	94
70) Styrene	12.134	104	509360	53.604	ug/l	97
71) Bromoform	12.298	173	84920	49.330	ug/l #	100
73) Isopropylbenzene	12.422	105	759783	51.784	ug/l	96
74) N-amyl acetate	12.234	43	153082	50.804	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	147536	50.604	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	175335	109.872	ug/l #	100
77) Bromobenzene	12.698	156	170336	49.740	ug/l	88
78) n-propylbenzene	12.763	91	952904	51.729	ug/l	95
79) 2-Chlorotoluene	12.851	91	507809	51.226	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	635660	52.422	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	46880	49.577	ug/l	97
82) 4-Chlorotoluene	12.945	91	542110	51.921	ug/l	93
83) tert-Butylbenzene	13.169	119	532332	51.500	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	637836	52.614	ug/l	97
85) sec-Butylbenzene	13.345	105	824755	52.035	ug/l	95
86) p-Isopropyltoluene	13.457	119	695372	52.814	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	359471	50.565	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	349951	49.759	ug/l	98
89) n-Butylbenzene	13.786	91	654314	51.583	ug/l	97
90) Hexachloroethane	14.051	117	129971	49.301	ug/l	89
91) 1,2-Dichlorobenzene	13.828	146	312231	51.463	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	19050	50.459	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	185724	50.946	ug/l	96
94) Hexachlorobutadiene	15.204	225	94402	49.145	ug/l	98
95) Naphthalene	15.333	128	363279	51.790	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	163809	50.512	ug/l	99

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QLast Update : Fri Oct 06 07:36:35 2023
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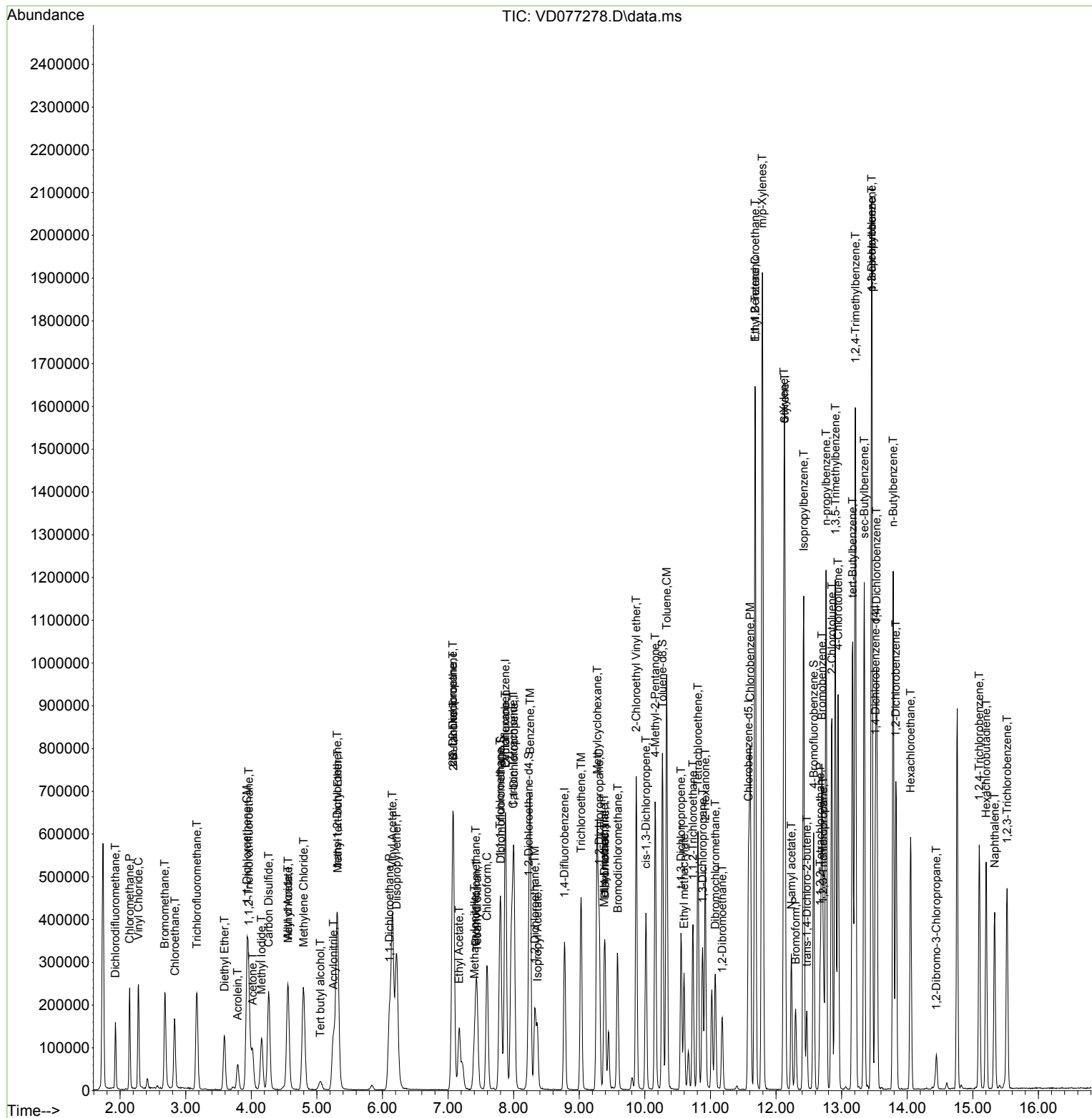
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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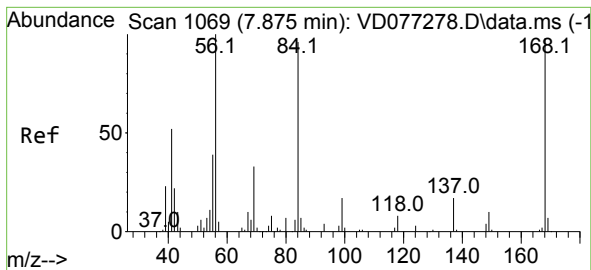
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077278.D

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Instrument :

MSVOA_D

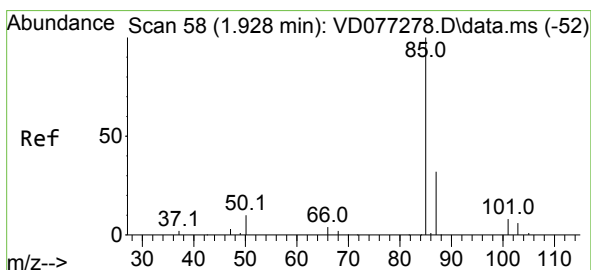
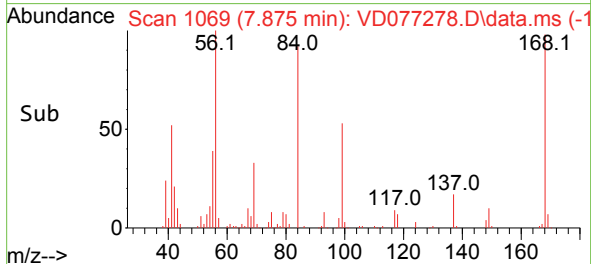
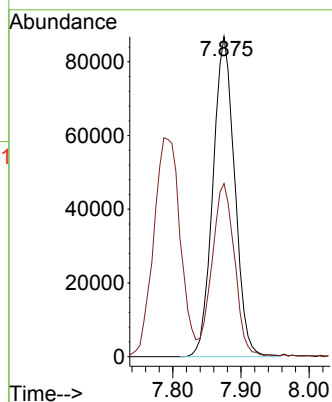
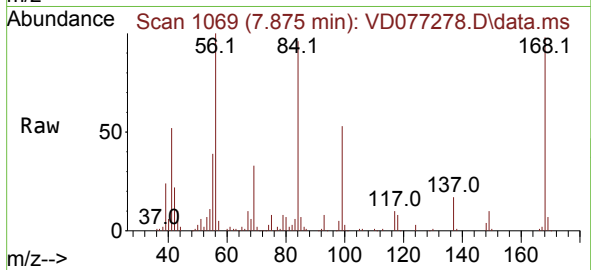
ClientSampleId :

Tgt Ion:168 Resp: 192913

Ion Ratio Lower Upper

168 100

99 53.7 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 45.587 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD077278.D

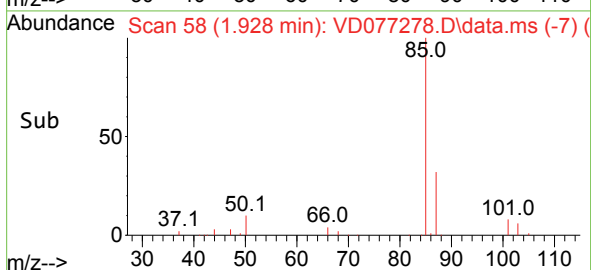
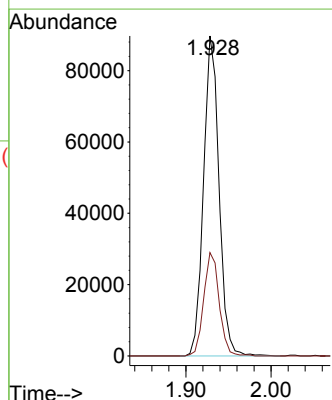
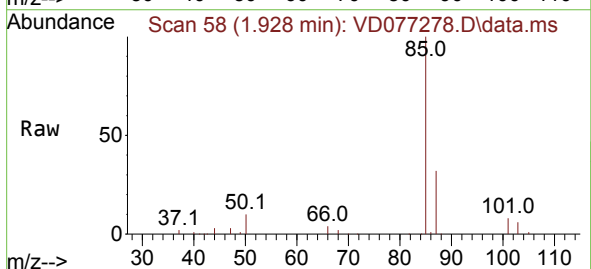
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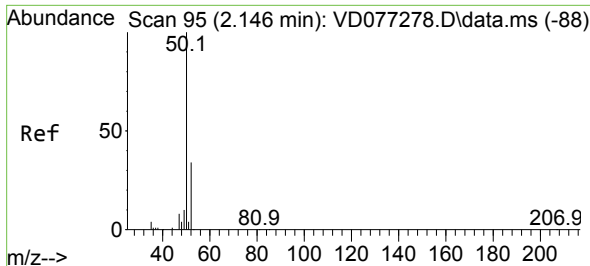
Tgt Ion: 85 Resp: 113346

Ion Ratio Lower Upper

85 100

87 32.3 15.7 47.0

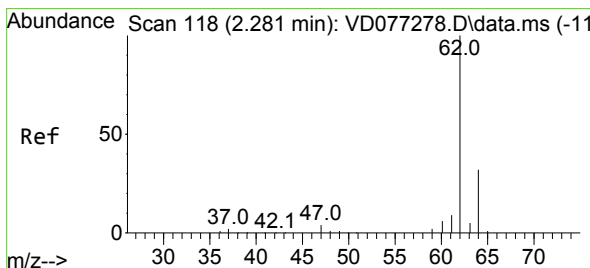
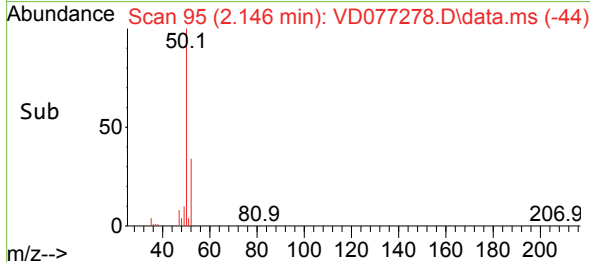
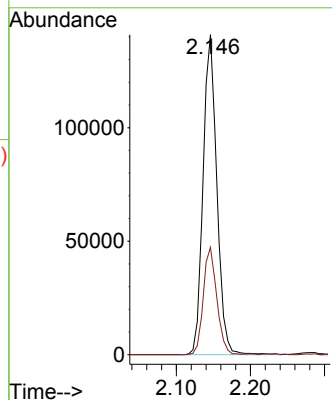
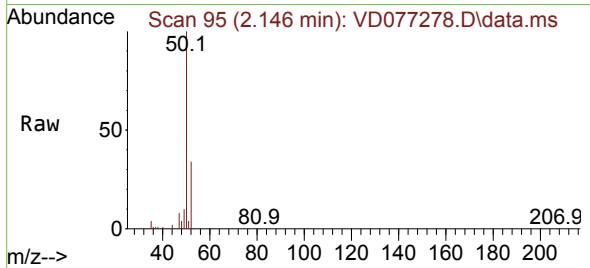




#3
Chloromethane
Concen: 46.941 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

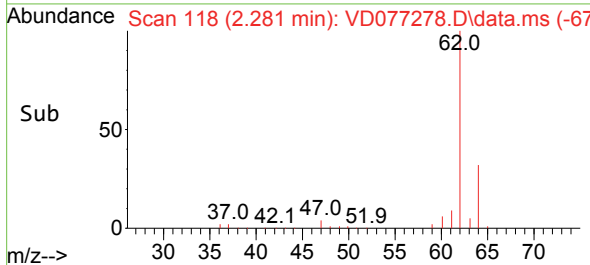
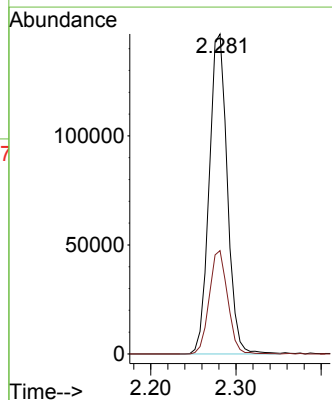
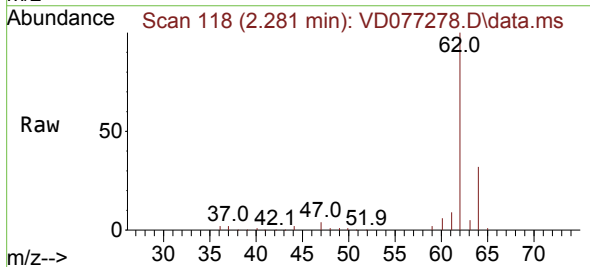
Instrument :
MSVOA_D
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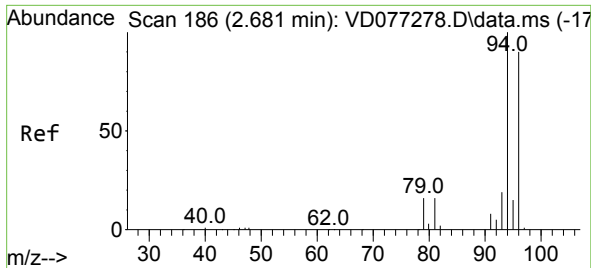
Tgt Ion: 50 Resp: 181910
Ion Ratio Lower Upper
50 100
52 33.6 26.6 40.0



#4
Vinyl Chloride
Concen: 45.752 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 62 Resp: 216992
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0

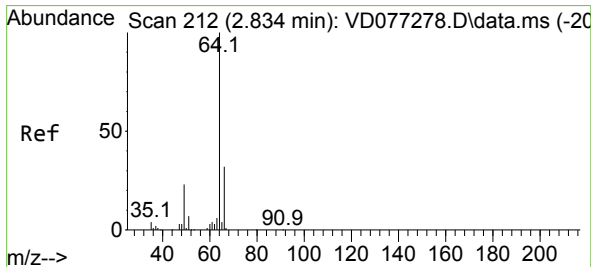
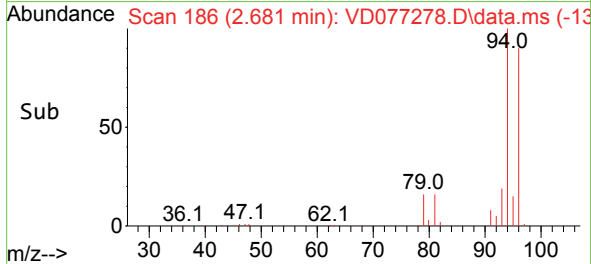
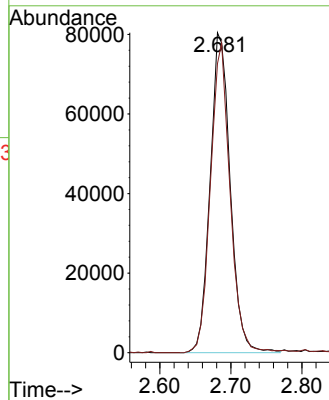
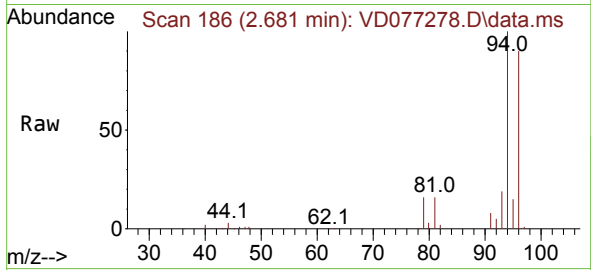




#5
Bromomethane
Concen: 47.090 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD077278.D
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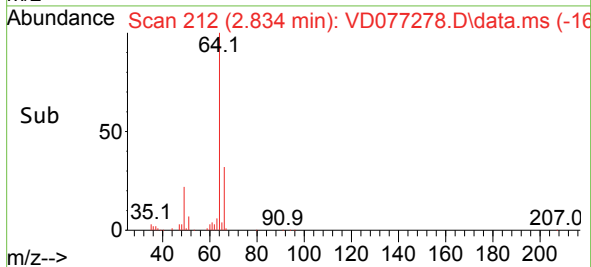
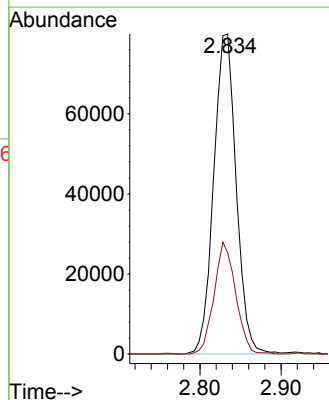
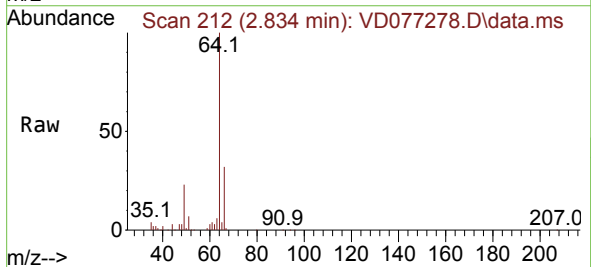
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ClientSampleId :

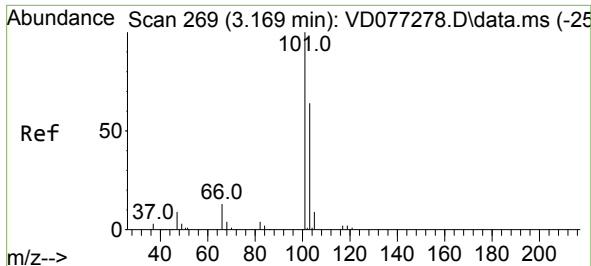
Tgt Ion: 94 Resp: 157782
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.8



#6
Chloroethane
Concen: 54.562 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 64 Resp: 154081
Ion Ratio Lower Upper
64 100
66 31.5 25.5 38.3

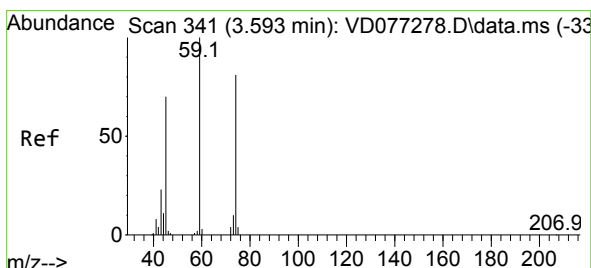
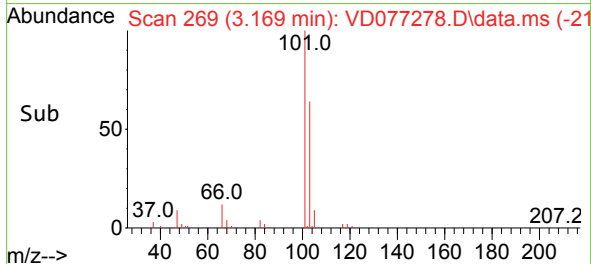
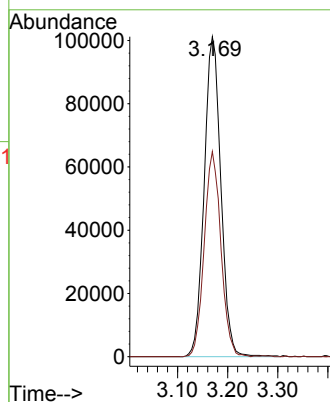
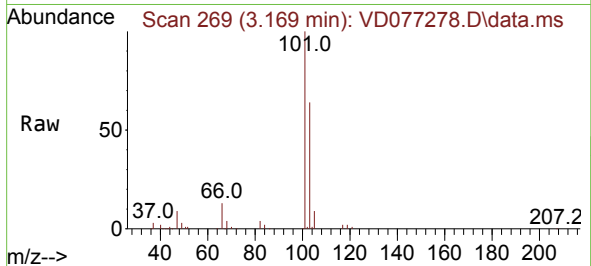




#7
 Trichlorofluoromethane
 Concen: 52.837 ug/l
 RT: 3.169 min Scan# 207
 Delta R.T. 0.000 min
 Lab File: VD077278.D
 Acq: 05 Oct 2023 16:31

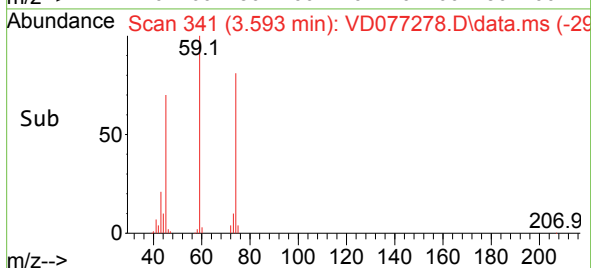
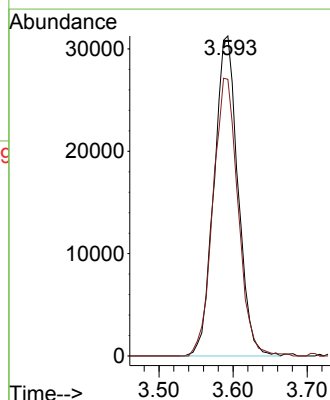
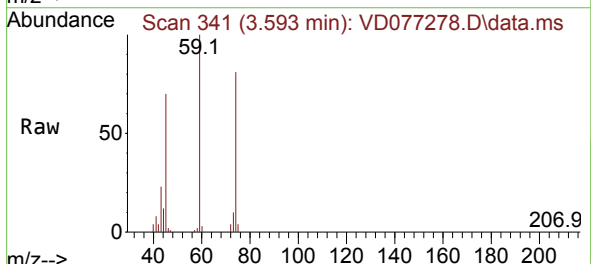
Instrument :
 MSVOA_D
 ClientSampleId :

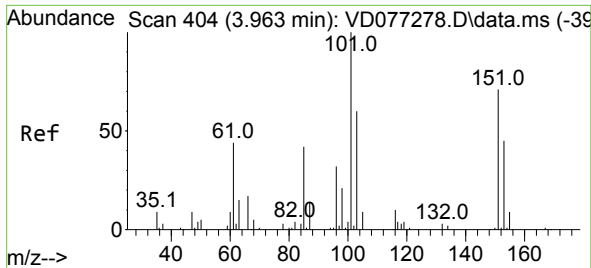
Tgt Ion:101 Resp: 234175
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.3 78.5



#8
 Diethyl Ether
 Concen: 48.765 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD077278.D
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Tgt Ion: 74 Resp: 70163
 Ion Ratio Lower Upper
 74 100
 45 91.0 37.5 112.7

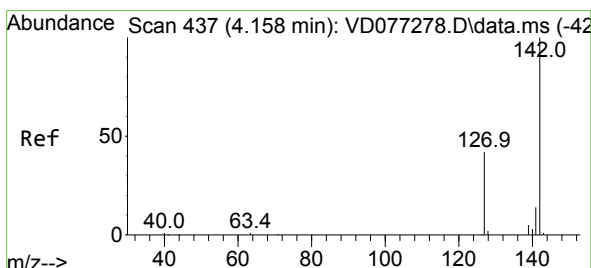
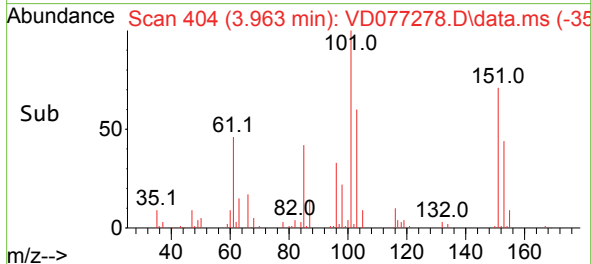
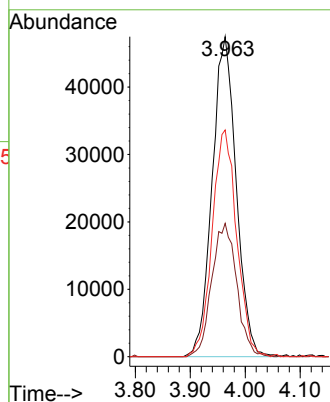
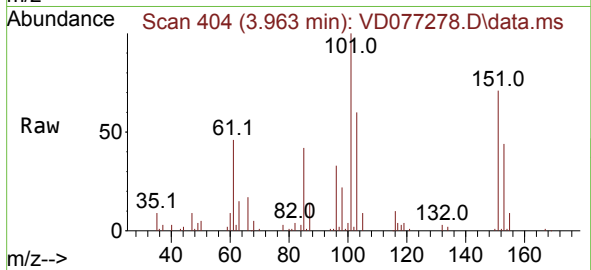




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.104 ug/l
RT: 3.963 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

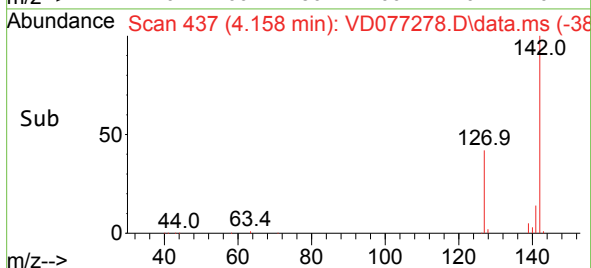
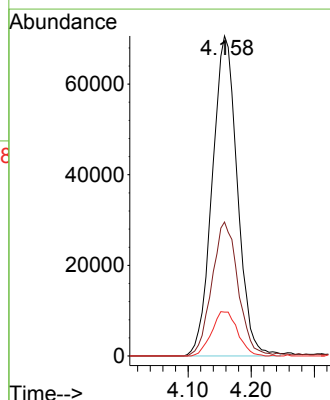
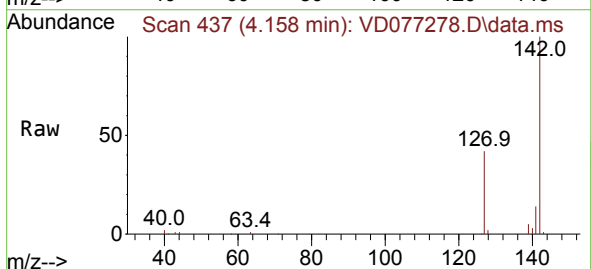
Instrument :
MSVOA_D
ClientSampleId :

