

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD078004.D
 Acq On : 20 Dec 2023 19:03
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 21 05:28:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	104917	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	182823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	172818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96726	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70212	56.792	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.580%	
35) Dibromofluoromethane	7.805	113	76028	59.369	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.740%	
50) Toluene-d8	10.269	98	287520	56.057	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.120%	
62) 4-Bromofluorobenzene	12.569	95	87507	57.066	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.140%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	48299	36.853	ug/l	95
3) Chloromethane	2.152	50	82963	46.441	ug/l	97
4) Vinyl Chloride	2.287	62	120188	49.559	ug/l	99
5) Bromomethane	2.693	94	90806	66.729	ug/l	100
6) Chloroethane	2.840	64	90848	54.946	ug/l	99
7) Trichlorofluoromethane	3.181	101	100576	45.029	ug/l	95
8) Diethyl Ether	3.593	74	31927	50.905	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.975	101	63708	49.858	ug/l	95
10) Methyl Iodide	4.169	142	68327	59.527	ug/l	# 90
11) Tert butyl alcohol	5.052	59	14672	246.275	ug/l	# 92
12) 1,1-Dichloroethene	3.946	96	59525	47.199	ug/l	# 83
13) Acrolein	3.799	56	19389	148.260	ug/l	92
14) Allyl chloride	4.569	41	78816	45.440	ug/l	88
15) Acrylonitrile	5.252	53	71757	267.217	ug/l	99
16) Acetone	4.017	43	58880	216.090	ug/l	91
17) Carbon Disulfide	4.269	76	173755	40.724	ug/l	96
18) Methyl Acetate	4.564	43	56174	57.694	ug/l	94
19) Methyl tert-butyl Ether	5.316	73	142473	53.247	ug/l	97
20) Methylene Chloride	4.805	84	75410	51.667	ug/l	# 87
21) trans-1,2-Dichloroethene	5.316	96	72107	50.479	ug/l	98
22) Diisopropyl ether	6.216	45	184599	50.929	ug/l	97
23) Vinyl Acetate	6.152	43	423136	239.053	ug/l	93
24) 1,1-Dichloroethane	6.116	63	127068	51.767	ug/l	96
25) 2-Butanone	7.081	43	82428	242.075	ug/l	90
26) 2,2-Dichloropropane	7.081	77	97866	47.487	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	84174	54.764	ug/l	93
28) Bromochloromethane	7.422	49	57689	58.163	ug/l	82
29) Tetrahydrofuran	7.446	42	50705	257.558	ug/l	89
30) Chloroform	7.599	83	135005	54.956	ug/l	99
31) Cyclohexane	7.881	56	92392	42.016	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	107357	49.573	ug/l	98
36) 1,1-Dichloropropene	8.010	75	96347	47.035	ug/l	96
37) Ethyl Acetate	7.163	43	37142	46.502	ug/l	96
38) Carbon Tetrachloride	7.993	117	96973	47.486	ug/l	96
39) Methylcyclohexane	9.275	83	107919	44.441	ug/l	96
40) Benzene	8.252	78	290062	49.892	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	20619	50.791	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	78824	52.305	ug/l	94
43) Isopropyl Acetate	8.357	43	70115	49.383	ug/l	93
44) Trichloroethene	9.028	130	74747	49.336	ug/l	95
45) 1,2-Dichloropropane	9.304	63	74892	52.990	ug/l	97
46) Dibromomethane	9.393	93	40262	53.840	ug/l	92
47) Bromodichloromethane	9.587	83	104100	54.921	ug/l	100
48) Methyl methacrylate	9.381	41	40737	50.473	ug/l #	79
49) 1,4-Dioxane	9.387	88	7859	1058.381	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	181776	250.856	ug/l	91
52) Toluene	10.334	92	186969	51.844	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	93922	51.600	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	115195	52.345	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	58208	56.906	ug/l	94
56) Ethyl methacrylate	10.599	69	48548	53.841	ug/l	90
57) 1,3-Dichloropropane	10.881	76	94911	53.830	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	136174	264.817	ug/l	96
59) 2-Hexanone	10.922	43	125137	208.152	ug/l	92
60) Dibromochloromethane	11.075	129	71371	57.953	ug/l	97
61) 1,2-Dibromoethane	11.175	107	53969	56.050	ug/l	98
64) Tetrachloroethene	10.810	164	60405	47.556	ug/l	93
65) Chlorobenzene	11.610	112	199531	48.939	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	74859	52.090	ug/l	99
67) Ethyl Benzene	11.687	91	363700	50.549	ug/l	96
68) m/p-Xylenes	11.793	106	287503	104.467	ug/l	94
69) o-Xylene	12.122	106	133600	52.673	ug/l	95
70) Styrene	12.134	104	204245	54.155	ug/l	96
71) Bromoform	12.298	173	41543	55.325	ug/l #	99
73) Isopropylbenzene	12.422	105	345483	47.126	ug/l	97
74) N-amyl acetate	12.234	43	60526	42.001	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	64711	50.625	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	79205	94.284	ug/l #	100
77) Bromobenzene	12.698	156	83001	48.135	ug/l	90
78) n-propylbenzene	12.763	91	428449	47.962	ug/l	96
79) 2-Chlorotoluene	12.851	91	227922	47.610	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	294246	48.124	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	20214	48.752	ug/l	95
82) 4-Chlorotoluene	12.945	91	247391	49.431	ug/l	96
83) tert-Butylbenzene	13.163	119	255683	49.533	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	303082	49.560	ug/l	97
85) sec-Butylbenzene	13.345	105	376284	49.316	ug/l	95
86) p-Isopropyltoluene	13.463	119	335817	49.158	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	173613	49.234	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	170077	48.266	ug/l	98
89) n-Butylbenzene	13.787	91	307838	47.890	ug/l	97
90) Hexachloroethane	14.051	117	66135	52.641	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	149050	49.700	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9366	50.594	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	89984	43.927	ug/l	99
94) Hexachlorobutadiene	15.204	225	49603	44.904	ug/l	96
95) Naphthalene	15.334	128	171584	50.413	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	80570	47.708	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

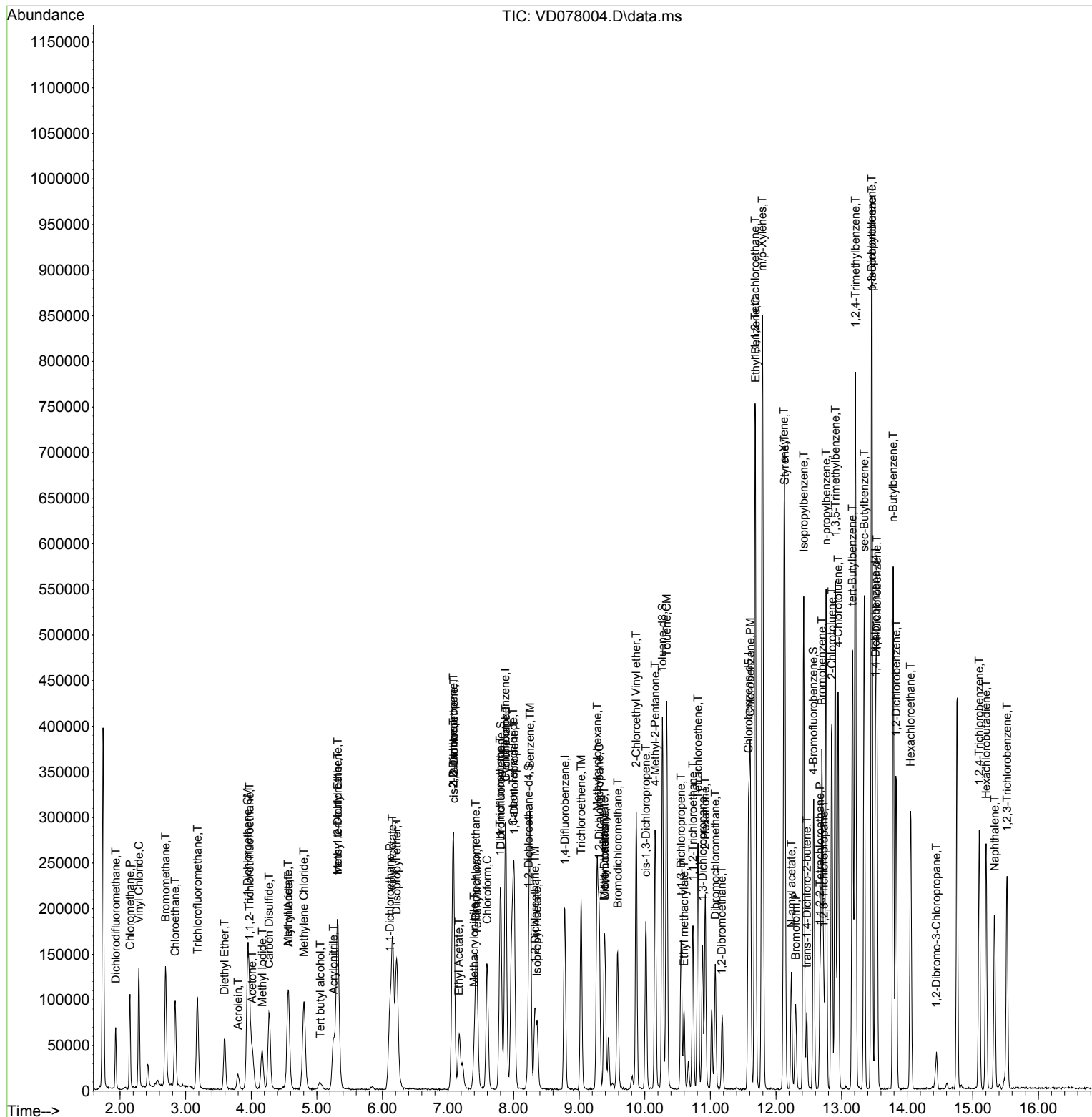
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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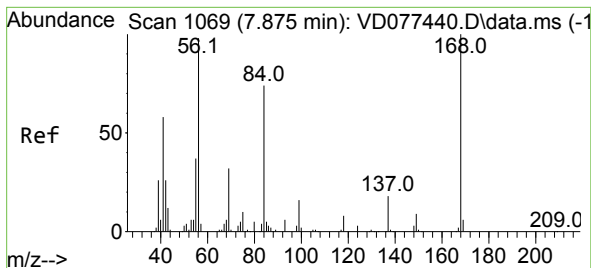
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

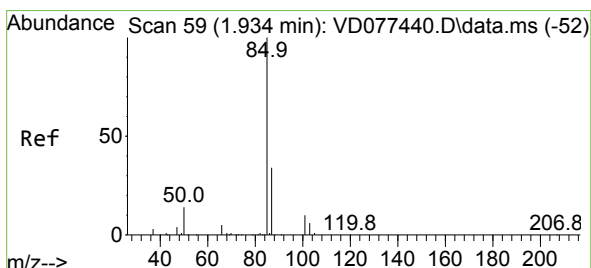
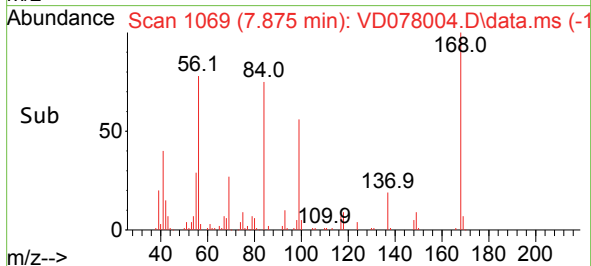
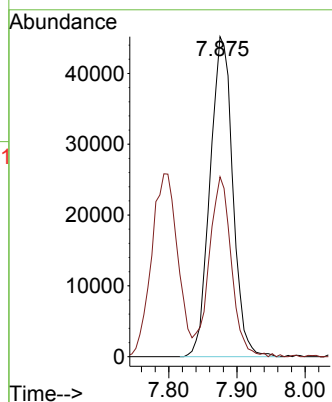
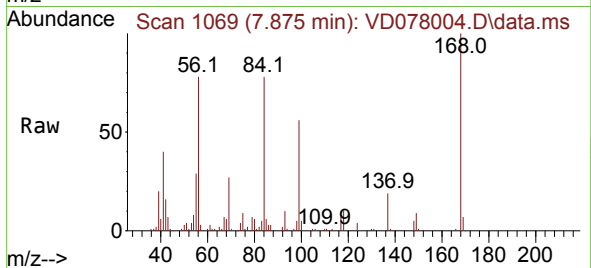
ClientSampleId :

Tgt Ion:168 Resp: 104917

Ion Ratio Lower Upper

168 100

99 55.6 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 36.853 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078004.D

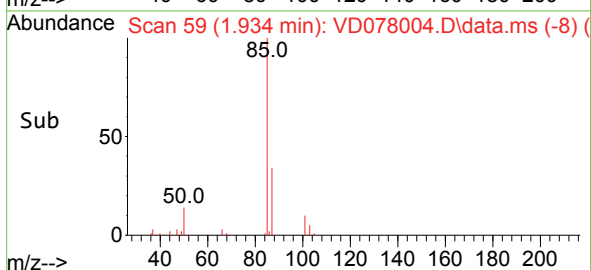
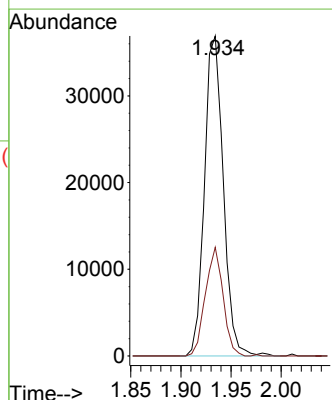
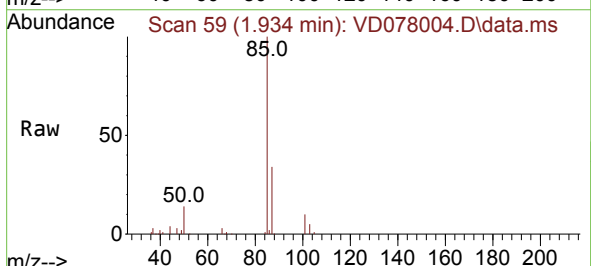
Acq: 20 Dec 2023 19:03

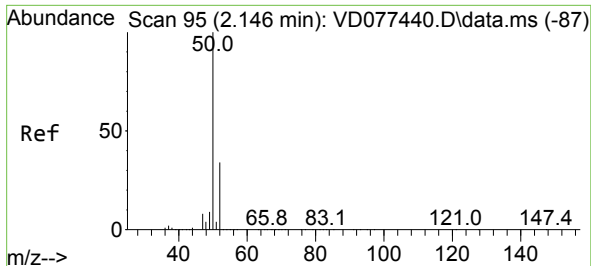
Tgt Ion: 85 Resp: 48299

Ion Ratio Lower Upper

85 100

87 34.0 15.7 47.0

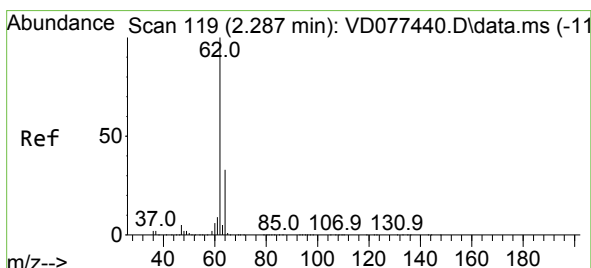
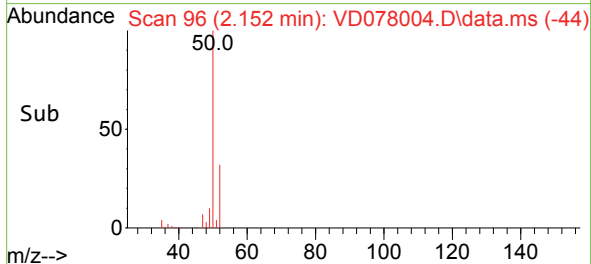
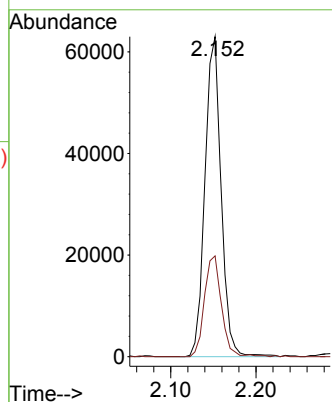
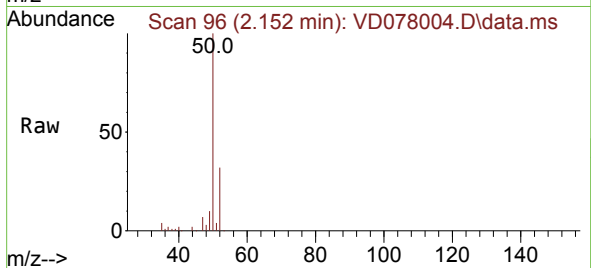




#3
Chloromethane
Concen: 46.441 ug/l
RT: 2.152 min Scan# 95
Delta R.T. 0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

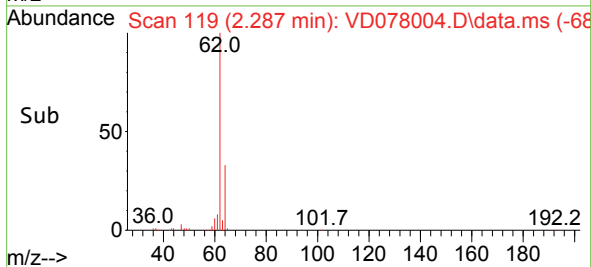
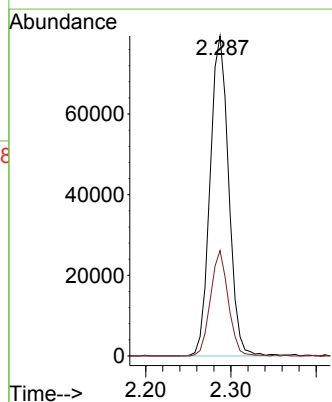
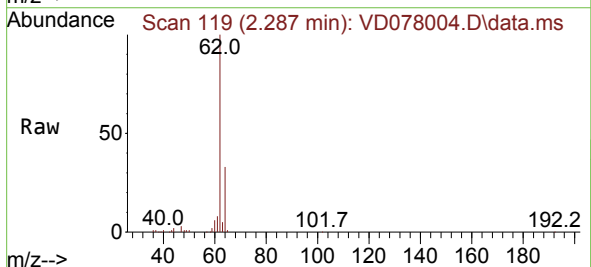
Instrument :
MSVOA_D
ClientSampleId :

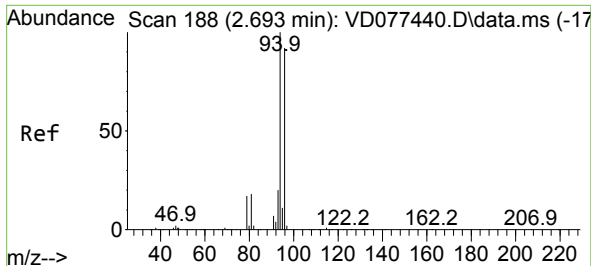
Tgt Ion: 50 Resp: 82963
Ion Ratio Lower Upper
50 100
52 31.5 26.6 40.0



#4
Vinyl Chloride
Concen: 49.559 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion: 62 Resp: 120188
Ion Ratio Lower Upper
62 100
64 33.0 26.0 39.0

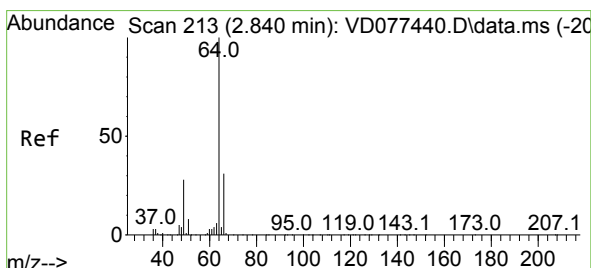
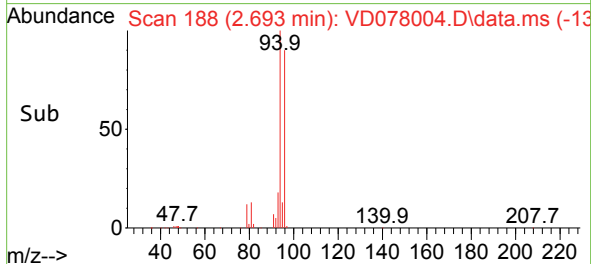
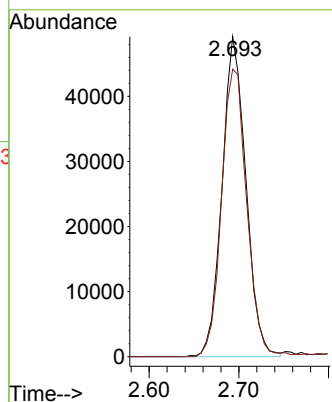
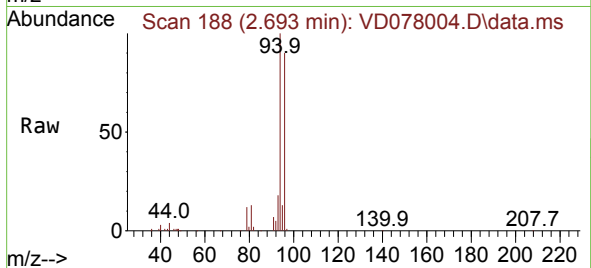




#5
Bromomethane
Concen: 66.729 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

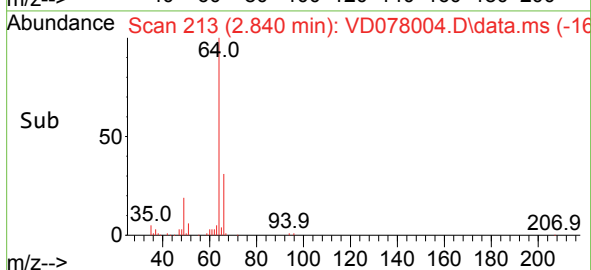
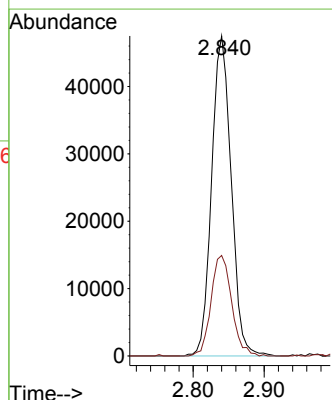
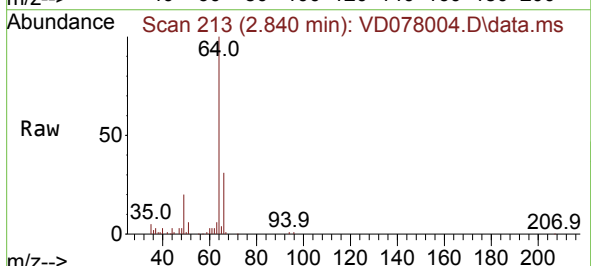
Instrument :
MSVOA_D
ClientSampleId :

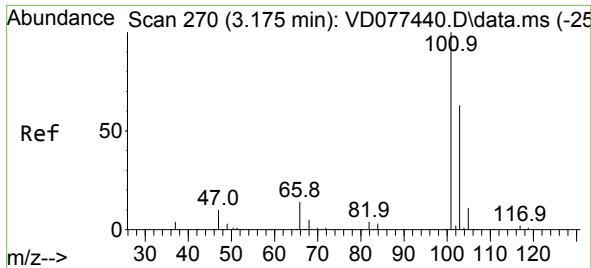
Tgt Ion: 94 Resp: 90806
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.8



#6
Chloroethane
Concen: 54.946 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion: 64 Resp: 90848
Ion Ratio Lower Upper
64 100
66 31.4 25.5 38.3

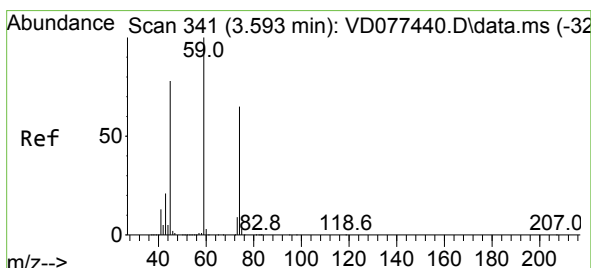
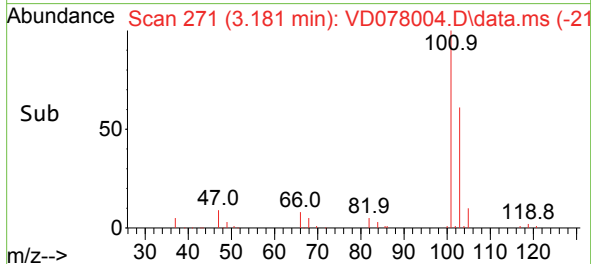
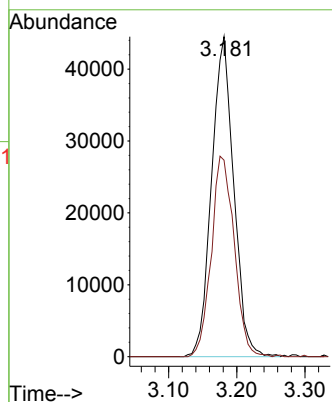
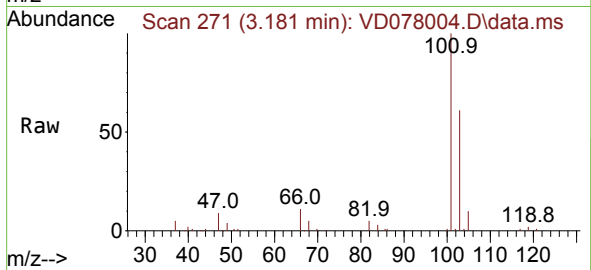




#7
Trichlorofluoromethane
Concen: 45.029 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

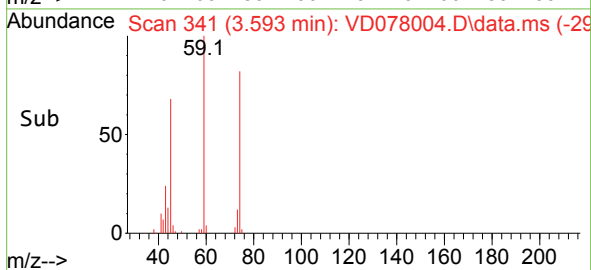
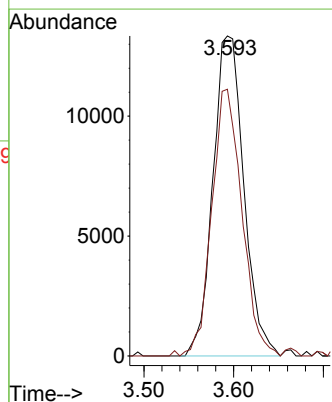
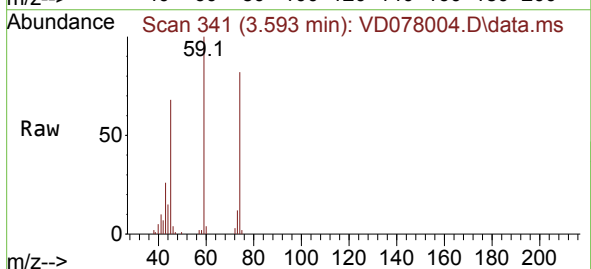
Instrument :
MSVOA_D
ClientSampleId :

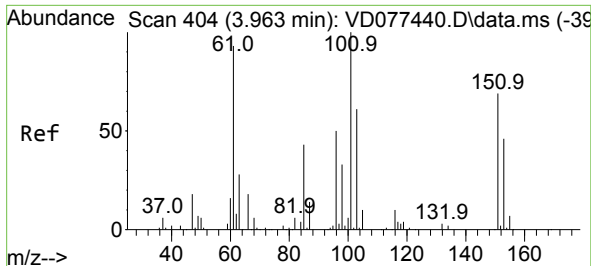
Tgt Ion:101 Resp: 100576
Ion Ratio Lower Upper
101 100
103 61.4 52.3 78.5



#8
Diethyl Ether
Concen: 50.905 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078004.D
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Tgt Ion: 74 Resp: 31927
Ion Ratio Lower Upper
74 100
45 81.4 37.5 112.7

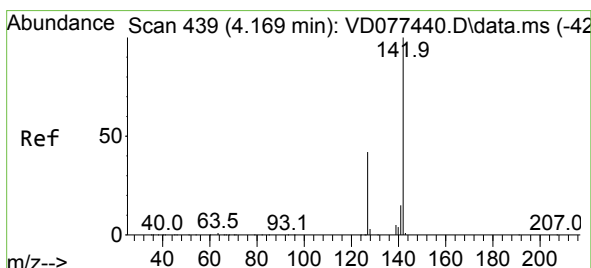
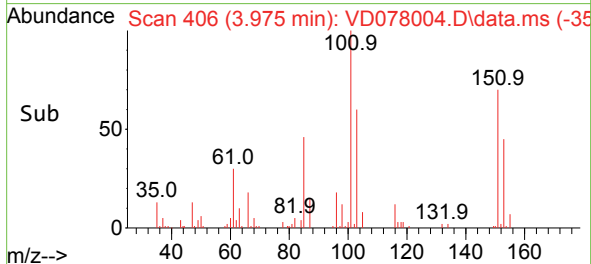
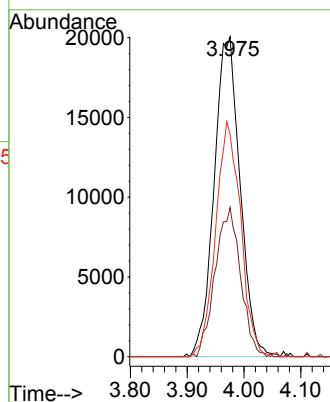
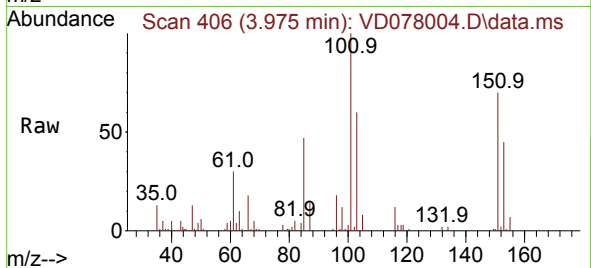




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.858 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

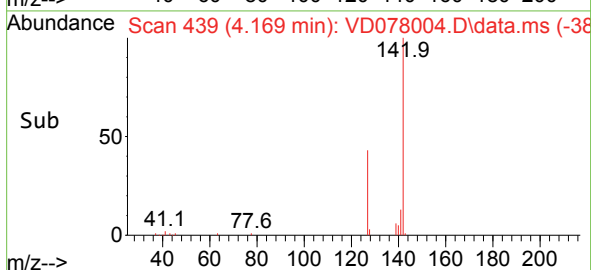
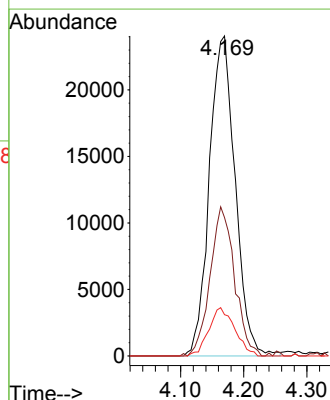
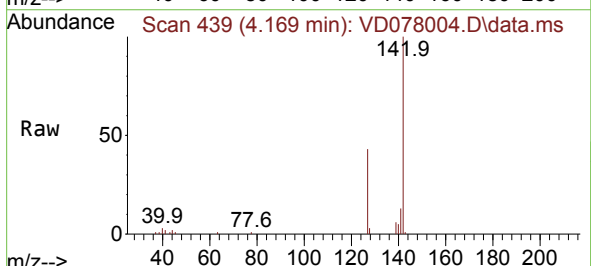
Instrument :
MSVOA_D
ClientSampleId :

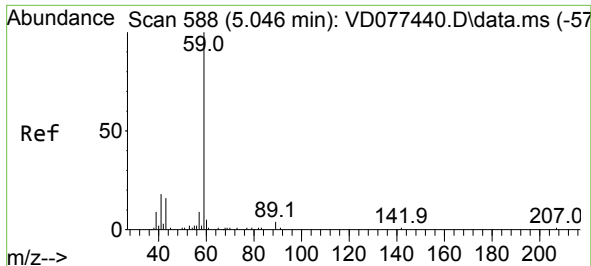
Tgt Ion:101 Resp: 63708
Ion Ratio Lower Upper
101 100
85 45.7 33.8 50.6
151 70.6 59.8 89.6



#10
Methyl Iodide
Concen: 59.527 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

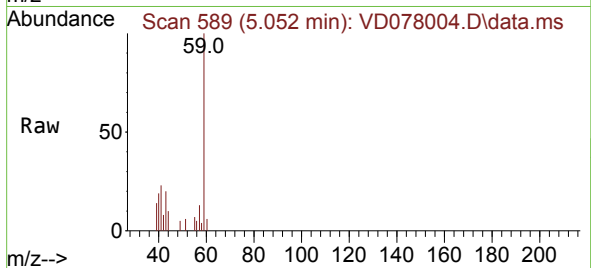
Tgt Ion:142 Resp: 68327
Ion Ratio Lower Upper
142 100
127 44.1 29.4 44.0#
141 15.2 11.1 16.7



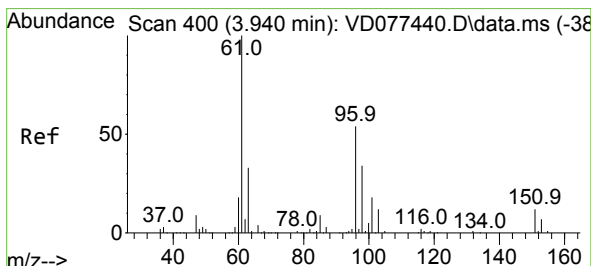
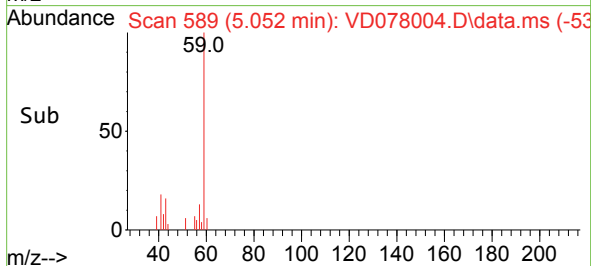
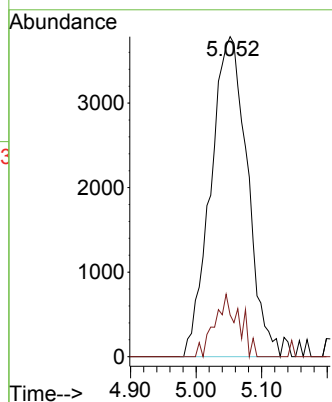


#11
Tert butyl alcohol
Concen: 246.275 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :

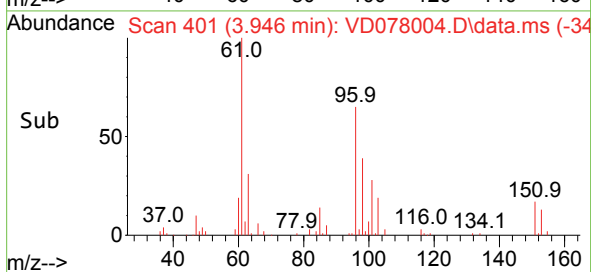
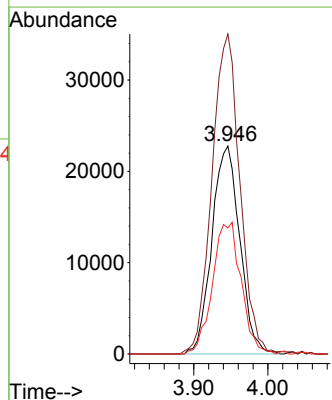
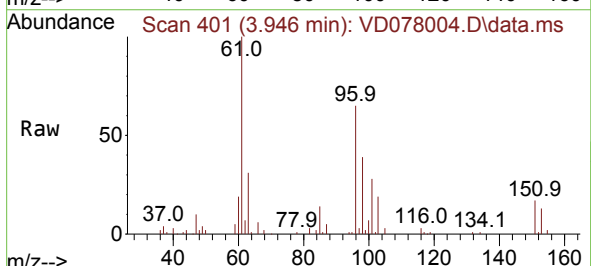


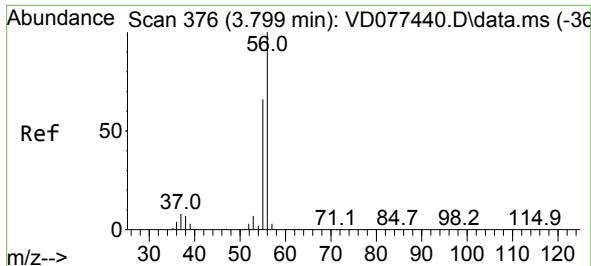
Tgt Ion: 59 Resp: 14672
Ion Ratio Lower Upper
59 100
57 12.9 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 47.199 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

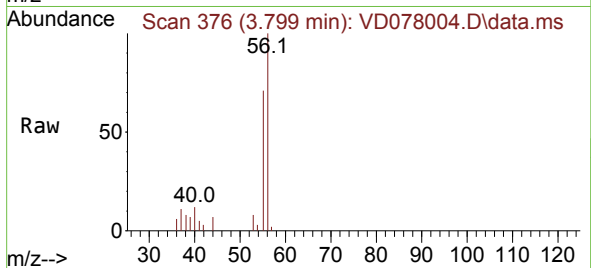
Tgt Ion: 96 Resp: 59525
Ion Ratio Lower Upper
96 100
61 153.8 100.6 150.8#
98 60.6 50.2 75.2



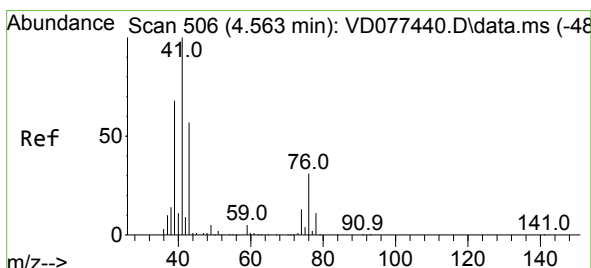
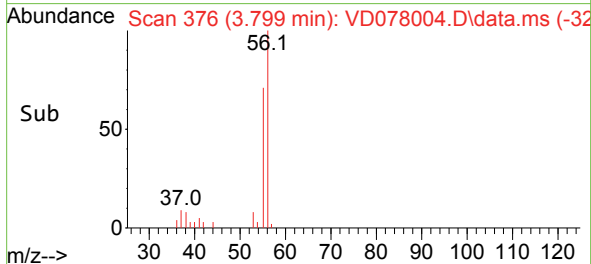
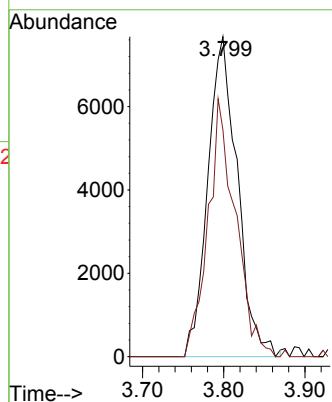


#13
Acrolein
Concen: 148.260 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :

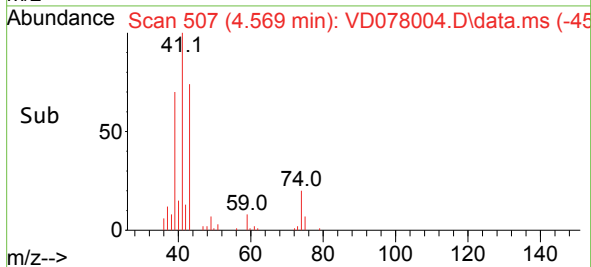
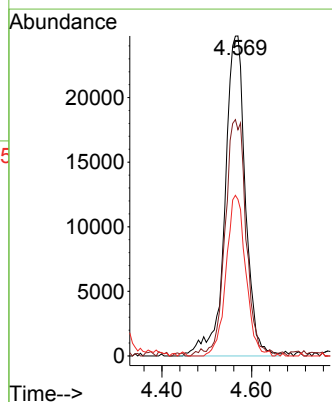
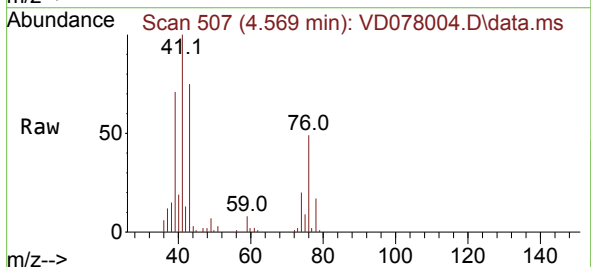


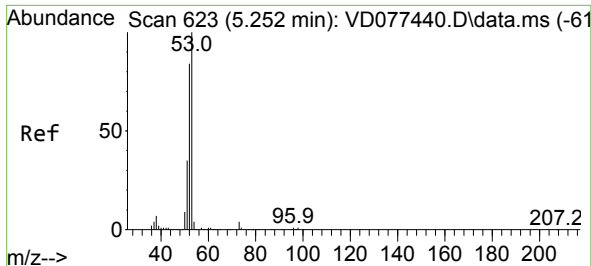
Tgt Ion: 56 Resp: 19389
Ion Ratio Lower Upper
56 100
55 75.0 55.1 82.7



#14
Allyl chloride
Concen: 45.440 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

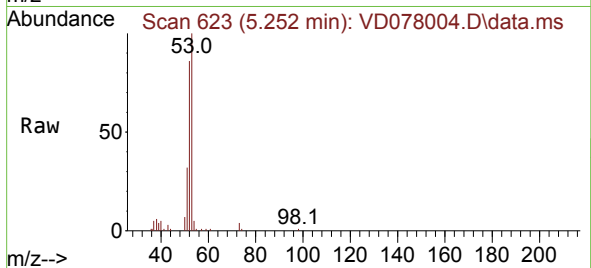
Tgt Ion: 41 Resp: 78816
Ion Ratio Lower Upper
41 100
39 76.1 53.8 80.6
76 48.1 45.8 68.8



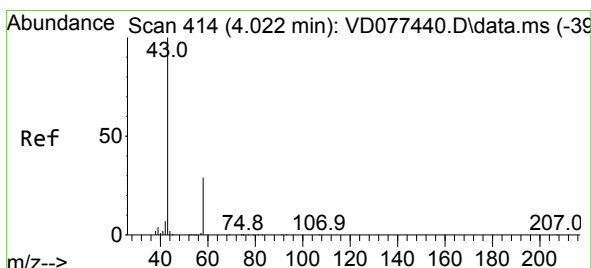
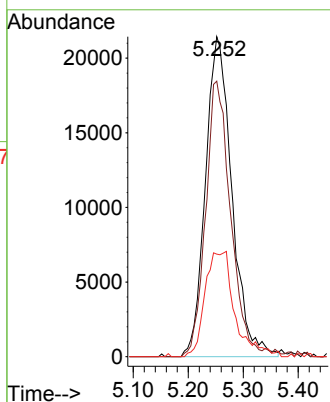
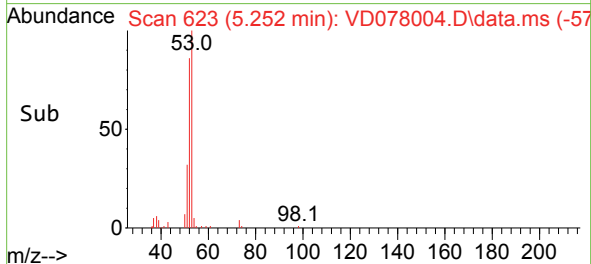


#15
Acrylonitrile
Concen: 267.217 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

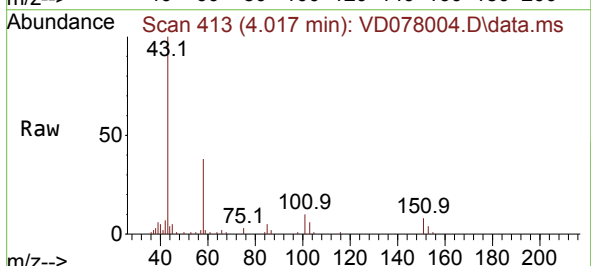
Instrument :
MSVOA_D
ClientSampleId :



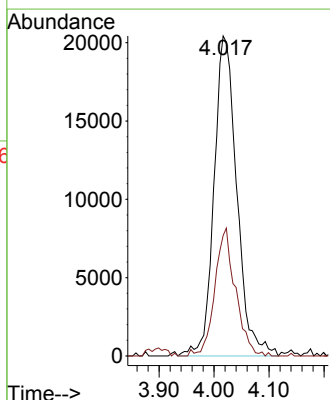
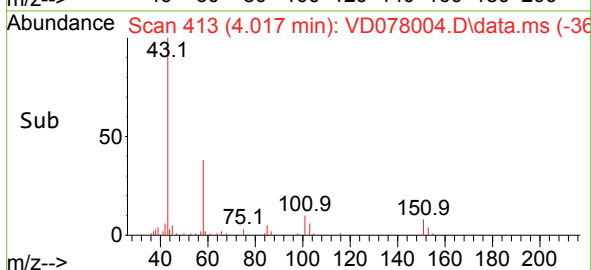
Tgt Ion: 53 Resp: 71757
Ion Ratio Lower Upper
53 100
52 80.9 65.0 97.4
51 36.7 28.3 42.5

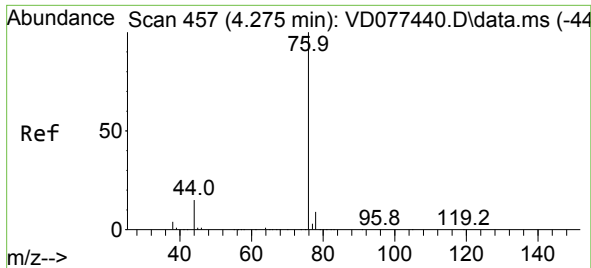


#16
Acetone
Concen: 216.090 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03



Tgt Ion: 43 Resp: 58880
Ion Ratio Lower Upper
43 100
58 37.7 34.7 52.1

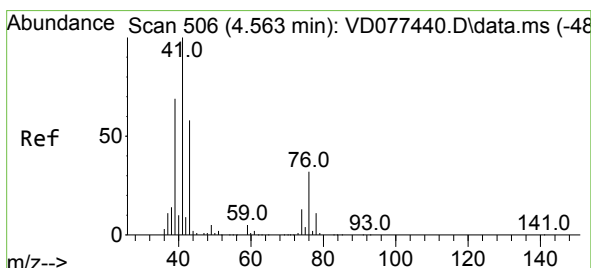
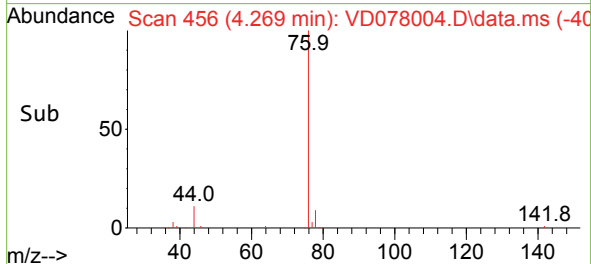
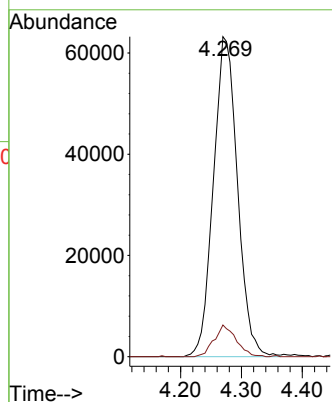
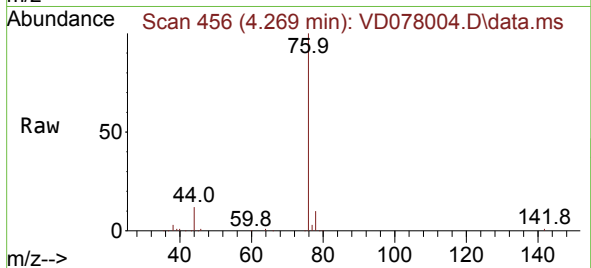




#17
Carbon Disulfide
Concen: 40.724 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

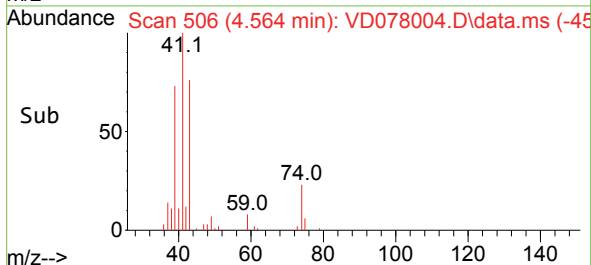
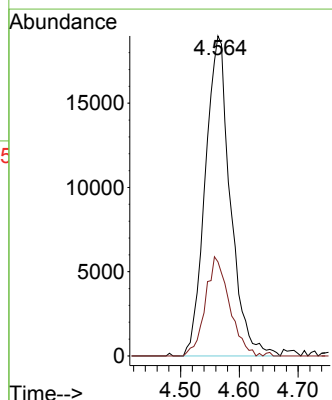
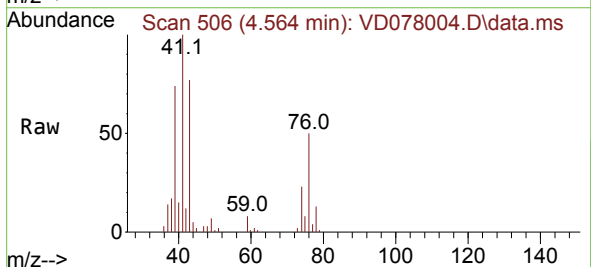
Instrument :
MSVOA_D
ClientSampleId :

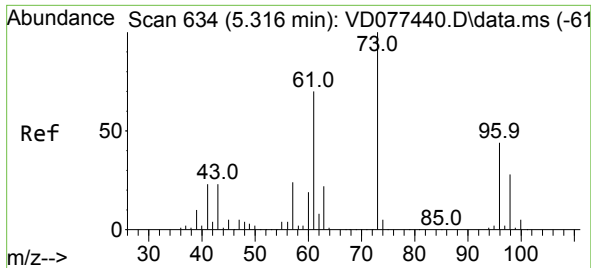
Tgt Ion: 76 Resp: 173755
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2



#18
Methyl Acetate
Concen: 57.694 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion: 43 Resp: 56174
Ion Ratio Lower Upper
43 100
74 29.9 26.4 39.6

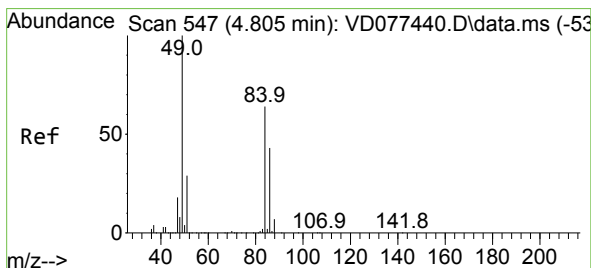
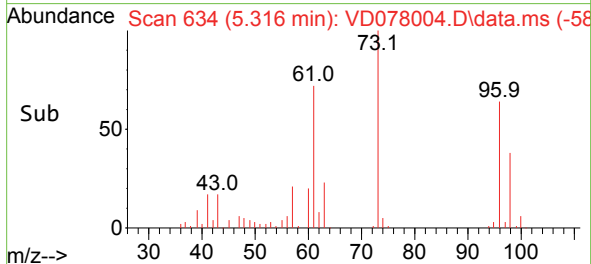
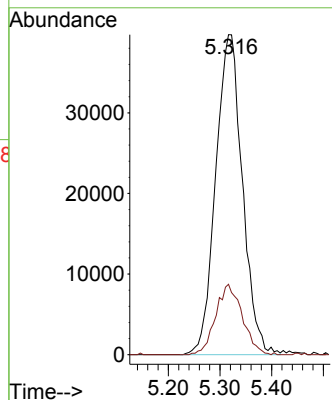
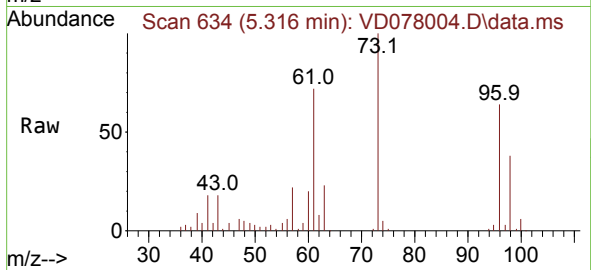




#19
Methyl tert-butyl Ether
Concen: 53.247 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