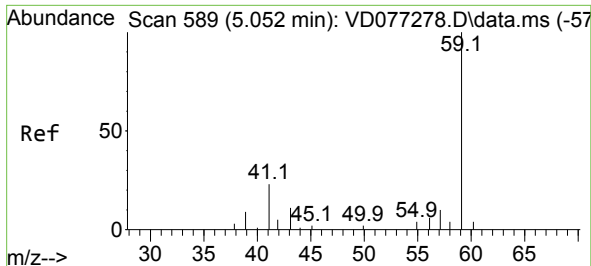
Tgt Ion:101 Resp: 144294
Ion Ratio Lower Upper
101 100
85 43.2 33.8 50.6
151 72.2 59.8 89.6



#10
Methyl Iodide
Concen: 52.714 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion:142 Resp: 194815
Ion Ratio Lower Upper
142 100
127 43.6 29.4 44.0
141 14.4 11.1 16.7

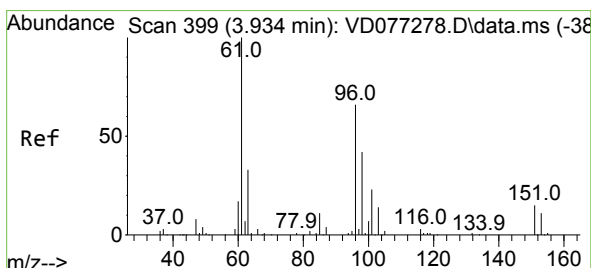
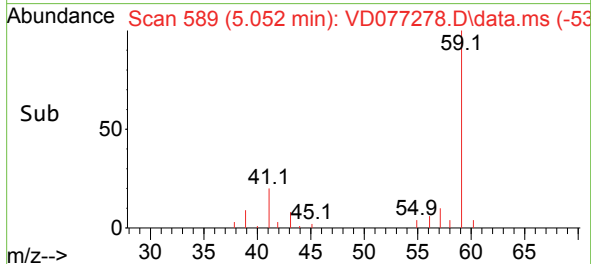
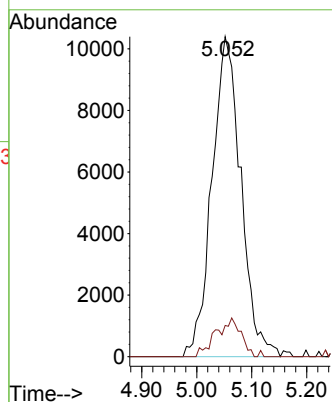
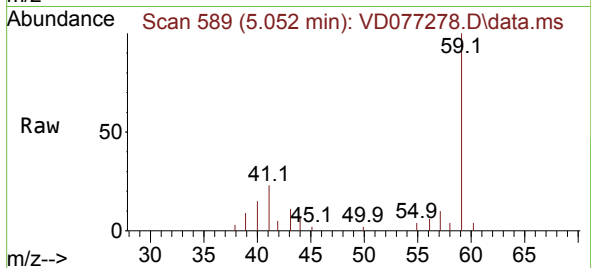




#11
Tert butyl alcohol
Concen: 237.669 ug/l
RT: 5.052 min Scan# 589
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

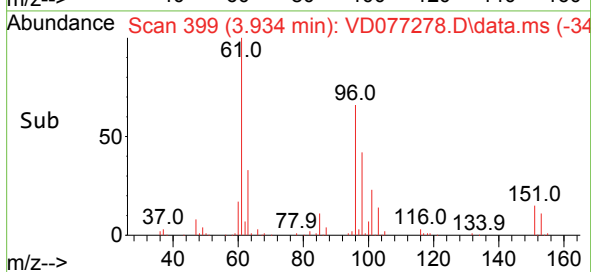
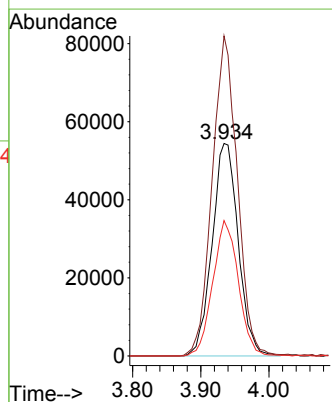
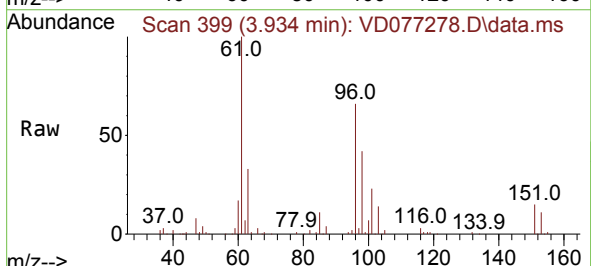
Instrument :
MSVOA_D
ClientSampleId :

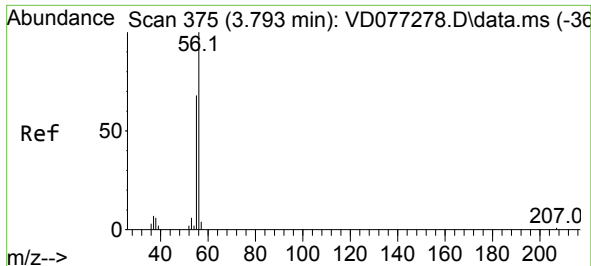
Tgt Ion: 59 Resp: 37936
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 49.580 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

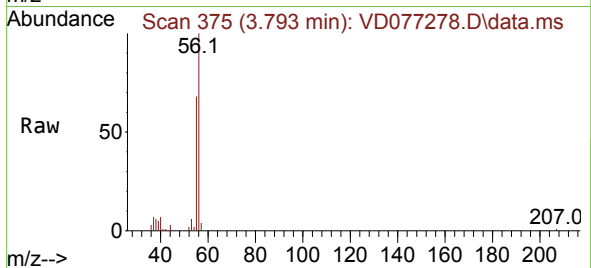
Tgt Ion: 96 Resp: 145158
Ion Ratio Lower Upper
96 100
61 150.5 100.6 150.8
98 63.6 50.2 75.2



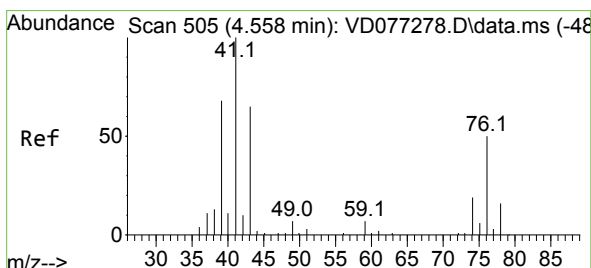
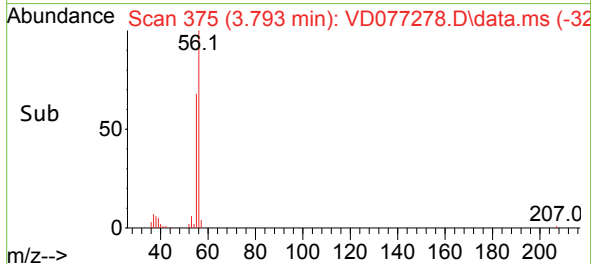
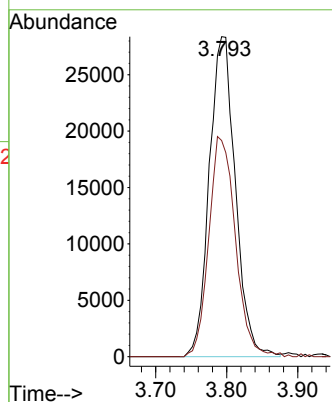


#13
Acrolein
Concen: 262.409 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Instrument :
MSVOA_D
ClientSampleId :

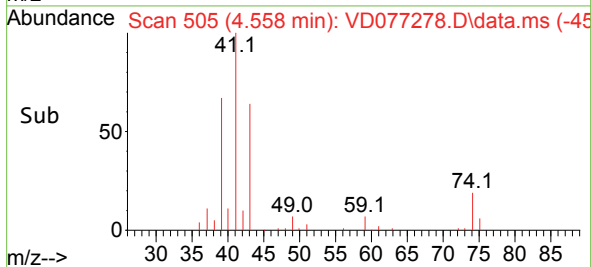
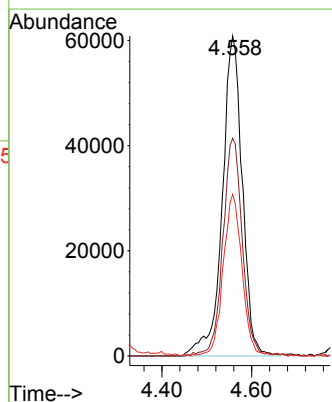
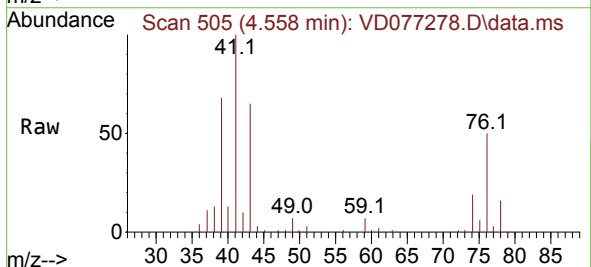


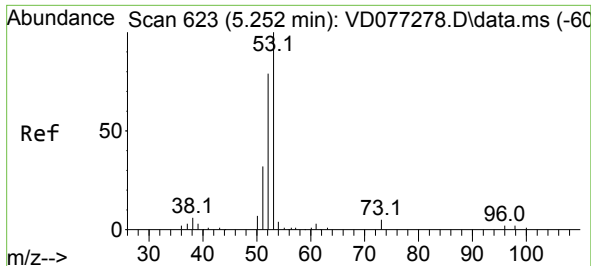
Tgt Ion: 56 Resp: 72472
Ion Ratio Lower Upper
56 100
55 70.2 55.1 82.7



#14
Allyl chloride
Concen: 49.825 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 41 Resp: 189283
Ion Ratio Lower Upper
41 100
39 65.9 53.8 80.6
76 47.5 45.8 68.8

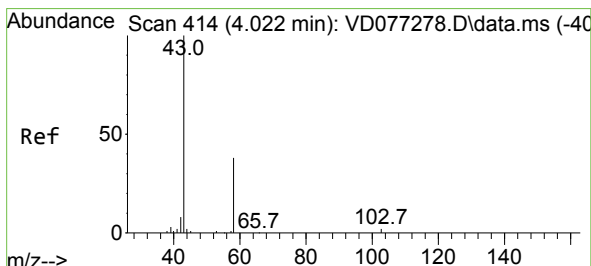
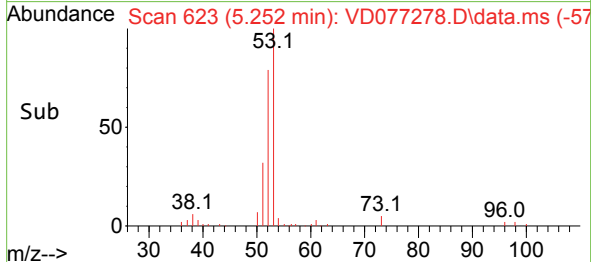
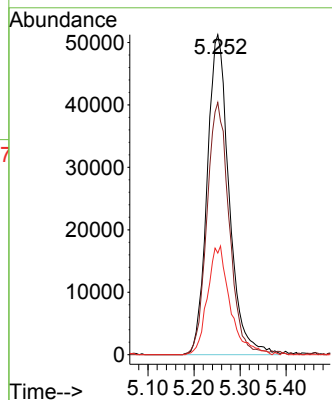
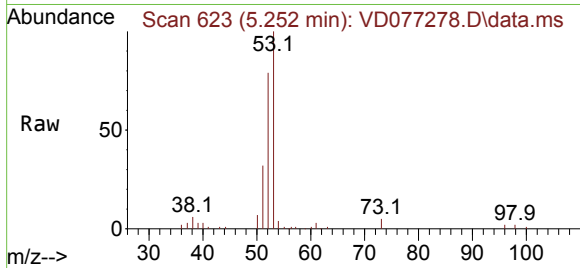




#15
Acrylonitrile
Concen: 256.187 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

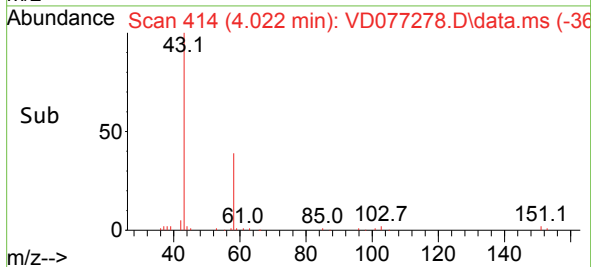
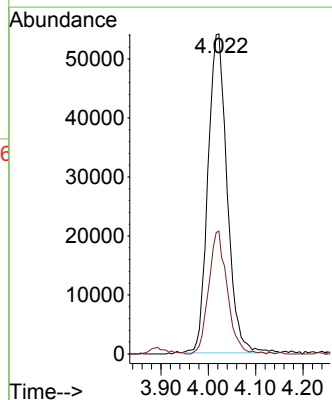
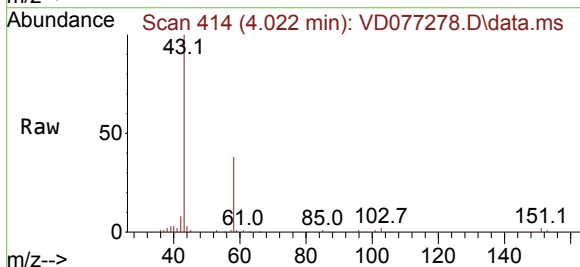
Instrument :
MSVOA_D
ClientSampleId :

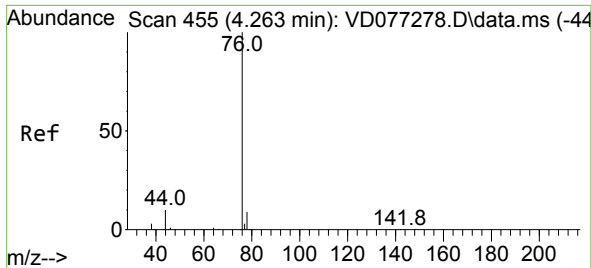
Tgt Ion: 53 Resp: 169995
Ion Ratio Lower Upper
53 100
52 79.6 65.0 97.4
51 35.1 28.3 42.5



#16
Acetone
Concen: 255.317 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 43 Resp: 151938
Ion Ratio Lower Upper
43 100
58 38.1 34.7 52.1

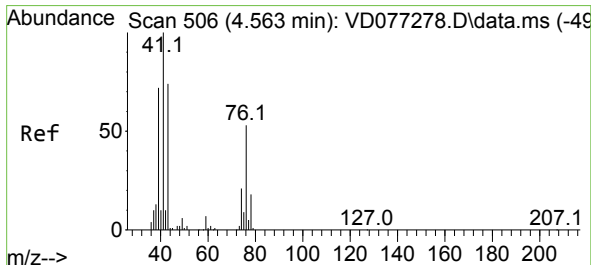
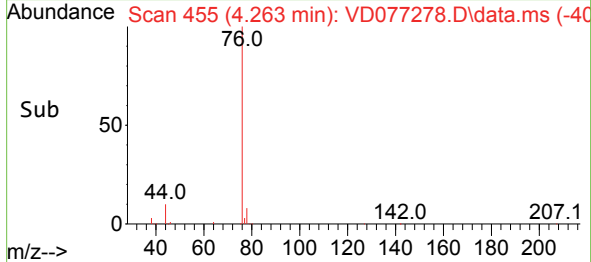
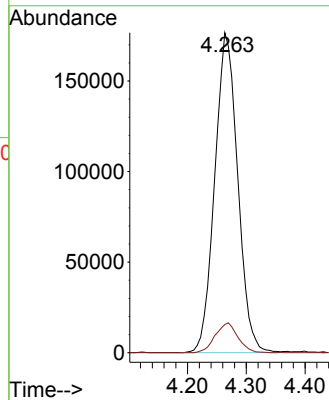
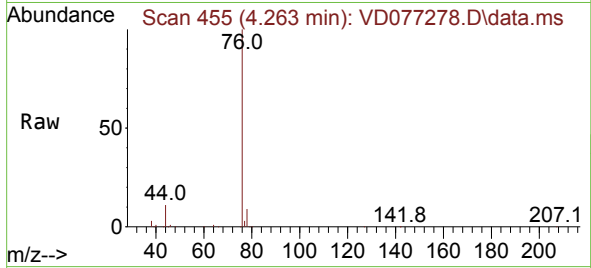




#17
Carbon Disulfide
Concen: 48.604 ug/l
RT: 4.263 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

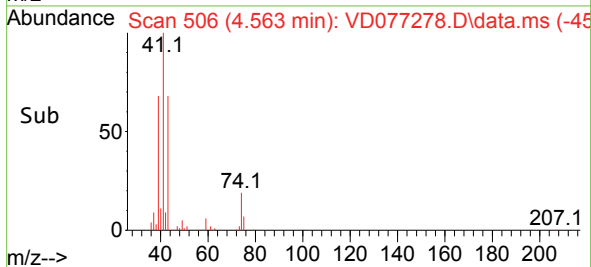
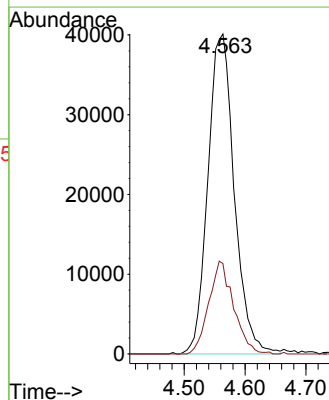
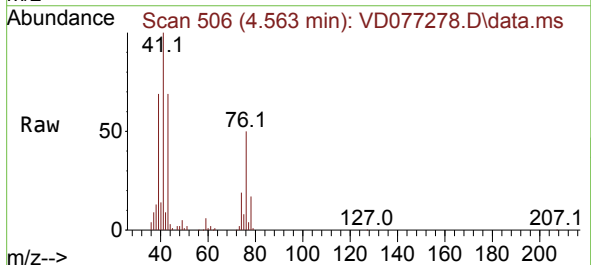
Instrument :
MSVOA_D
ClientSampleId :

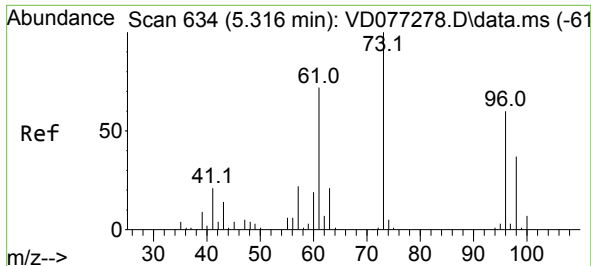
Tgt Ion: 76 Resp: 479703
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 50.789 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 43 Resp: 120840
Ion Ratio Lower Upper
43 100
74 27.3 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 51.578 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077278.D

Acq: 05 Oct 2023 16:31

Instrument :

MSVOA_D

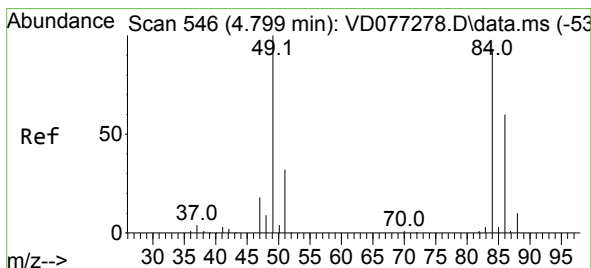
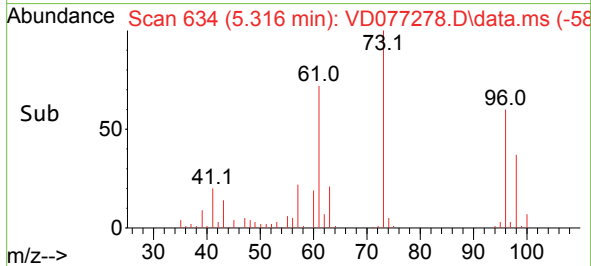
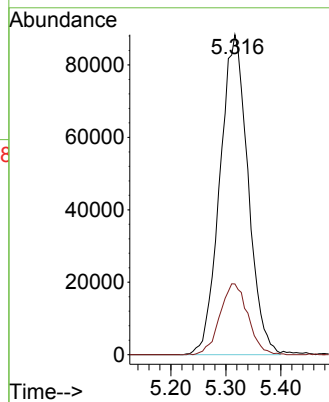
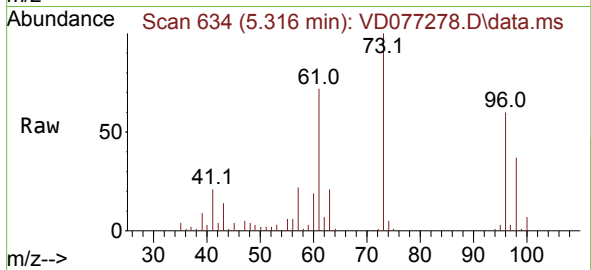
ClientSampleId :

Tgt Ion: 73 Resp: 313328

Ion Ratio Lower Upper

73 100

57 22.1 16.6 25.0



#20

Methylene Chloride

Concen: 50.015 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD077278.D

Acq: 05 Oct 2023 16:31

Tgt Ion: 84 Resp: 190737

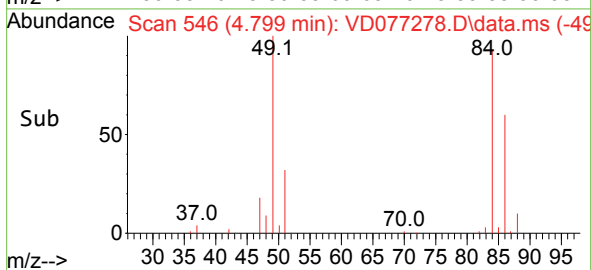
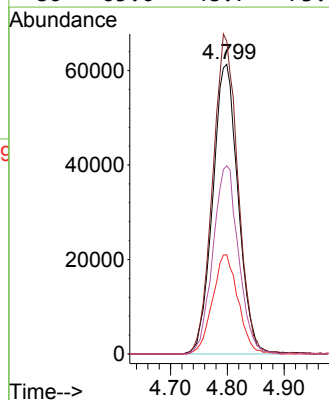
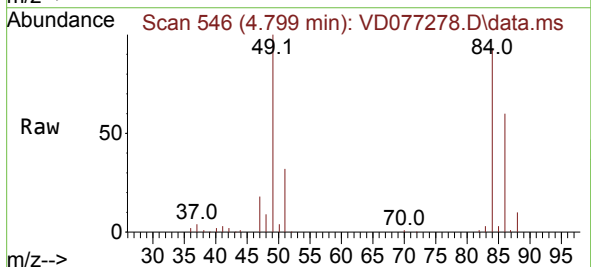
Ion Ratio Lower Upper

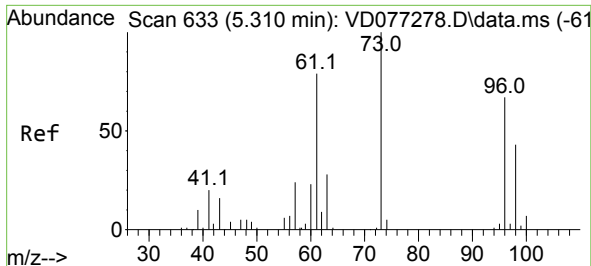
84 100

49 107.9 71.4 107.2#

51 34.2 24.5 36.7

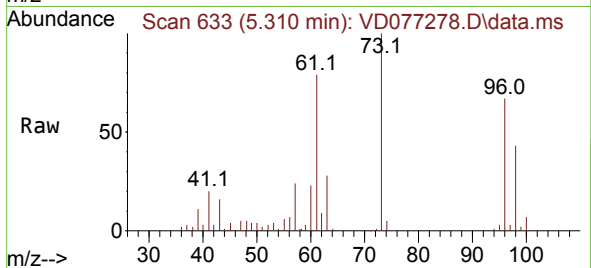
86 65.0 48.7 73.1



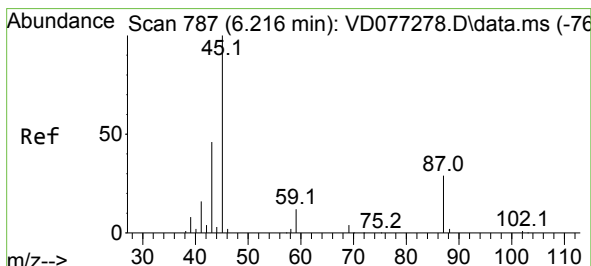
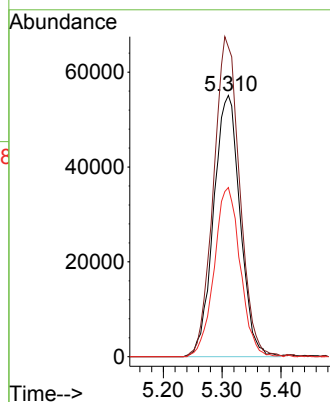
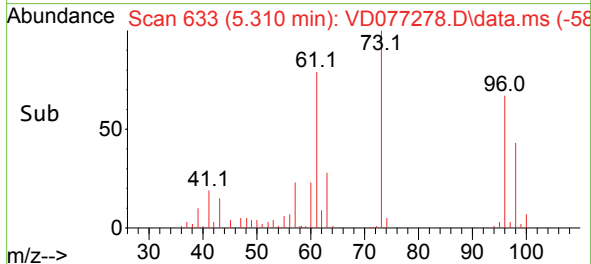


#21
trans-1,2-Dichloroethene
Concen: 49.902 ug/l
RT: 5.310 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Instrument :
MSVOA_D
ClientSampleId :

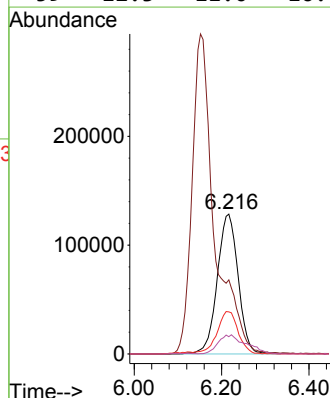
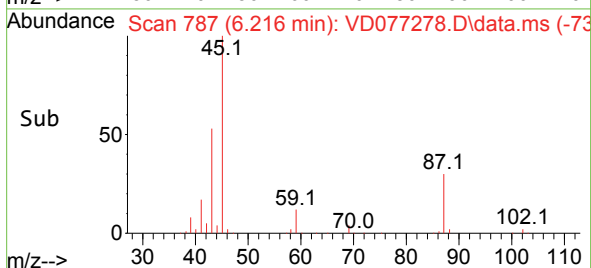
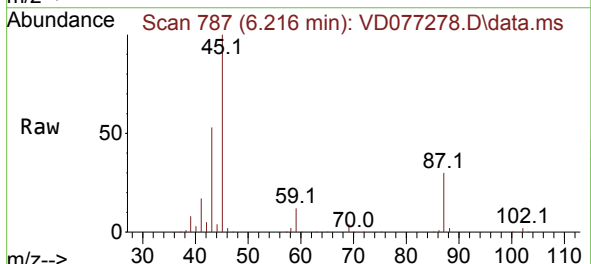


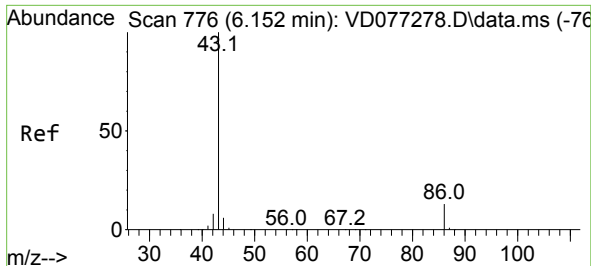
Tgt Ion: 96 Resp: 172491
Ion Ratio Lower Upper
96 100
61 118.5 89.3 133.9
98 64.7 48.6 73.0