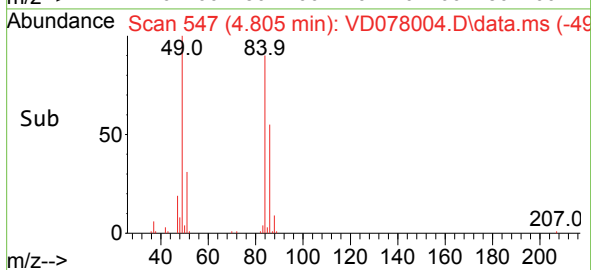
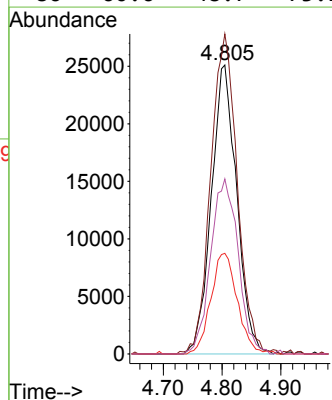
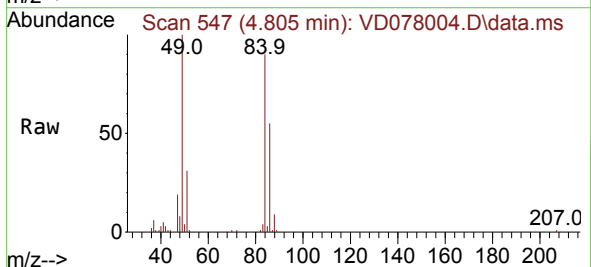
Instrument :
MSVOA_D
ClientSampleId :

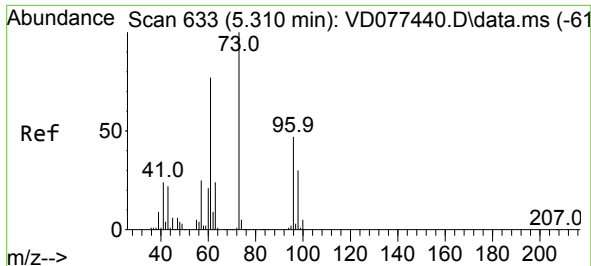
Tgt Ion: 73 Resp: 142473
Ion Ratio Lower Upper
73 100
57 22.0 16.6 25.0



#20
Methylene Chloride
Concen: 51.667 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

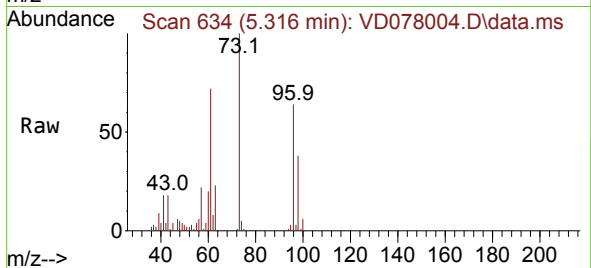
Tgt Ion: 84 Resp: 75410
Ion Ratio Lower Upper
84 100
49 110.7 71.4 107.2#
51 34.8 24.5 36.7
86 60.6 48.7 73.1



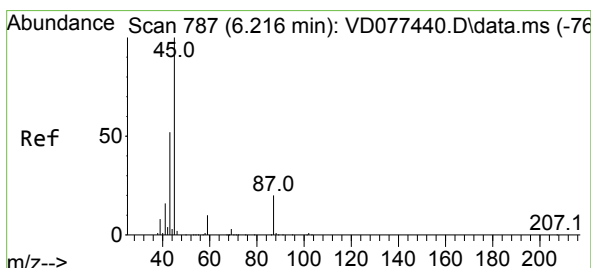
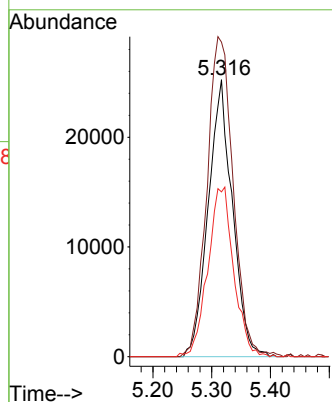
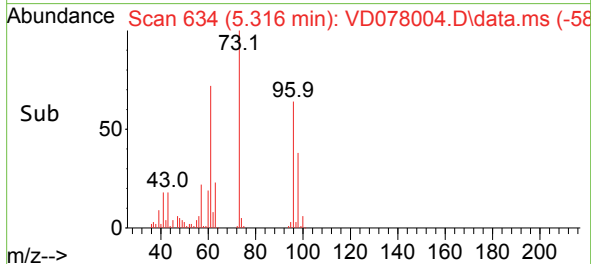


#21
trans-1,2-Dichloroethene
Concen: 50.479 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :

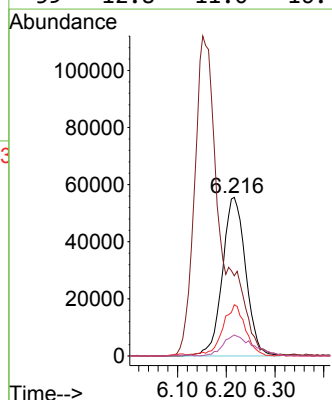
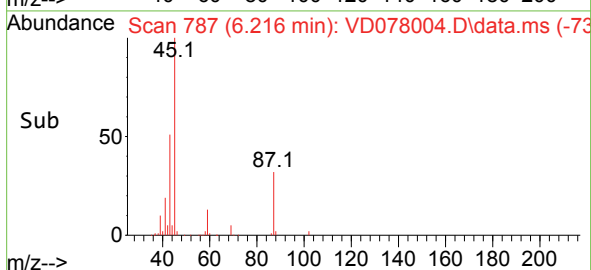
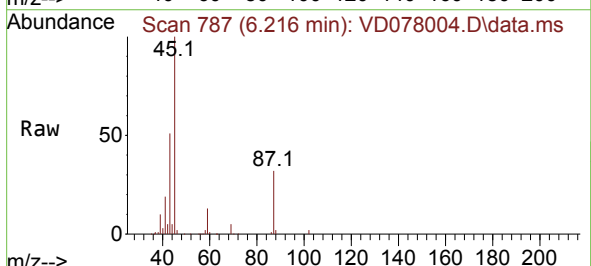


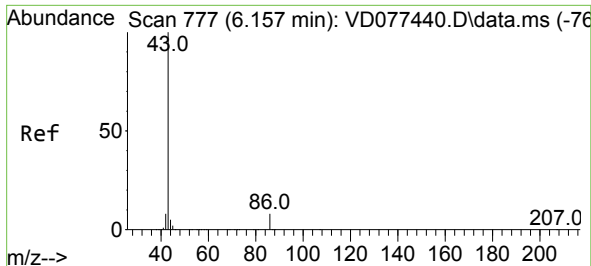
Tgt Ion: 96 Resp: 72107
Ion Ratio Lower Upper
96 100
61 113.6 89.3 133.9
98 59.5 48.6 73.0



#22
Diisopropyl ether
Concen: 50.929 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

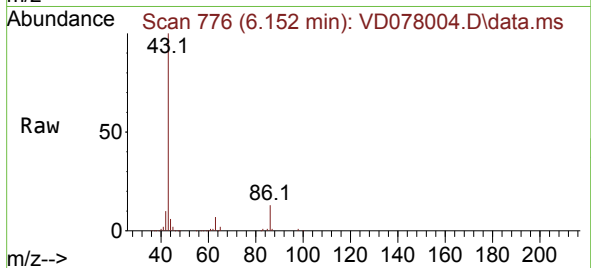
Tgt Ion: 45 Resp: 184599
Ion Ratio Lower Upper
45 100
43 49.3 40.0 60.0
87 31.8 28.2 42.4
59 12.8 11.0 16.4



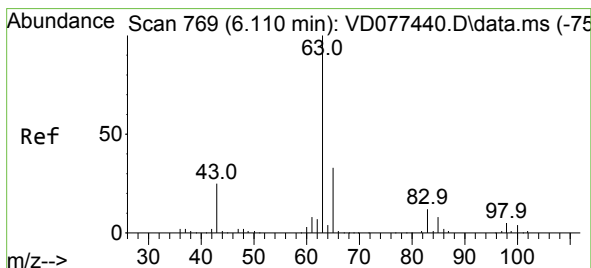
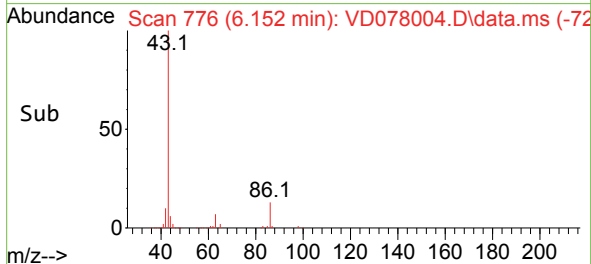
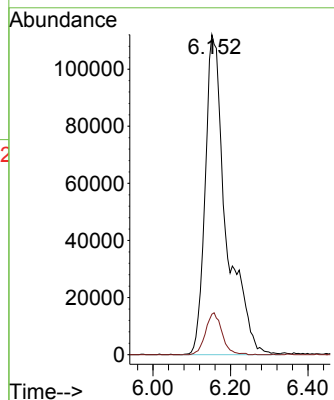


#23
 Vinyl Acetate
 Concen: 239.053 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD078004.D
 Acq: 20 Dec 2023 19:03

Instrument :
 MSVOA_D
 ClientSampleId :

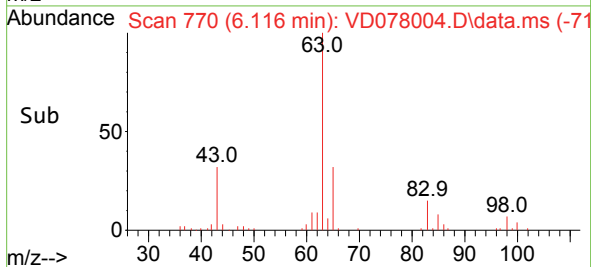
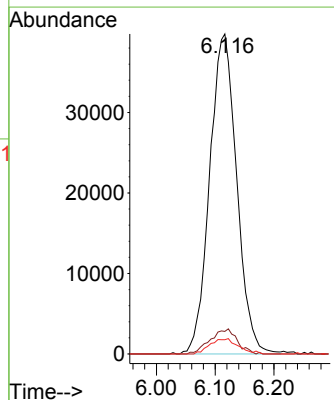
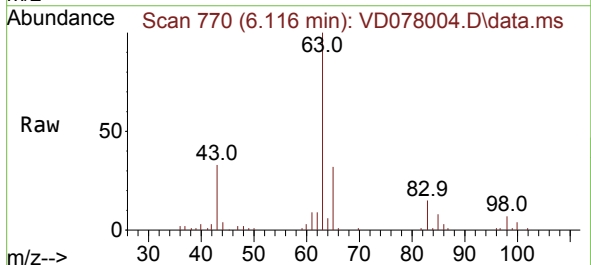


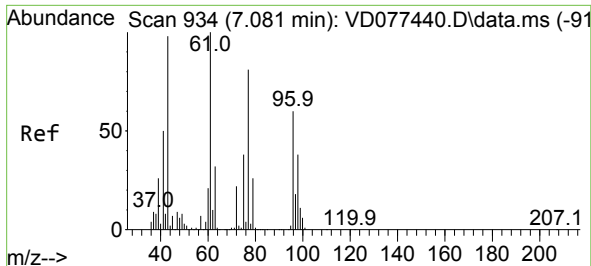
Tgt Ion: 43 Resp: 423136
 Ion Ratio Lower Upper
 43 100
 86 12.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 51.767 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078004.D
 Acq: 20 Dec 2023 19:03

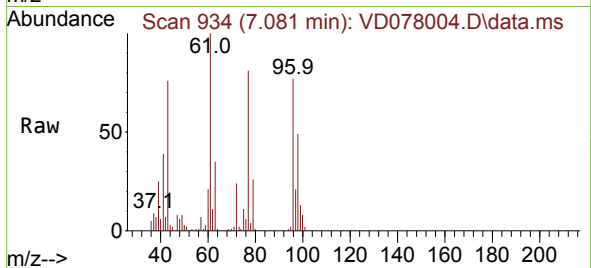
Tgt Ion: 63 Resp: 127068
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.5 13.7
 100 4.4 2.5 7.5



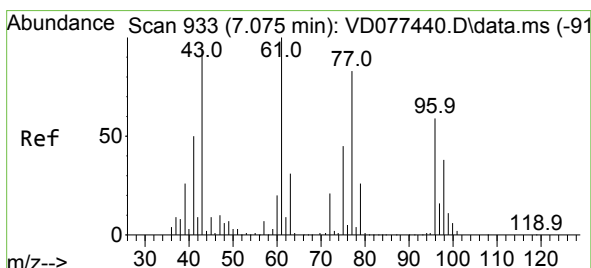
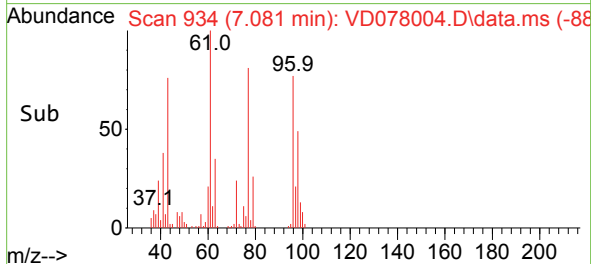
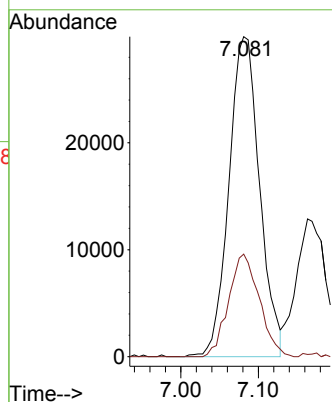


#25
2-Butanone
Concen: 242.075 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :

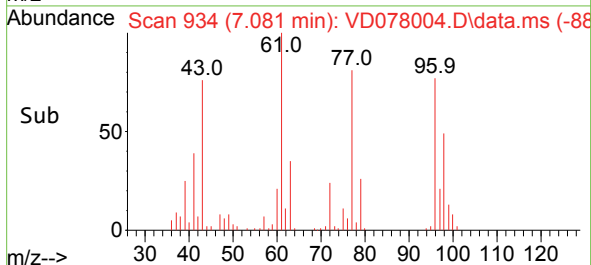
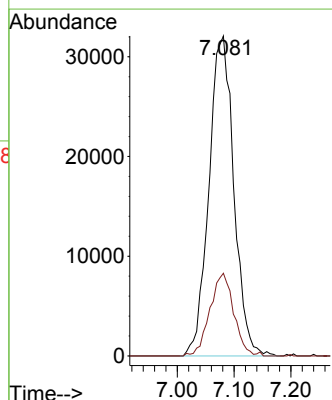
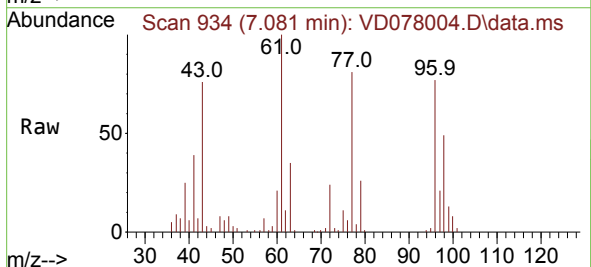


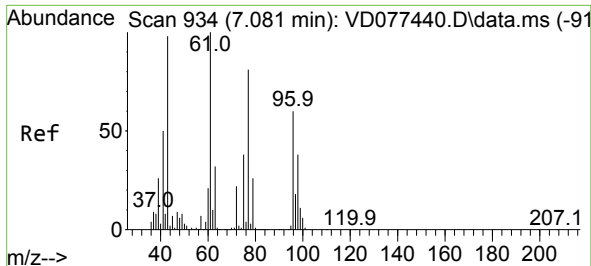
Tgt Ion: 43 Resp: 82428
Ion Ratio Lower Upper
43 100
72 32.1 30.7 46.1



#26
2,2-Dichloropropane
Concen: 47.487 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

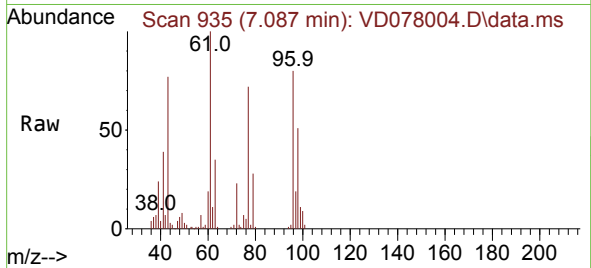
Tgt Ion: 77 Resp: 97866
Ion Ratio Lower Upper
77 100
97 24.8 13.2 39.6



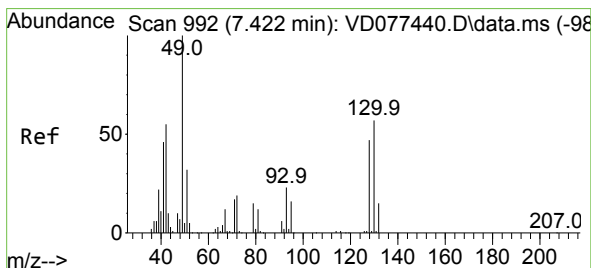
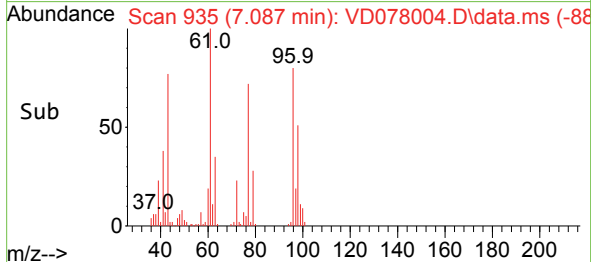
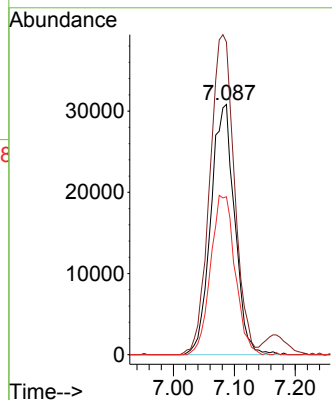


#27
 cis-1,2-Dichloroethene
 Concen: 54.764 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078004.D
 Acq: 20 Dec 2023 19:03

Instrument :
 MSVOA_D
 ClientSampleId :

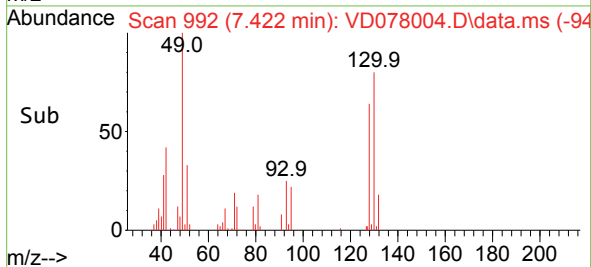
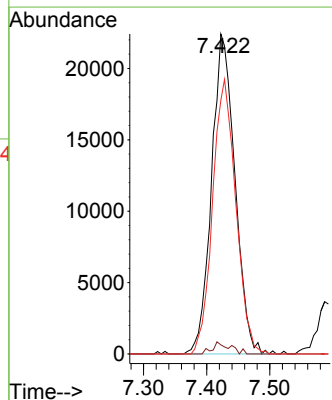
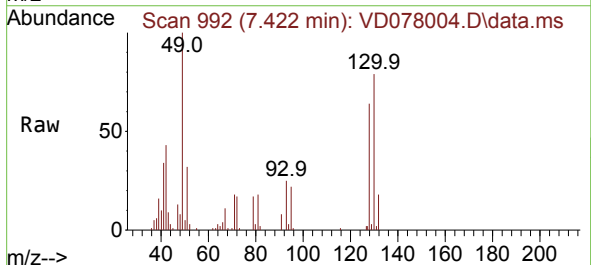


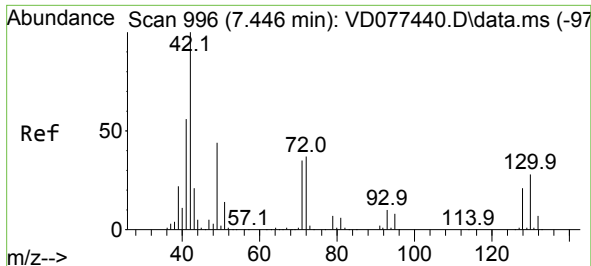
Tgt Ion: 96 Resp: 84174
 Ion Ratio Lower Upper
 96 100
 61 131.7 0.0 239.2
 98 65.1 0.0 128.6



#28
 Bromochloromethane
 Concen: 58.163 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD078004.D
 Acq: 20 Dec 2023 19:03

Tgt Ion: 49 Resp: 57689
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 6.0
 130 85.1 83.2 124.8





#29

Tetrahydrofuran

Concen: 257.558 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

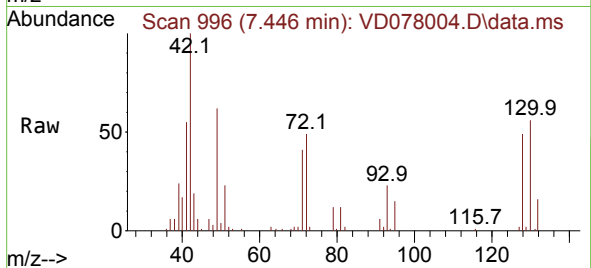
Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :



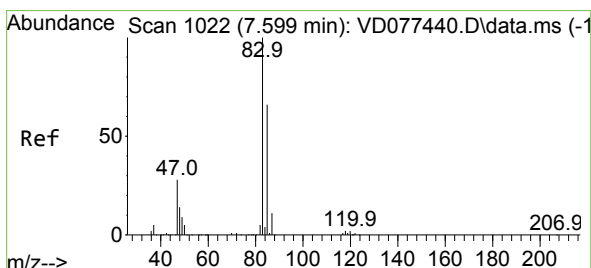
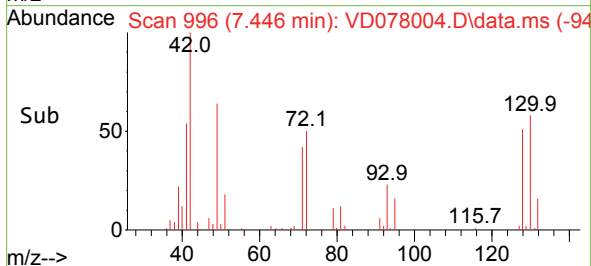
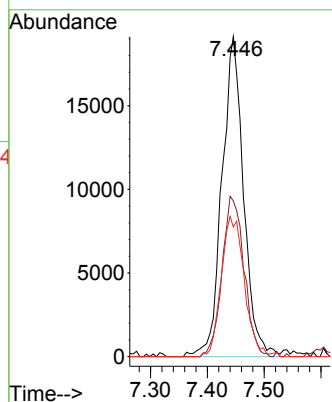
Tgt Ion: 42 Resp: 50705

Ion Ratio Lower Upper

42 100

72 50.6 46.5 69.7

71 47.0 44.5 66.7



#30

Chloroform

Concen: 54.956 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078004.D

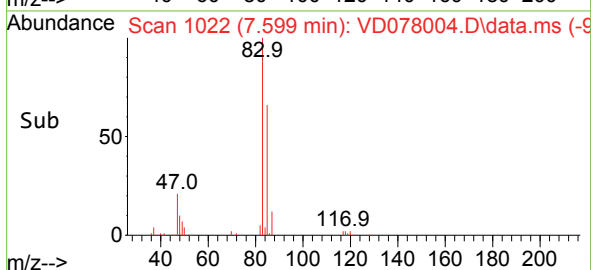
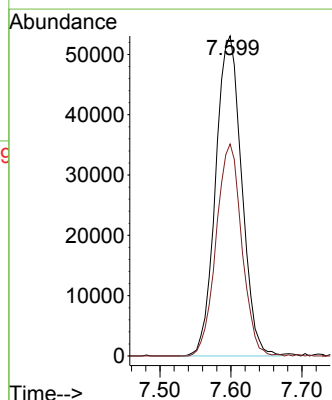
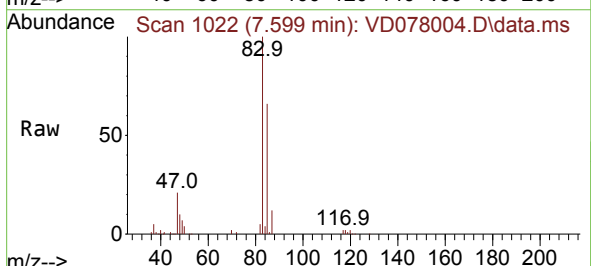
Acq: 20 Dec 2023 19:03

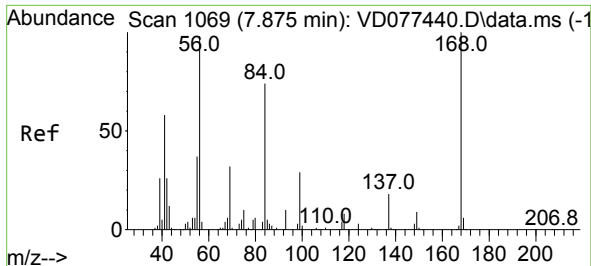
Tgt Ion: 83 Resp: 135005

Ion Ratio Lower Upper

83 100

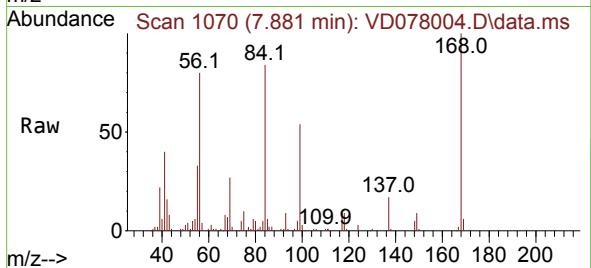
85 66.2 53.4 80.2



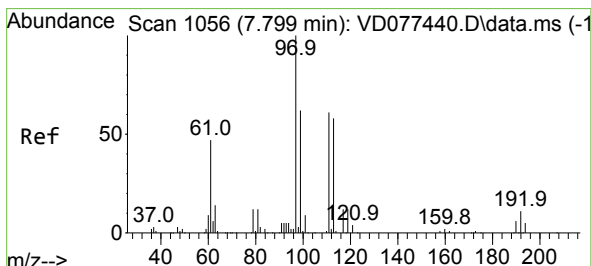
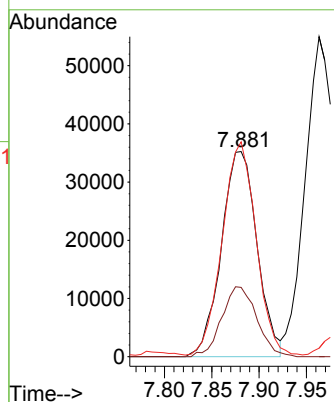
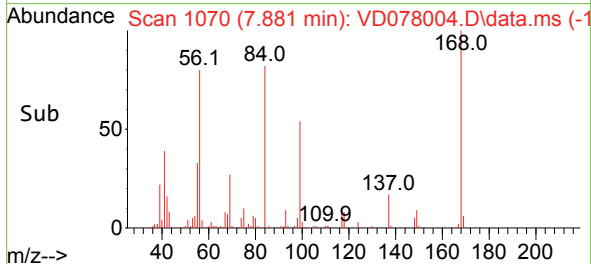


#31
Cyclohexane
Concen: 42.016 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :

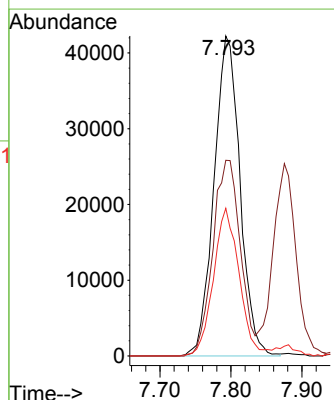
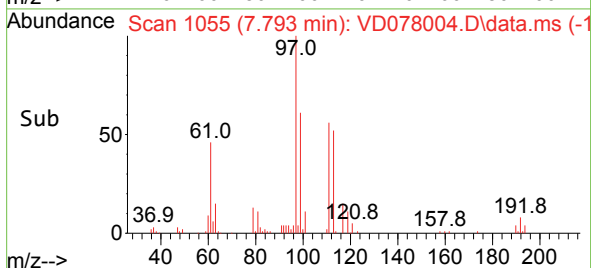
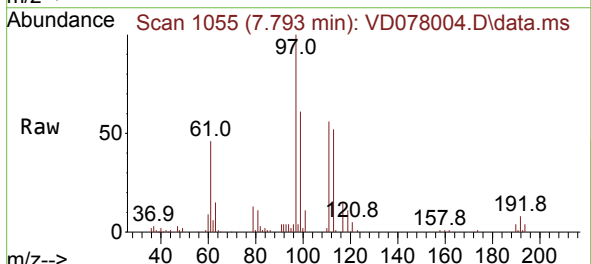


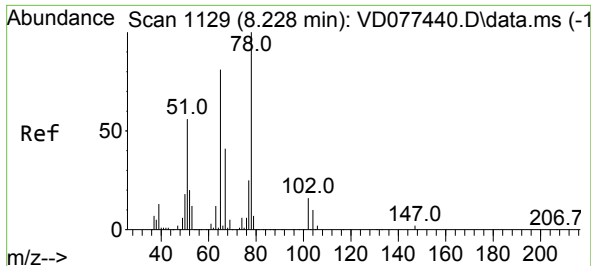
Tgt Ion: 56 Resp: 92392
Ion Ratio Lower Upper
56 100
69 33.8 28.6 43.0
84 103.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 49.573 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion: 97 Resp: 107357
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 45.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 56.792 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

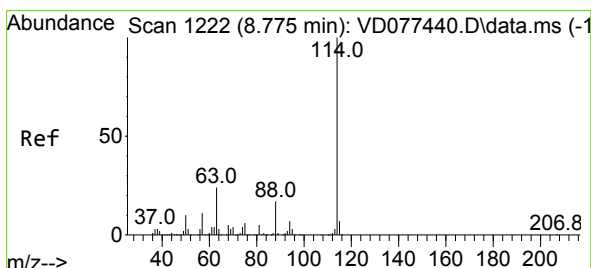
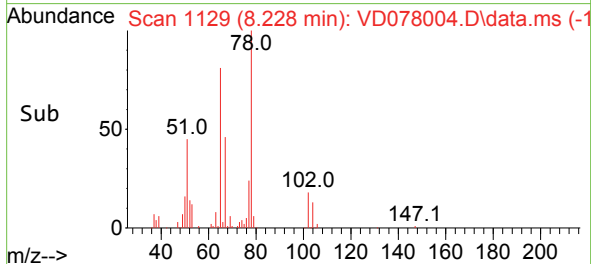
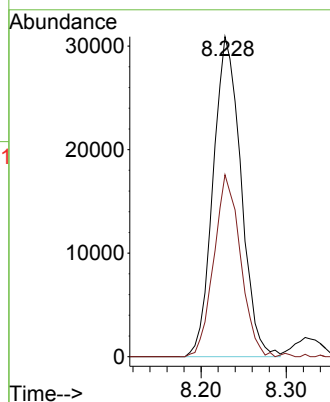
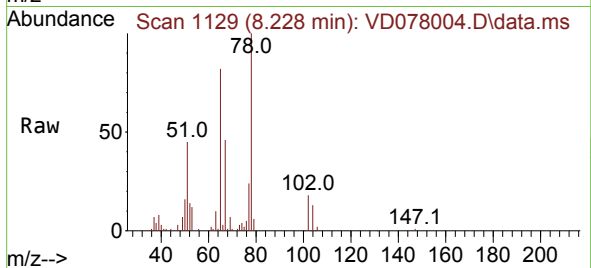
ClientSampleId :

Tgt Ion: 65 Resp: 70212

Ion Ratio Lower Upper

65 100

67 54.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

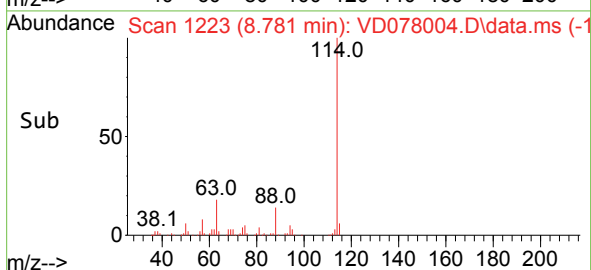
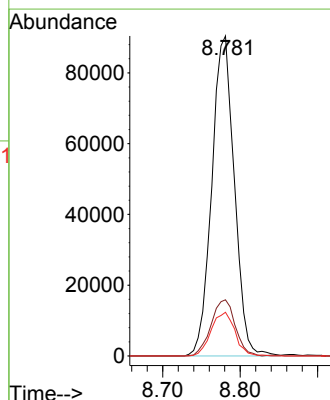
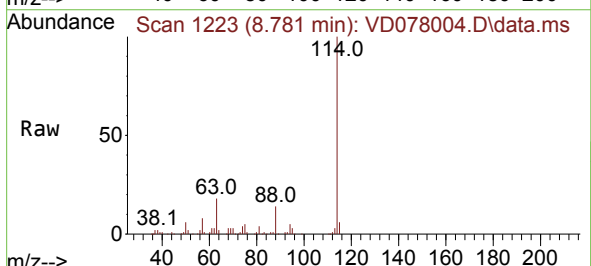
Tgt Ion: 114 Resp: 182823

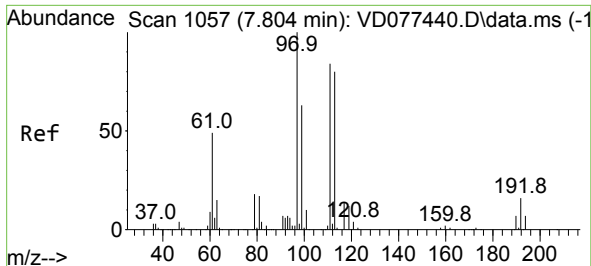
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 13.6 0.0 26.2

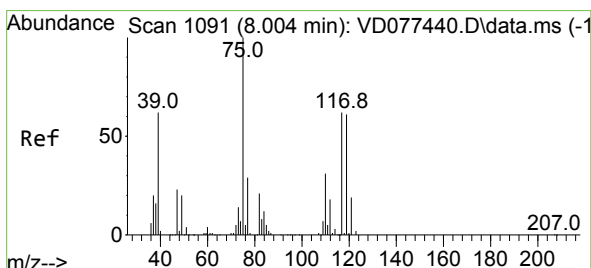
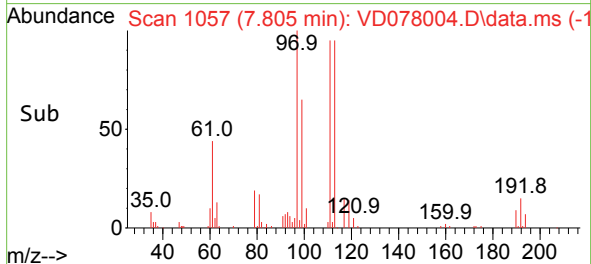
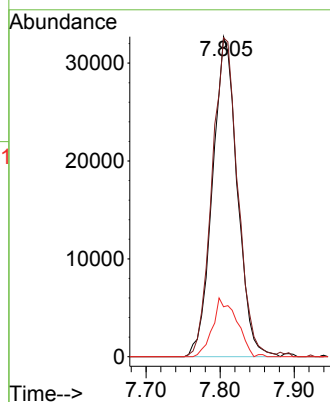
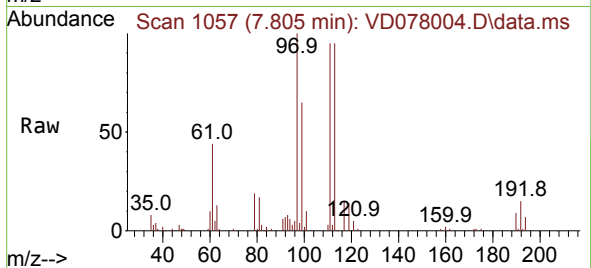




#35
Dibromofluoromethane
Concen: 59.369 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

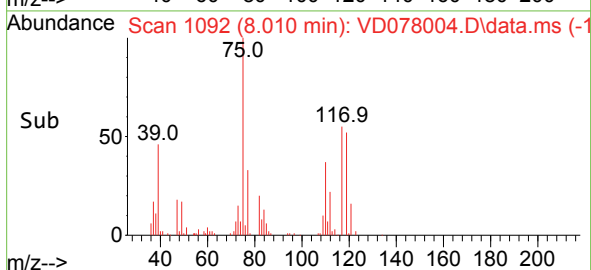
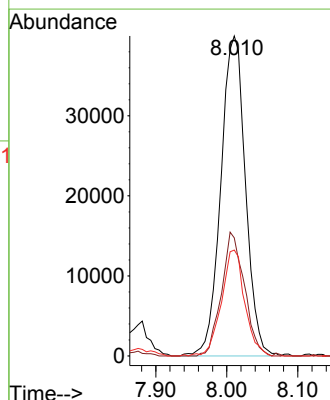
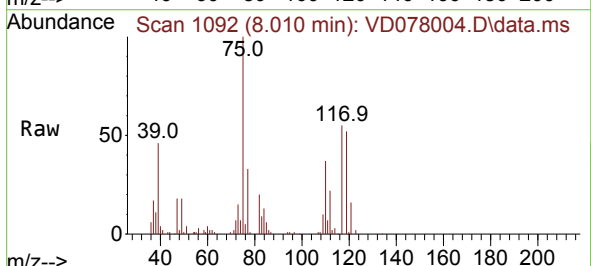
Instrument :
MSVOA_D
ClientSampleId :

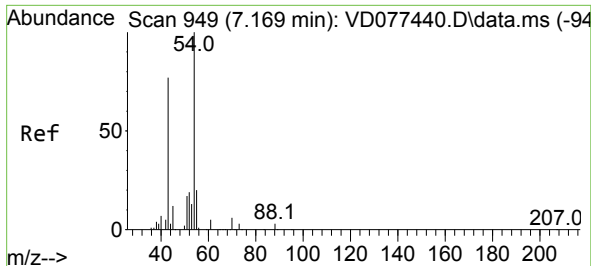
Tgt Ion:113 Resp: 76028
Ion Ratio Lower Upper
113 100
111 103.1 84.7 127.1
192 17.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 47.035 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion: 75 Resp: 96347
Ion Ratio Lower Upper
75 100
110 35.9 19.9 59.6
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 46.502 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

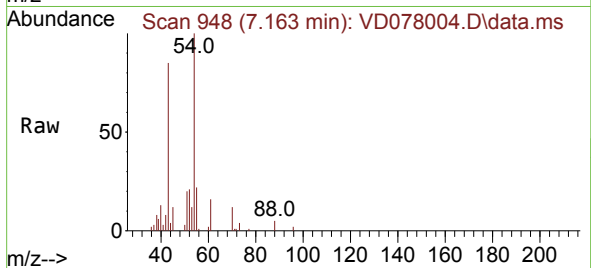
Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

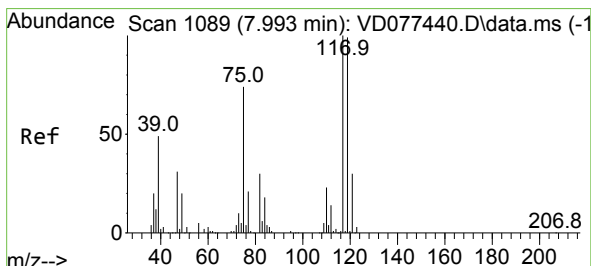
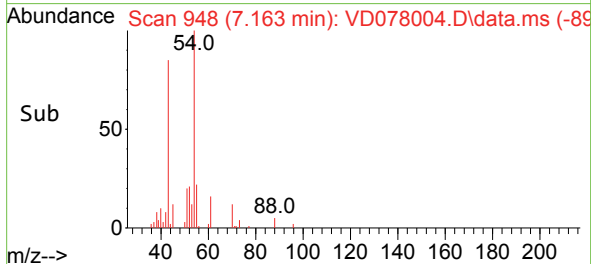
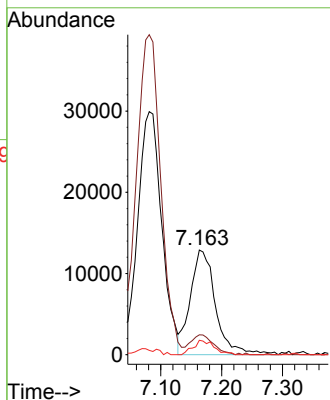
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	37142
Ion	Ratio	Lower	Upper
43	100		
61	16.7	14.9	22.3
70	11.3	10.0	15.0



#38

Carbon Tetrachloride

Concen: 47.486 ug/l

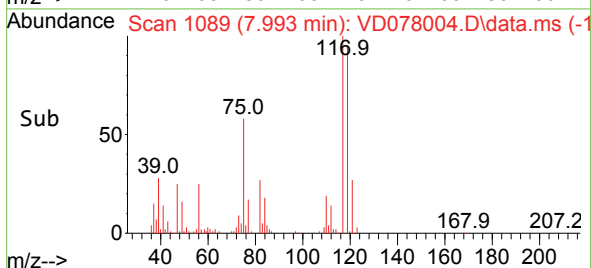
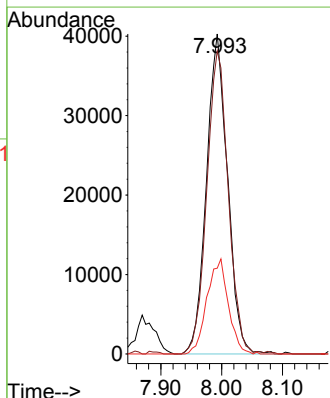
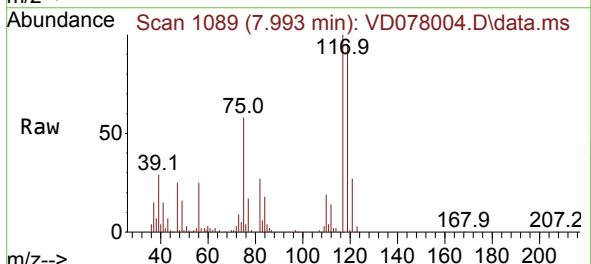
RT: 7.993 min Scan# 1089

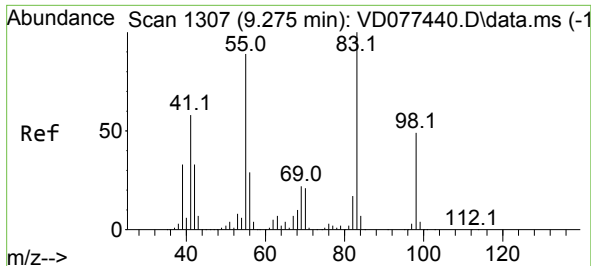
Delta R.T. -0.000 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Tgt Ion:	117	Resp:	96973
Ion	Ratio	Lower	Upper
117	100		
119	94.7	78.0	117.0
121	26.8	24.2	36.2





#39

Methylcyclohexane

Concen: 44.441 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :

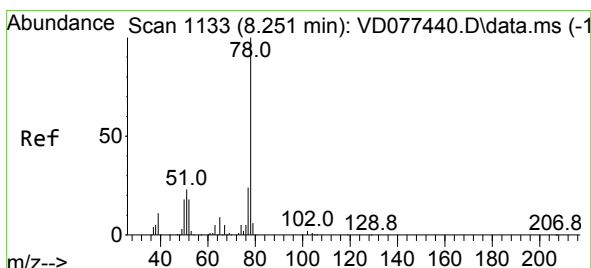
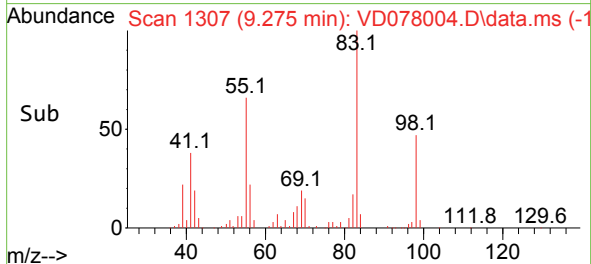
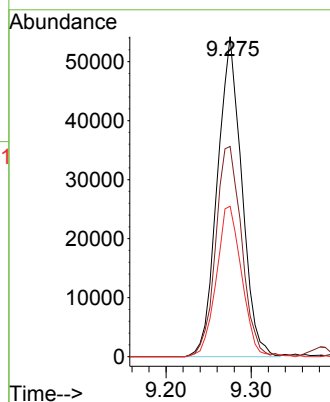
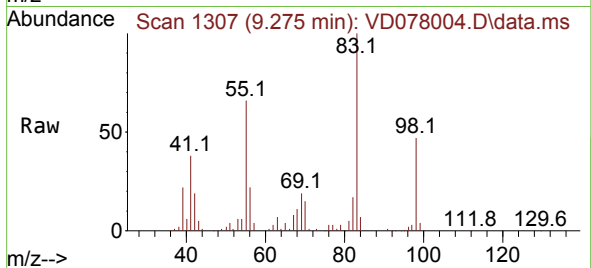
Tgt Ion: 83 Resp: 107919

Ion Ratio Lower Upper

83 100

55 65.7 49.4 74.0

98 47.0 38.4 57.6



#40

Benzene

Concen: 49.892 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD078004.D

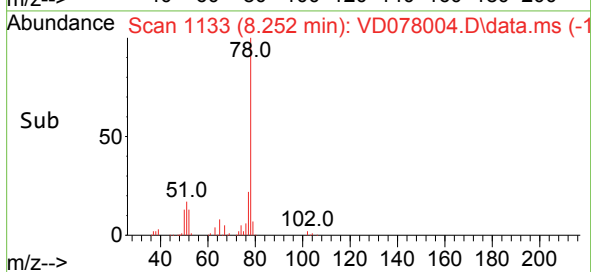
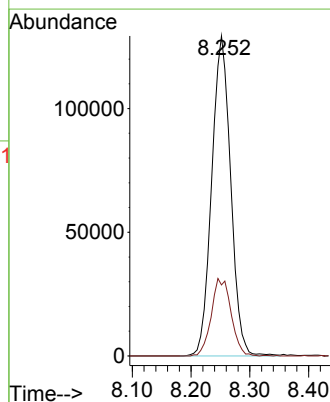
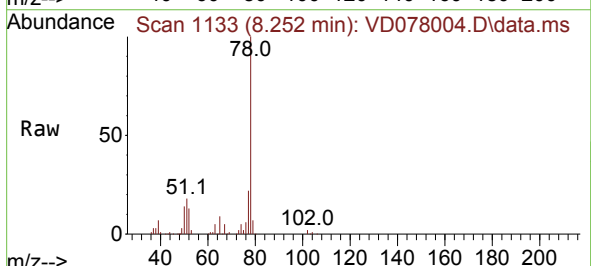
Acq: 20 Dec 2023 19:03

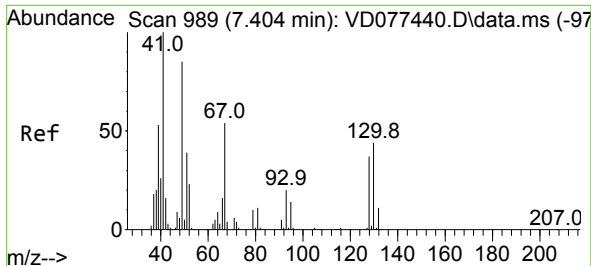
Tgt Ion: 78 Resp: 290062

Ion Ratio Lower Upper

78 100

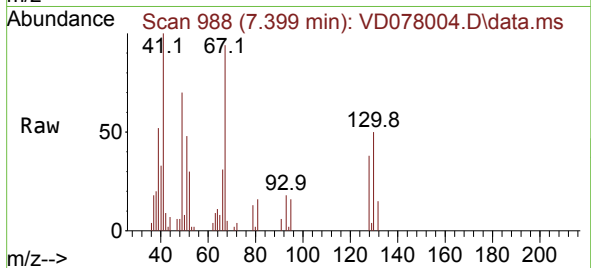
77 22.2 19.4 29.0



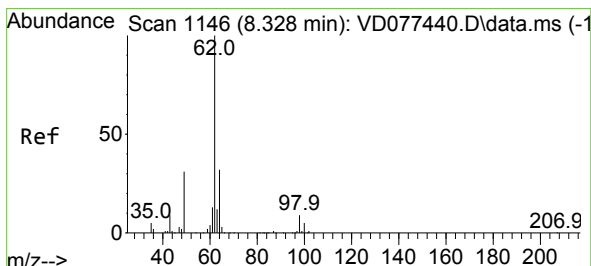
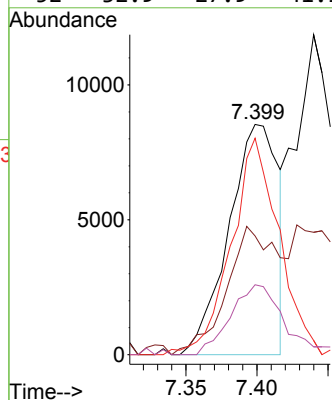
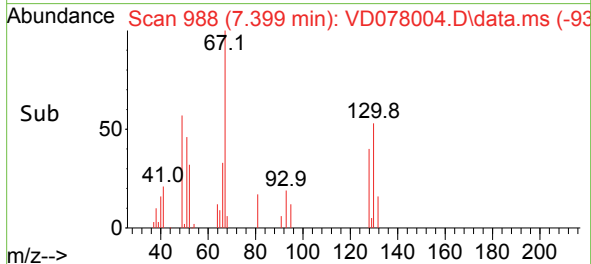


#41
Methacrylonitrile
Concen: 50.791 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

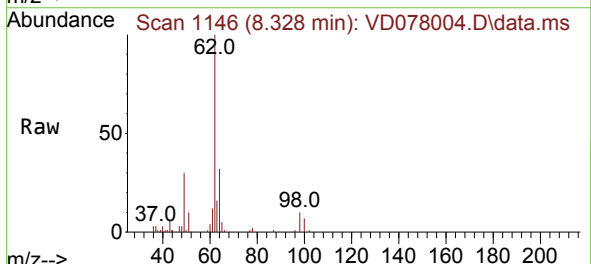
Instrument :
MSVOA_D
ClientSampleId :



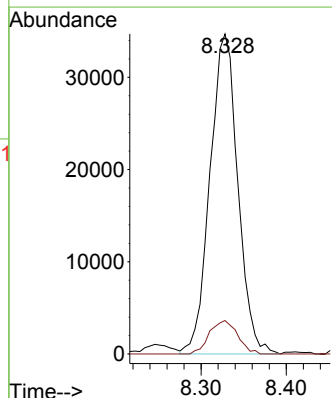
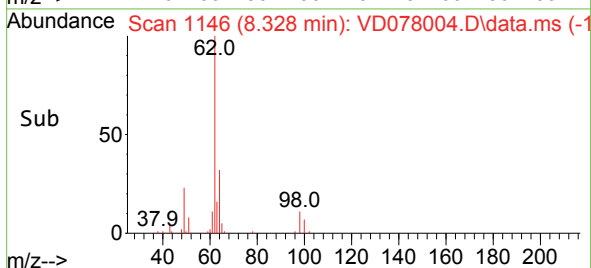
Tgt Ion: 41 Resp: 20619
Ion Ratio Lower Upper
41 100
39 61.3 34.0 51.0#
67 91.4 77.0 115.4
52 32.9 27.9 41.9

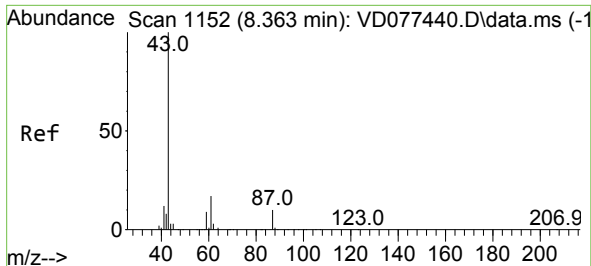


#42
1,2-Dichloroethane
Concen: 52.305 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03



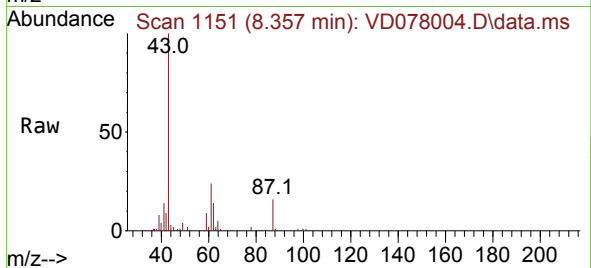
Tgt Ion: 62 Resp: 78824
Ion Ratio Lower Upper
62 100
98 10.5 0.0 25.4