#22
Diisopropyl ether
Concen: 52.698 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 45 Resp: 425482
Ion Ratio Lower Upper
45 100
43 52.3 40.0 60.0
87 30.0 28.2 42.4
59 12.3 11.0 16.4

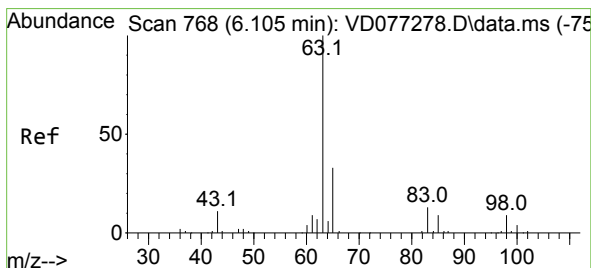
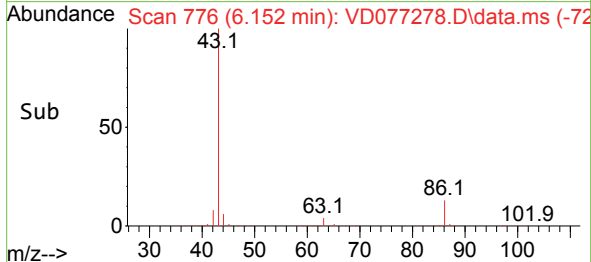
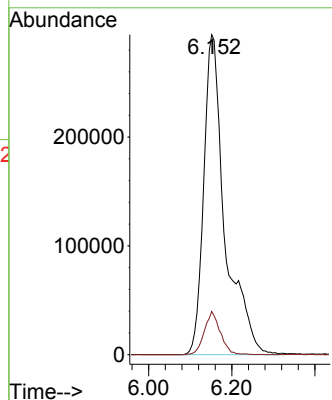
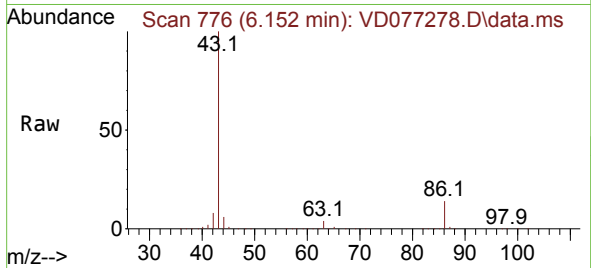




#23
 Vinyl Acetate
 Concen: 316.129 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD077278.D
 Acq: 05 Oct 2023 16:31

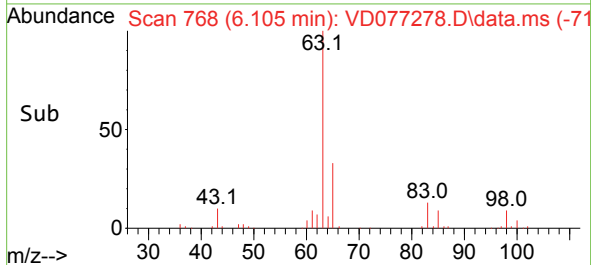
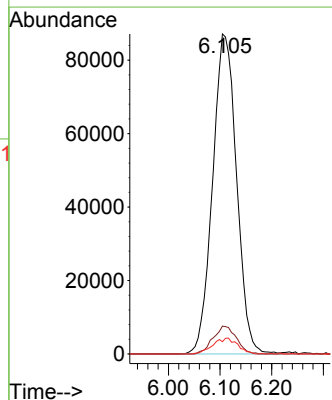
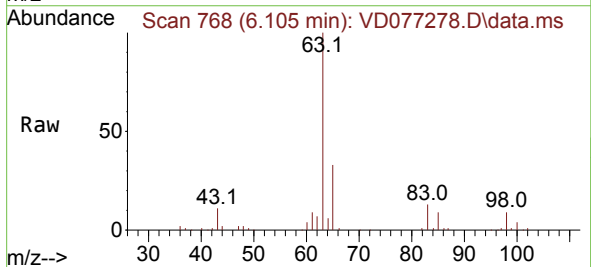
Instrument :
 MSVOA_D
 ClientSampleId :

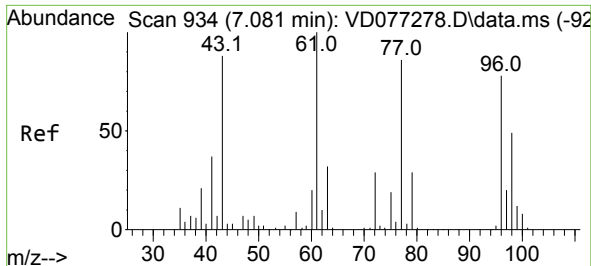
Tgt Ion: 43 Resp: 1043549
 Ion Ratio Lower Upper
 43 100
 86 13.5 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 48.802 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD077278.D
 Acq: 05 Oct 2023 16:31

Tgt Ion: 63 Resp: 280452
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.5 13.7
 100 3.8 2.5 7.5

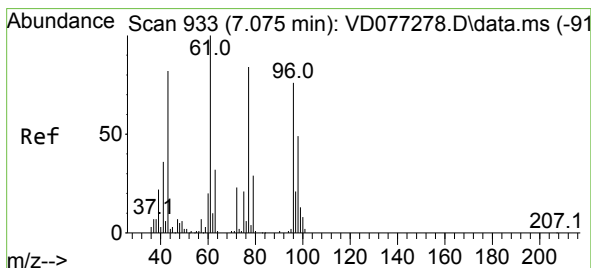
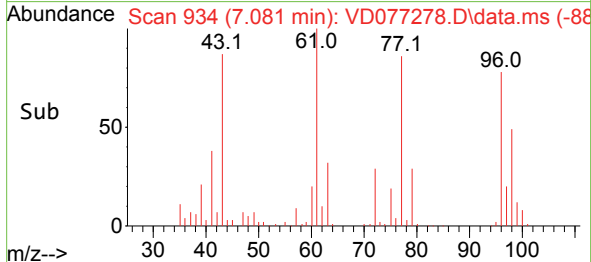
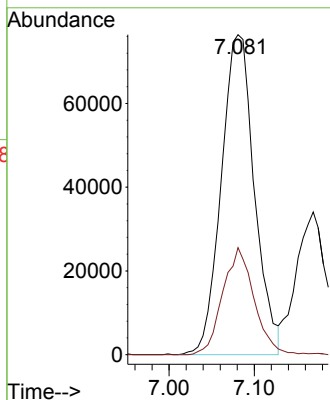
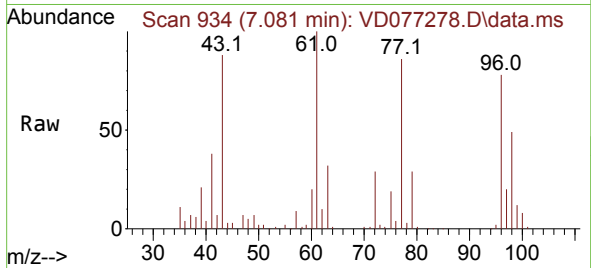




#25
2-Butanone
Concen: 254.929 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

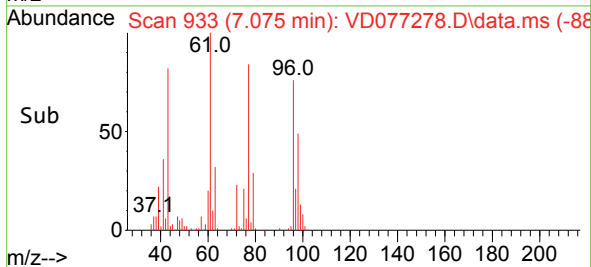
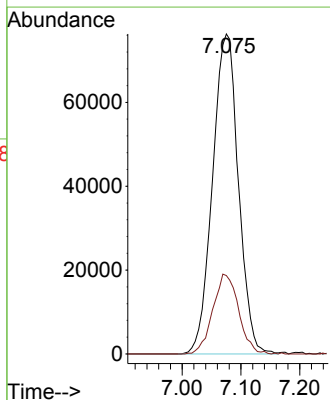
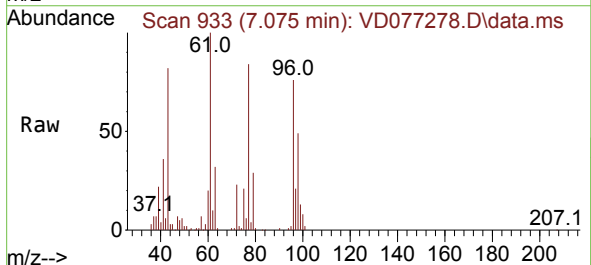
Instrument :
MSVOA_D
ClientSampleId :

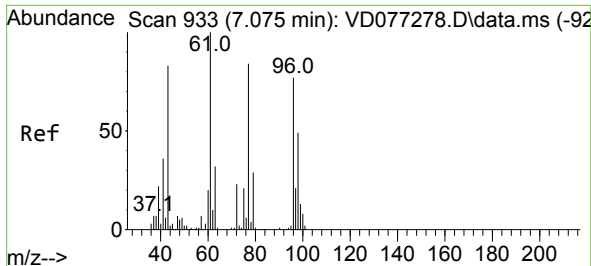
Tgt Ion: 43 Resp: 207025
Ion Ratio Lower Upper
43 100
72 33.4 30.7 46.1



#26
2,2-Dichloropropane
Concen: 47.607 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 77 Resp: 233482
Ion Ratio Lower Upper
77 100
97 24.8 13.2 39.6



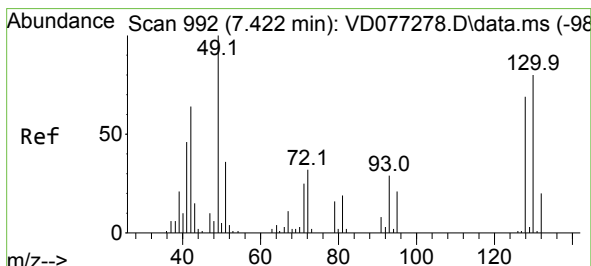
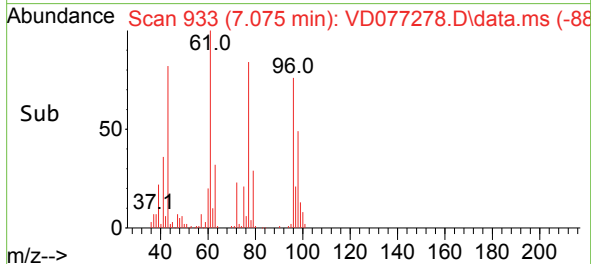
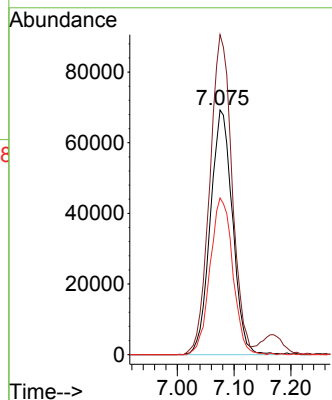
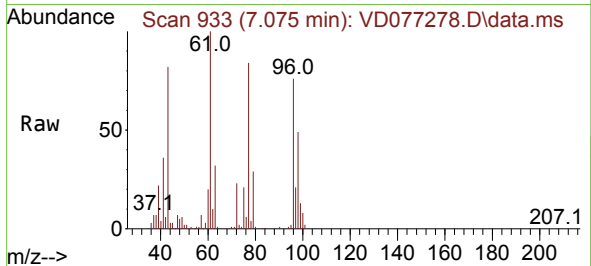


#27
 cis-1,2-Dichloroethene
 Concen: 50.743 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077278.D
 Acq: 05 Oct 2023 16:31

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 188019

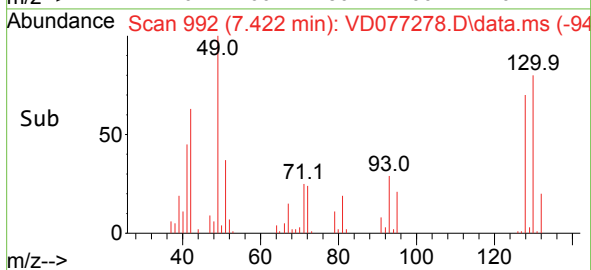
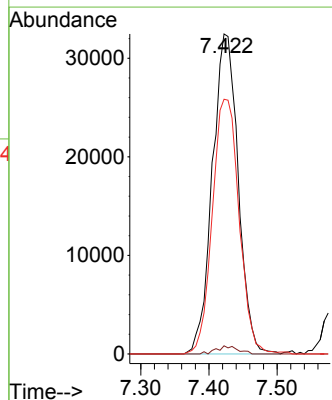
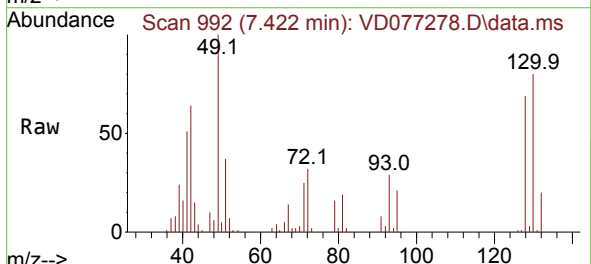
Ion	Ratio	Lower	Upper
96	100		
61	131.3	0.0	239.2
98	65.2	0.0	128.6

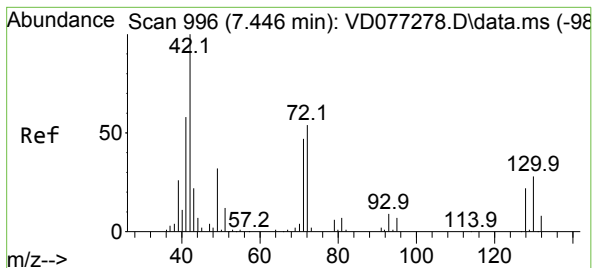


#28
 Bromochloromethane
 Concen: 50.894 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD077278.D
 Acq: 05 Oct 2023 16:31

Tgt Ion: 49 Resp: 85493

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	6.0
130	82.6	83.2	124.8





#29

Tetrahydrofuran

Concen: 260.098 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

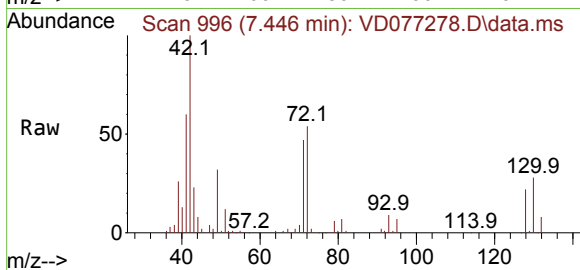
Lab File: VD077278.D

Acq: 05 Oct 2023 16:31

Instrument :

MSVOA_D

ClientSampleId :



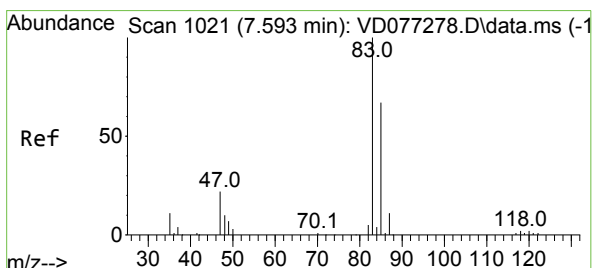
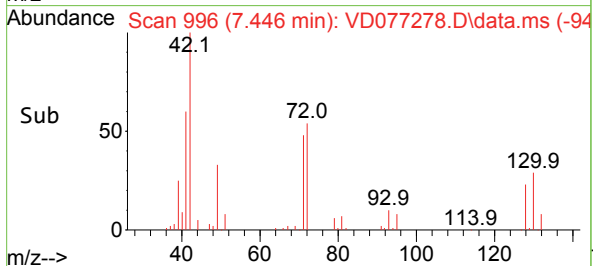
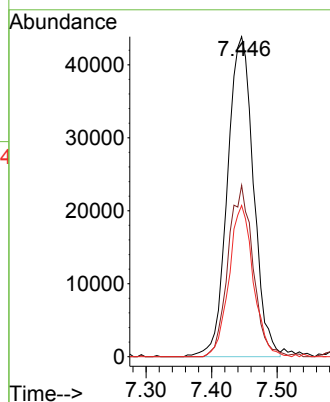
Tgt Ion: 42 Resp: 120921

Ion Ratio Lower Upper

42 100

72 51.2 46.5 69.7

71 44.2 44.5 66.7#



#30

Chloroform

Concen: 49.330 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD077278.D

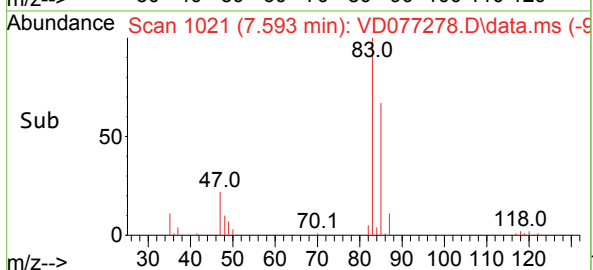
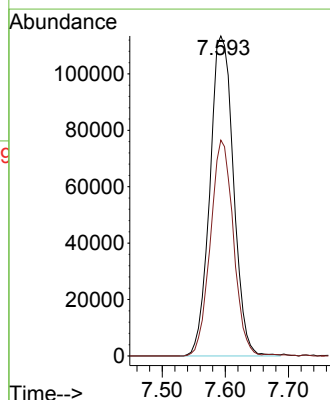
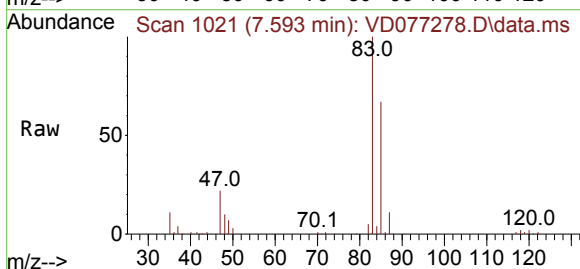
Acq: 05 Oct 2023 16:31

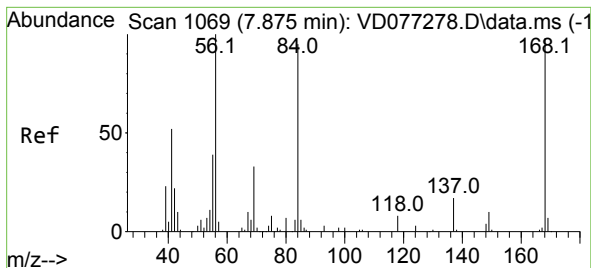
Tgt Ion: 83 Resp: 294672

Ion Ratio Lower Upper

83 100

85 67.5 53.4 80.2





#31

Cyclohexane

Concen: 48.070 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077278.D

Acq: 05 Oct 2023 16:31

Instrument :

MSVOA_D

ClientSampleId :

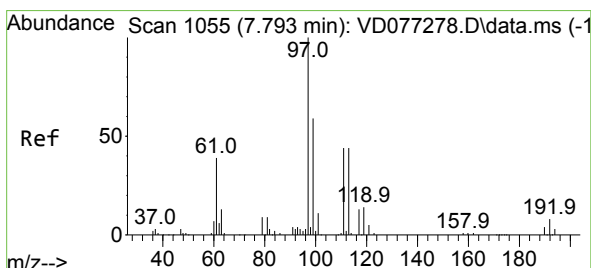
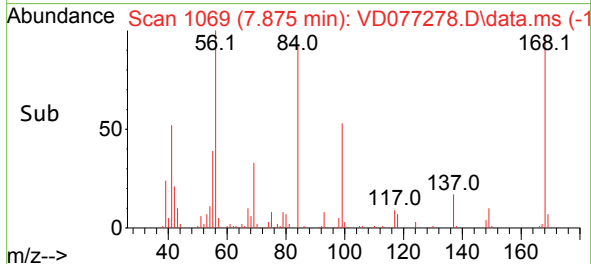
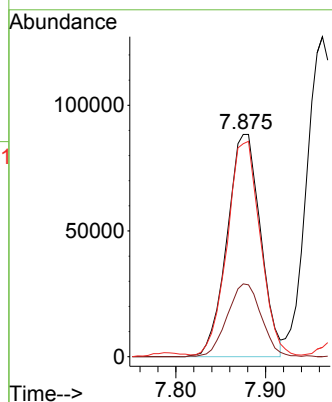
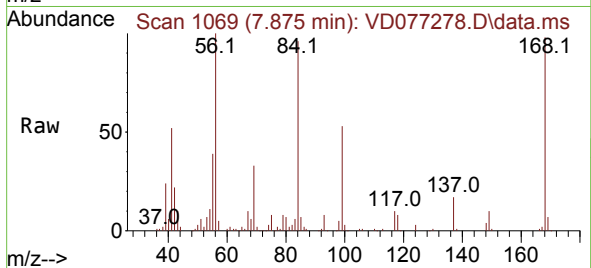
Tgt Ion: 56 Resp: 228754

Ion Ratio Lower Upper

56 100

69 32.8 28.6 43.0

84 94.7 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 49.362 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD077278.D

Acq: 05 Oct 2023 16:31

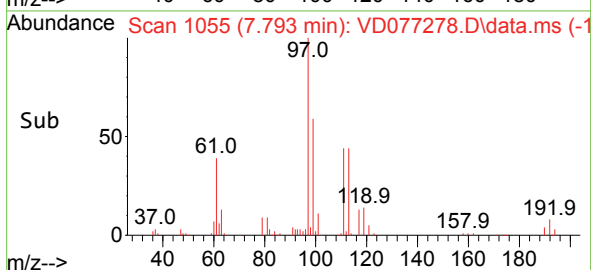
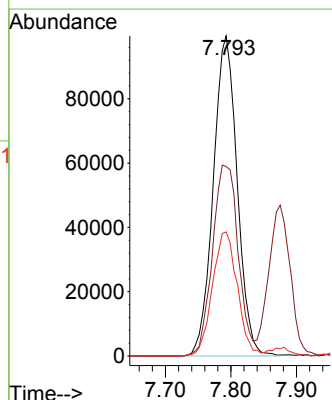
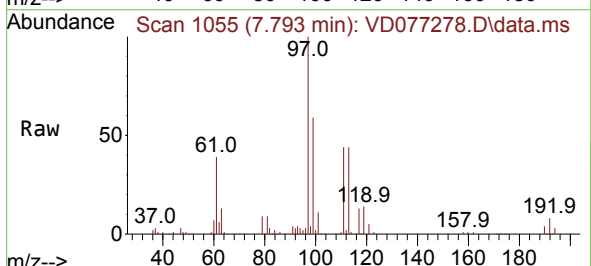
Tgt Ion: 97 Resp: 252038

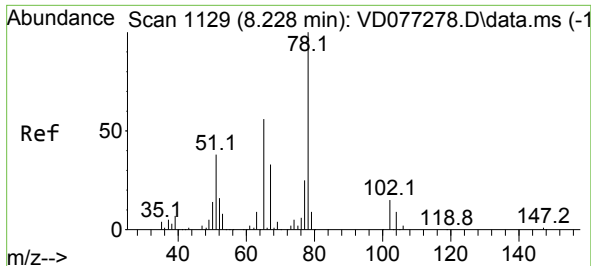
Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

61 40.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 54.254 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077278.D

Acq: 05 Oct 2023 16:31

Instrument :

MSVOA_D

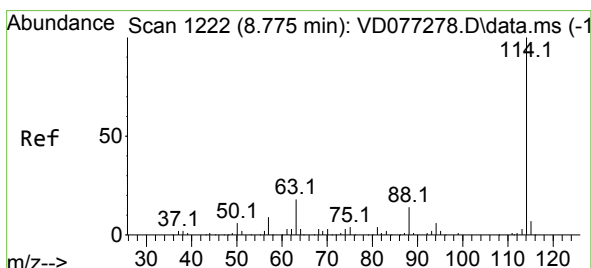
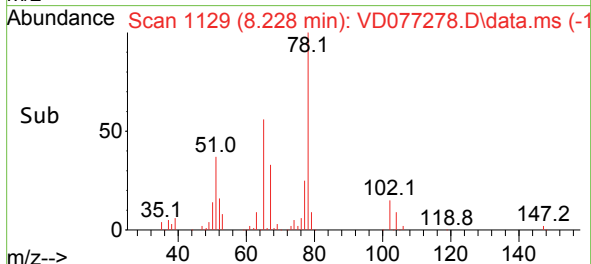
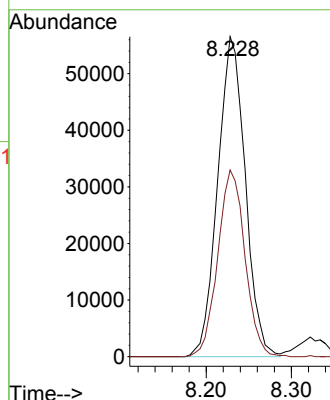
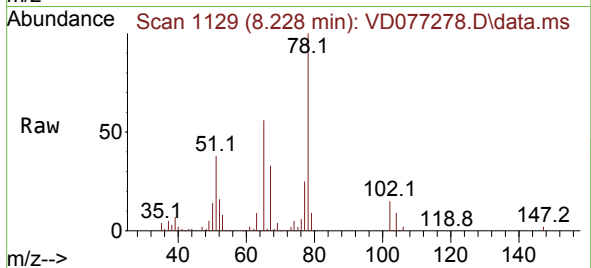
ClientSampleId :

Tgt Ion: 65 Resp: 126992

Ion Ratio Lower Upper

65 100

67 57.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077278.D

Acq: 05 Oct 2023 16:31

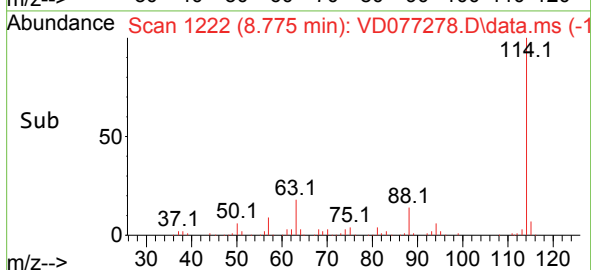
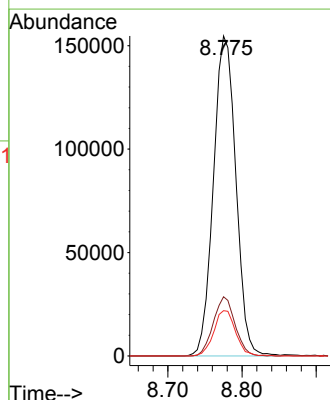
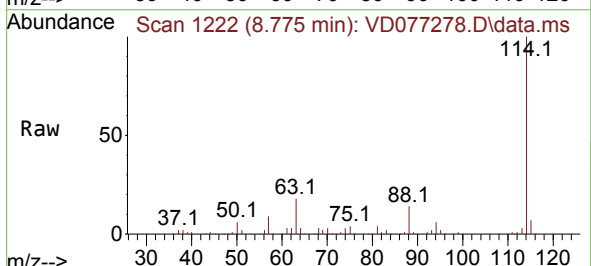
Tgt Ion: 114 Resp: 325343

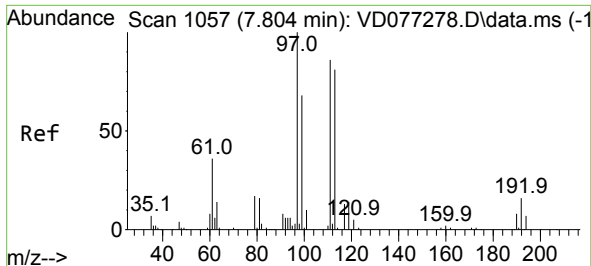
Ion Ratio Lower Upper

114 100

63 18.5 0.0 33.4

88 14.1 0.0 26.2

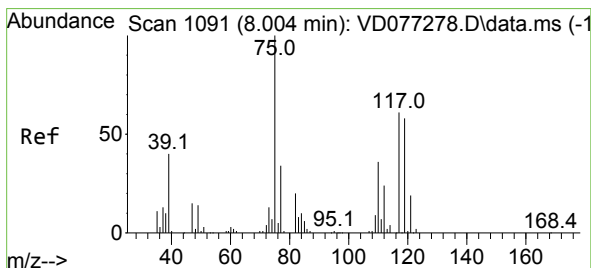
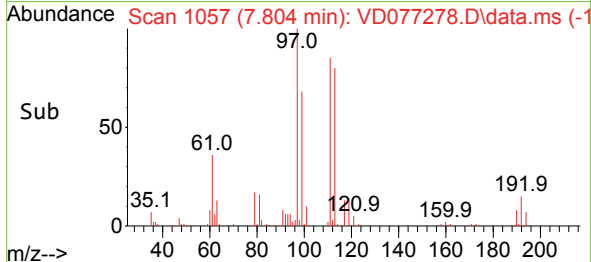
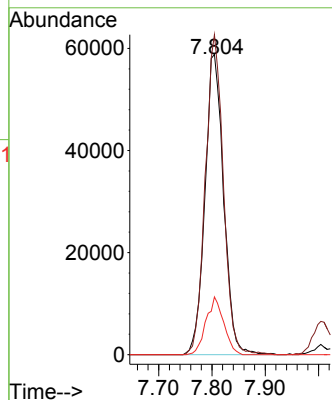
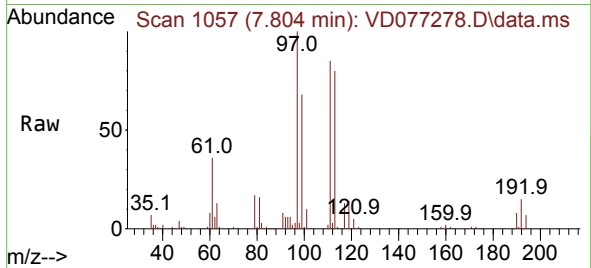




#35
Dibromofluoromethane
Concen: 52.767 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

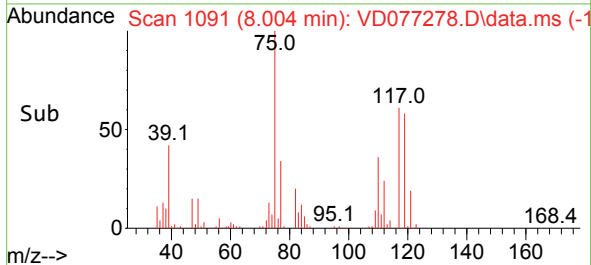
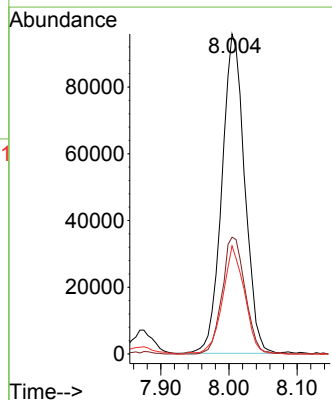
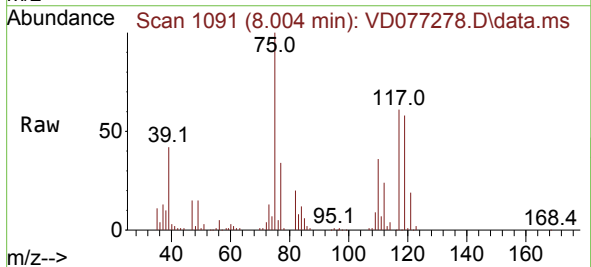
Instrument :
MSVOA_D
ClientSampleId :

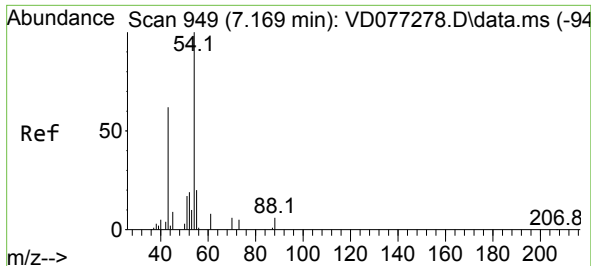
Tgt Ion:113 Resp: 143547
Ion Ratio Lower Upper
113 100
111 102.5 84.7 127.1
192 18.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 49.123 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 75 Resp: 222762
Ion Ratio Lower Upper
75 100
110 36.9 19.9 59.6
77 32.6 24.7 37.1

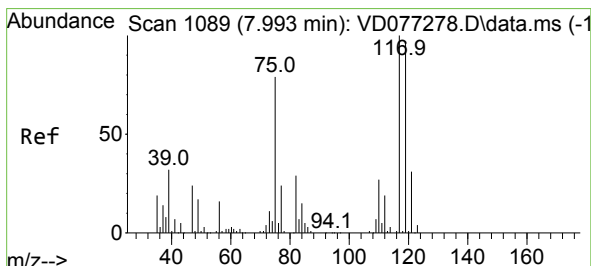
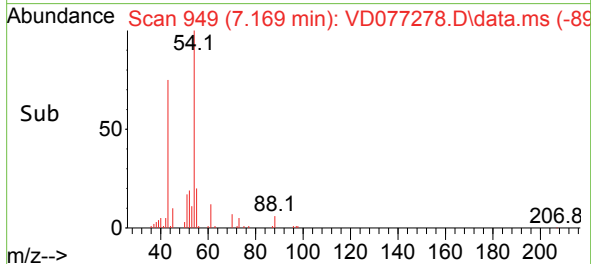
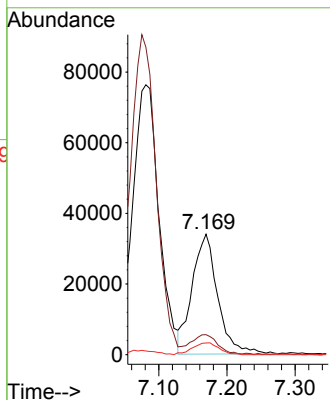
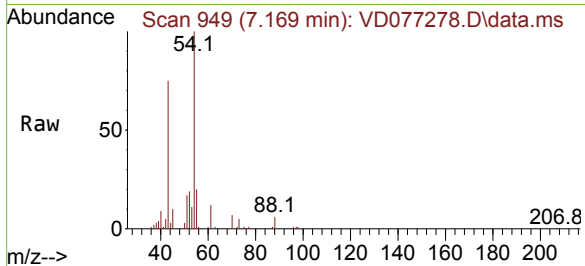




#37
Ethyl Acetate
Concen: 48.883 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

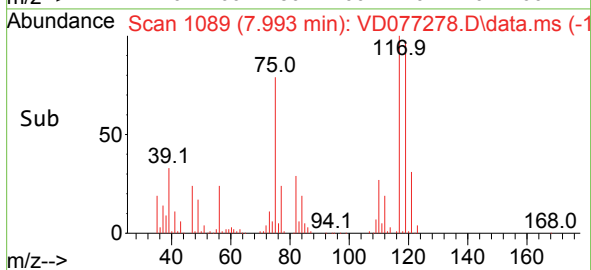
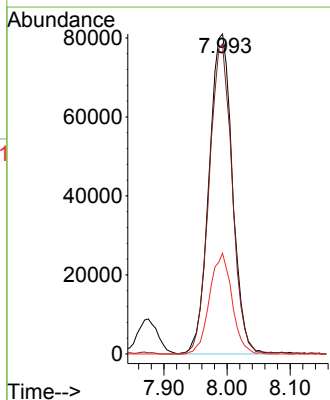
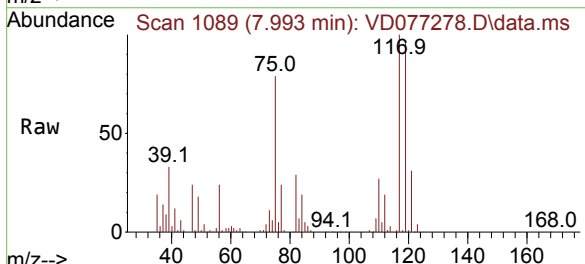
Instrument :
MSVOA_D
ClientSampleId :

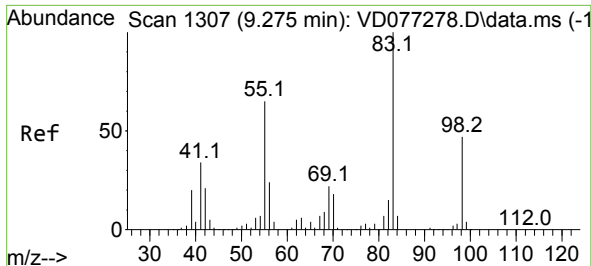
Tgt Ion: 43 Resp: 88258
Ion Ratio Lower Upper
43 100
61 16.5 14.9 22.3
70 10.3 10.0 15.0



#38
Carbon Tetrachloride
Concen: 49.648 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 117 Resp: 208356
Ion Ratio Lower Upper
117 100
119 96.9 78.0 117.0
121 31.5 24.2 36.2





#39

Methylcyclohexane

Concen: 51.377 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077278.D

Acq: 05 Oct 2023 16:31

Instrument :

MSVOA_D

ClientSampleId :

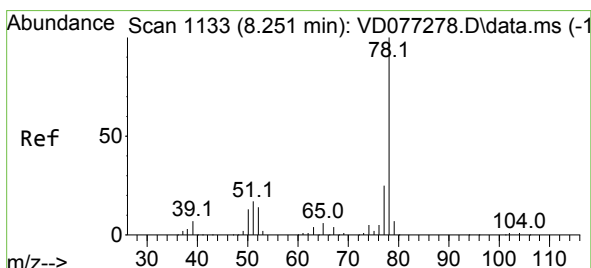
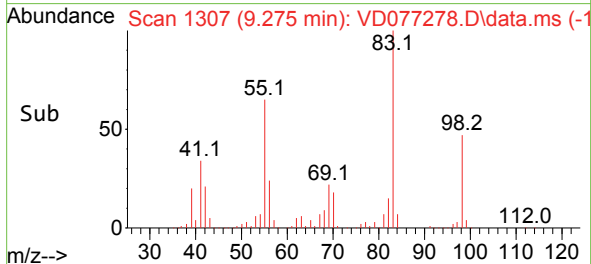
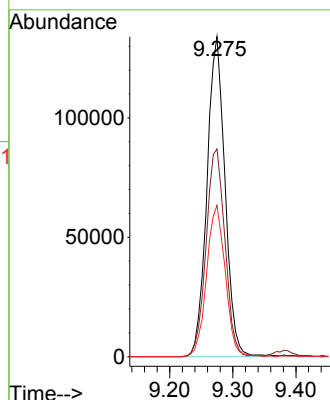
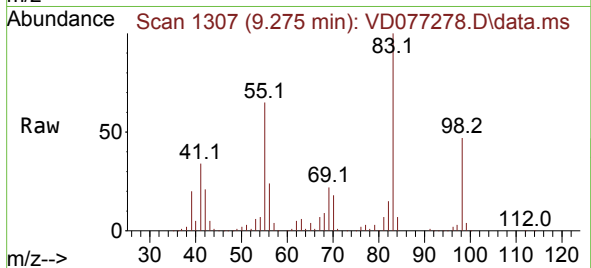
Tgt Ion: 83 Resp: 266744

Ion Ratio Lower Upper

83 100

55 64.9 49.4 74.0

98 47.3 38.4 57.6



#40

Benzene

Concen: 50.691 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077278.D

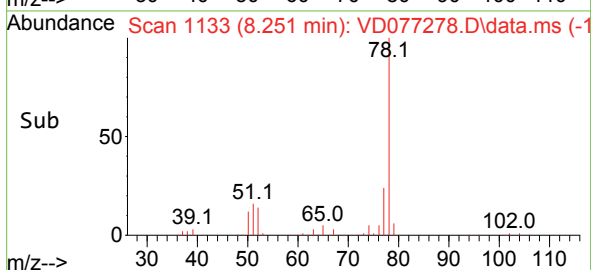
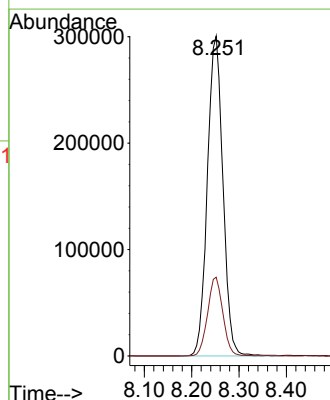
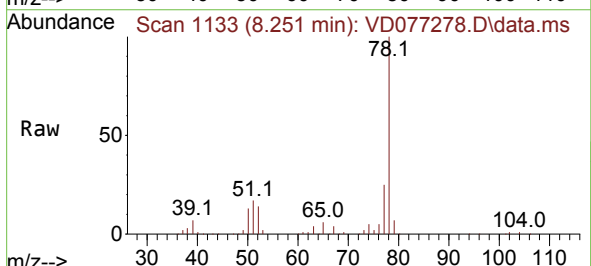
Acq: 05 Oct 2023 16:31

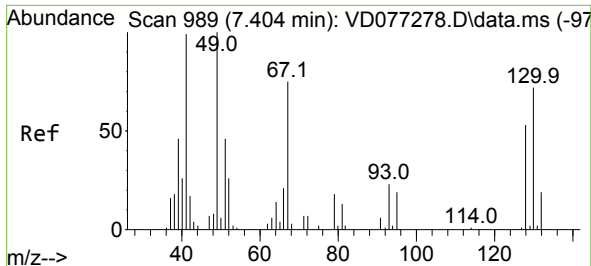
Tgt Ion: 78 Resp: 684790

Ion Ratio Lower Upper

78 100

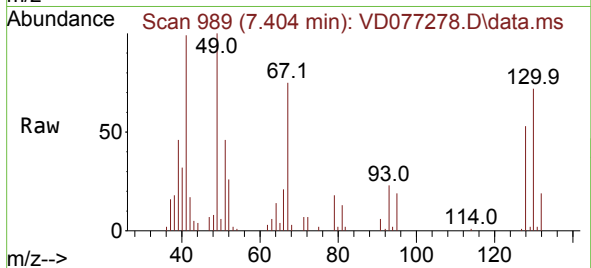
77 24.6 19.4 29.0



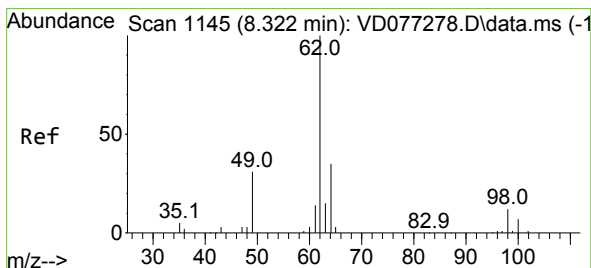
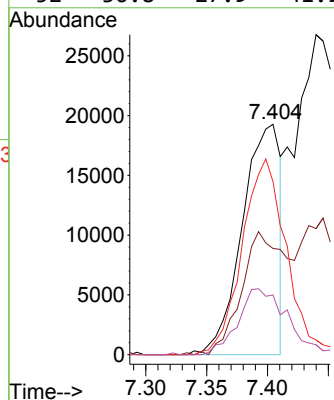
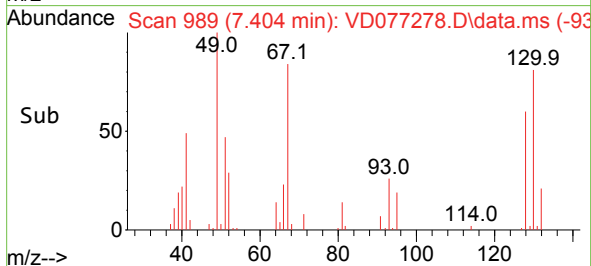


#41
Methacrylonitrile
Concen: 45.395 ug/l
RT: 7.404 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Instrument :
MSVOA_D
ClientSampleId :

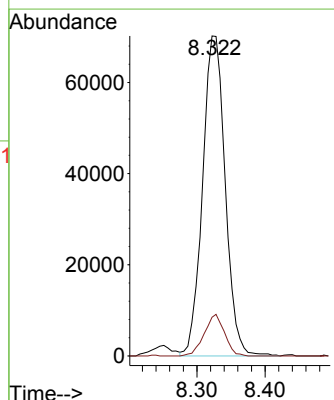
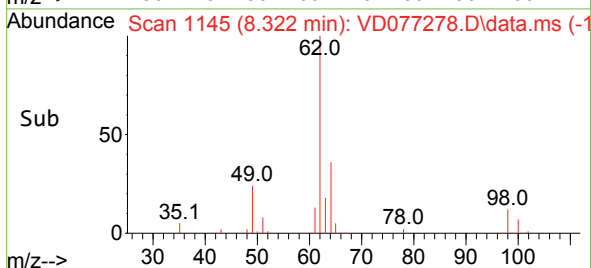
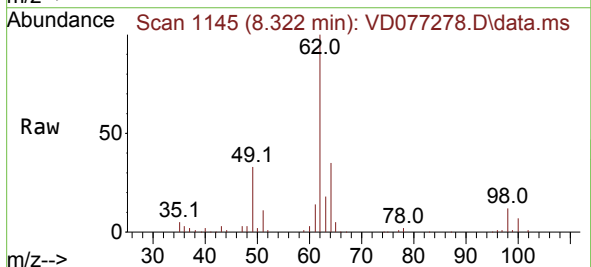


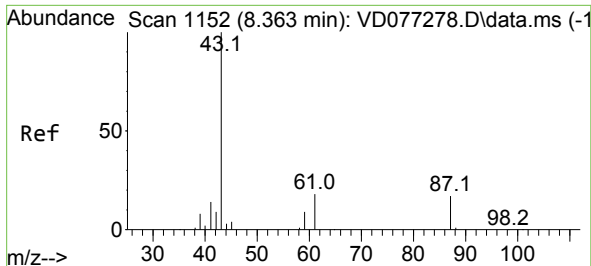
Tgt Ion: 41 Resp: 42012
Ion Ratio Lower Upper
41 100
39 65.4 34.0 51.0#
67 98.7 77.0 115.4
52 36.8 27.9 41.9



#42
1,2-Dichloroethane
Concen: 50.691 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 62 Resp: 162331
Ion Ratio Lower Upper
62 100
98 11.6 0.0 25.4

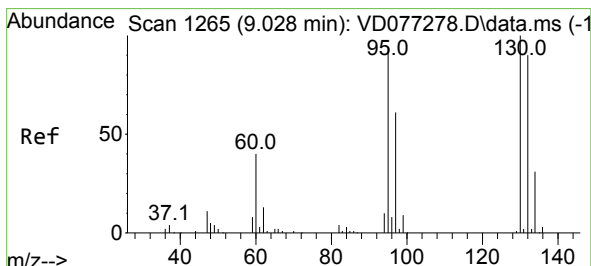
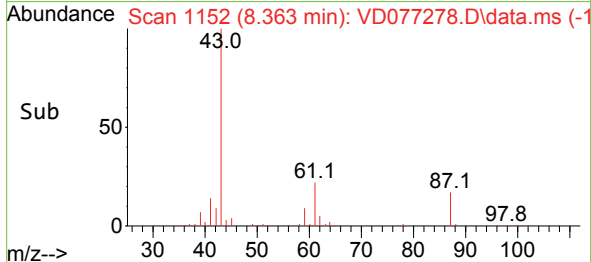
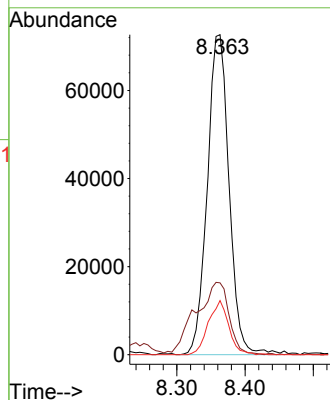
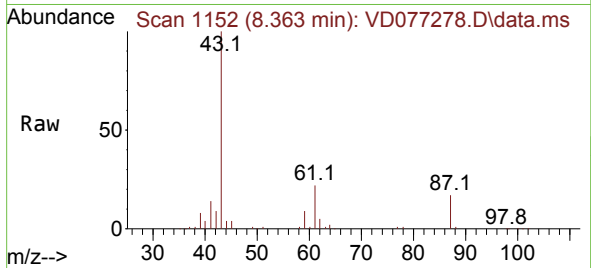




#43
Isopropyl Acetate
Concen: 50.721 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

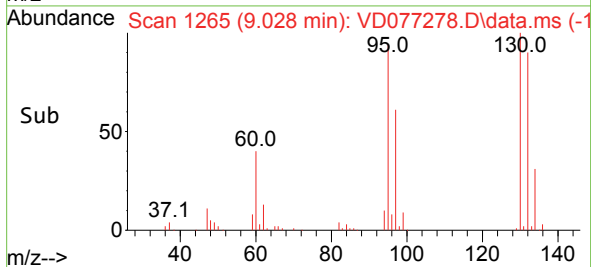
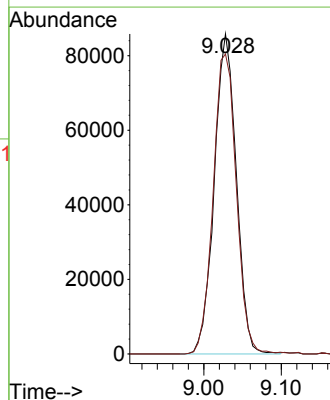
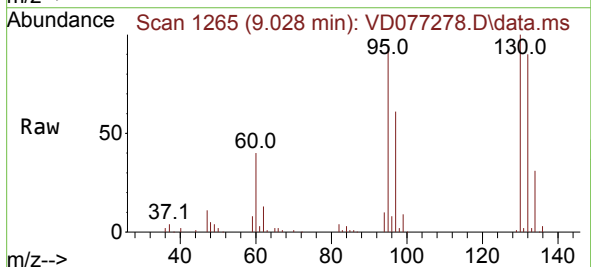
Instrument :
MSVOA_D
ClientSampleId :

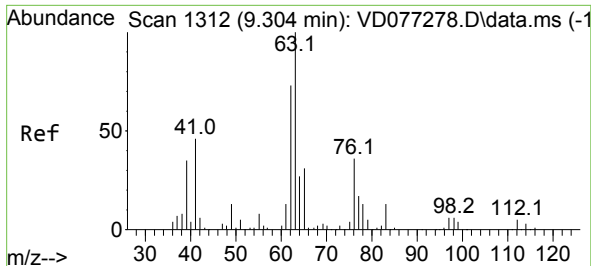
Tgt Ion: 43 Resp: 161547
Ion Ratio Lower Upper
43 100
61 34.5 31.4 47.0
87 15.9 14.9 22.3



#44
Trichloroethene
Concen: 49.152 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion:130 Resp: 169961
Ion Ratio Lower Upper
130 100
95 93.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 51.073 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077278.D

Acq: 05 Oct 2023 16:31

Instrument :

MSVOA_D

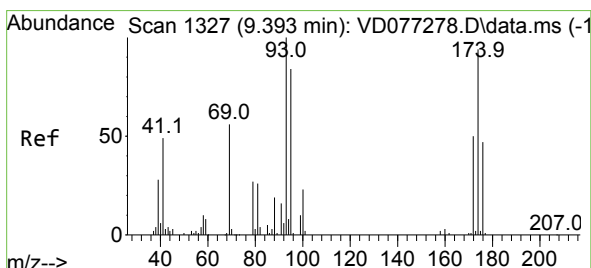
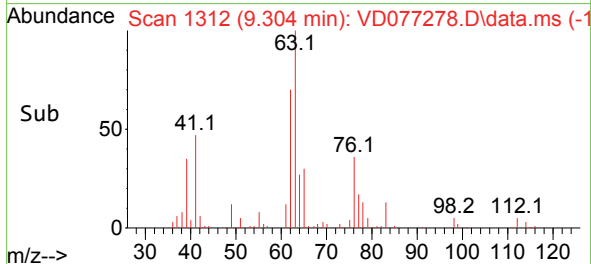
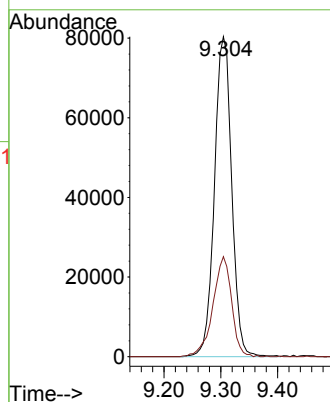
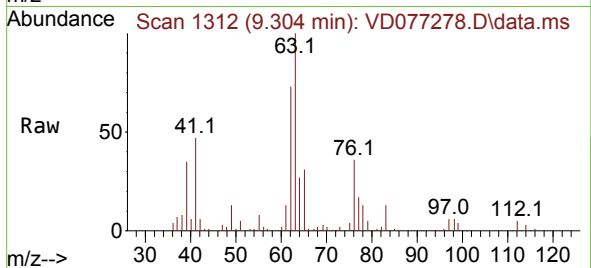
ClientSampleId :

Tgt Ion: 63 Resp: 169743

Ion Ratio Lower Upper

63 100

65 31.2 24.5 36.7



#46

Dibromomethane

Concen: 49.663 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077278.D

Acq: 05 Oct 2023 16:31

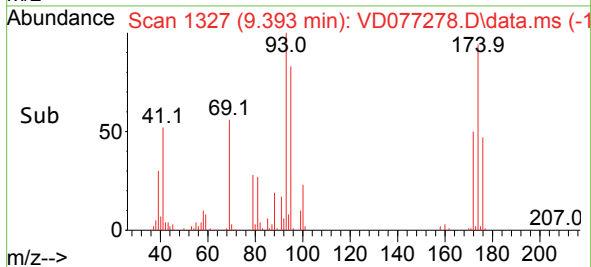
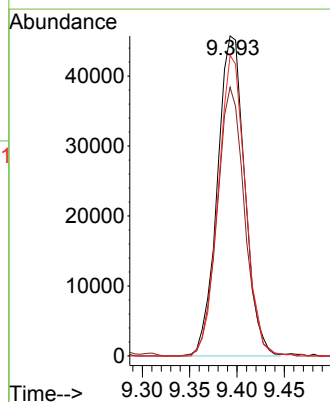
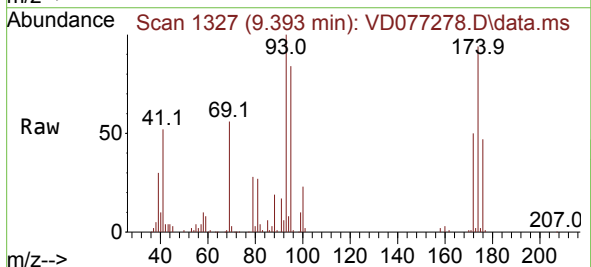
Tgt Ion: 93 Resp: 92052