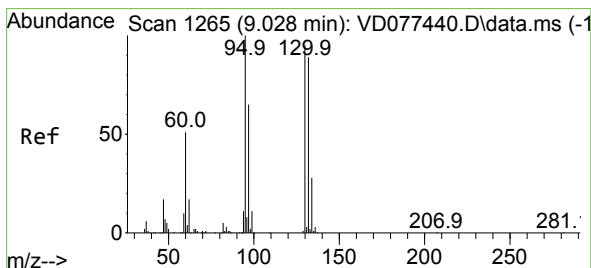
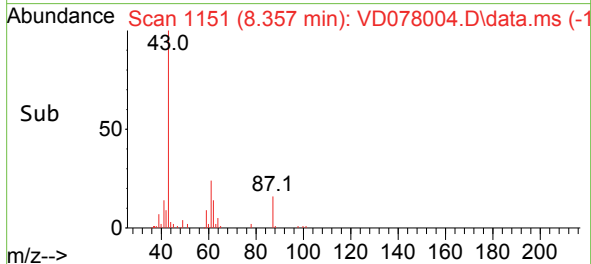
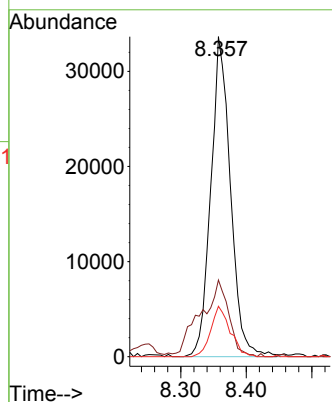


#43
Isopropyl Acetate
Concen: 49.383 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :

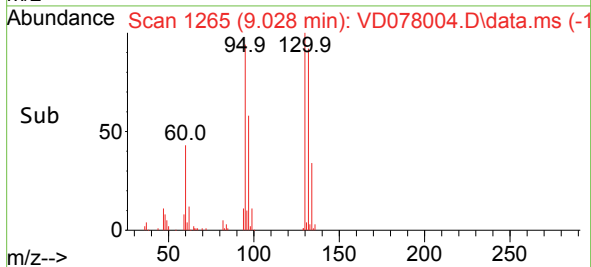
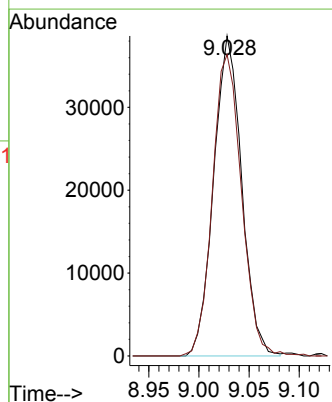
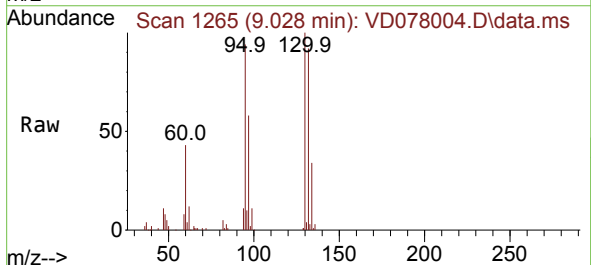


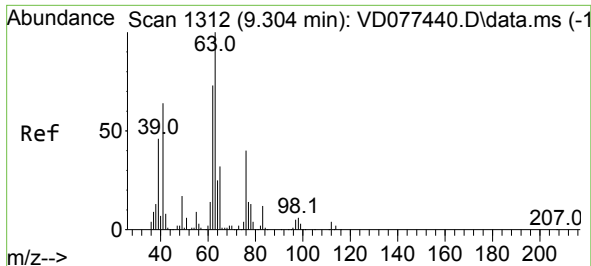
Tgt Ion: 43 Resp: 70115
Ion Ratio Lower Upper
43 100
61 34.7 31.4 47.0
87 15.6 14.9 22.3



#44
Trichloroethene
Concen: 49.336 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion:130 Resp: 74747
Ion Ratio Lower Upper
130 100
95 94.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 52.990 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

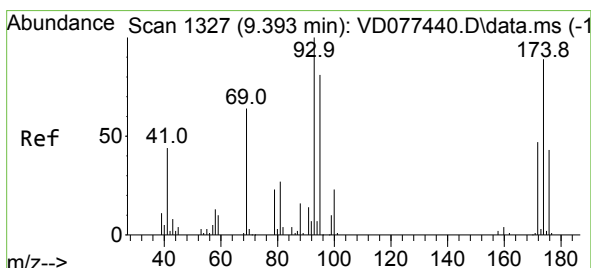
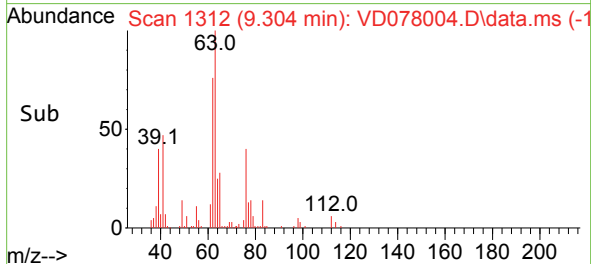
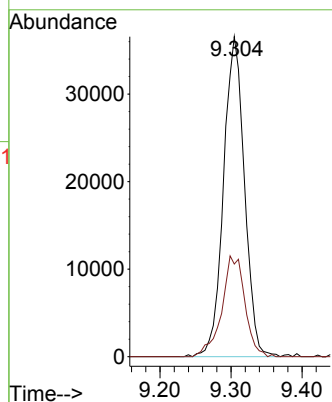
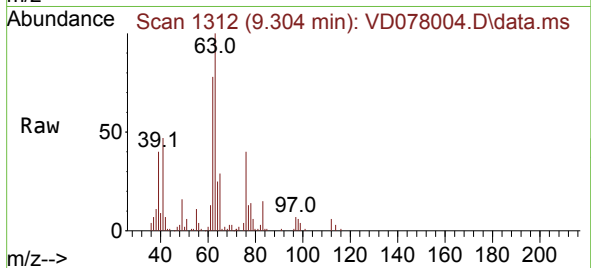
ClientSampleId :

Tgt Ion: 63 Resp: 74892

Ion Ratio Lower Upper

63 100

65 29.0 24.5 36.7



#46

Dibromomethane

Concen: 53.840 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

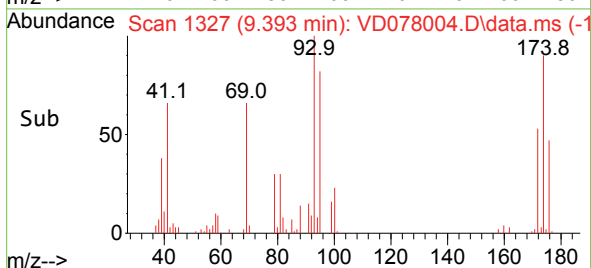
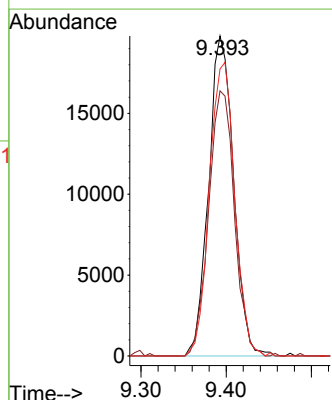
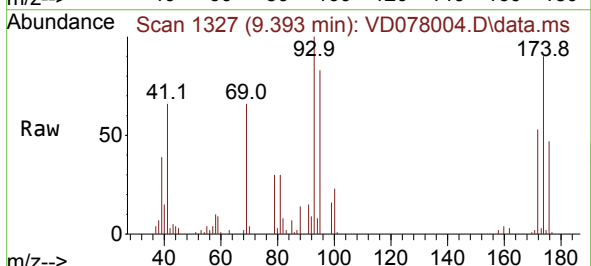
Tgt Ion: 93 Resp: 40262

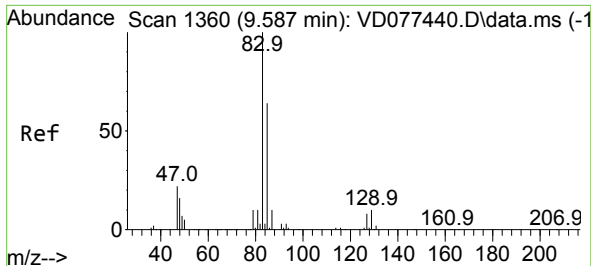
Ion Ratio Lower Upper

93 100

95 85.3 67.7 101.5

174 93.3 85.4 128.2

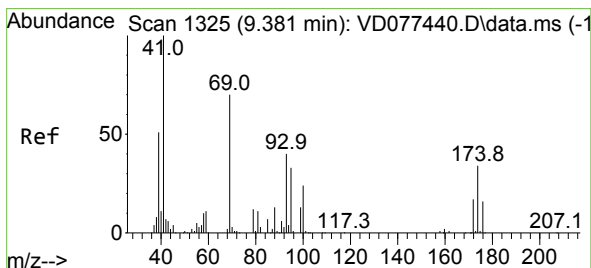
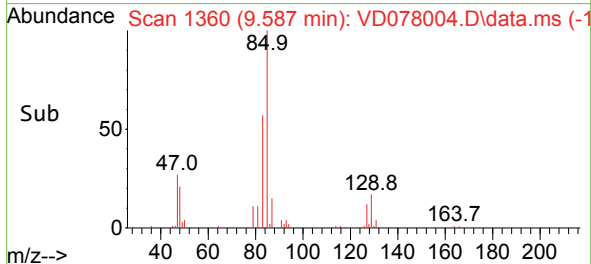
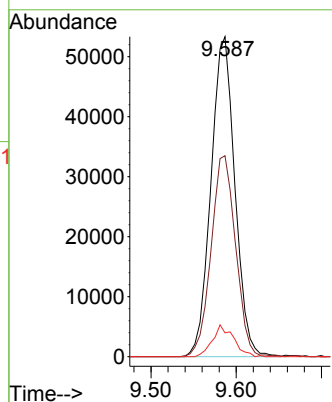
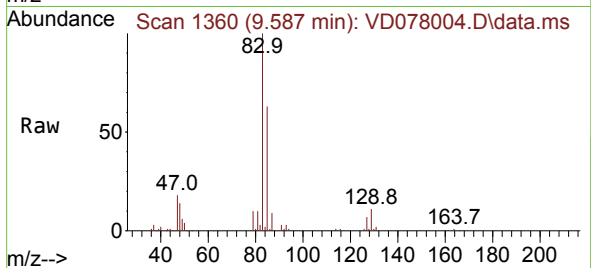




#47
Bromodichloromethane
Concen: 54.921 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

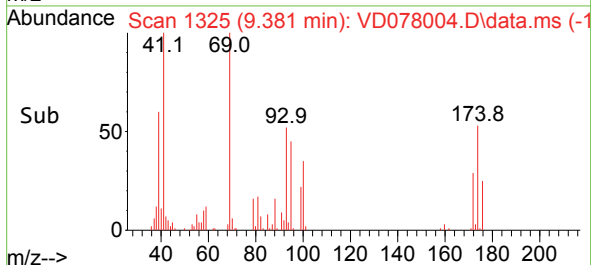
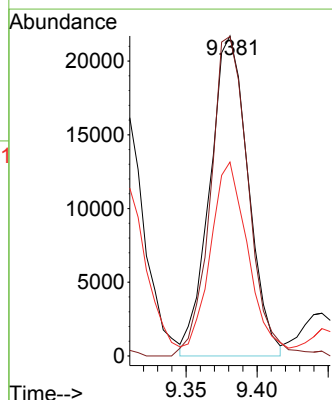
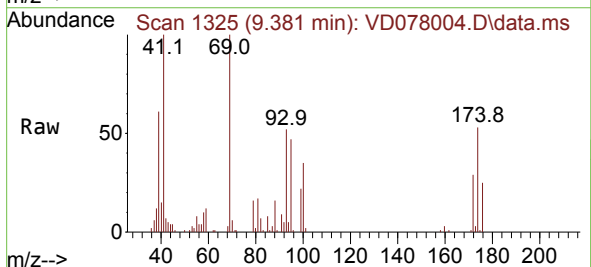
Instrument :
MSVOA_D
ClientSampleId :

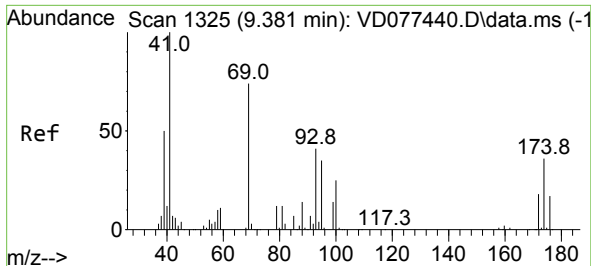
Tgt Ion: 83 Resp: 104100
Ion Ratio Lower Upper
83 100
85 62.8 50.2 75.4
127 7.5 6.3 9.5



#48
Methyl methacrylate
Concen: 50.473 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion: 41 Resp: 40737
Ion Ratio Lower Upper
41 100
69 98.7 102.2 153.2#
39 58.9 41.4 62.2





#49

1,4-Dioxane

Concen: 1058.381 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :

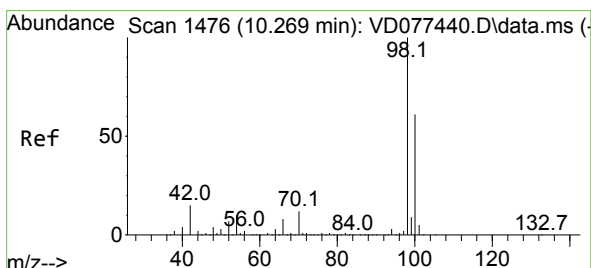
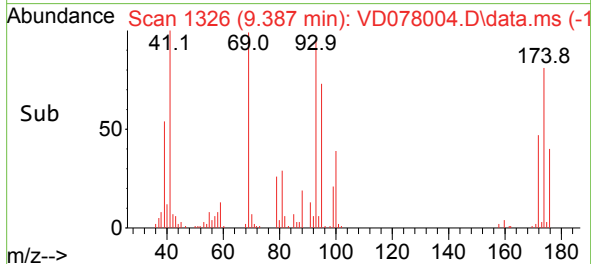
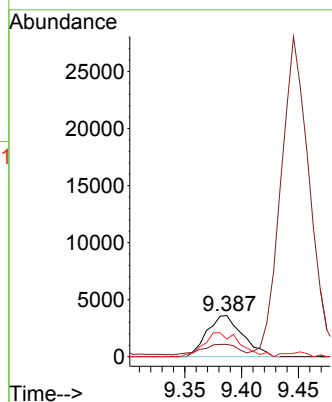
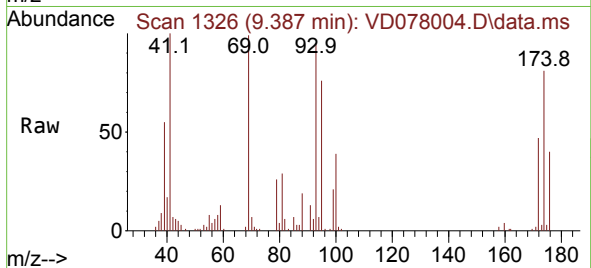
Tgt Ion: 88 Resp: 7859

Ion Ratio Lower Upper

88 100

43 25.5 19.0 28.6

58 59.4 43.5 65.3



#50

Toluene-d8

Concen: 56.057 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078004.D

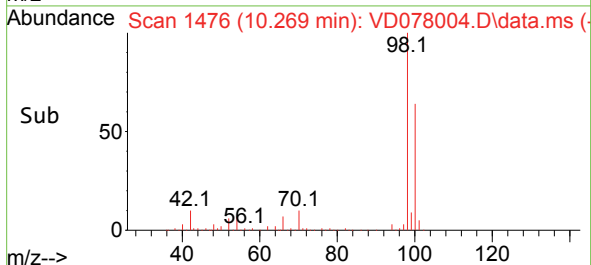
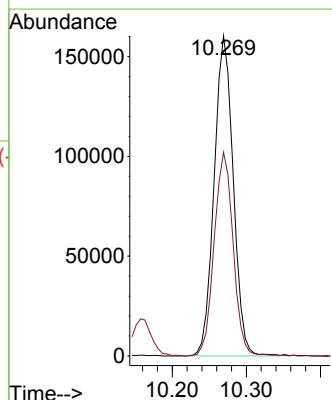
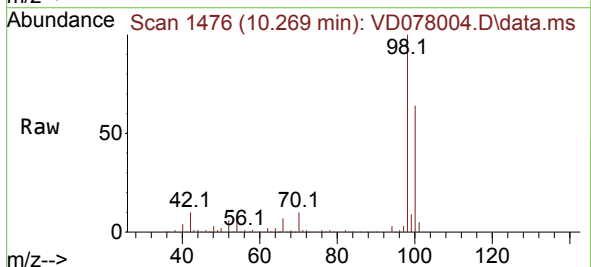
Acq: 20 Dec 2023 19:03

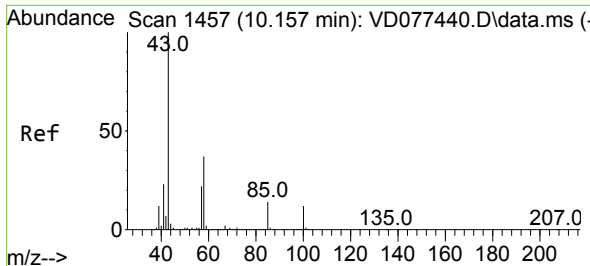
Tgt Ion: 98 Resp: 287520

Ion Ratio Lower Upper

98 100

100 63.2 50.3 75.5

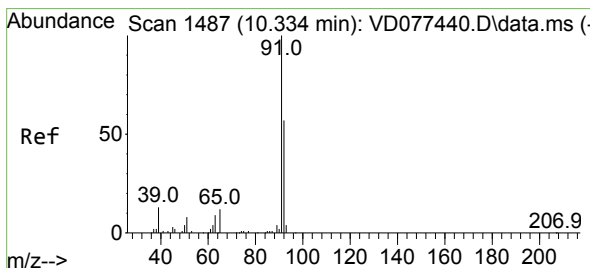
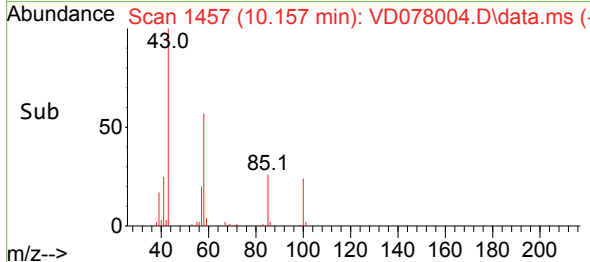
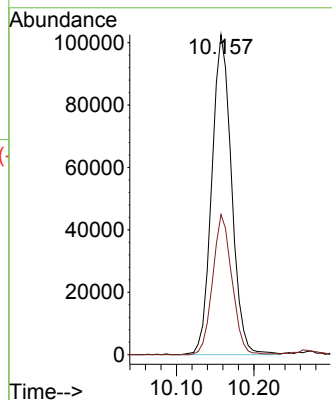
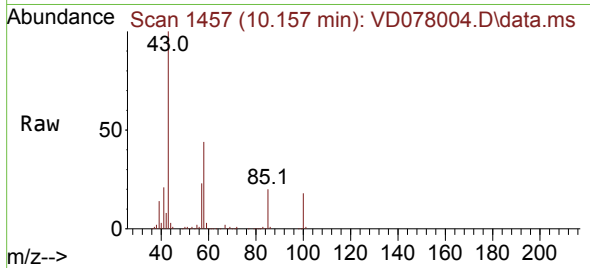




#51
4-Methyl-2-Pentanone
Concen: 250.856 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

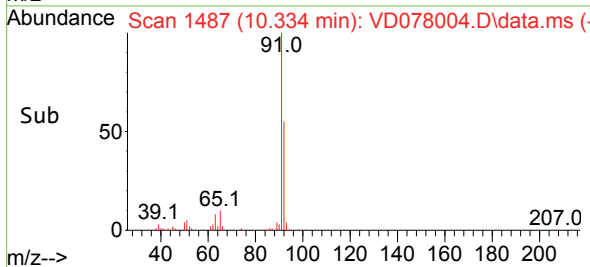
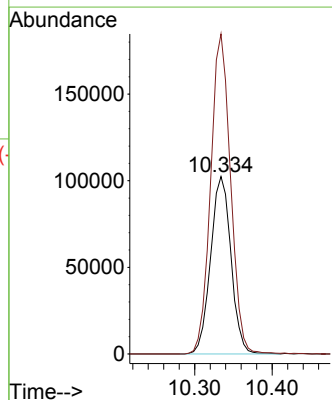
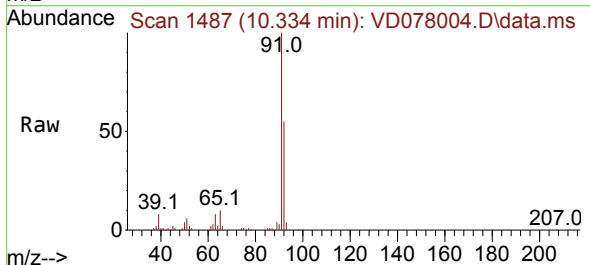
Instrument :
MSVOA_D
ClientSampleId :

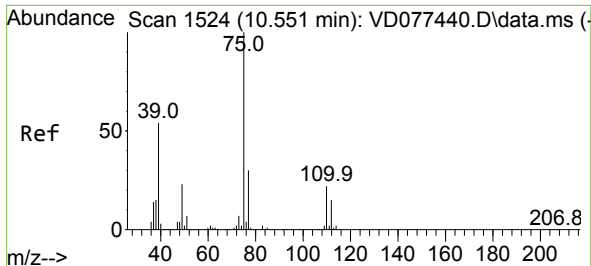
Tgt Ion: 43 Resp: 181776
Ion Ratio Lower Upper
43 100
58 42.6 38.9 58.3



#52
Toluene
Concen: 51.844 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion: 92 Resp: 186969
Ion Ratio Lower Upper
92 100
91 176.9 143.0 214.4

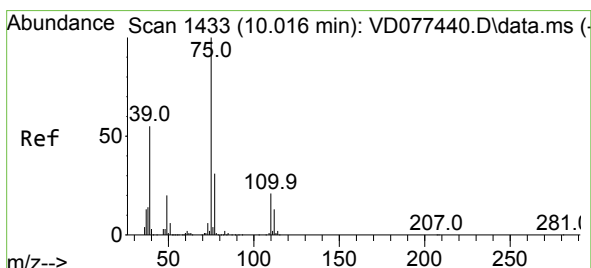
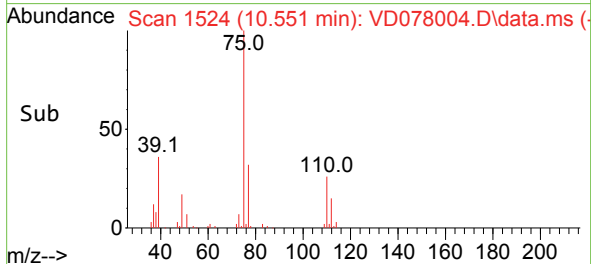
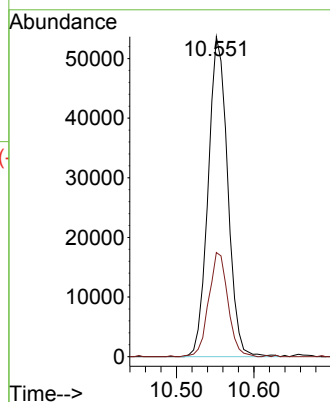
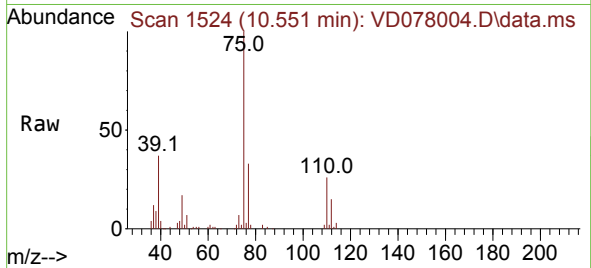




#53
t-1,3-Dichloropropene
Concen: 51.600 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

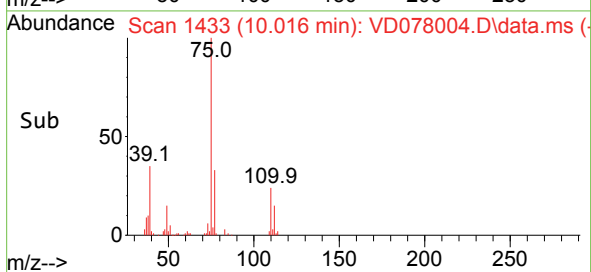
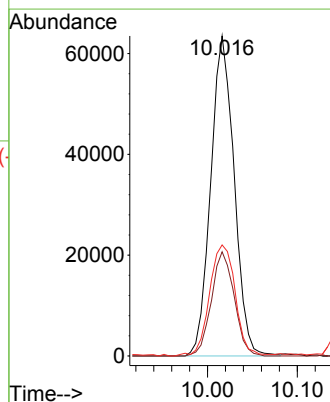
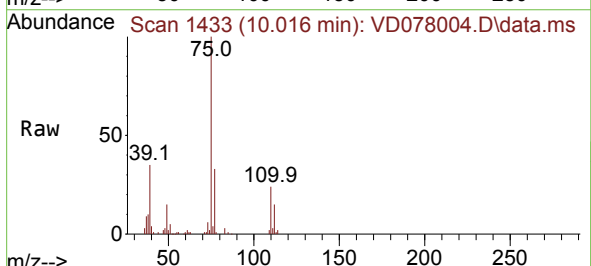
Instrument :
MSVOA_D
ClientSampleId :

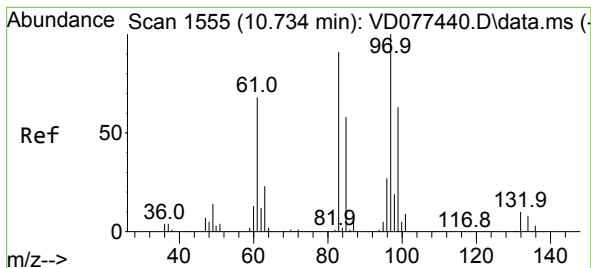
Tgt Ion: 75 Resp: 93922
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 52.345 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion: 75 Resp: 115195
Ion Ratio Lower Upper
75 100
77 32.5 25.5 38.3
39 34.3 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 56.906 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 58208