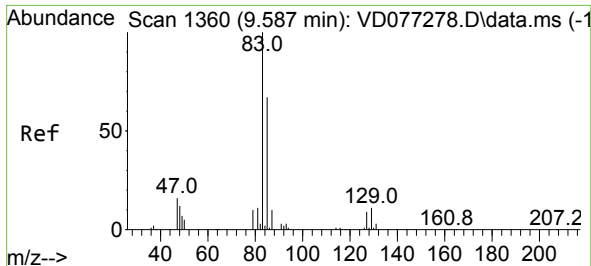
Ion Ratio Lower Upper

93 100

95 83.9 67.7 101.5

174 92.8 85.4 128.2

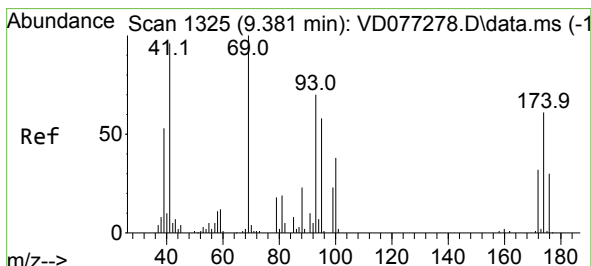
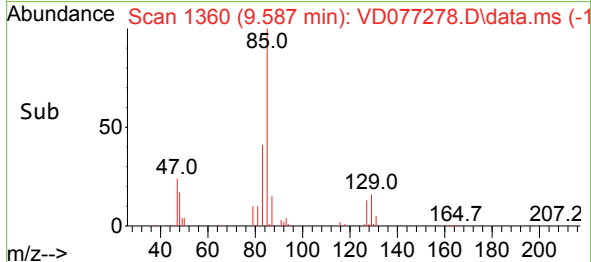
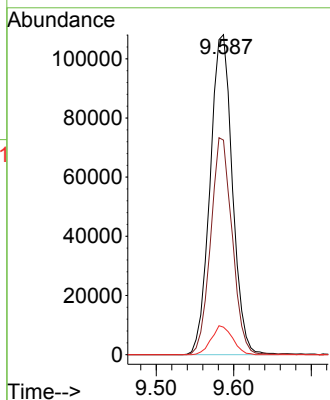
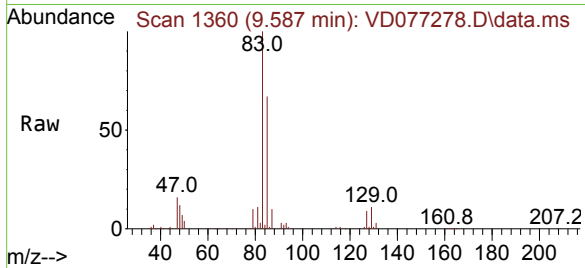




#47
 Bromodichloromethane
 Concen: 50.287 ug/l
 RT: 9.587 min Scan# 1360
 Delta R.T. 0.000 min
 Lab File: VD077278.D
 Acq: 05 Oct 2023 16:31

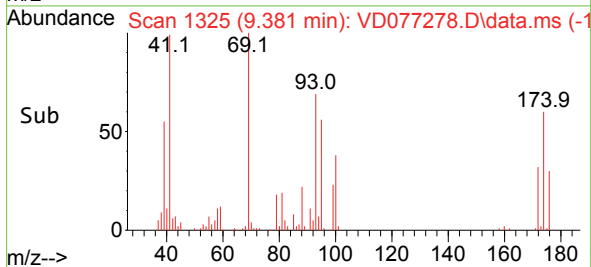
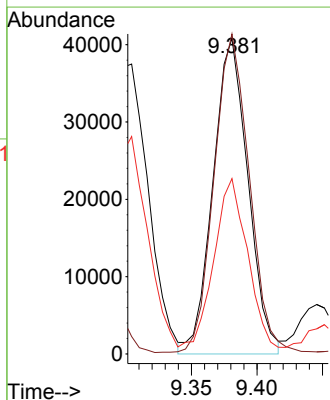
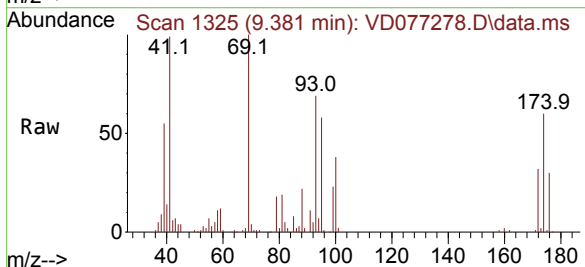
Instrument :
 MSVOA_D
 ClientSampleId :

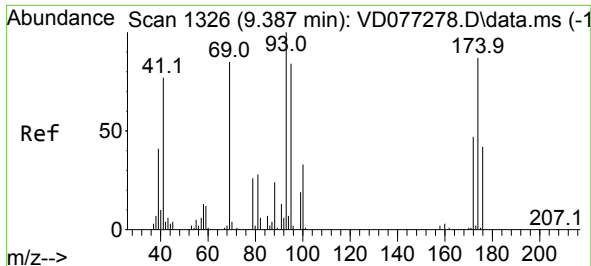
Tgt Ion: 83 Resp: 216057
 Ion Ratio Lower Upper
 83 100
 85 67.1 50.2 75.4
 127 8.6 6.3 9.5



#48
 Methyl methacrylate
 Concen: 51.293 ug/l
 RT: 9.381 min Scan# 1325
 Delta R.T. 0.000 min
 Lab File: VD077278.D
 Acq: 05 Oct 2023 16:31

Tgt Ion: 41 Resp: 75679
 Ion Ratio Lower Upper
 41 100
 69 101.2 102.2 153.2#
 39 51.7 41.4 62.2





#49

1,4-Dioxane

Concen: 1085.999 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

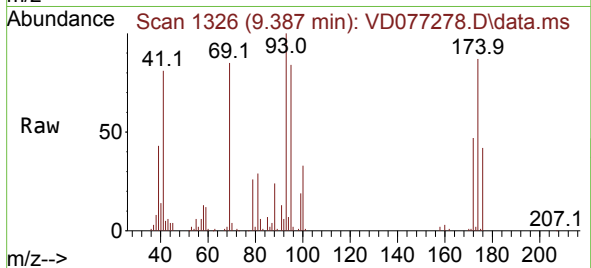
Lab File: VD077278.D

Acq: 05 Oct 2023 16:31

Instrument :

MSVOA_D

ClientSampleId :



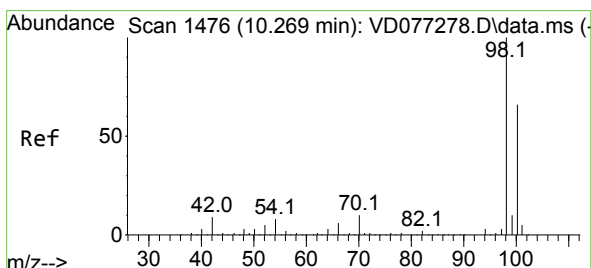
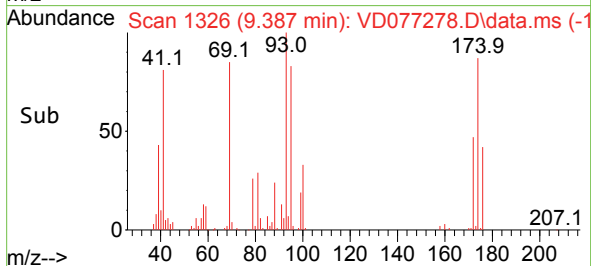
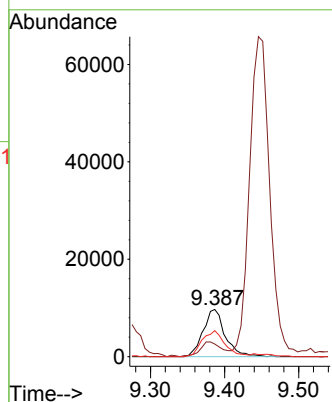
Tgt Ion: 88 Resp: 20039

Ion Ratio Lower Upper

88 100

43 31.9 19.0 28.6#

58 57.4 43.5 65.3



#50

Toluene-d8

Concen: 56.449 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077278.D

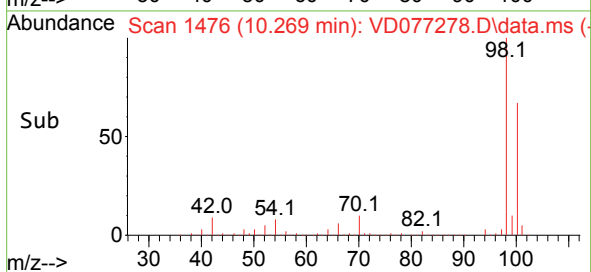
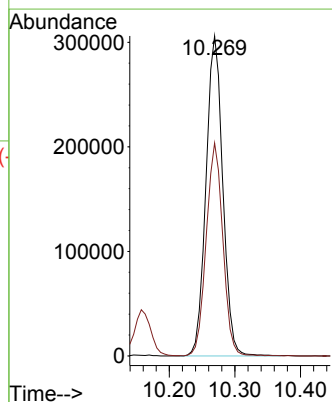
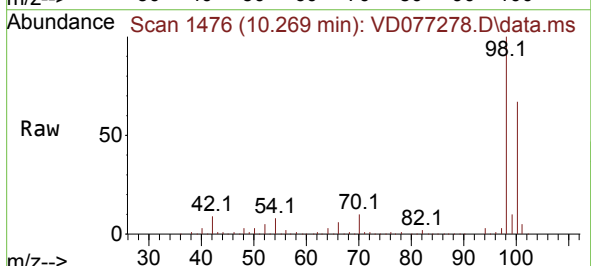
Acq: 05 Oct 2023 16:31

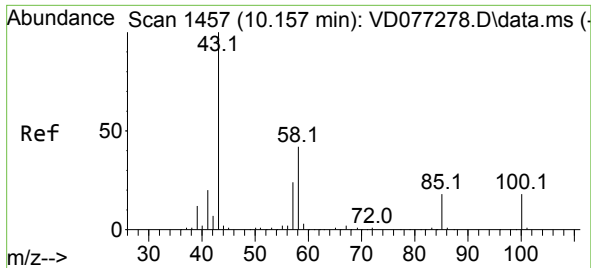
Tgt Ion: 98 Resp: 545525

Ion Ratio Lower Upper

98 100

100 65.8 50.3 75.5

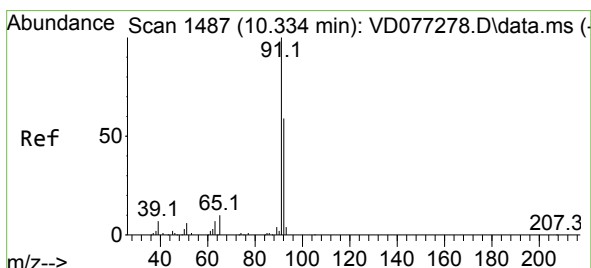
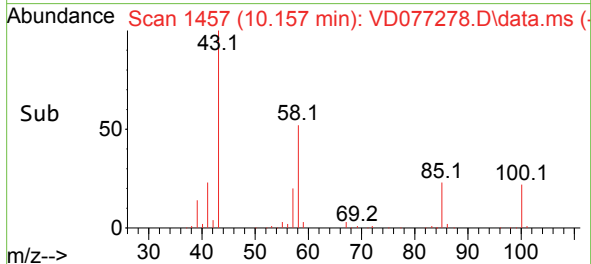
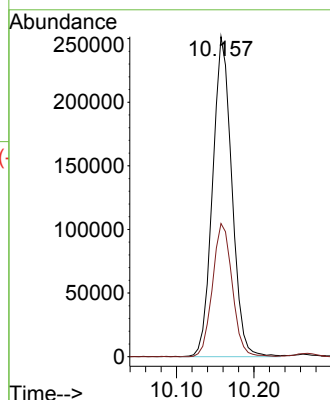
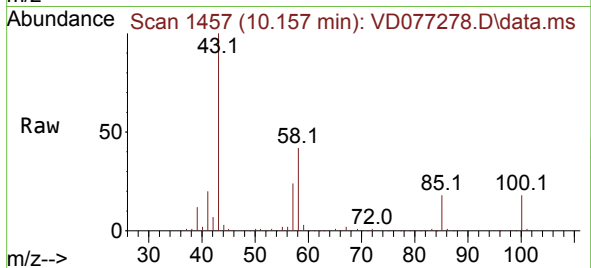




#51
4-Methyl-2-Pentanone
Concen: 263.254 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

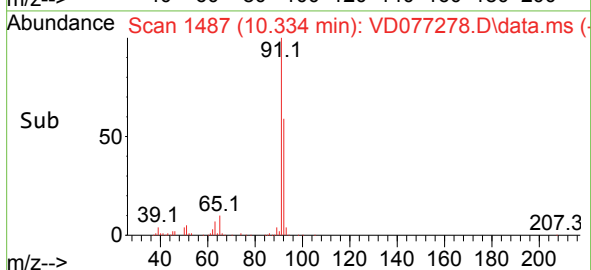
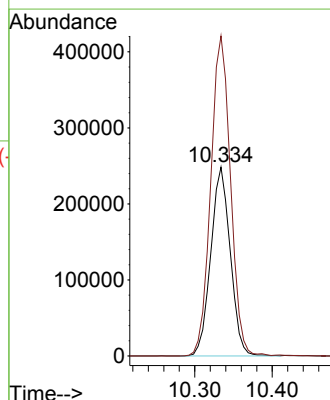
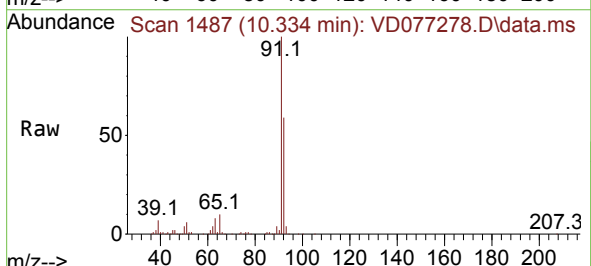
Instrument :
MSVOA_D
ClientSampleId :

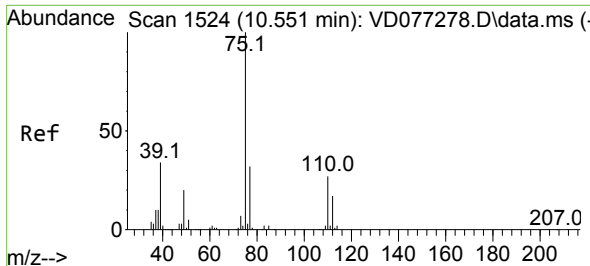
Tgt Ion: 43 Resp: 435096
Ion Ratio Lower Upper
43 100
58 42.6 38.9 58.3



#52
Toluene
Concen: 52.321 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 92 Resp: 433342
Ion Ratio Lower Upper
92 100
91 172.1 143.0 214.4

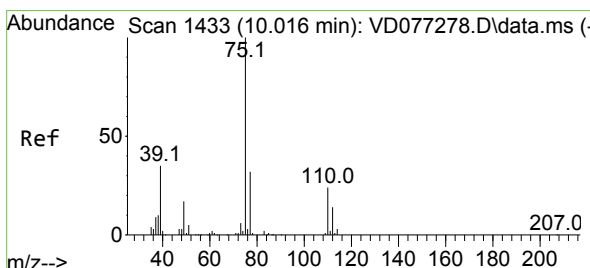
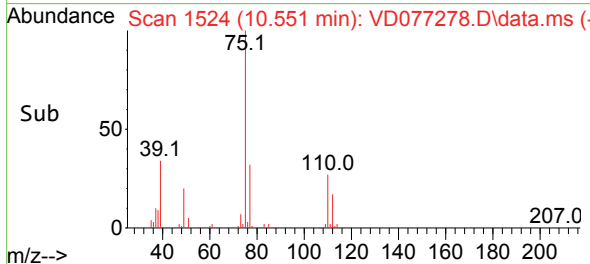
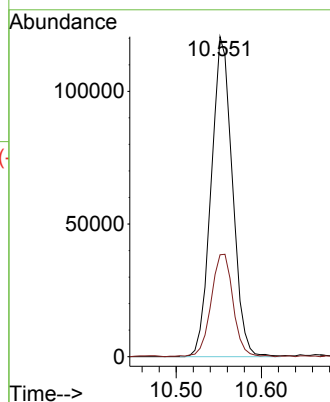
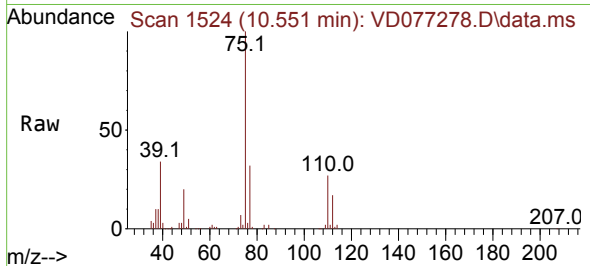




#53
 t-1,3-Dichloropropene
 Concen: 50.804 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD077278.D
 Acq: 05 Oct 2023 16:31

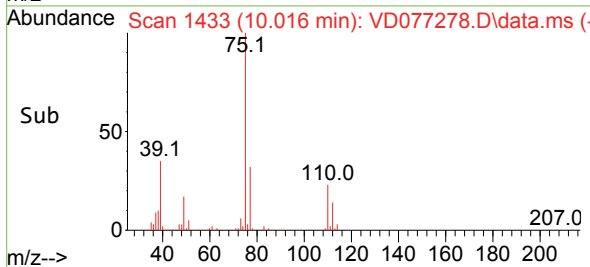
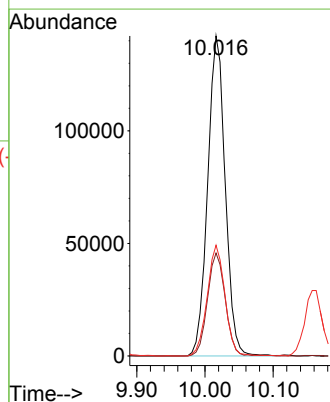
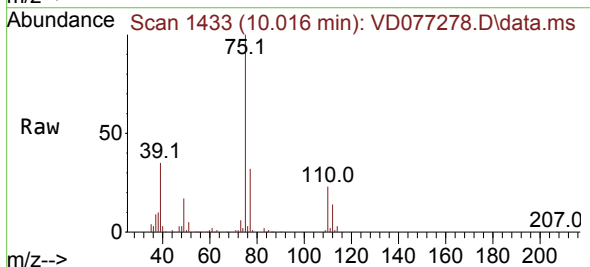
Instrument :
 MSVOA_D
 ClientSampleId :

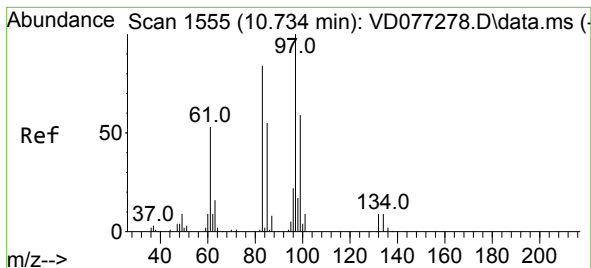
Tgt Ion: 75 Resp: 208767
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 51.685 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077278.D
 Acq: 05 Oct 2023 16:31

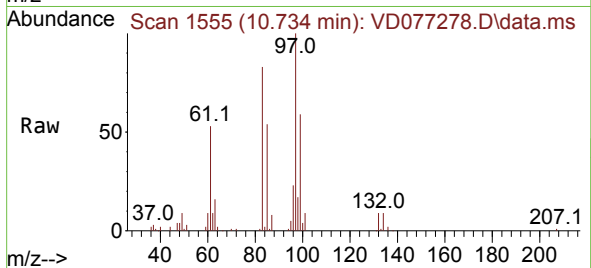
Tgt Ion: 75 Resp: 254930
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.5 38.3
 39 34.6 22.1 33.1#





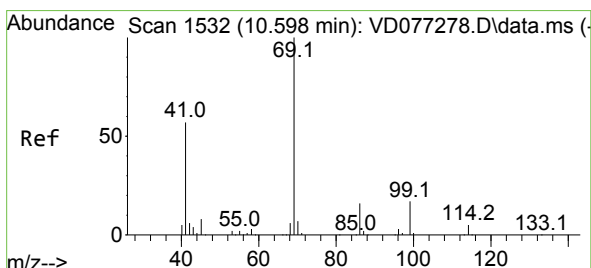
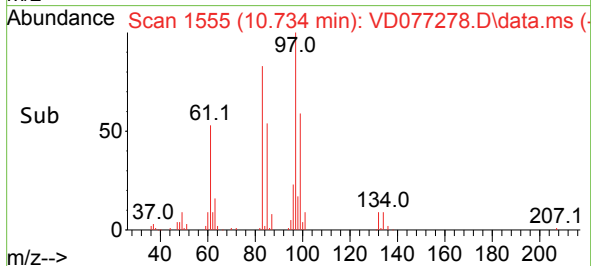
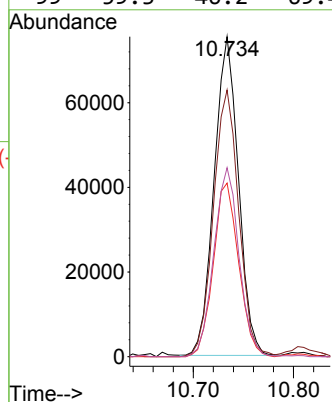
#55
 1,1,2-Trichloroethane
 Concen: 50.041 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: VD077278.D
 Acq: 05 Oct 2023 16:31

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 97 Resp: 126524

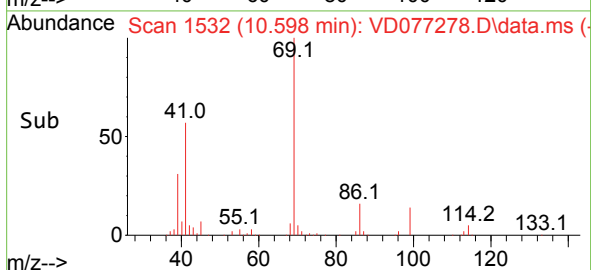
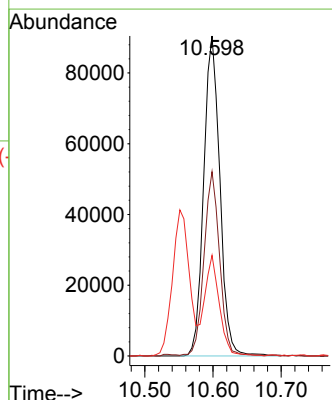
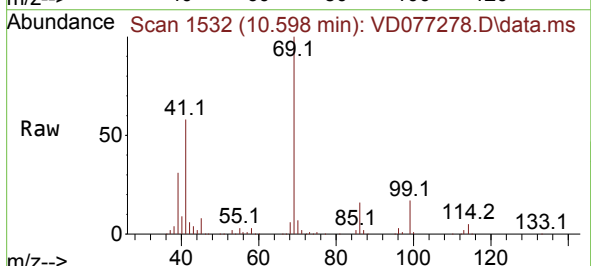
Ion	Ratio	Lower	Upper
97	100		
83	83.7	65.8	98.6
85	54.5	45.7	68.5
99	59.3	46.2	69.4

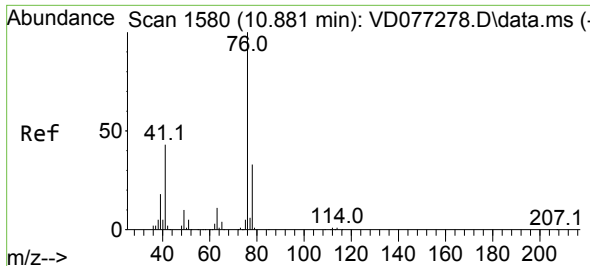


#56
 Ethyl methacrylate
 Concen: 54.071 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD077278.D
 Acq: 05 Oct 2023 16:31

Tgt Ion: 69 Resp: 149086

Ion	Ratio	Lower	Upper
69	100		
41	54.8	39.1	58.7
39	29.4	20.0	30.0





#57

1,3-Dichloropropane

Concen: 50.546 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077278.D

Acq: 05 Oct 2023 16:31

Instrument :

MSVOA_D

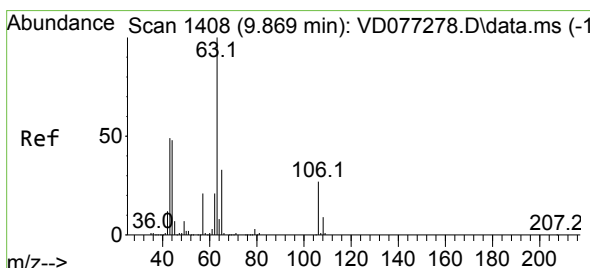
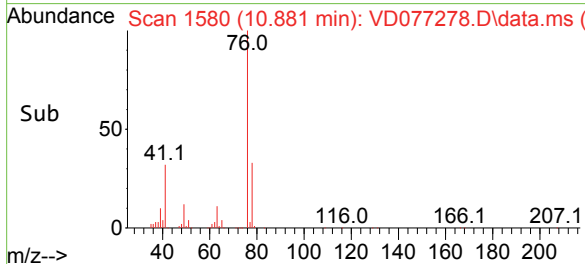
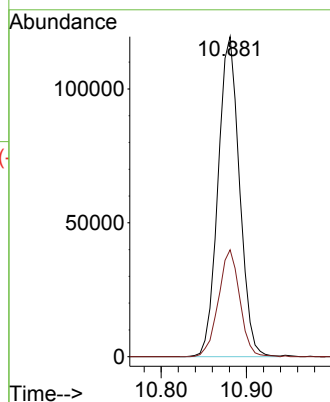
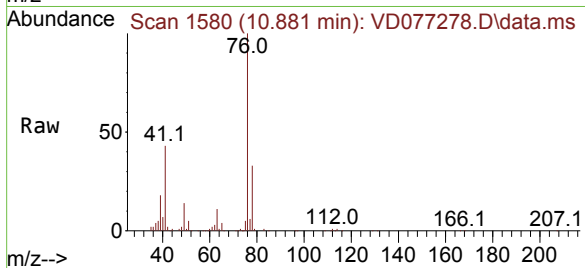
ClientSampleId :

Tgt Ion: 76 Resp: 208900

Ion Ratio Lower Upper

76 100

78 33.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 251.813 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077278.D

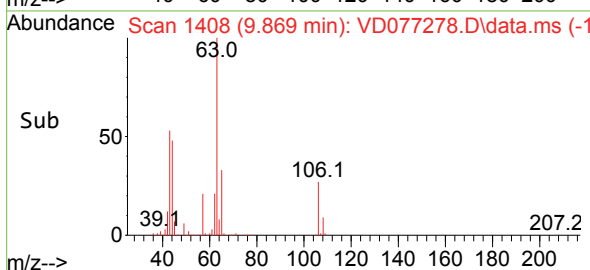
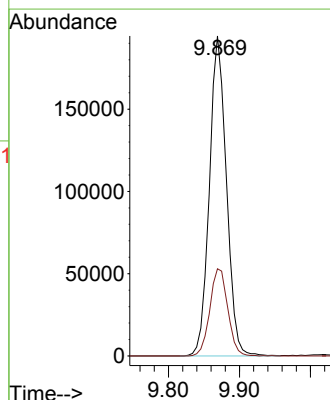
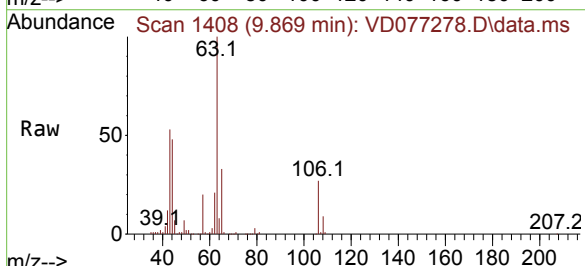
Acq: 05 Oct 2023 16:31

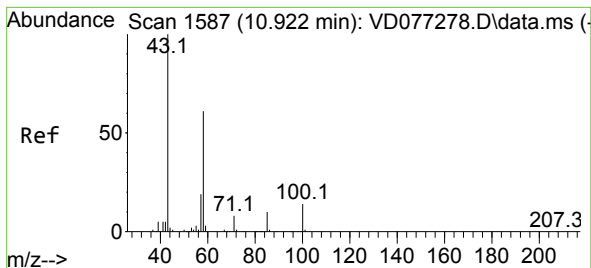
Tgt Ion: 63 Resp: 324343

Ion Ratio Lower Upper

63 100

106 28.6 25.3 37.9

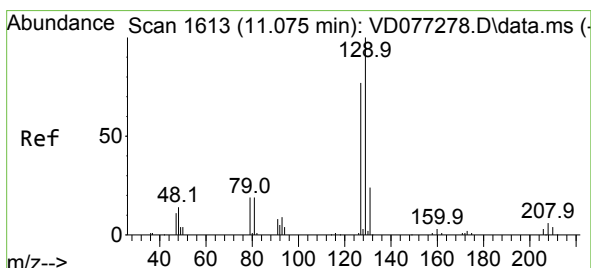
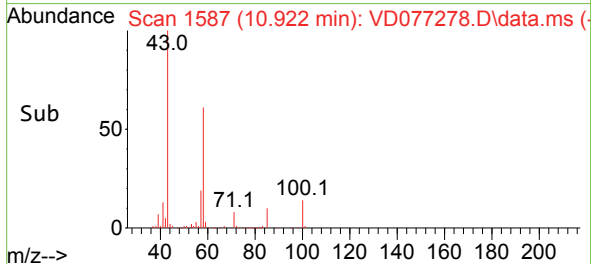
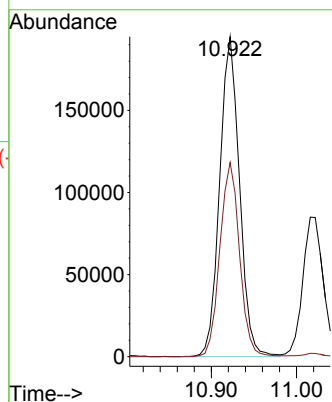
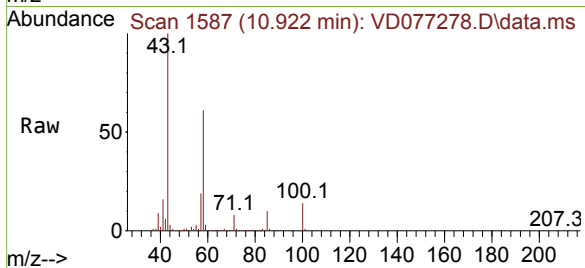




#59
2-Hexanone
Concen: 266.449 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

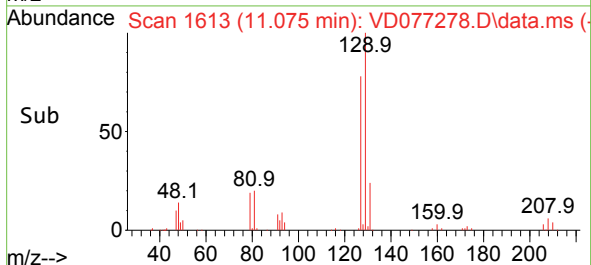
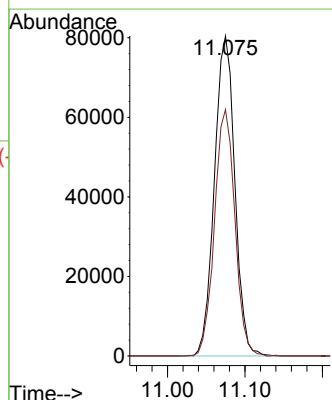
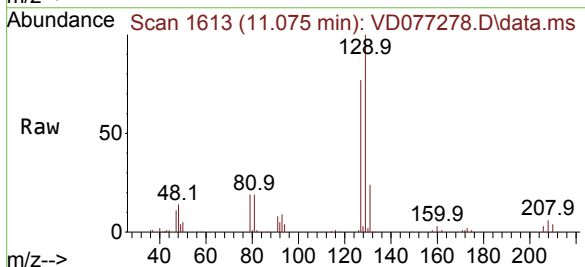
Instrument :
MSVOA_D
ClientSampleId :

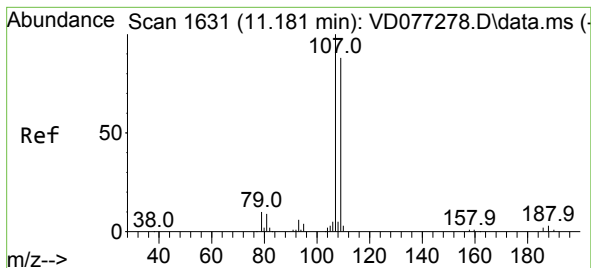
Tgt Ion: 43 Resp: 315316
Ion Ratio Lower Upper
43 100
58 60.2 34.1 102.2



#60
Dibromochloromethane
Concen: 50.890 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 129 Resp: 147288
Ion Ratio Lower Upper
129 100
127 77.0 37.1 111.5

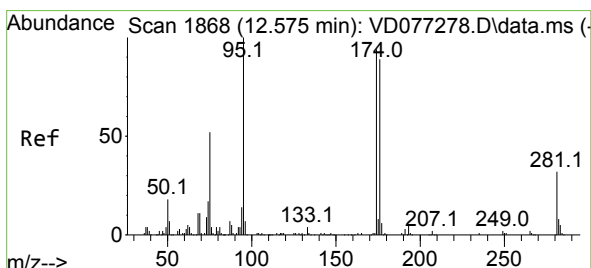
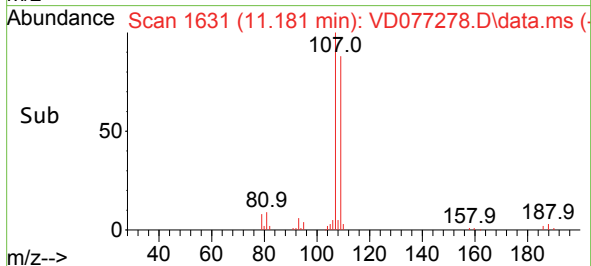
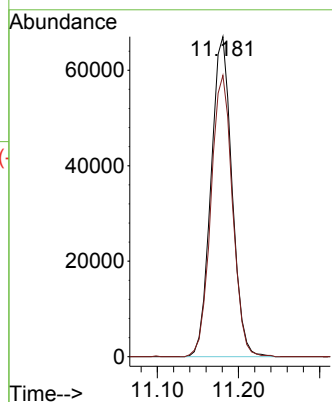
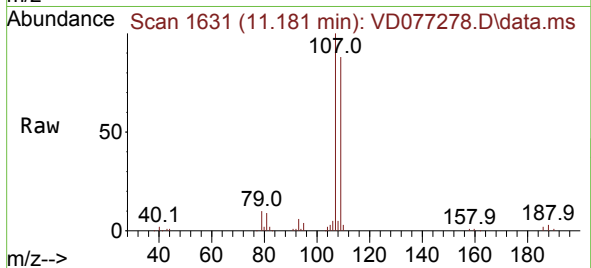




#61
1,2-Dibromoethane
Concen: 51.240 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

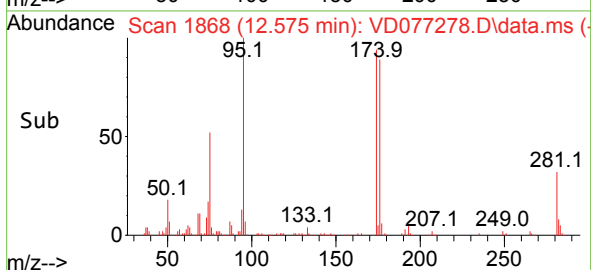
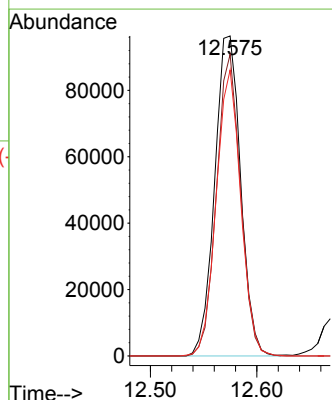
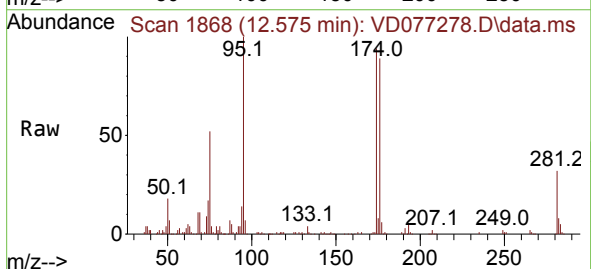
Instrument :
MSVOA_D
ClientSampleId :

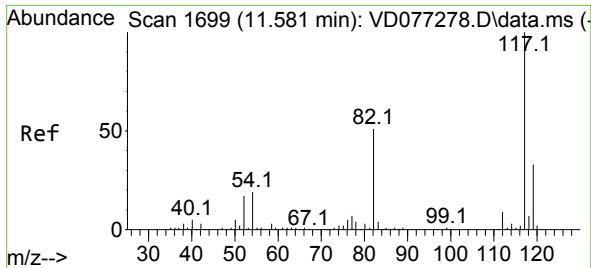
Tgt Ion:107 Resp: 120526
Ion Ratio Lower Upper
107 100
109 90.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.301 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 95 Resp: 163232
Ion Ratio Lower Upper
95 100
174 87.1 0.0 201.8
176 84.4 0.0 191.8

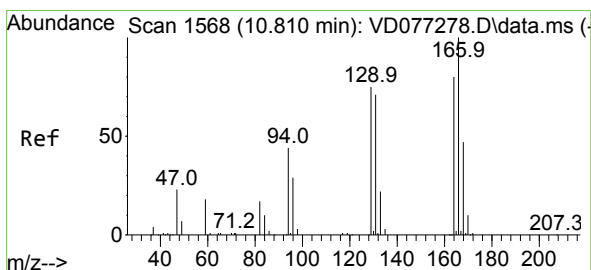
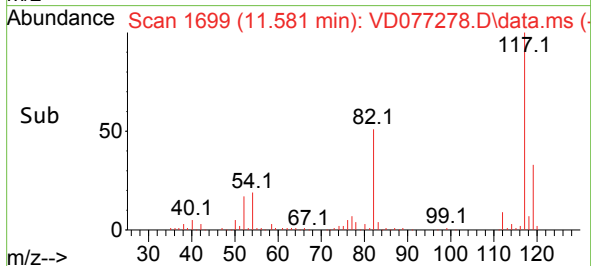
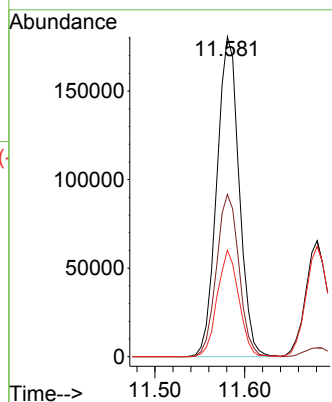
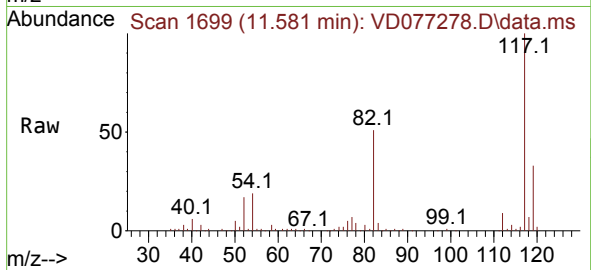




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

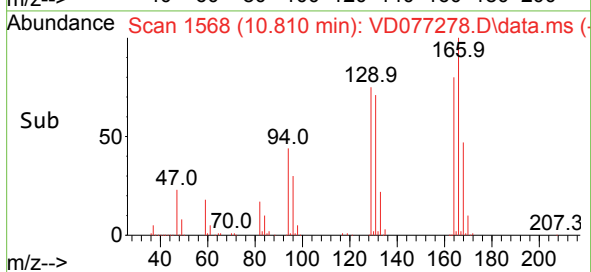
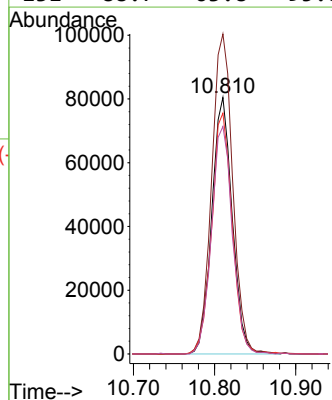
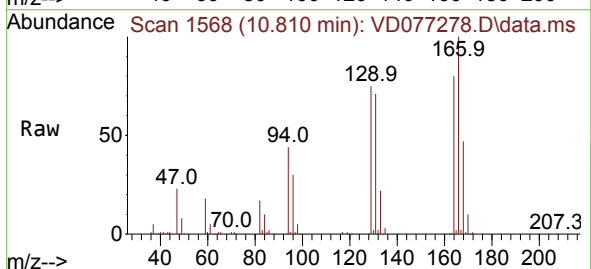
Instrument :
MSVOA_D
ClientSampleId :

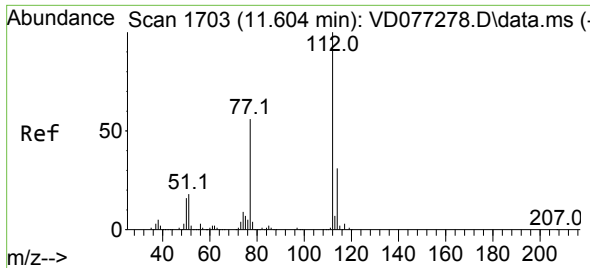
Tgt Ion:117 Resp: 312056
Ion Ratio Lower Upper
117 100
82 50.7 38.3 57.5
119 33.3 25.0 37.4



#64
Tetrachloroethene
Concen: 49.362 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion:164 Resp: 141214
Ion Ratio Lower Upper
164 100
166 124.8 99.2 148.8
129 93.9 68.4 102.6
131 88.7 63.8 95.8

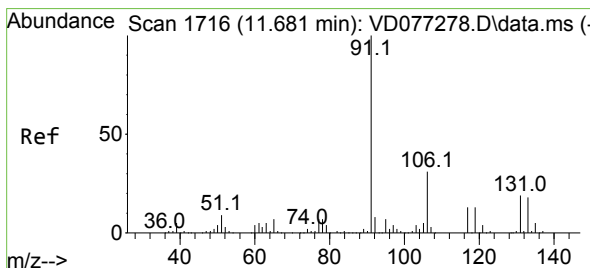
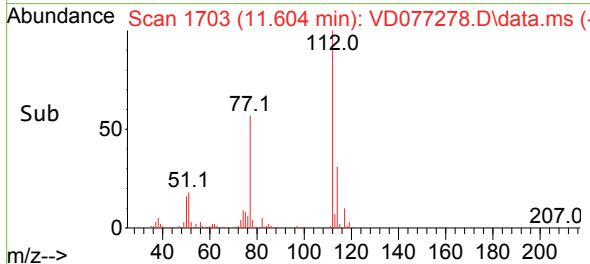
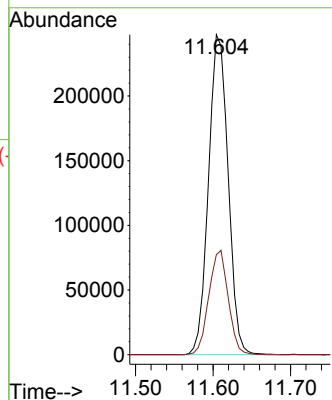
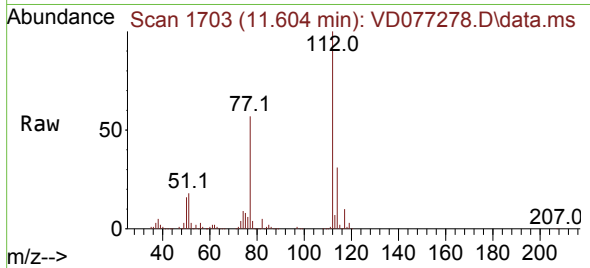




#65
Chlorobenzene
Concen: 49.507 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

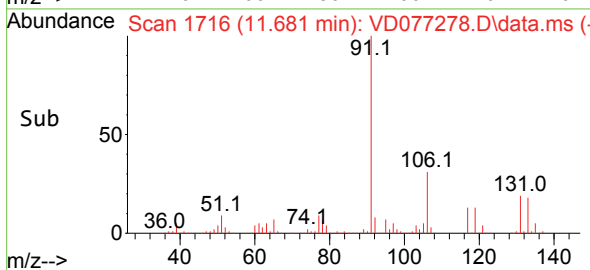
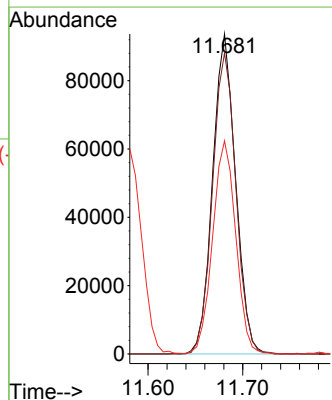
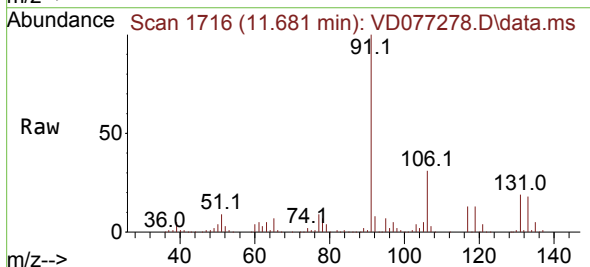
Instrument :
MSVOA_D
ClientSampleId :

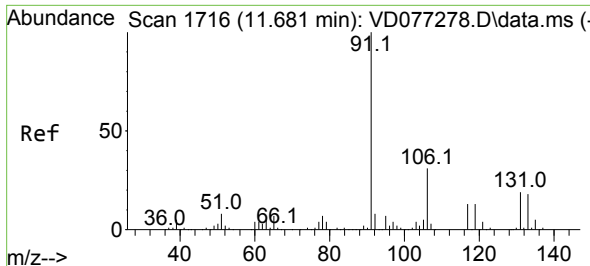
Tgt Ion:112 Resp: 435371
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.867 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion:131 Resp: 157658
Ion Ratio Lower Upper
131 100
133 96.2 48.5 145.5
119 67.3 35.6 106.9

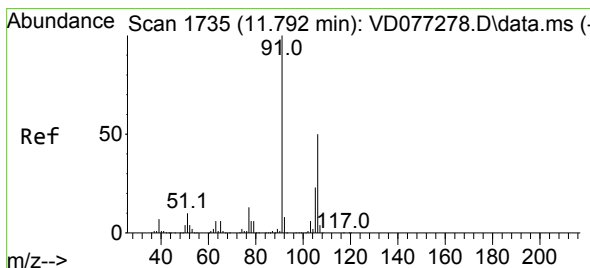
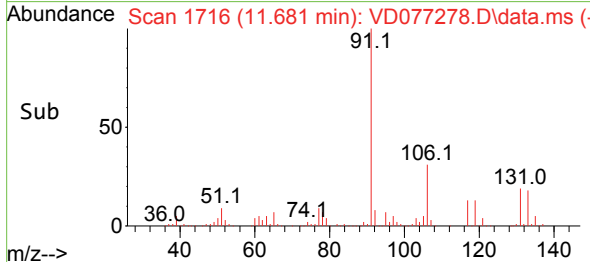
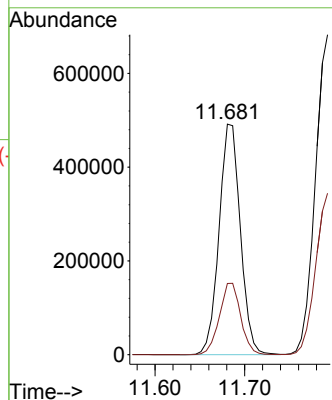
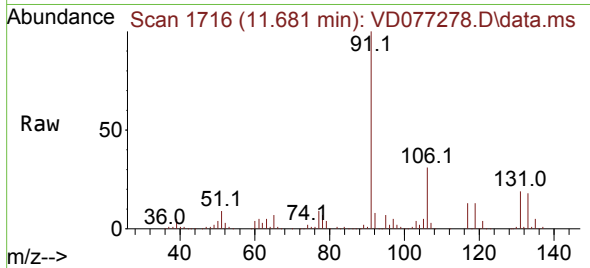




#67
Ethyl Benzene
Concen: 51.733 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

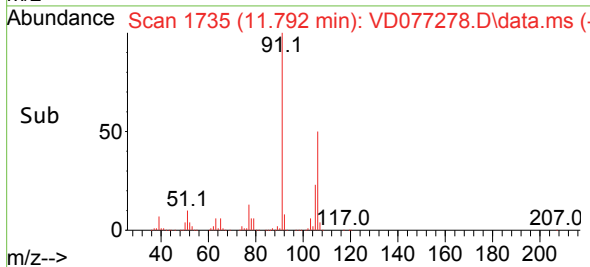
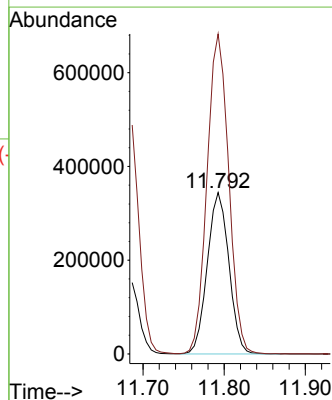
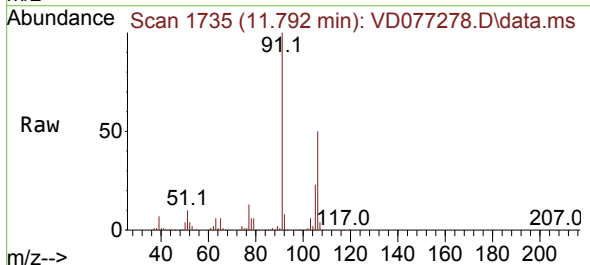
Instrument :
MSVOA_D
ClientSampleId :

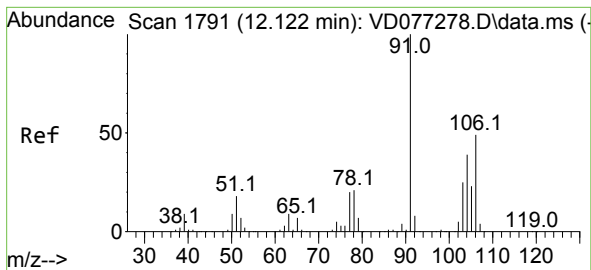
Tgt Ion: 91 Resp: 810302
Ion Ratio Lower Upper
91 100
106 30.8 26.5 39.7



#68
m/p-Xylenes
Concen: 104.407 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion:106 Resp: 635595
Ion Ratio Lower Upper
106 100
91 199.1 147.0 220.6





#69

o-Xylene

Concen: 53.135 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077278.D

Acq: 05 Oct 2023 16:31

Instrument :

MSVOA_D

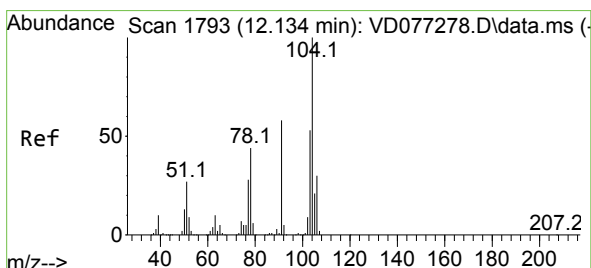
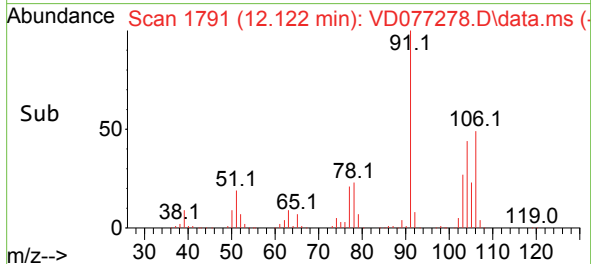
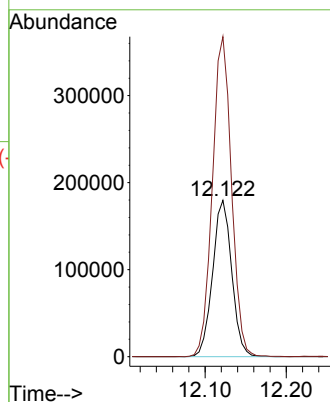
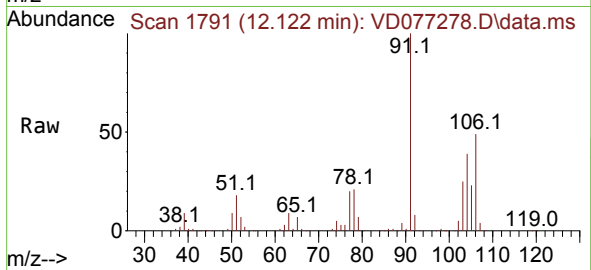
ClientSampleId :

Tgt Ion:106 Resp: 293911

Ion Ratio Lower Upper

106 100

91 204.5 97.9 293.6



#70

Styrene

Concen: 53.604 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD077278.D

Acq: 05 Oct 2023 16:31

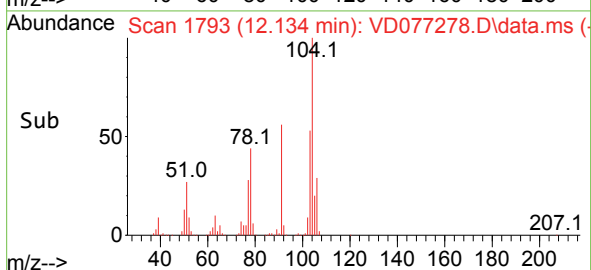
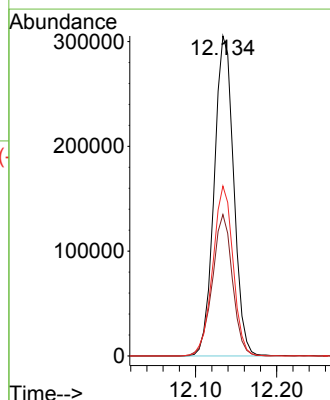
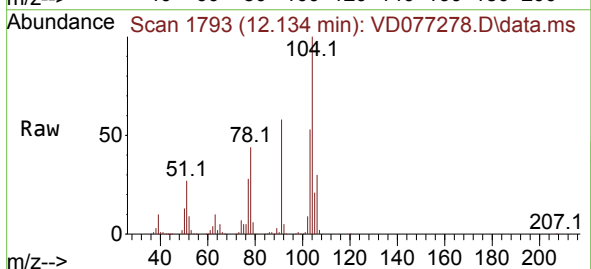
Tgt Ion:104 Resp: 509360

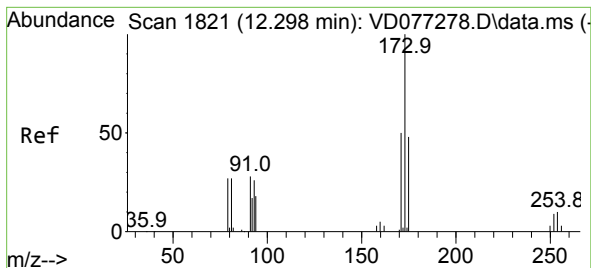
Ion Ratio Lower Upper

104 100

78 45.6 33.2 49.8

103 55.1 43.6 65.4





#71

Bromoform

Concen: 49.330 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077278.D

Acq: 05 Oct 2023 16:31

Instrument :

MSVOA_D

ClientSampleId :