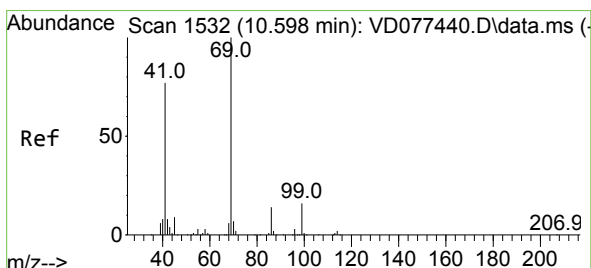
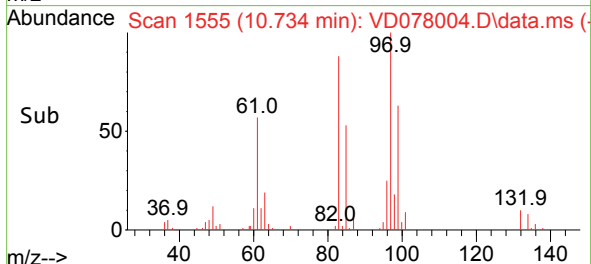
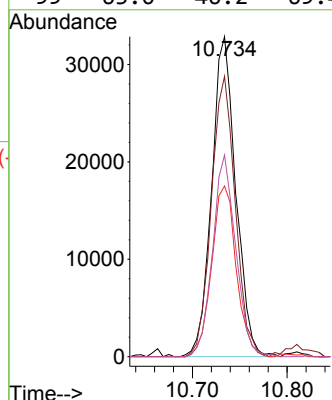
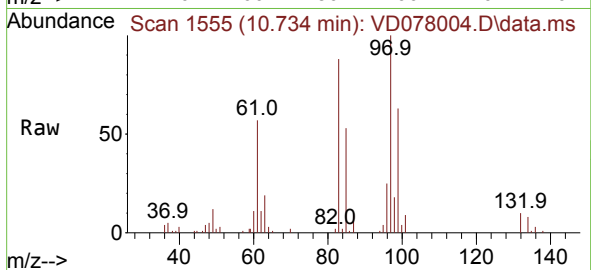
Ion Ratio Lower Upper

97 100

83 87.6 65.8 98.6

85 53.4 45.7 68.5

99 63.0 46.2 69.4



#56

Ethyl methacrylate

Concen: 53.841 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.001 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

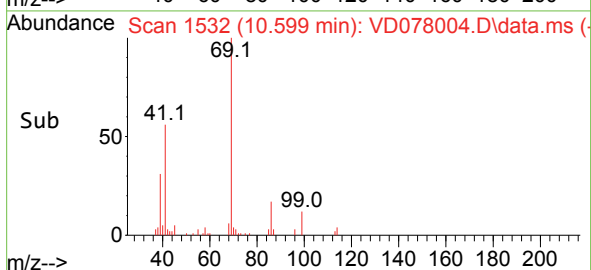
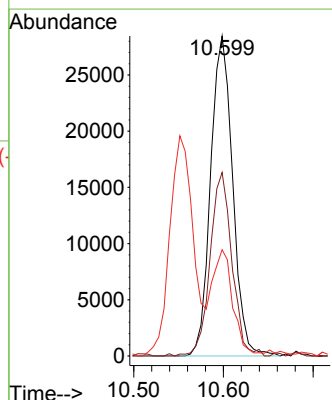
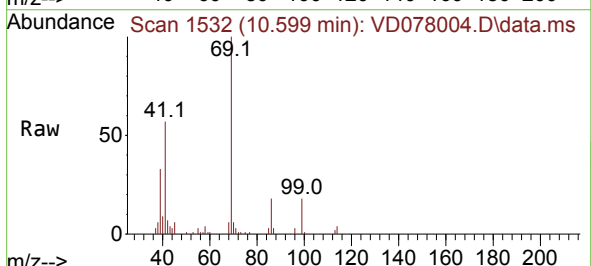
Tgt Ion: 69 Resp: 48548

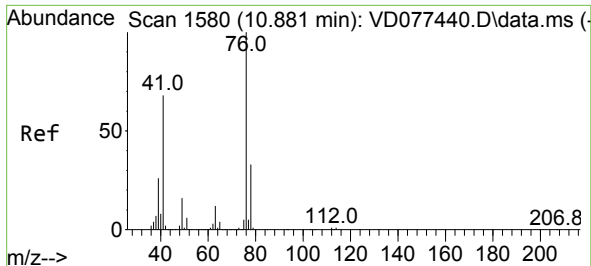
Ion Ratio Lower Upper

69 100

41 56.7 39.1 58.7

39 29.3 20.0 30.0





#57

1,3-Dichloropropane

Concen: 53.830 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

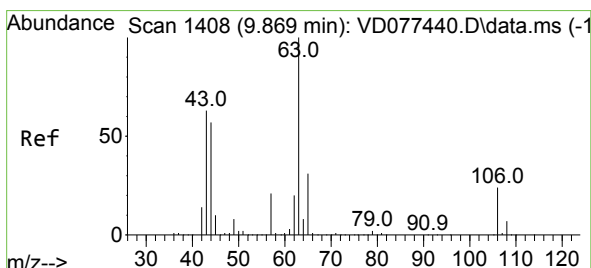
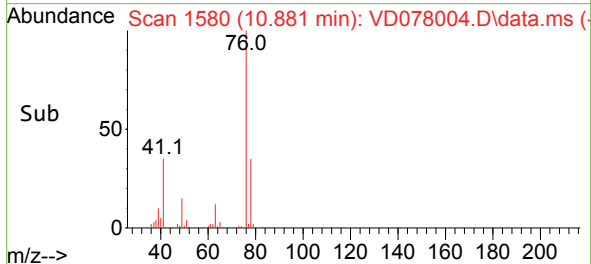
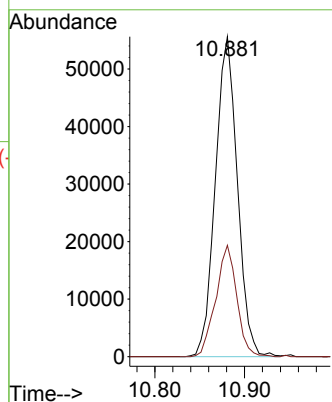
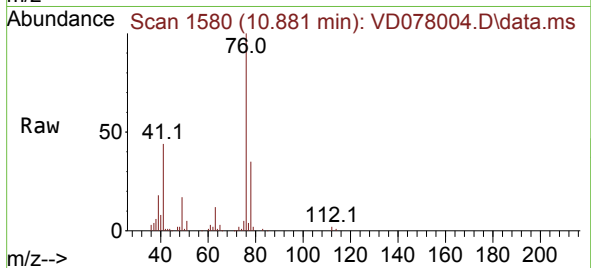
ClientSampleId :

Tgt Ion: 76 Resp: 94911

Ion Ratio Lower Upper

76 100

78 33.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 264.817 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078004.D

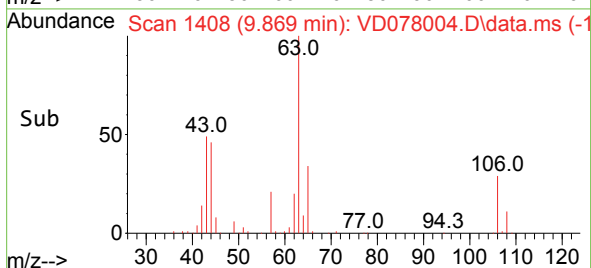
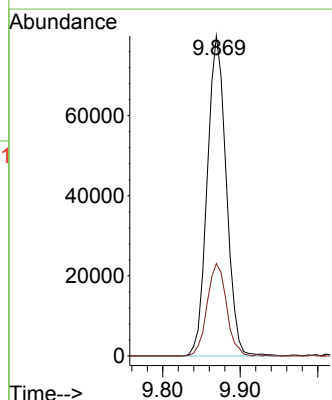
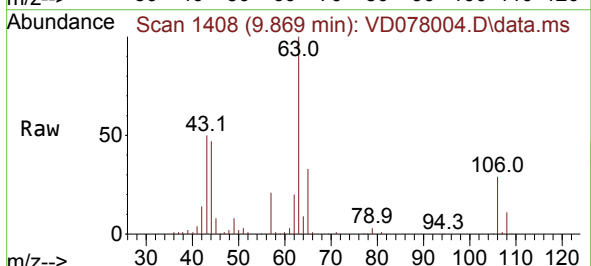
Acq: 20 Dec 2023 19:03

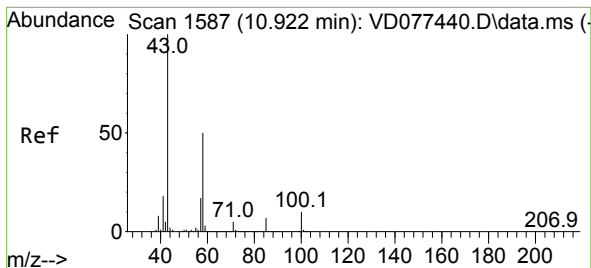
Tgt Ion: 63 Resp: 136174

Ion Ratio Lower Upper

63 100

106 29.5 25.3 37.9

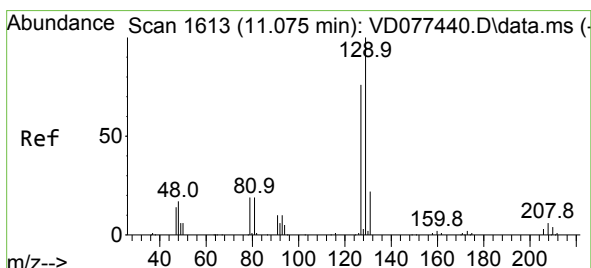
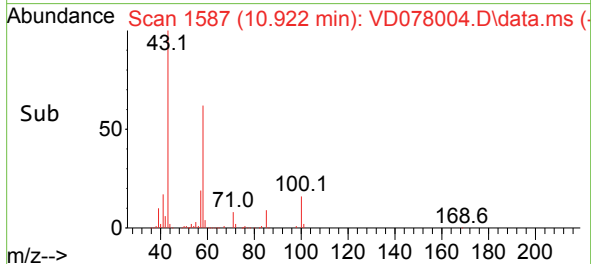
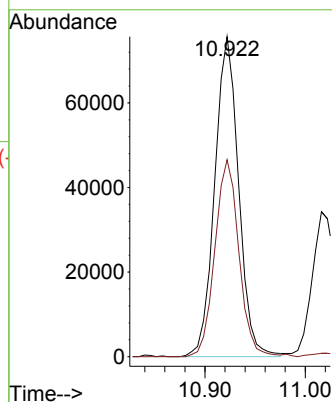
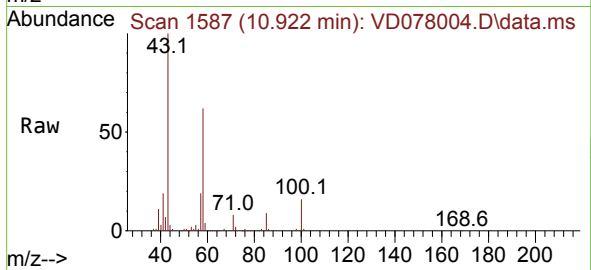




#59
2-Hexanone
Concen: 208.152 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

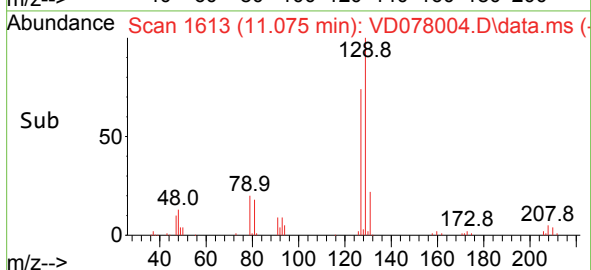
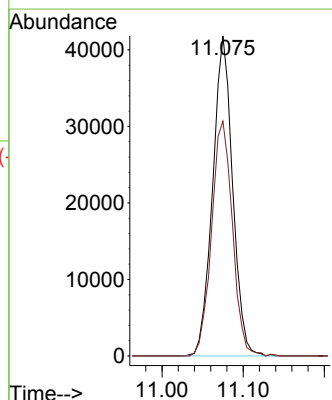
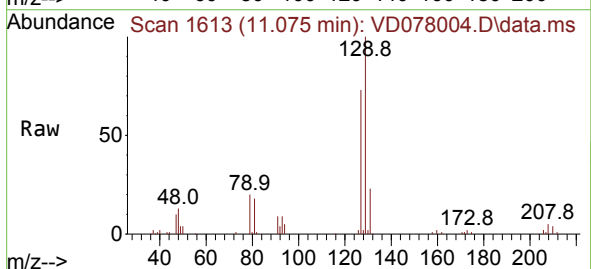
Instrument :
MSVOA_D
ClientSampleId :

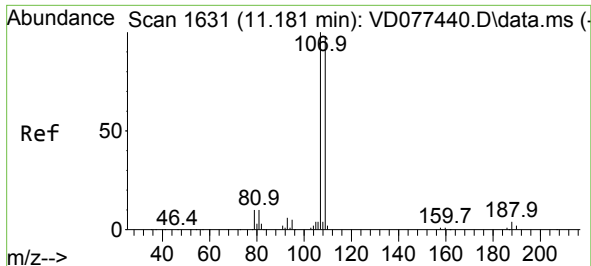
Tgt Ion: 43 Resp: 125137
Ion Ratio Lower Upper
43 100
58 61.9 34.1 102.2



#60
Dibromochloromethane
Concen: 57.953 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion: 129 Resp: 71371
Ion Ratio Lower Upper
129 100
127 76.6 37.1 111.5

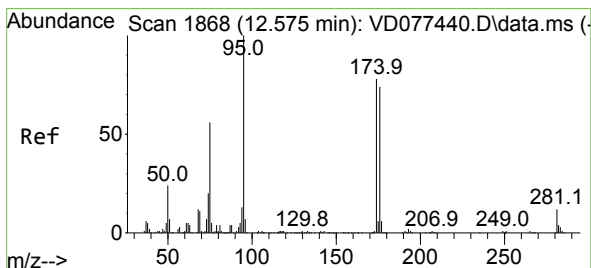
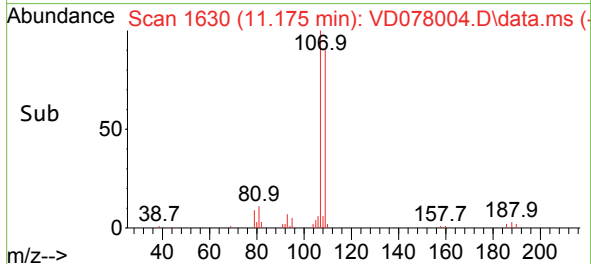
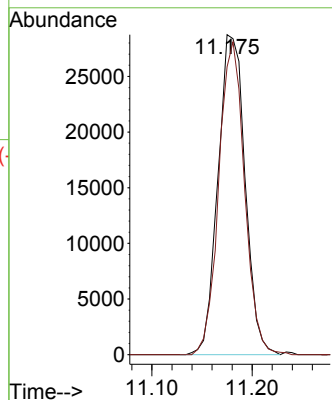
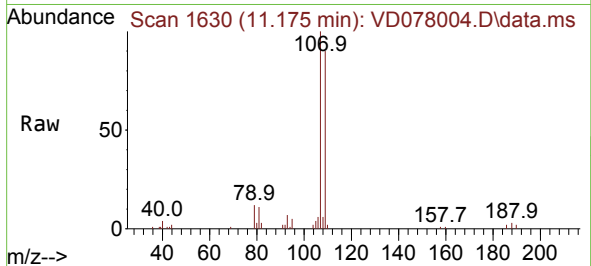




#61
1,2-Dibromoethane
Concen: 56.050 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

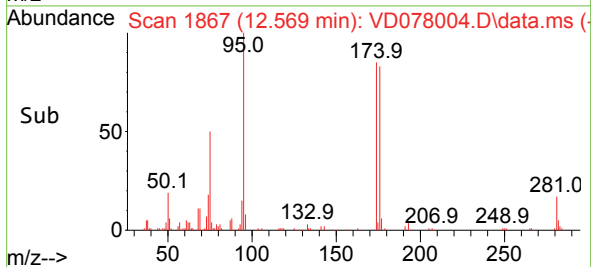
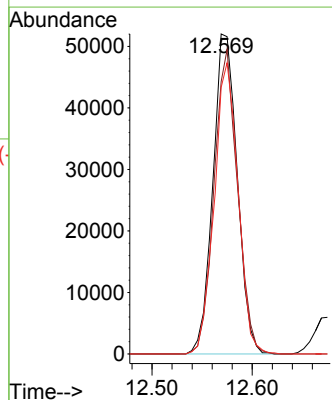
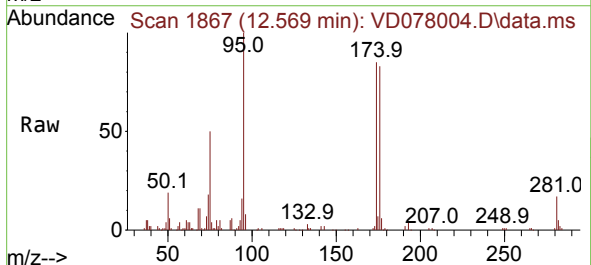
Instrument :
MSVOA_D
ClientSampleId :

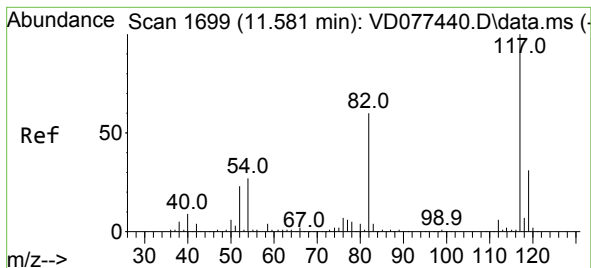
Tgt Ion:107 Resp: 53969
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 57.066 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion: 95 Resp: 87507
Ion Ratio Lower Upper
95 100
174 91.7 0.0 201.8
176 89.2 0.0 191.8

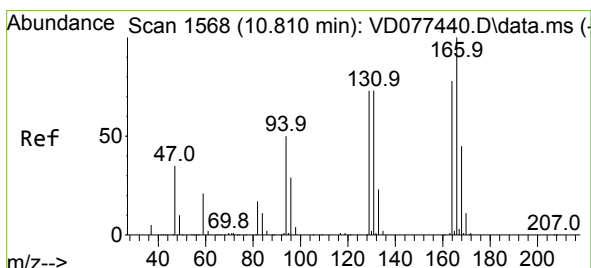
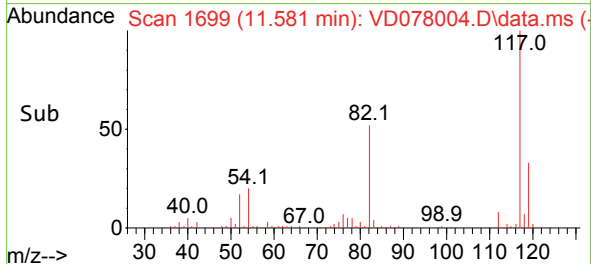
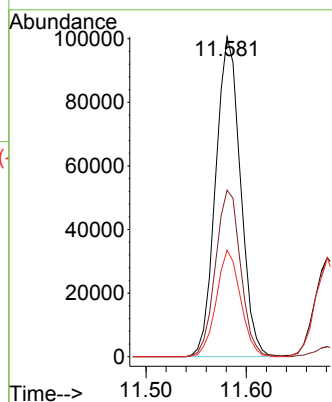
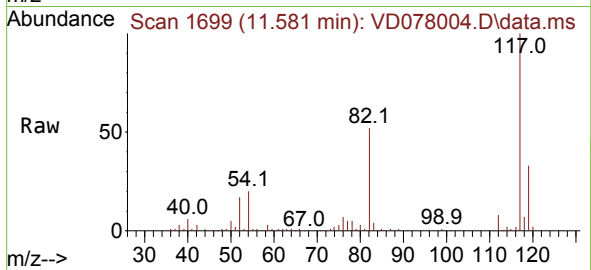




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

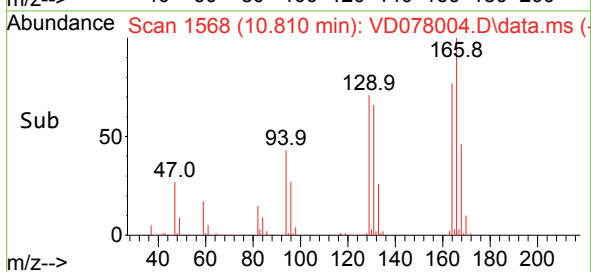
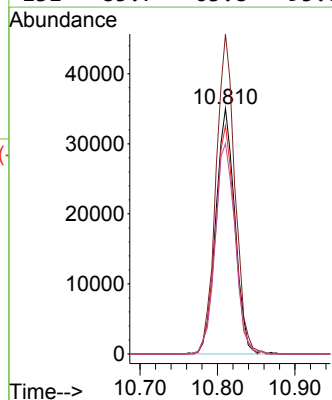
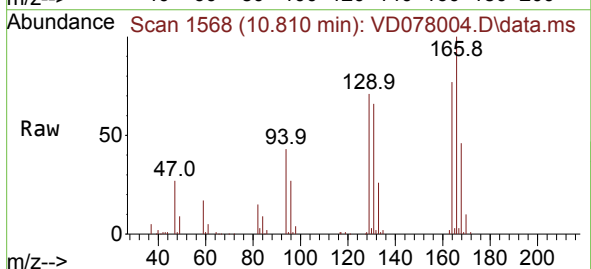
Instrument :
MSVOA_D
ClientSampleId :

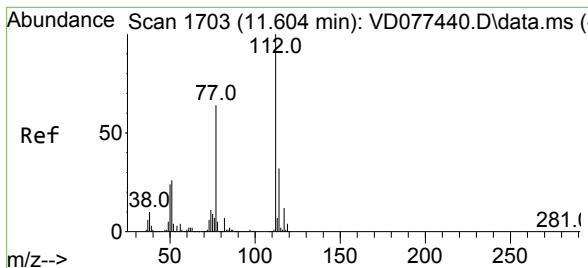
Tgt Ion:117 Resp: 172818
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 33.3 25.0 37.4



#64
Tetrachloroethene
Concen: 47.556 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion:164 Resp: 60405
Ion Ratio Lower Upper
164 100
166 130.3 99.2 148.8
129 93.0 68.4 102.6
131 85.7 63.8 95.8





#65

Chlorobenzene

Concen: 48.939 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

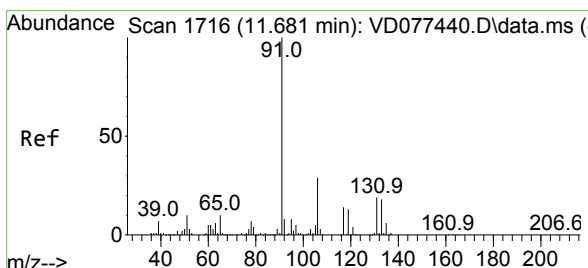
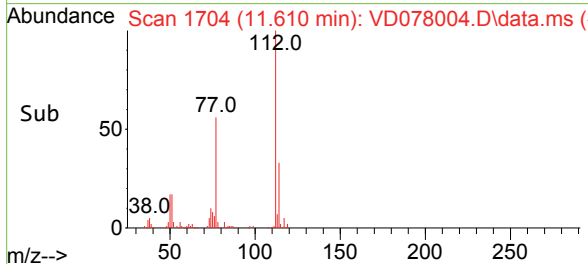
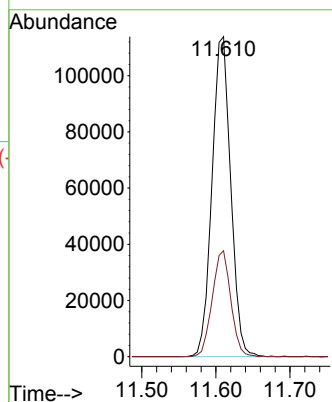
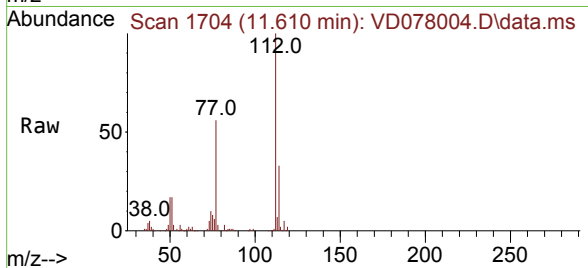
ClientSampleId :

Tgt Ion:112 Resp: 199531

Ion Ratio Lower Upper

112 100

114 33.1 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 52.090 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

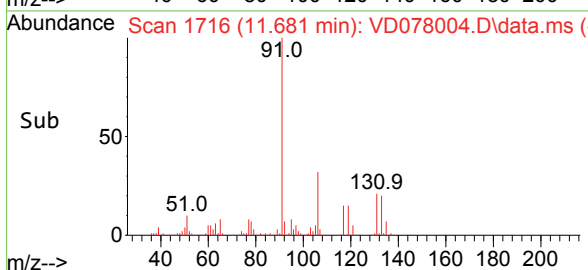
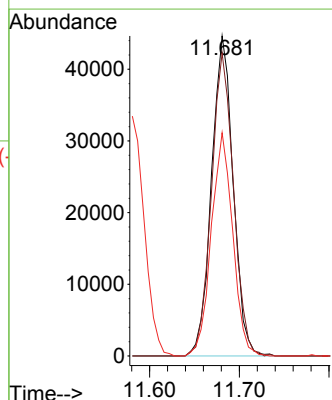
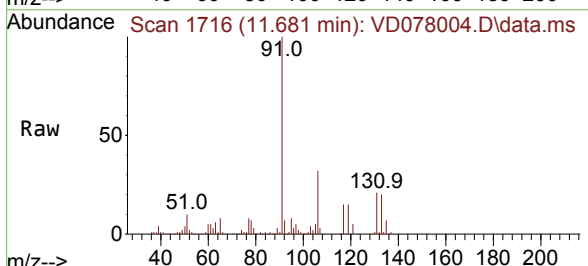
Tgt Ion:131 Resp: 74859