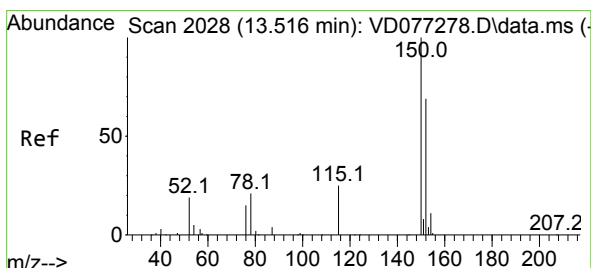
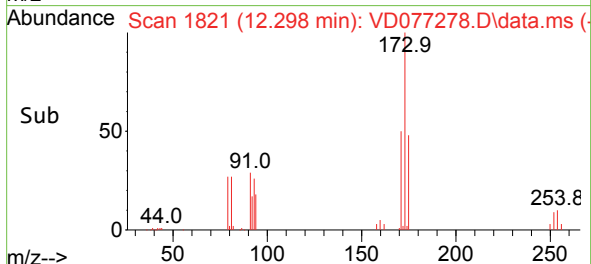
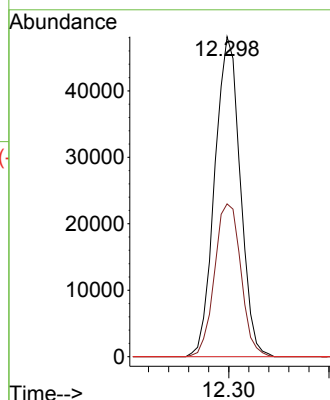
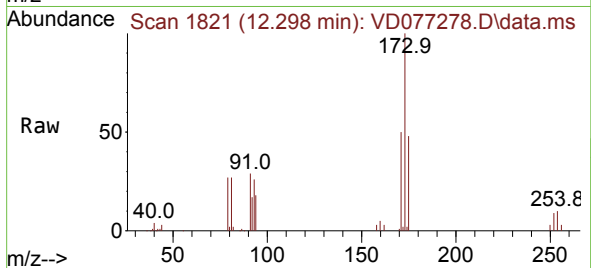
Tgt Ion:173 Resp: 84920

Ion Ratio Lower Upper

173 100

175 49.4 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD077278.D

Acq: 05 Oct 2023 16:31

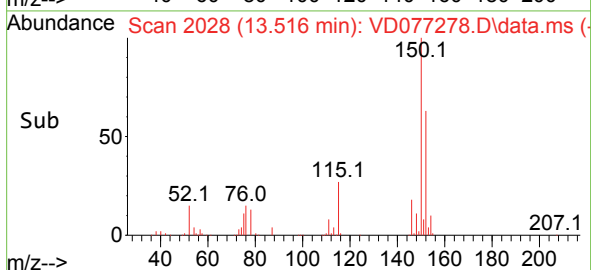
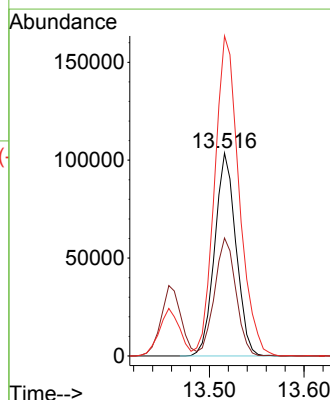
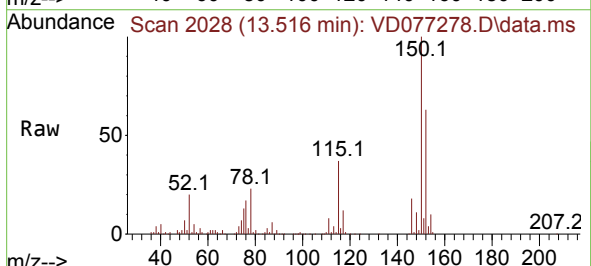
Tgt Ion:152 Resp: 162170

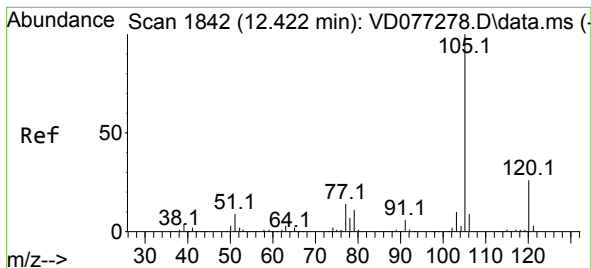
Ion Ratio Lower Upper

152 100

115 58.4 27.1 81.3

150 181.4 0.0 353.6





#73

Isopropylbenzene

Concen: 51.784 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077278.D

Acq: 05 Oct 2023 16:31

Instrument :

MSVOA_D

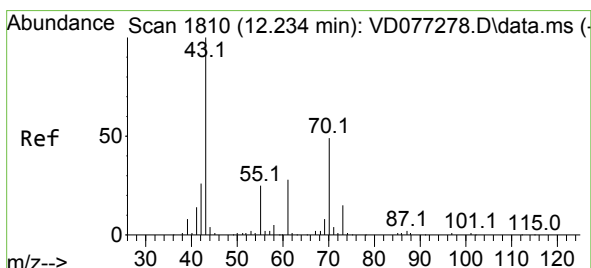
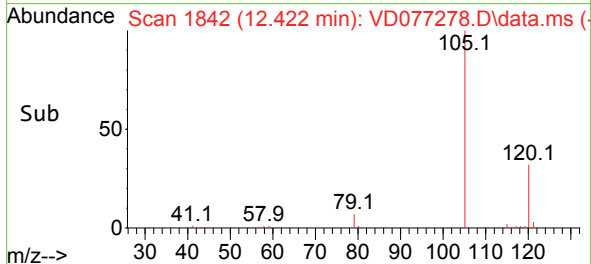
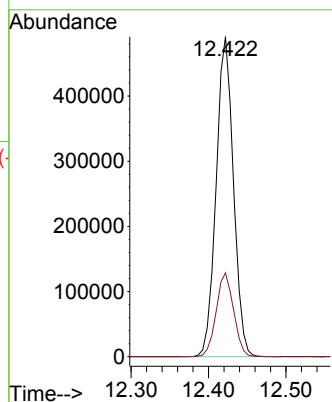
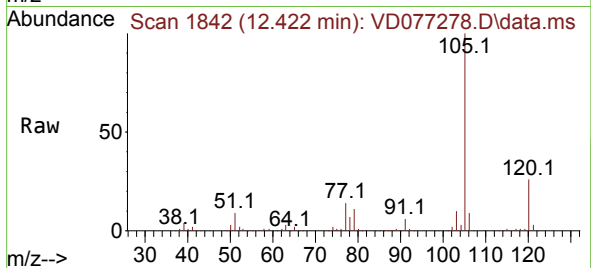
ClientSampleId :

Tgt Ion:105 Resp: 759783

Ion Ratio Lower Upper

105 100

120 26.3 14.3 42.9



#74

N-ethyl acetate

Concen: 50.804 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077278.D

Acq: 05 Oct 2023 16:31

Tgt Ion: 43 Resp: 153082

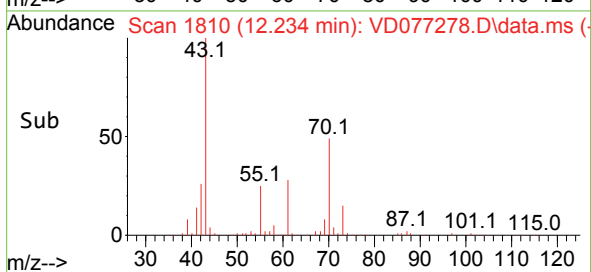
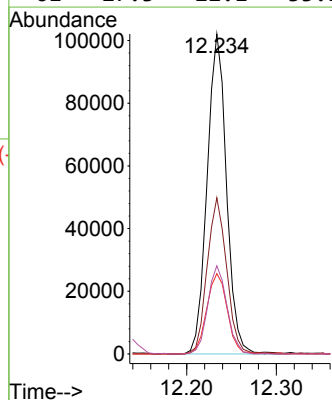
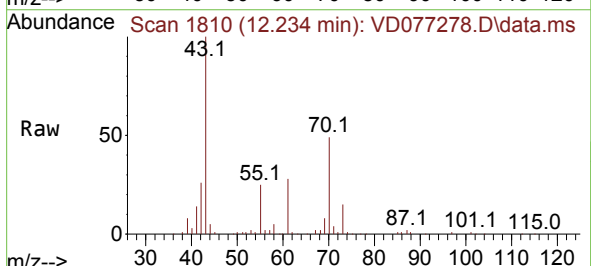
Ion Ratio Lower Upper

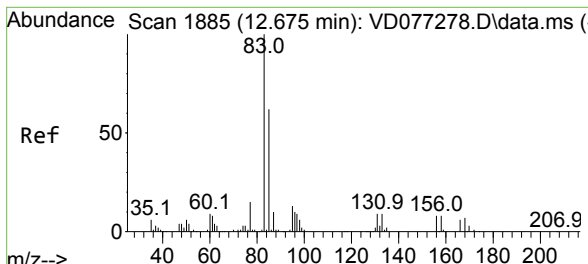
43 100

70 49.1 45.0 67.4

55 26.9 23.8 35.6

61 27.3 22.1 33.1

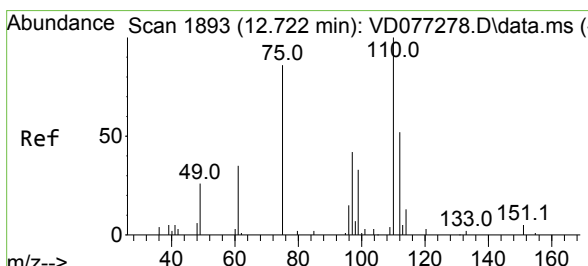
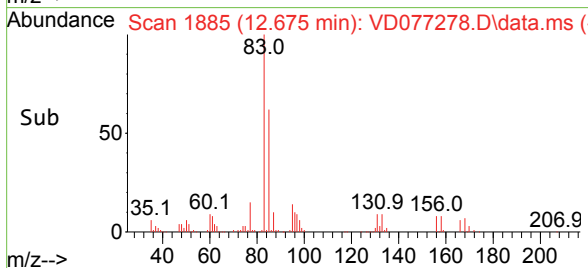
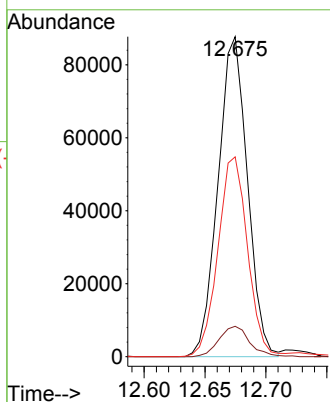
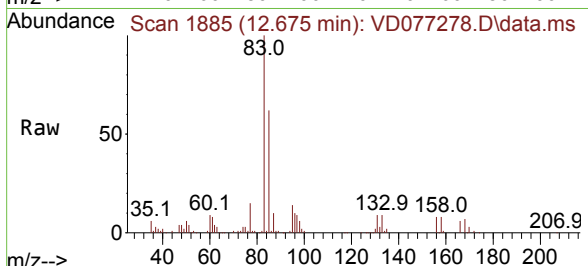




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.604 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD077278.D
 Acq: 05 Oct 2023 16:31

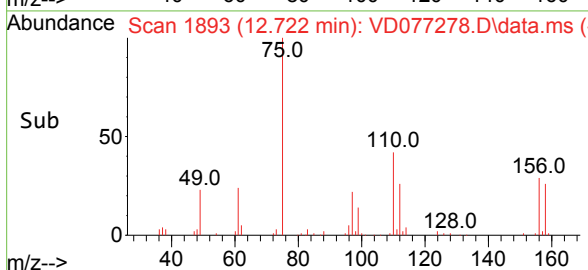
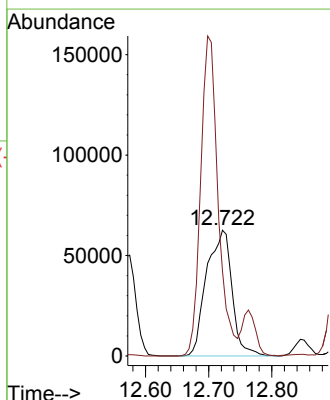
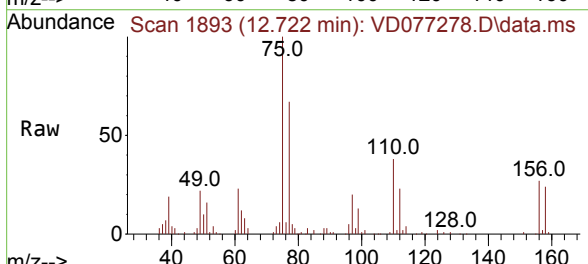
Instrument :
 MSVOA_D
 ClientSampleId :

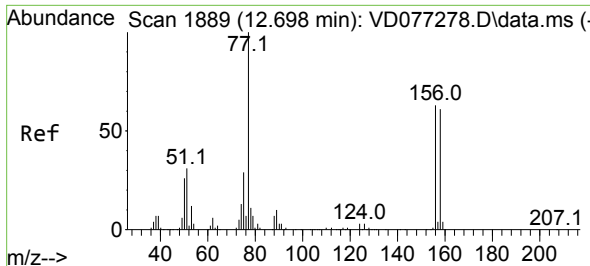
Tgt Ion:	83	Resp:	147536
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.3
85	62.9	32.6	97.8



#76
 1,2,3-Trichloropropane
 Concen: 109.872 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD077278.D
 Acq: 05 Oct 2023 16:31

Tgt Ion:	75	Resp:	175335
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

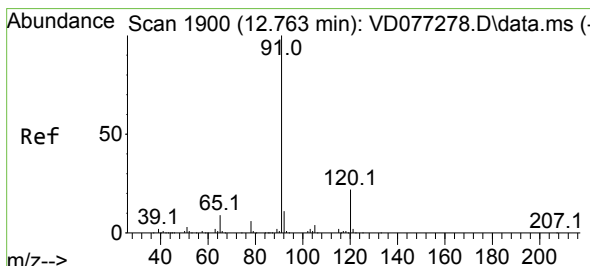
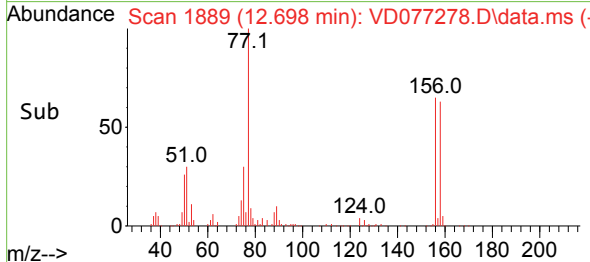
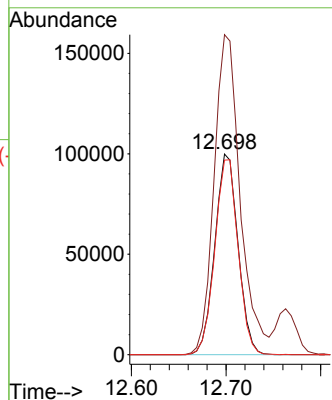
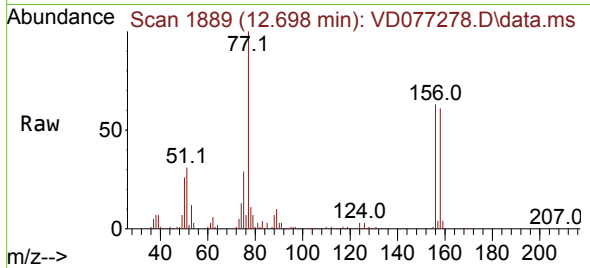




#77
Bromobenzene
Concen: 49.740 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

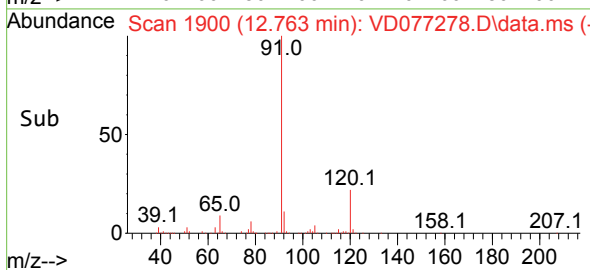
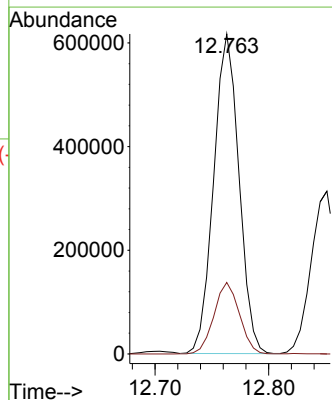
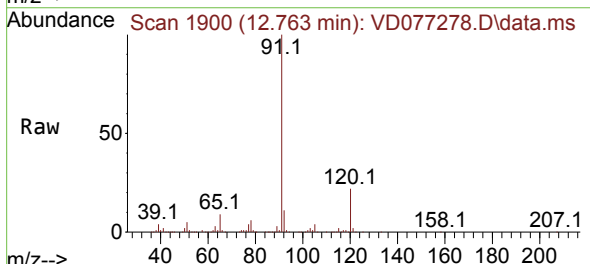
Instrument :
MSVOA_D
ClientSampleId :

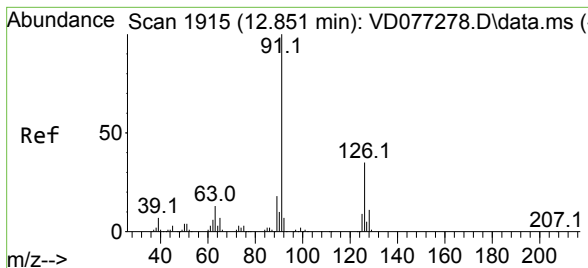
Tgt Ion:156 Resp: 170336
Ion Ratio Lower Upper
156 100
77 179.7 76.8 230.4
158 97.5 48.6 145.9



#78
n-propylbenzene
Concen: 51.729 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 91 Resp: 952904
Ion Ratio Lower Upper
91 100
120 22.5 12.4 37.2

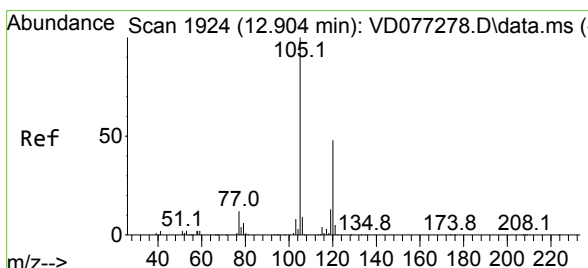
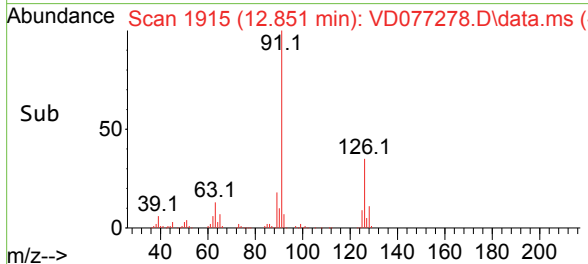
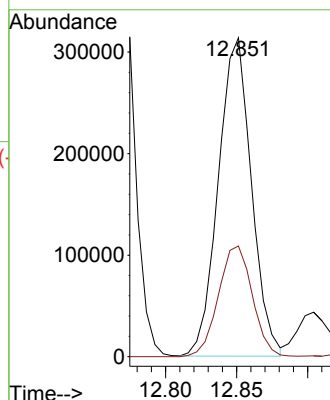
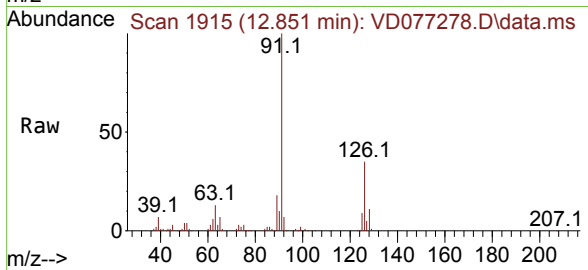




#79
2-Chlorotoluene
Concen: 51.226 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

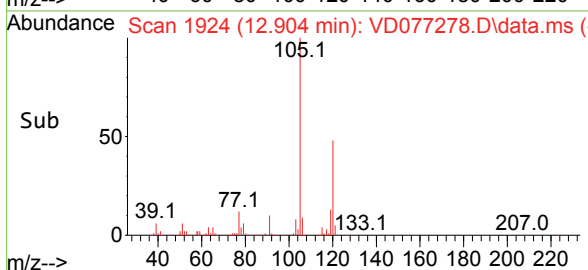
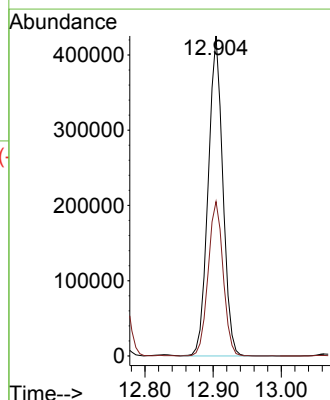
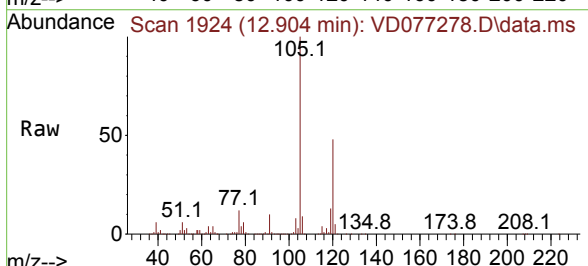
Instrument :
MSVOA_D
ClientSampleId :

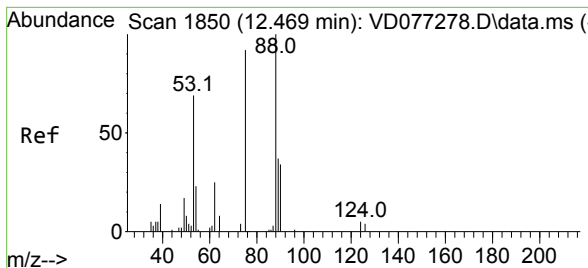
Tgt Ion: 91 Resp: 507809
Ion Ratio Lower Upper
91 100
126 35.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 52.422 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion:105 Resp: 635660
Ion Ratio Lower Upper
105 100
120 49.3 26.4 79.2

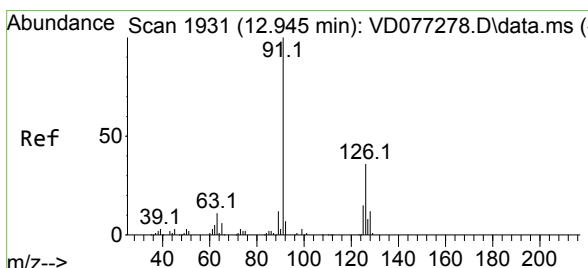
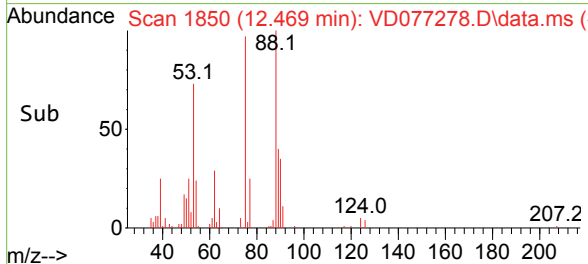
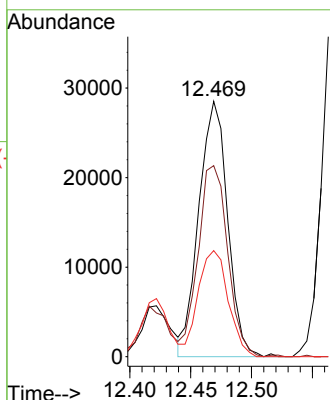
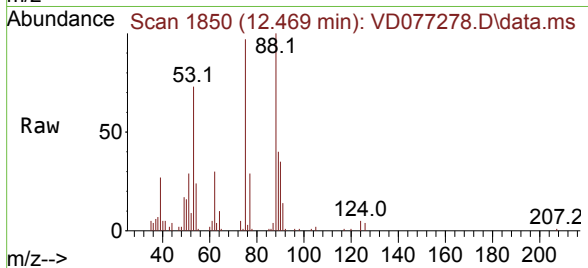




#81
trans-1,4-Dichloro-2-butene
Concen: 49.577 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

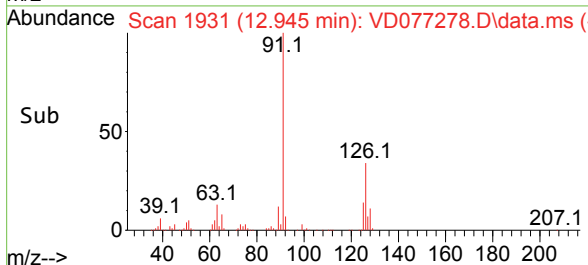
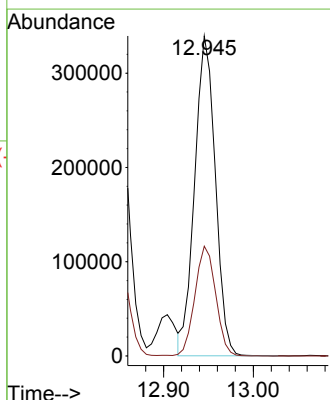
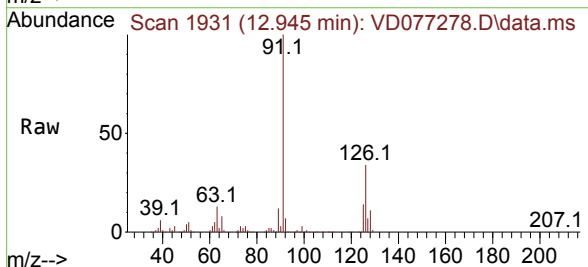
Instrument :
MSVOA_D
ClientSampleId :

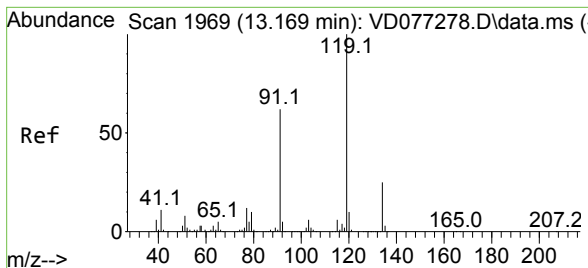
Tgt Ion: 75 Resp: 46880
Ion Ratio Lower Upper
75 100
53 77.2 63.0 94.4
89 43.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 51.921 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion: 91 Resp: 542110
Ion Ratio Lower Upper
91 100
126 34.7 19.4 58.4

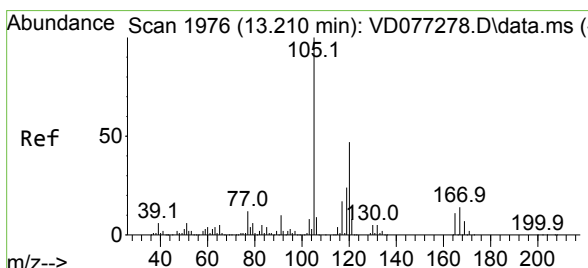
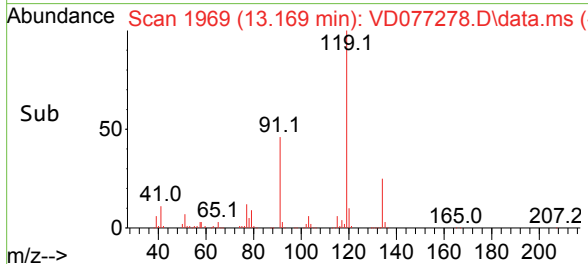
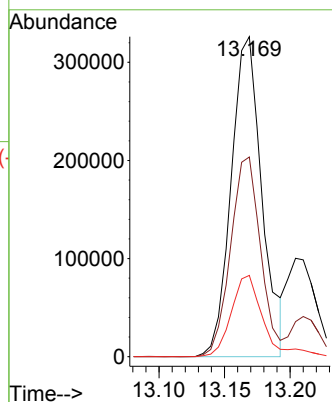
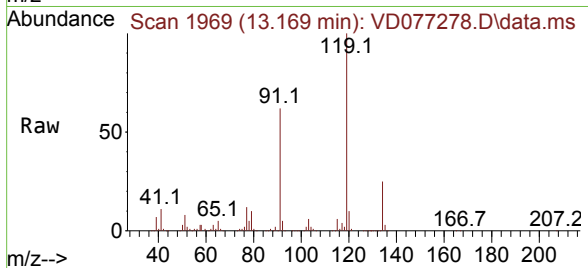