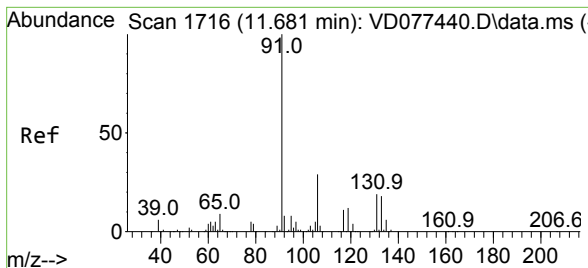
Ion Ratio Lower Upper

131 100

133 96.7 48.5 145.5

119 69.1 35.6 106.9





#67

Ethyl Benzene

Concen: 50.549 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

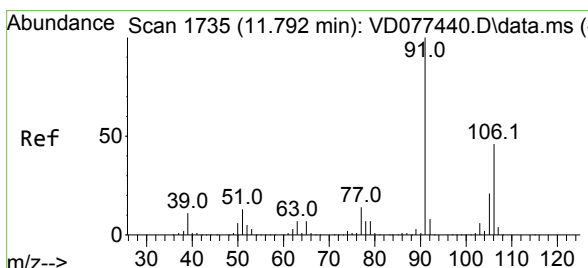
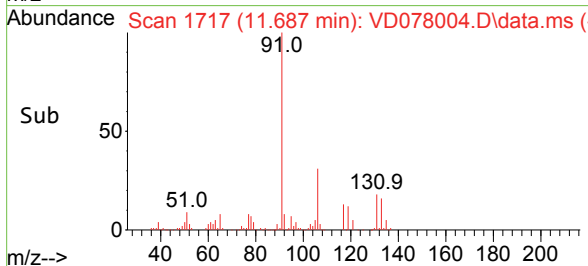
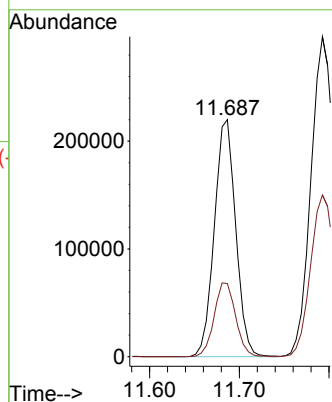
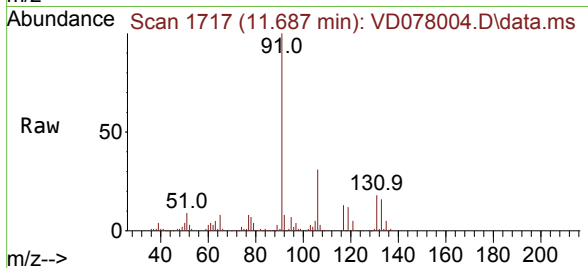
ClientSampleId :

Tgt Ion: 91 Resp: 363700

Ion Ratio Lower Upper

91 100

106 30.8 26.5 39.7



#68

m/p-Xylenes

Concen: 104.467 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD078004.D

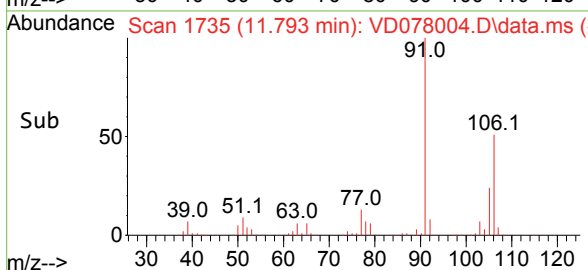
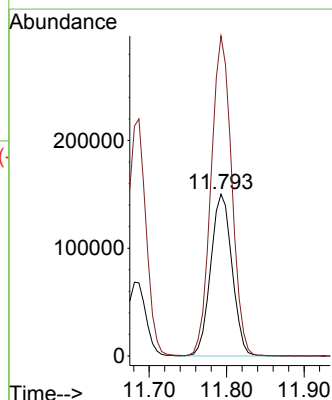
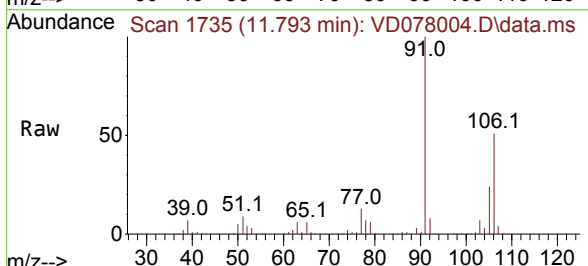
Acq: 20 Dec 2023 19:03

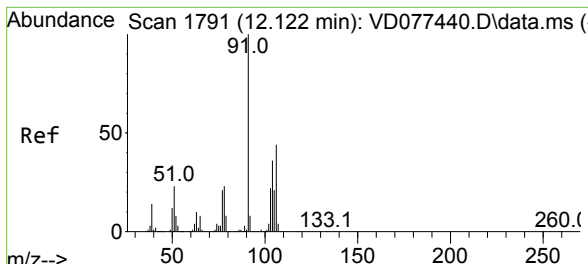
Tgt Ion:106 Resp: 287503

Ion Ratio Lower Upper

106 100

91 192.1 147.0 220.6

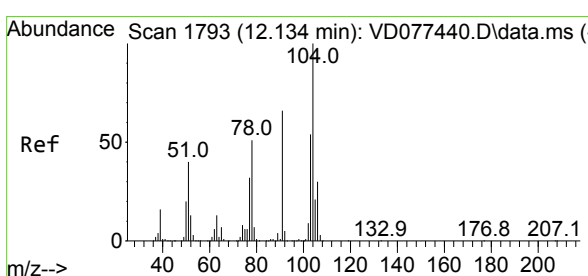
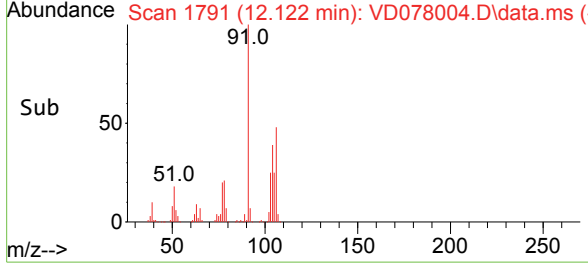
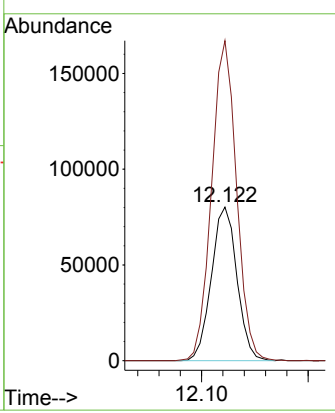
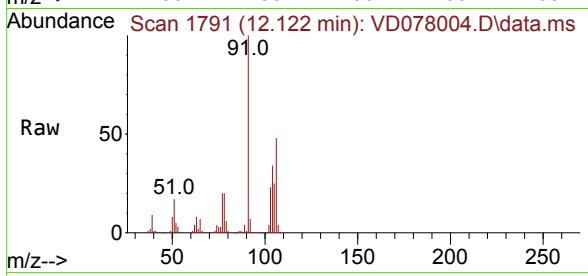




#69
o-Xylene
Concen: 52.673 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

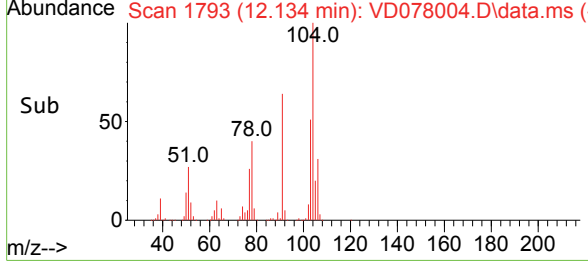
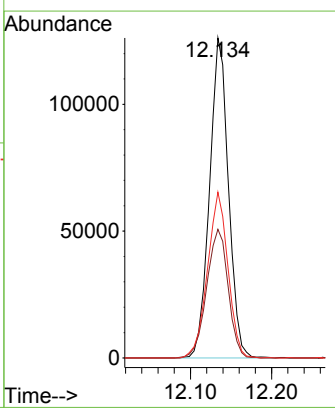
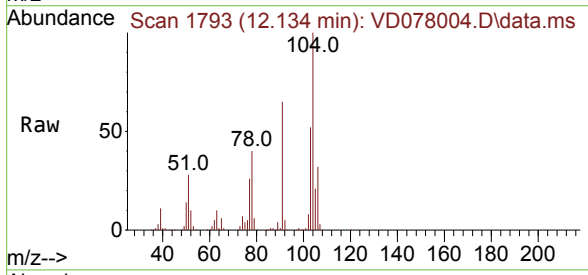
Instrument :
MSVOA_D
ClientSampleId :

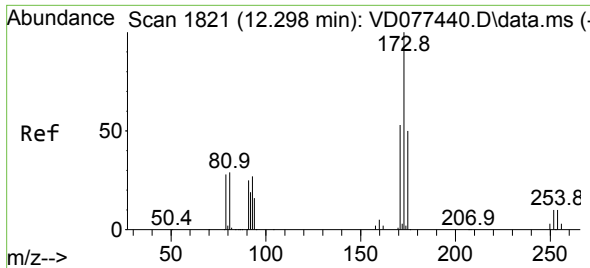
Tgt Ion:	106	Resp:	133600
Ion Ratio	Lower	Upper	
106	100		
91	203.0	97.9	293.6



#70
Styrene
Concen: 54.155 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion:	104	Resp:	204245
Ion Ratio	Lower	Upper	
104	100		
78	45.6	33.2	49.8
103	55.9	43.6	65.4

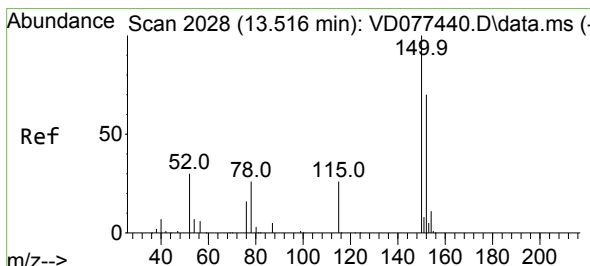
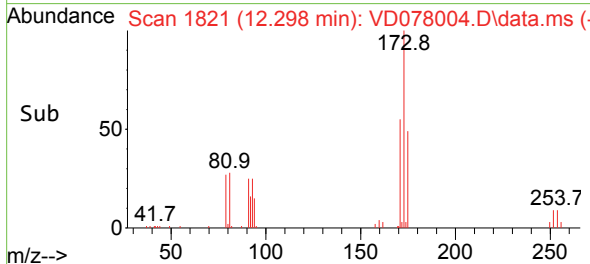
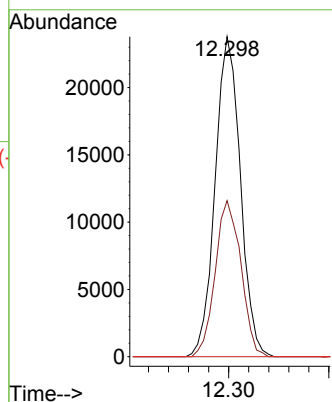
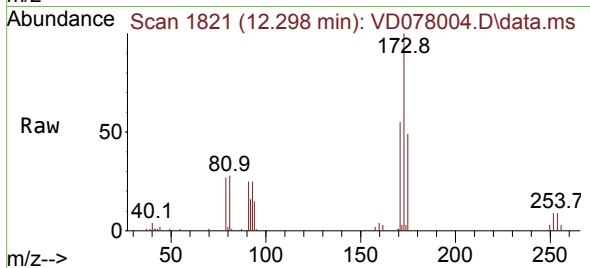




#71
Bromoform
Concen: 55.325 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

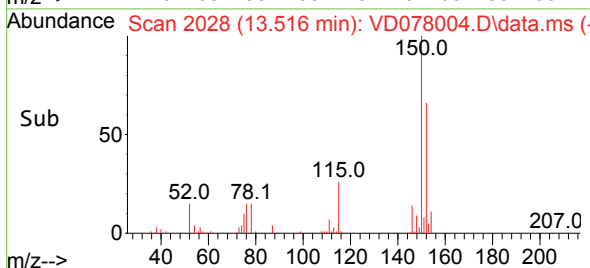
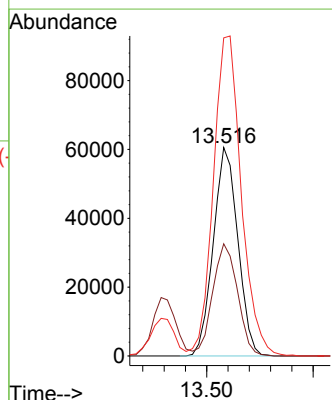
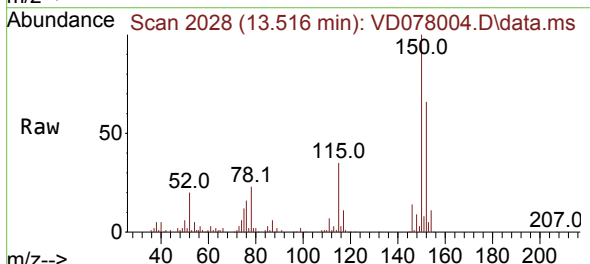
Instrument :
MSVOA_D
ClientSampleId :

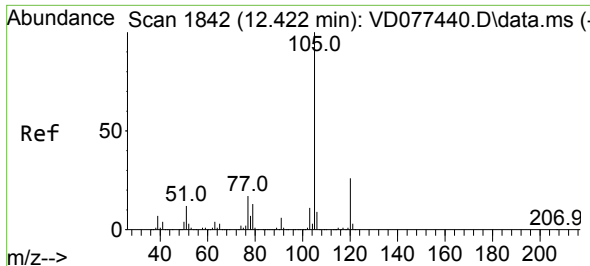
Tgt Ion:173 Resp: 41543
Ion Ratio Lower Upper
173 100
175 49.6 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

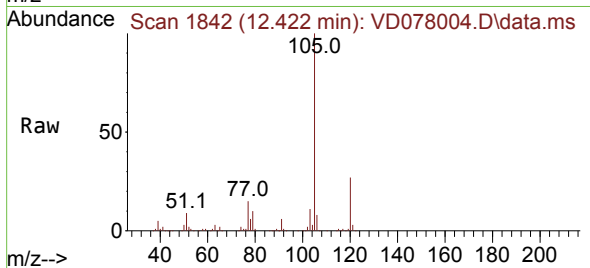
Tgt Ion:152 Resp: 96726
Ion Ratio Lower Upper
152 100
115 54.6 27.1 81.3
150 174.8 0.0 353.6



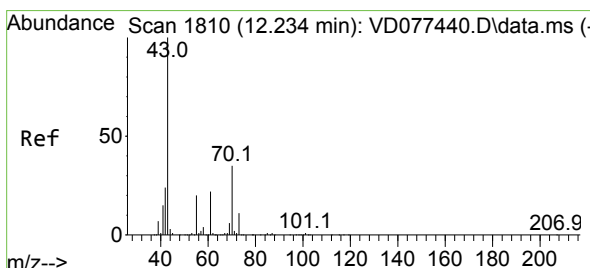
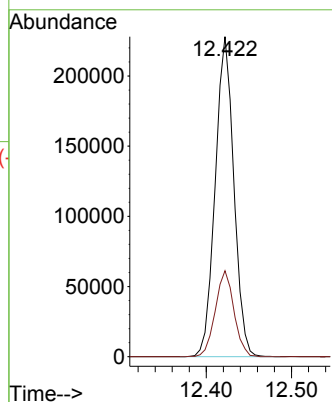
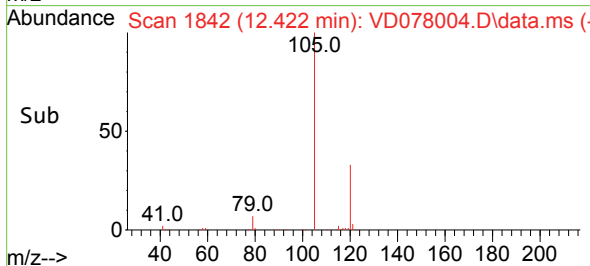


#73
Isopropylbenzene
Concen: 47.126 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

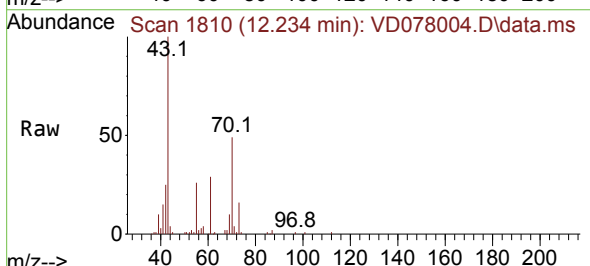
Instrument :
MSVOA_D
ClientSampleId :



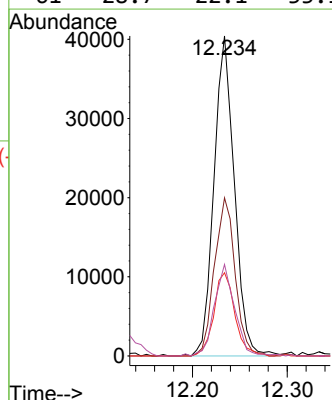
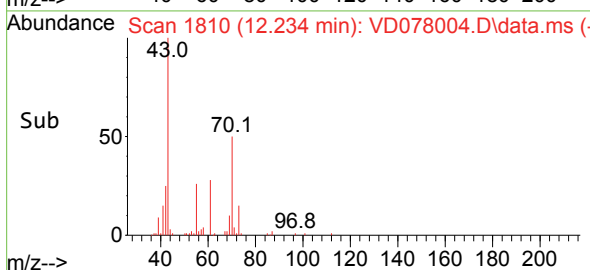
Tgt Ion:105 Resp: 345483
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9

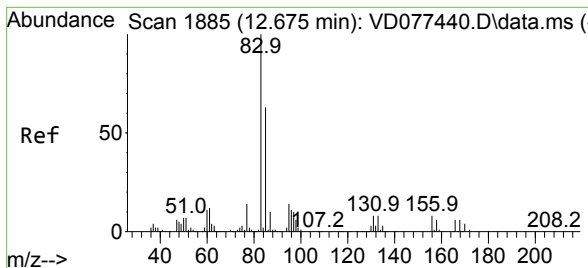


#74
N-ethyl acetate
Concen: 42.001 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03



Tgt Ion: 43 Resp: 60526
Ion Ratio Lower Upper
43 100
70 50.1 45.0 67.4
55 26.7 23.8 35.6
61 28.7 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.625 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :

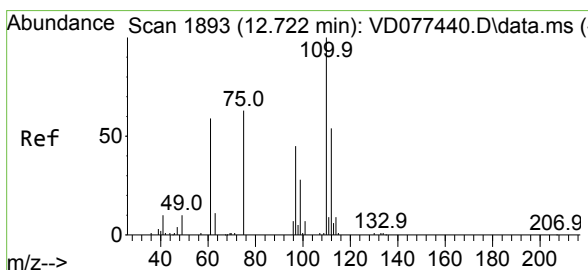
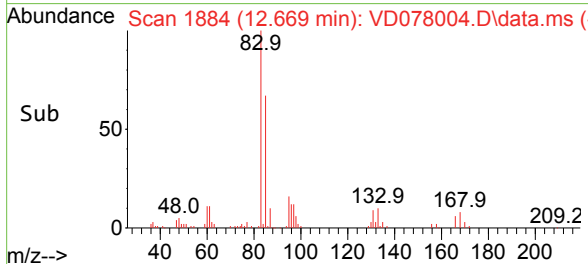
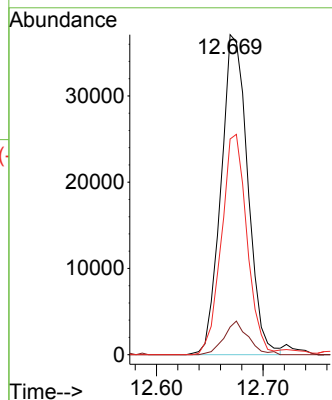
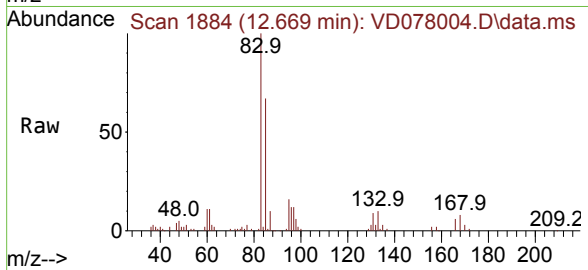
Tgt Ion: 83 Resp: 64711

Ion Ratio Lower Upper

83 100

131 9.5 5.1 15.3

85 65.6 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 94.284 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD078004.D

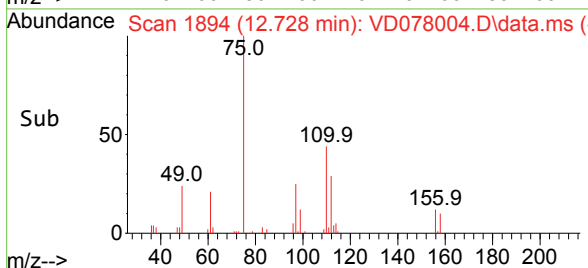
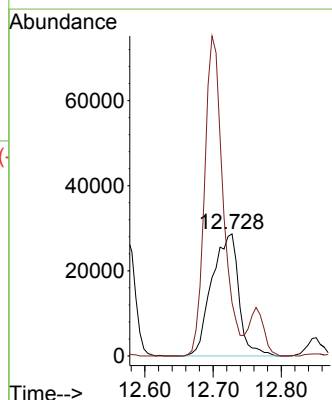
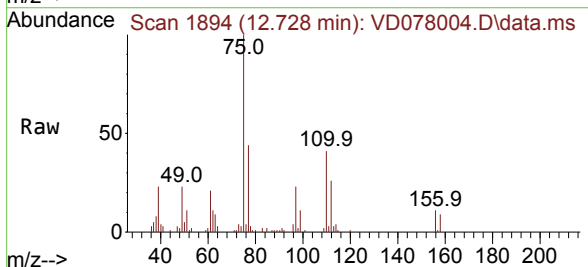
Acq: 20 Dec 2023 19:03

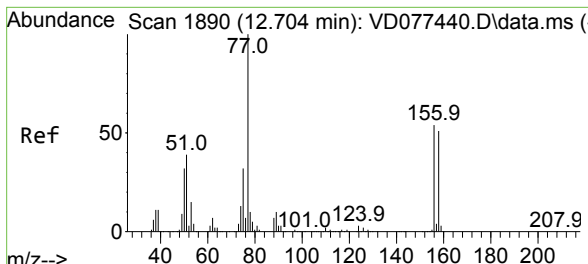
Tgt Ion: 75 Resp: 79205

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

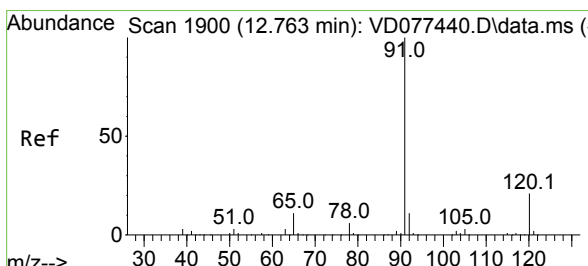
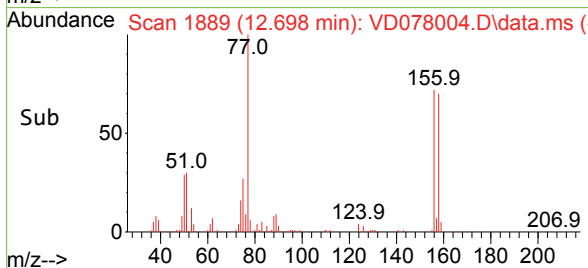
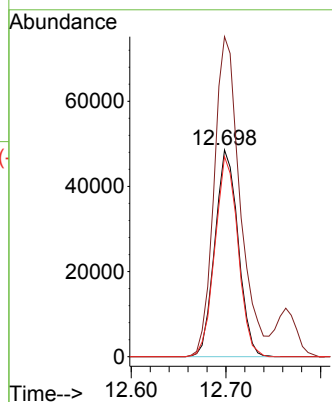
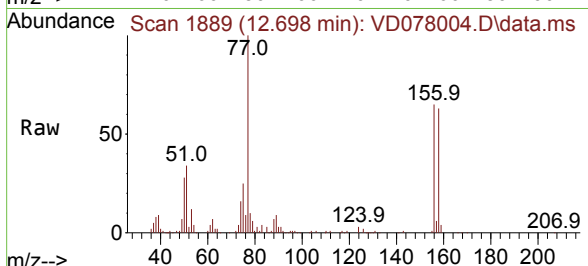




#77
 Bromobenzene
 Concen: 48.135 ug/l
 RT: 12.698 min Scan# 1889
 Delta R.T. -0.006 min
 Lab File: VD078004.D
 Acq: 20 Dec 2023 19:03

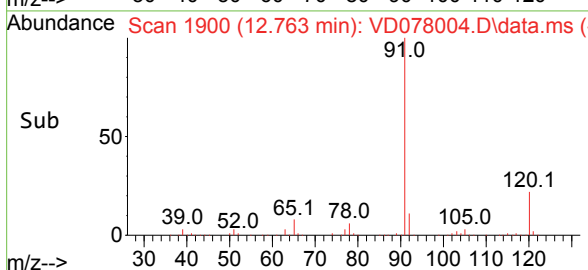
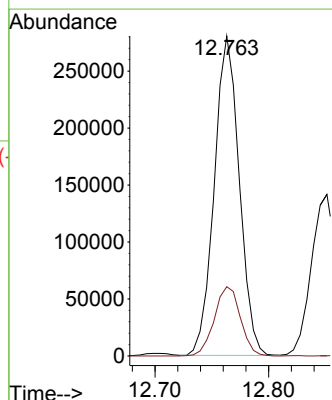
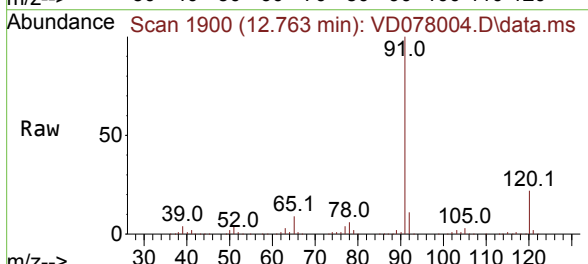
Instrument :
 MSVOA_D
 ClientSampleId :

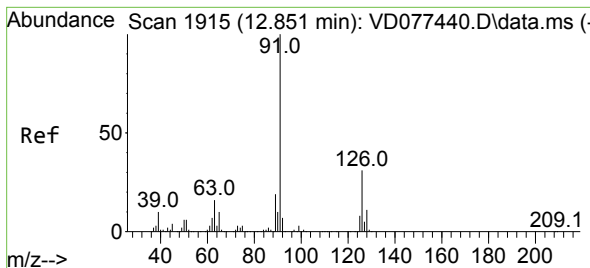
Tgt Ion:	156	Resp:	83001
Ion Ratio	Lower	Upper	
156	100		
77	172.9	76.8	230.4
158	95.7	48.6	145.9



#78
 n-propylbenzene
 Concen: 47.962 ug/l
 RT: 12.763 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VD078004.D
 Acq: 20 Dec 2023 19:03