#83
 tert-Butylbenzene
 Concen: 51.500 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD077278.D
 Acq: 05 Oct 2023 16:31

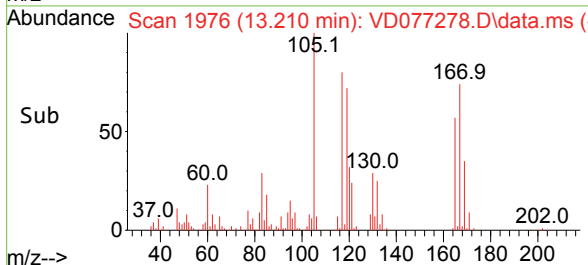
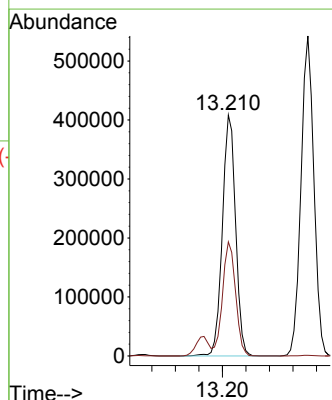
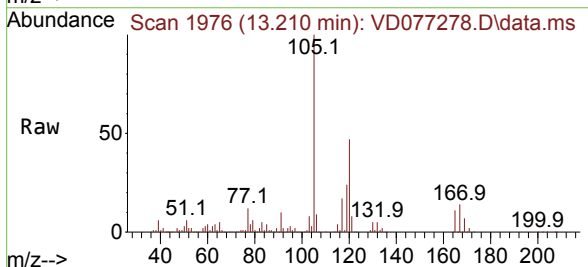
Instrument :
 MSVOA_D
 ClientSampleId :

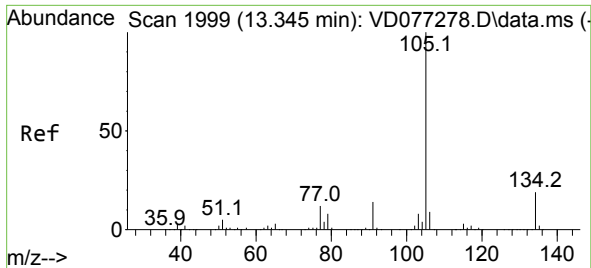
Tgt Ion:119 Resp: 532332
 Ion Ratio Lower Upper
 119 100
 91 61.1 29.3 87.8
 134 26.5 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 52.614 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD077278.D
 Acq: 05 Oct 2023 16:31

Tgt Ion:105 Resp: 637836
 Ion Ratio Lower Upper
 105 100
 120 46.9 24.3 72.9

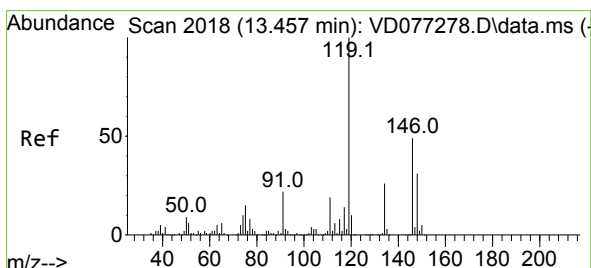
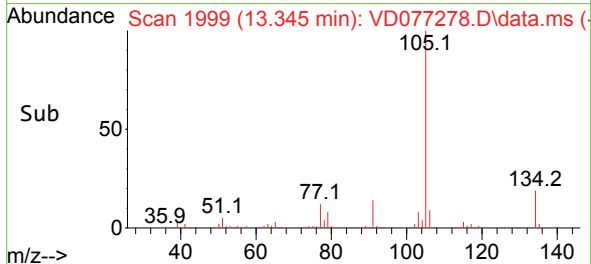
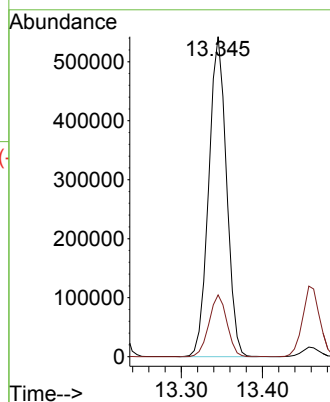
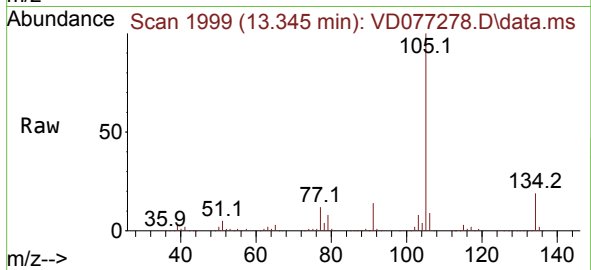




#85
 sec-Butylbenzene
 Concen: 52.035 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077278.D
 Acq: 05 Oct 2023 16:31

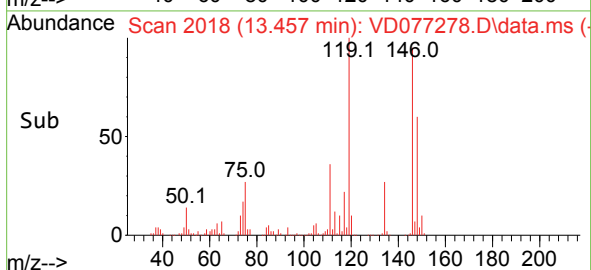
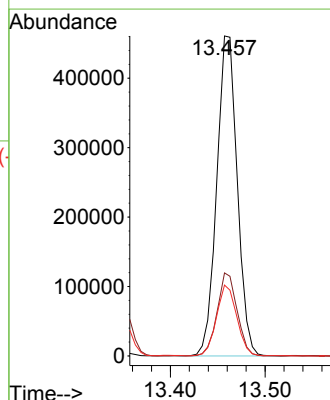
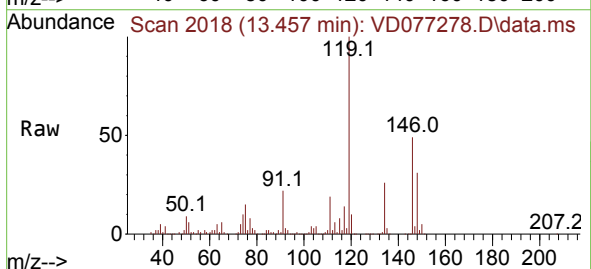
Instrument :
 MSVOA_D
 ClientSampleId :

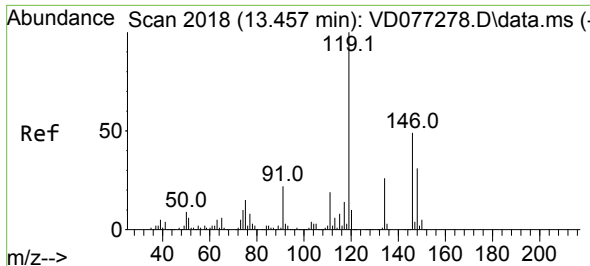
Tgt Ion:105 Resp: 824755
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 52.814 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077278.D
 Acq: 05 Oct 2023 16:31

Tgt Ion:119 Resp: 695372
 Ion Ratio Lower Upper
 119 100
 134 25.3 14.2 42.6
 91 21.8 10.5 31.5

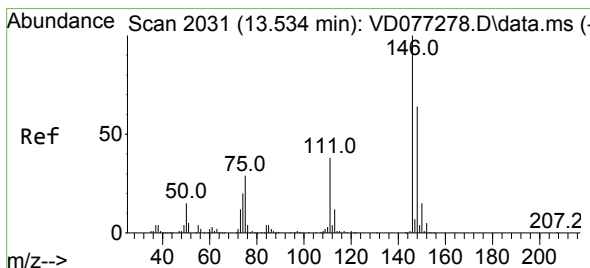
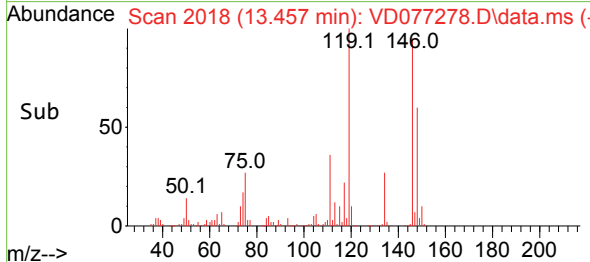
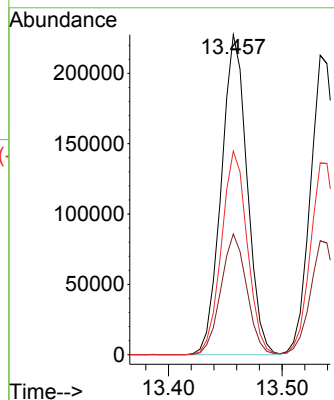
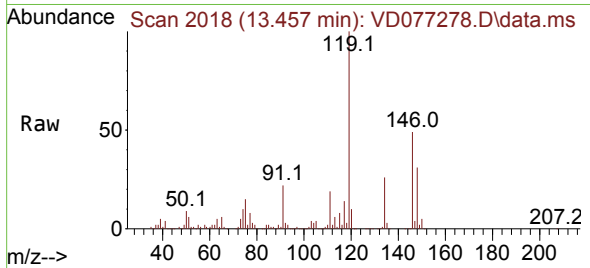




#87
1,3-Dichlorobenzene
Concen: 50.565 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

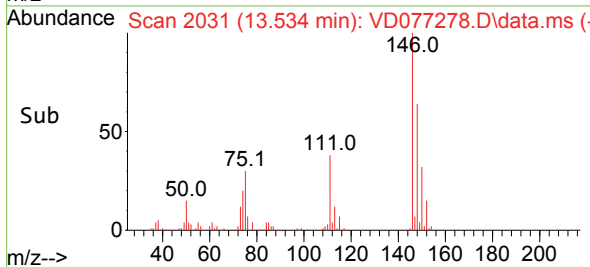
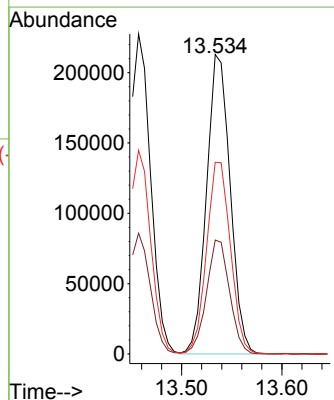
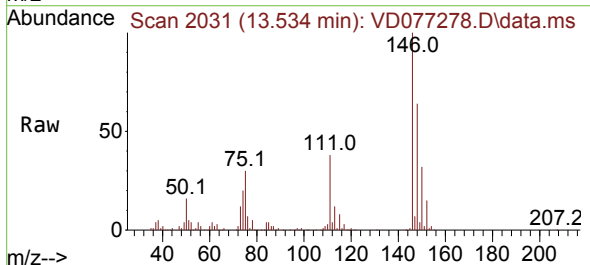
Instrument :
MSVOA_D
ClientSampleId :

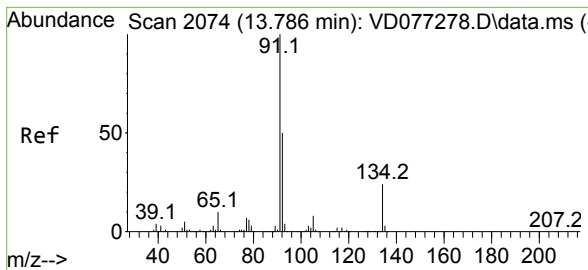
Tgt Ion:146 Resp: 359471
Ion Ratio Lower Upper
146 100
111 37.7 17.9 53.8
148 63.4 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 49.759 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion:146 Resp: 349951
Ion Ratio Lower Upper
146 100
111 37.2 17.4 52.3
148 64.6 31.7 95.1





#89

n-Butylbenzene

Concen: 51.583 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077278.D

Acq: 05 Oct 2023 16:31

Instrument :

MSVOA_D

ClientSampleId :

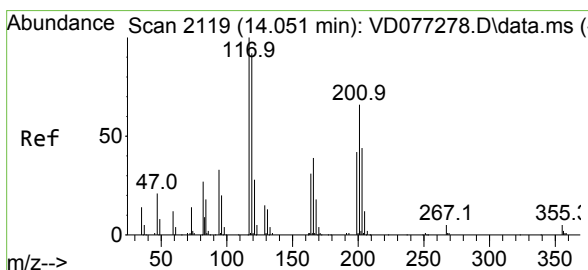
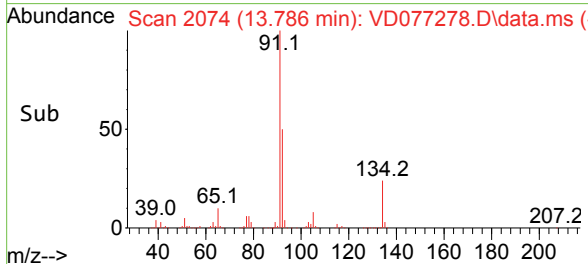
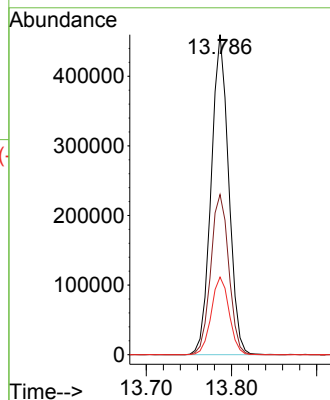
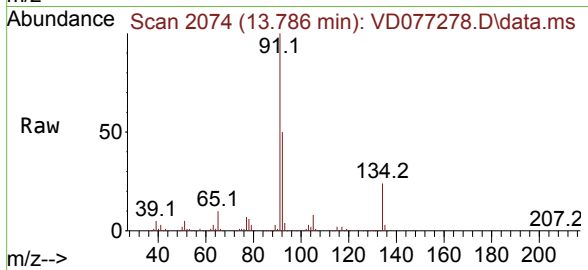
Tgt Ion: 91 Resp: 654314

Ion Ratio Lower Upper

91 100

92 51.7 26.5 79.5

134 24.8 13.8 41.3



#90

Hexachloroethane

Concen: 49.301 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD077278.D

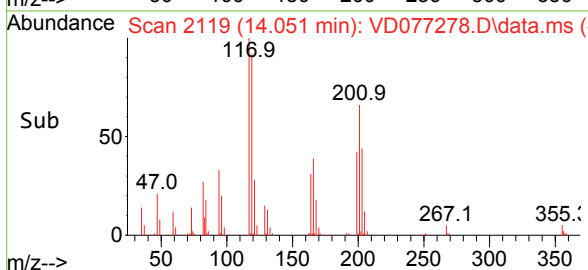
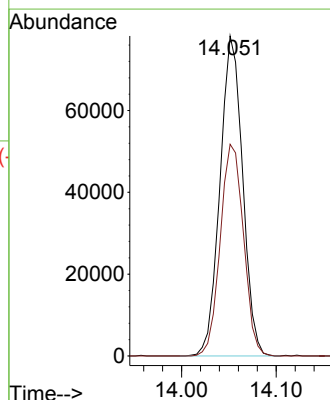
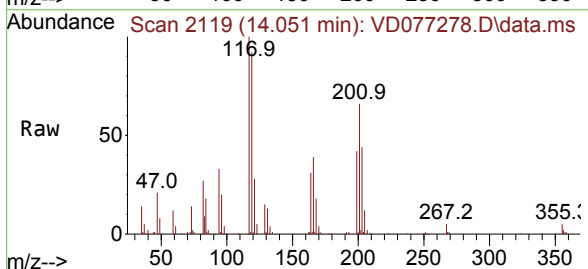
Acq: 05 Oct 2023 16:31

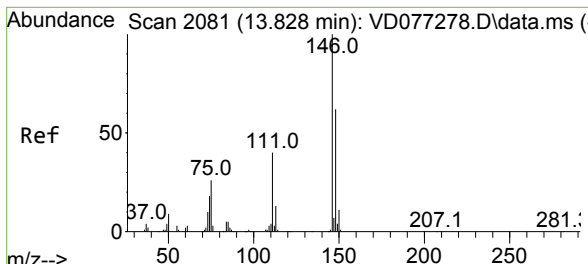
Tgt Ion: 117 Resp: 129971

Ion Ratio Lower Upper

117 100

201 67.9 38.5 115.5

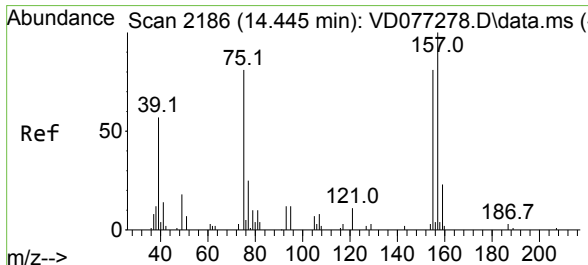
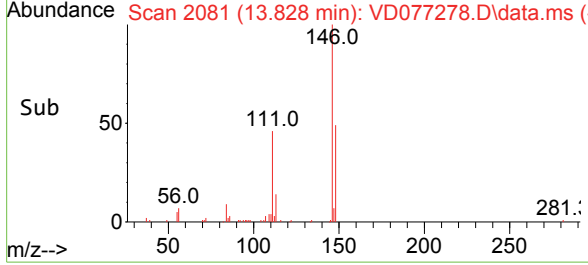
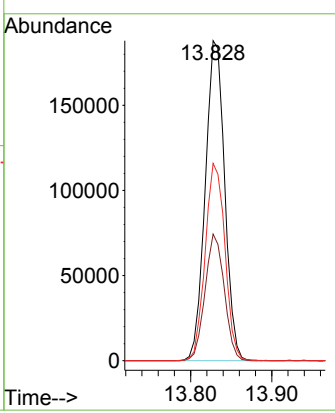
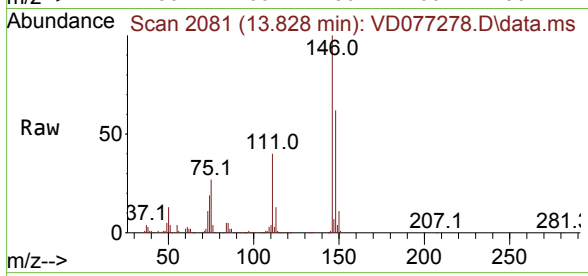




#91
 1,2-Dichlorobenzene
 Concen: 51.463 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VD077278.D
 Acq: 05 Oct 2023 16:31

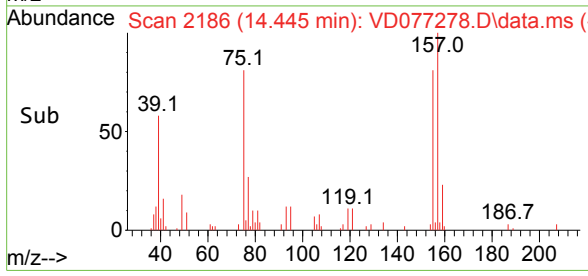
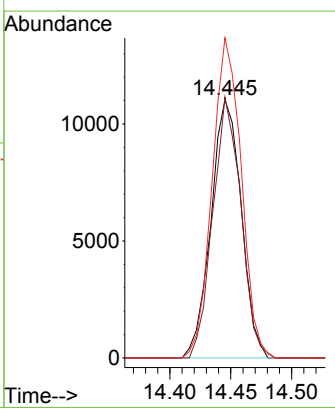
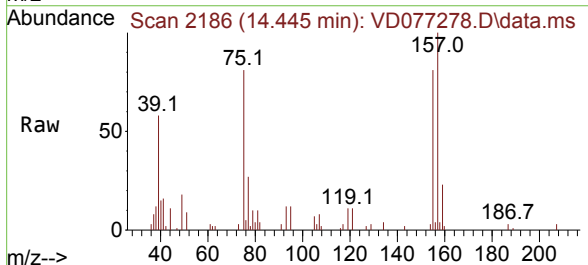
Instrument :
 MSVOA_D
 ClientSampleId :

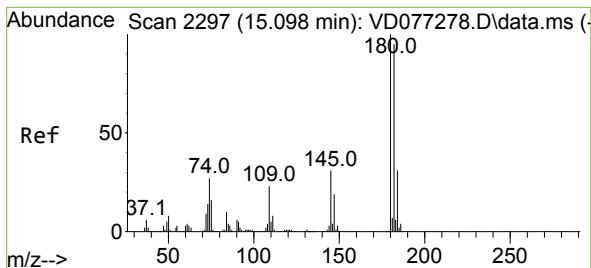
Tgt Ion:	146	Resp:	312231
Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.3	54.8
148	62.8	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.459 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD077278.D
 Acq: 05 Oct 2023 16:31

Tgt Ion:	75	Resp:	19050
Ion	Ratio	Lower	Upper
75	100		
155	93.7	47.9	143.8
157	119.2	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 50.946 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD077278.D

Acq: 05 Oct 2023 16:31

Instrument :

MSVOA_D

ClientSampleId :

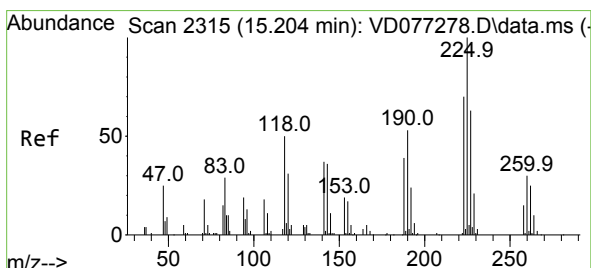
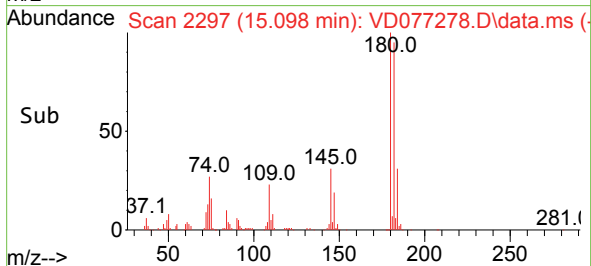
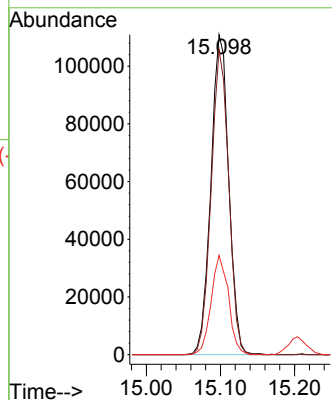
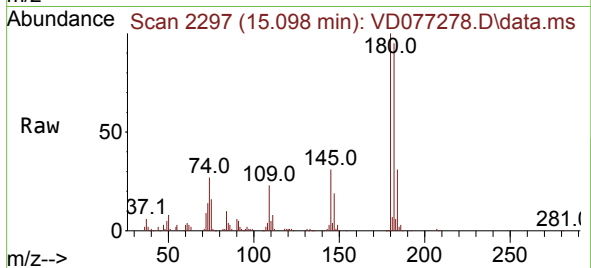
Tgt Ion:180 Resp: 185724

Ion Ratio Lower Upper

180 100

182 93.5 48.5 145.6

145 30.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 49.145 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077278.D

Acq: 05 Oct 2023 16:31

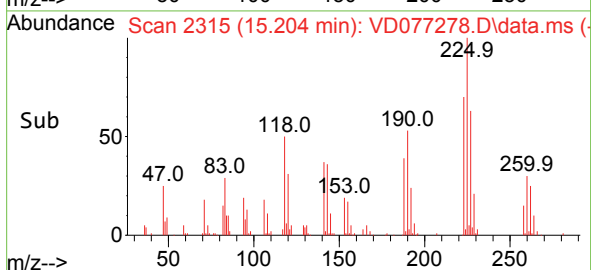
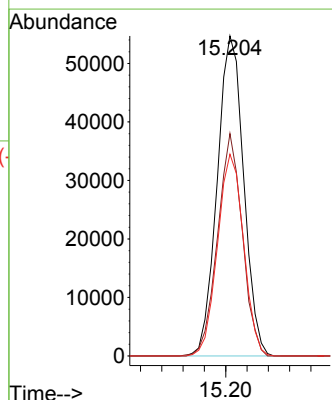
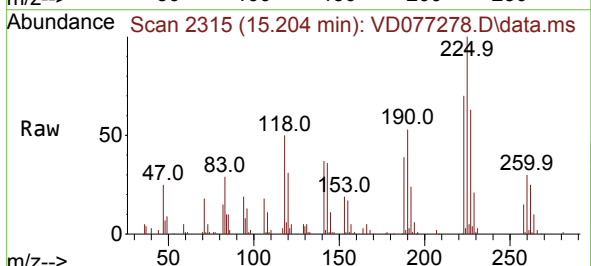
Tgt Ion:225 Resp: 94402

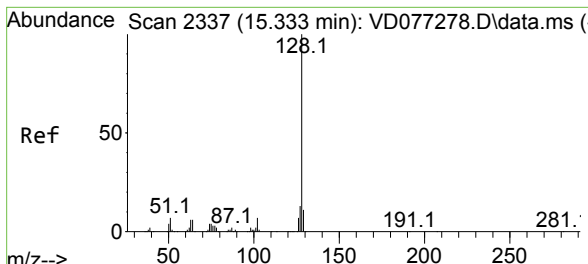
Ion Ratio Lower Upper

225 100

223 64.8 31.6 94.8

227 61.8 31.7 95.1

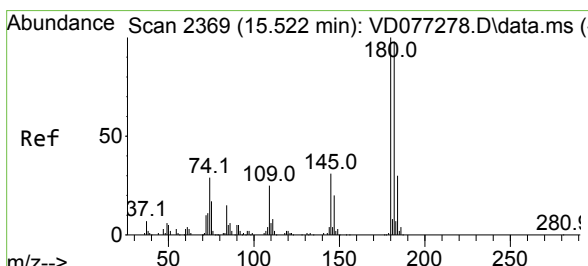
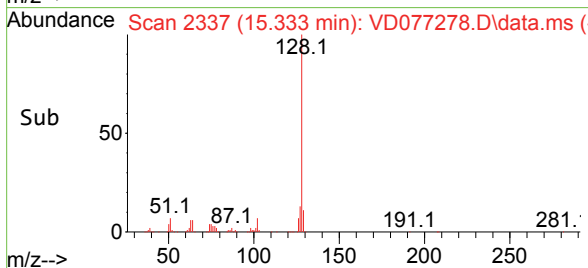
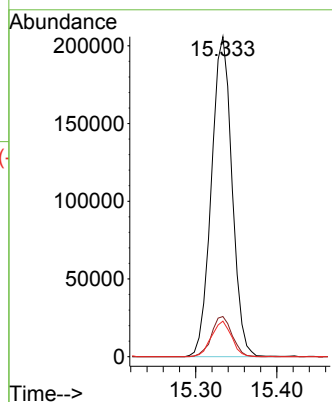
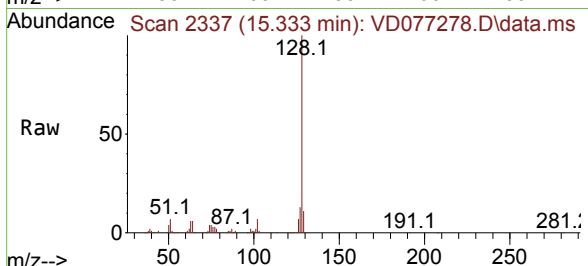




#95
Naphthalene
Concen: 51.790 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 363279
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.512 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077278.D
Acq: 05 Oct 2023 16:31

Tgt Ion:180 Resp: 163809
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.9
145 31.7 15.1 45.3