Tgt Ion:	91	Resp:	428449
Ion Ratio	Lower	Upper	
91	100		
120	22.7	12.4	37.2





#79

2-Chlorotoluene

Concen: 47.610 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

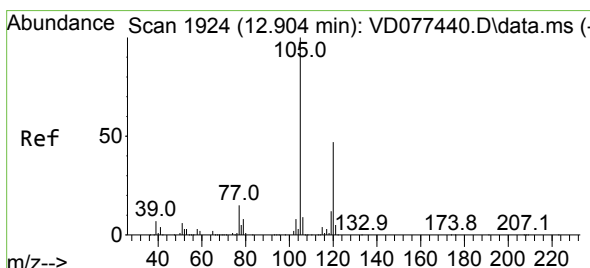
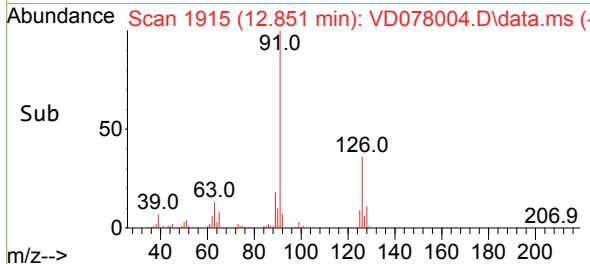
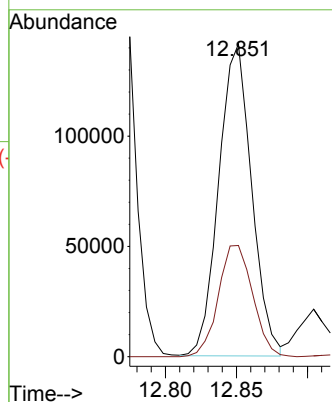
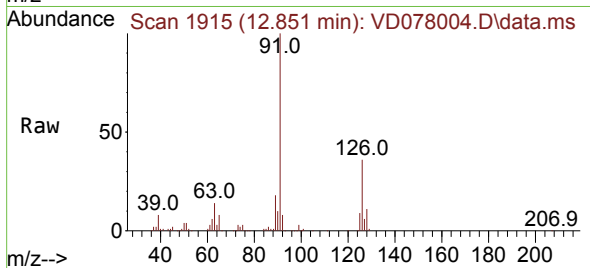
ClientSampleId :

Tgt Ion: 91 Resp: 227922

Ion Ratio Lower Upper

91 100

126 37.3 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 48.124 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078004.D

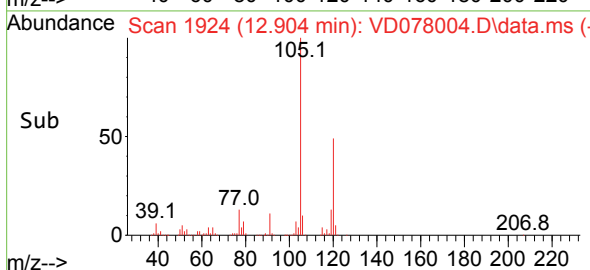
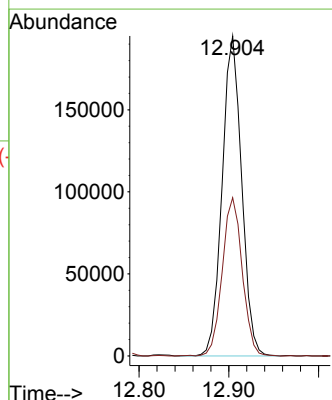
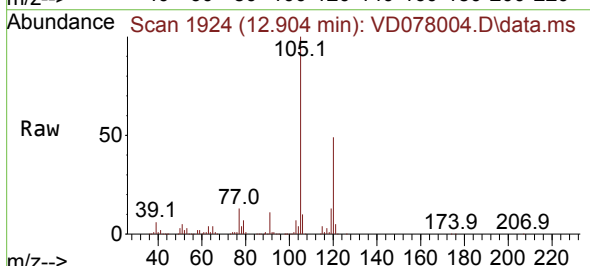
Acq: 20 Dec 2023 19:03

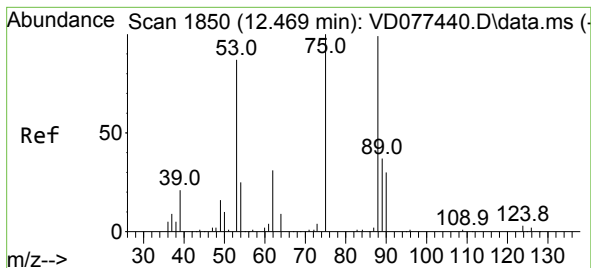
Tgt Ion:105 Resp: 294246

Ion Ratio Lower Upper

105 100

120 50.6 26.4 79.2

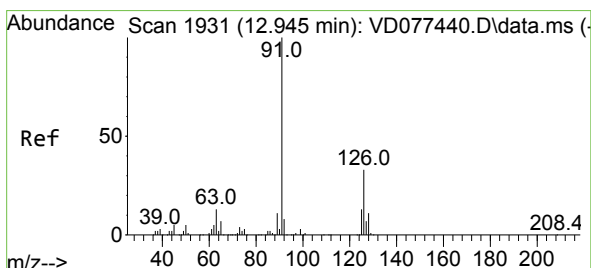
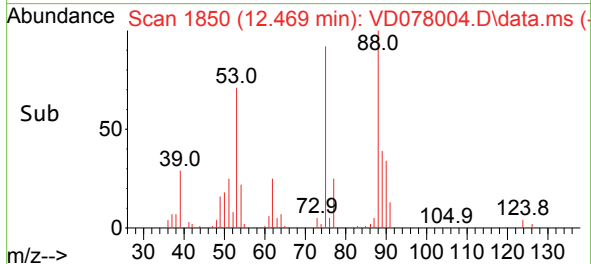
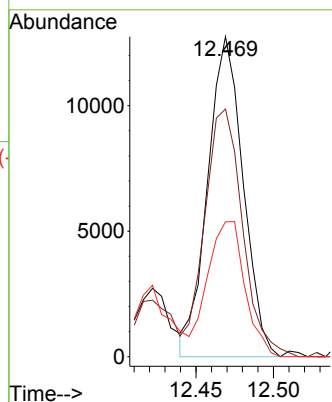
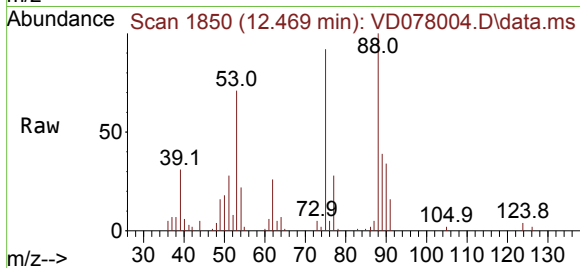




#81
trans-1,4-Dichloro-2-butene
Concen: 48.752 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

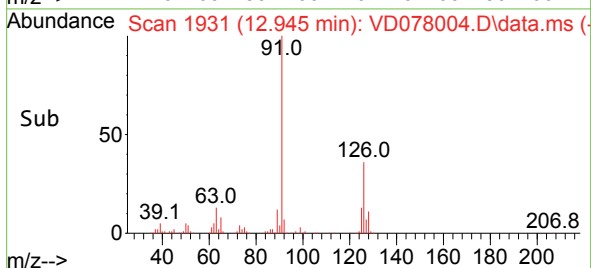
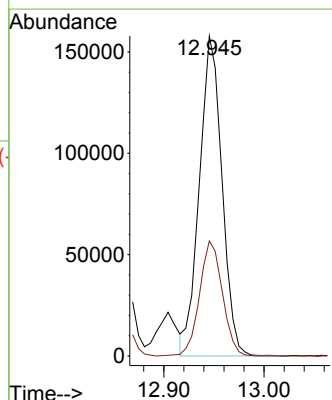
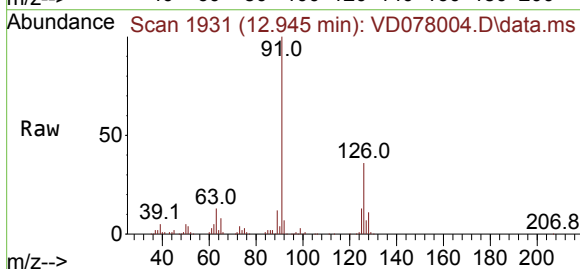
Instrument :
MSVOA_D
ClientSampleId :

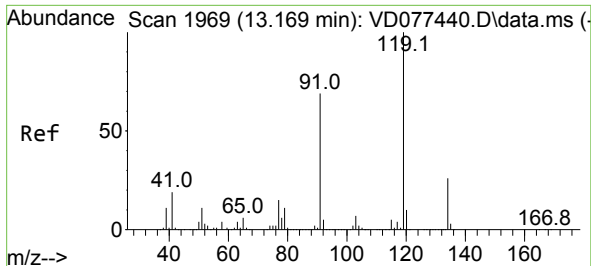
Tgt Ion	Ratio	Lower	Upper
75	100		
53	83.1	63.0	94.4
89	44.4	37.9	56.9



#82
4-Chlorotoluene
Concen: 49.431 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

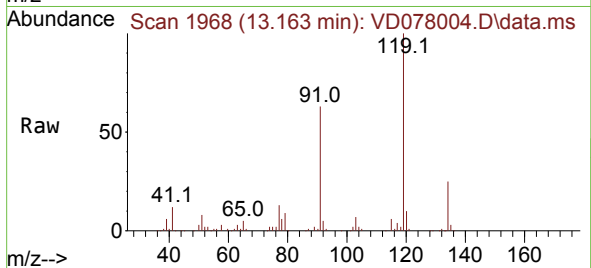
Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.4	19.4	58.4



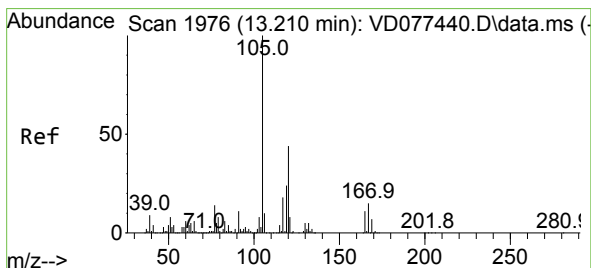
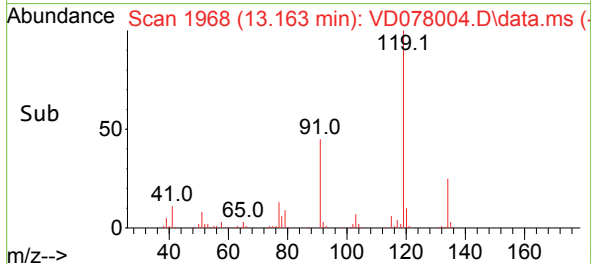
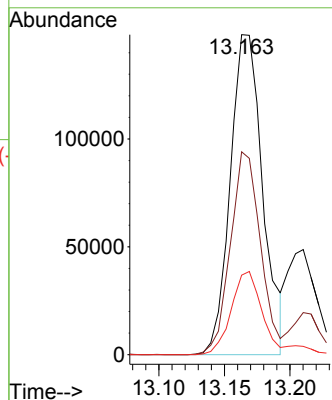


#83
tert-Butylbenzene
Concen: 49.533 ug/l
RT: 13.163 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :

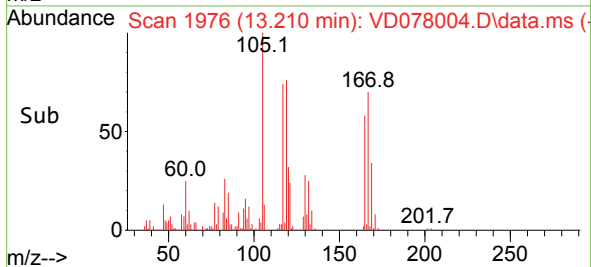
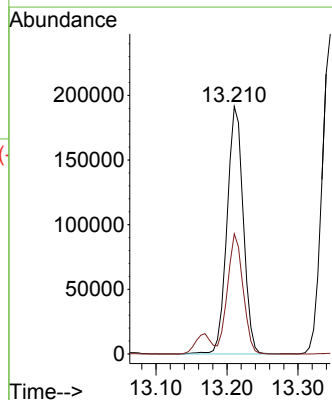
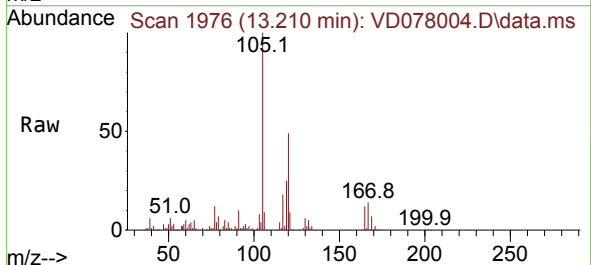


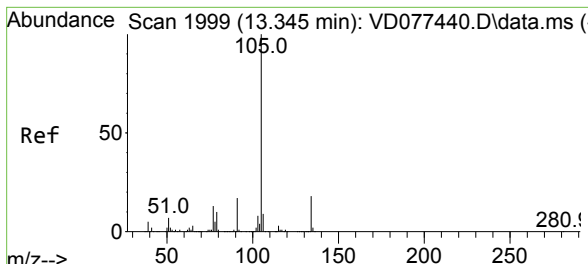
Tgt Ion:119 Resp: 255683
Ion Ratio Lower Upper
119 100
91 58.8 29.3 87.8
134 24.8 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 49.560 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion:105 Resp: 303082
Ion Ratio Lower Upper
105 100
120 46.3 24.3 72.9

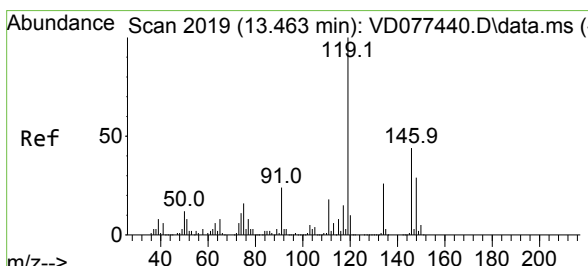
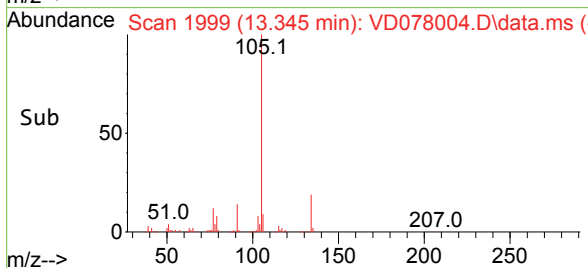
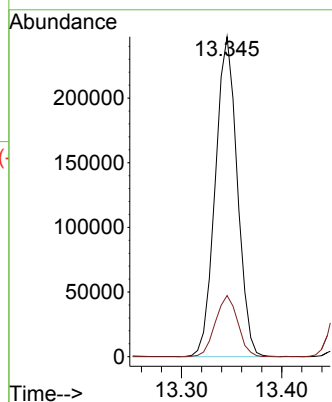
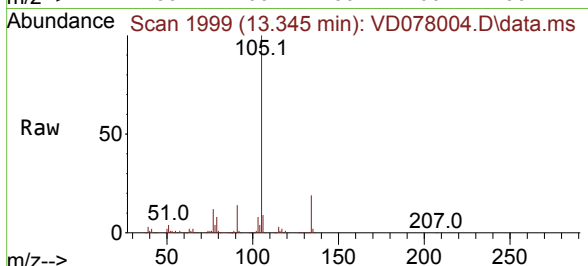




#85
 sec-Butylbenzene
 Concen: 49.316 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078004.D
 Acq: 20 Dec 2023 19:03

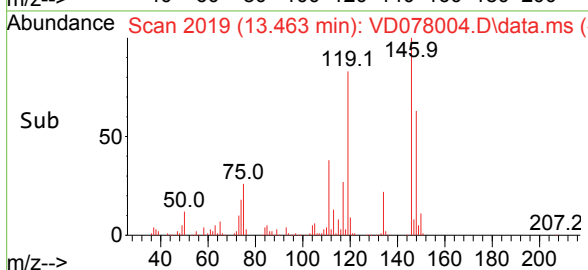
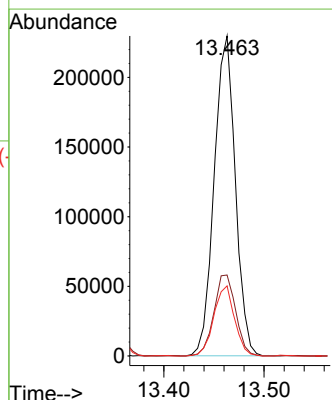
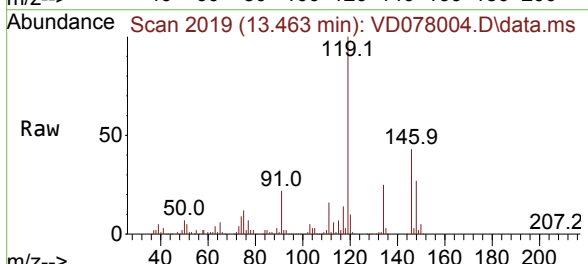
Instrument :
 MSVOA_D
 ClientSampleId :

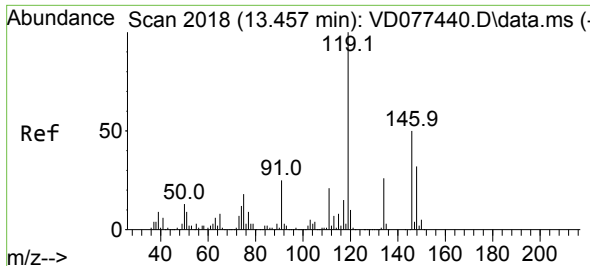
Tgt Ion:105 Resp: 376284
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 49.158 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078004.D
 Acq: 20 Dec 2023 19:03

Tgt Ion:119 Resp: 335817
 Ion Ratio Lower Upper
 119 100
 134 26.1 14.2 42.6
 91 21.6 10.5 31.5

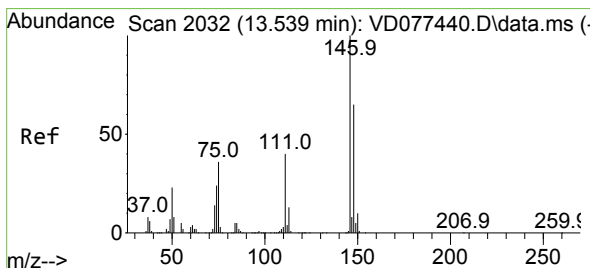
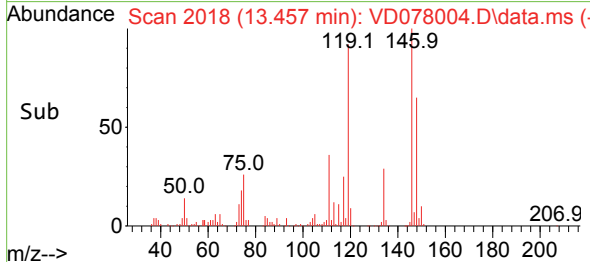
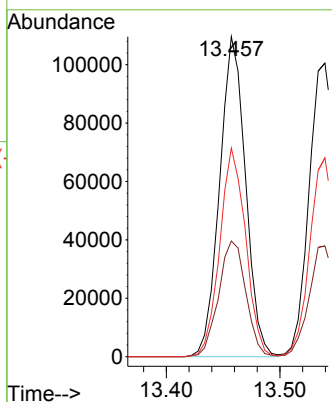
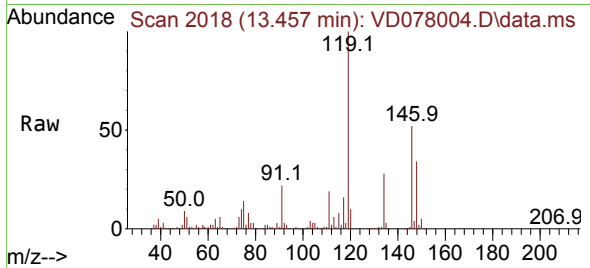




#87
1,3-Dichlorobenzene
Concen: 49.234 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

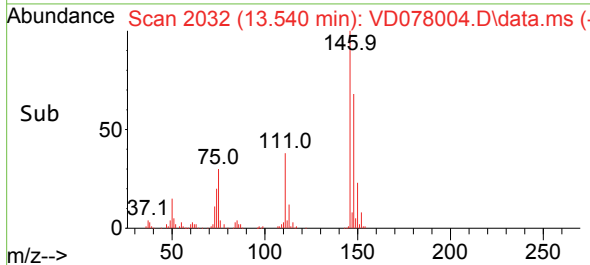
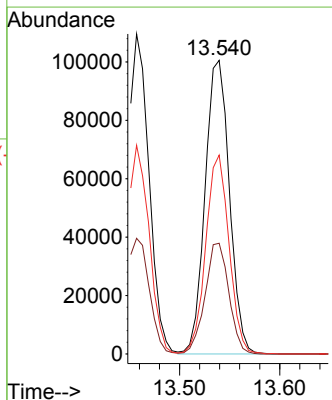
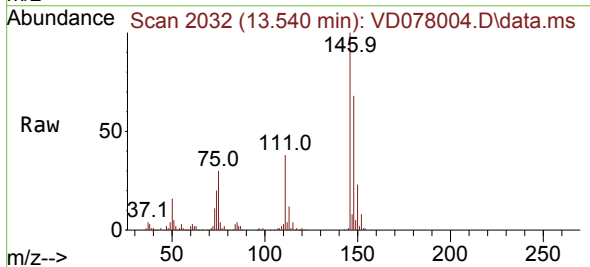
Instrument :
MSVOA_D
ClientSampleId :

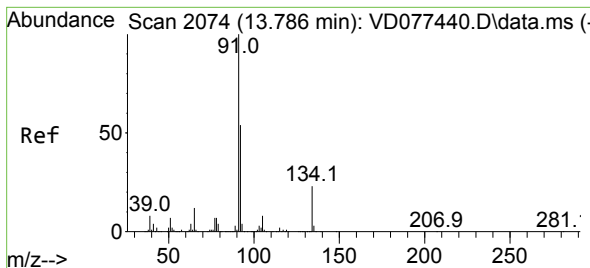
Tgt Ion:146 Resp: 173613
Ion Ratio Lower Upper
146 100
111 38.1 17.9 53.8
148 65.1 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 48.266 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

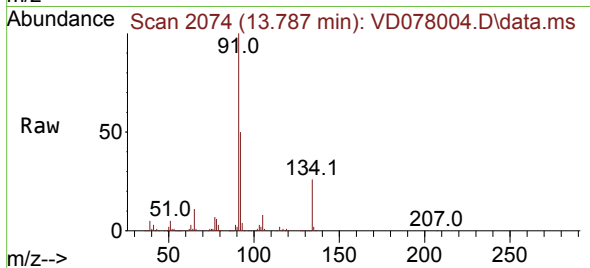
Tgt Ion:146 Resp: 170077
Ion Ratio Lower Upper
146 100
111 36.9 17.4 52.3
148 64.9 31.7 95.1



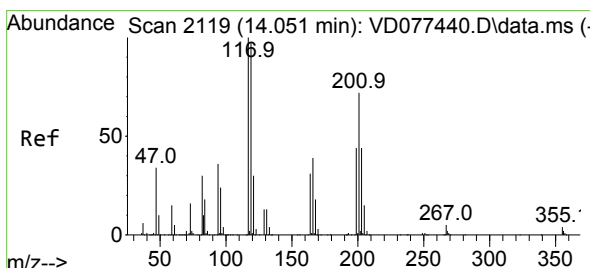
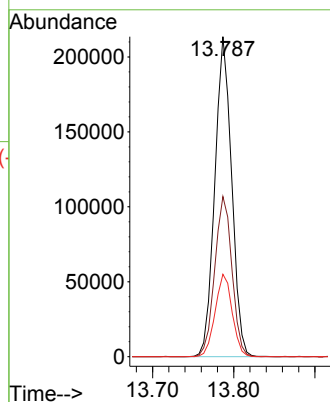
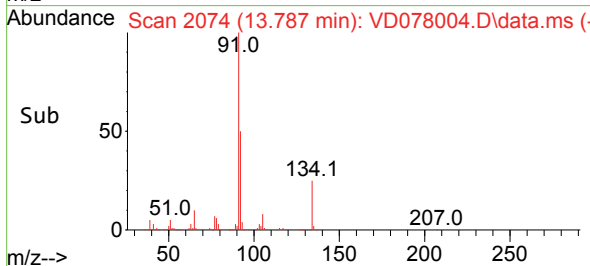


#89
n-Butylbenzene
Concen: 47.890 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :

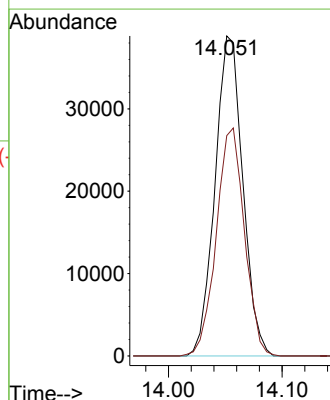
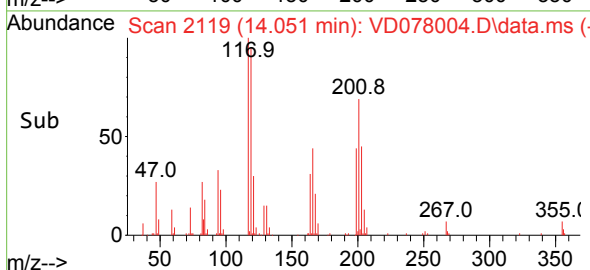
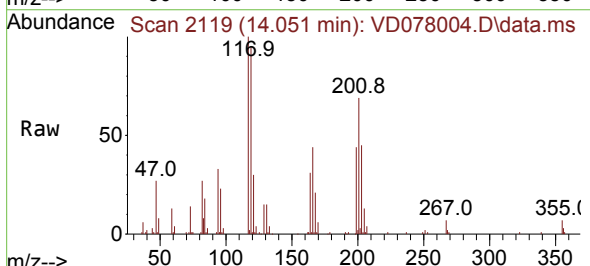


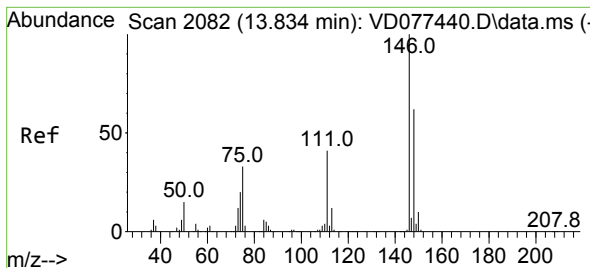
Tgt Ion: 91 Resp: 307838
Ion Ratio Lower Upper
91 100
92 51.1 26.5 79.5
134 26.1 13.8 41.3



#90
Hexachloroethane
Concen: 52.641 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion: 117 Resp: 66135
Ion Ratio Lower Upper
117 100
201 72.1 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 49.700 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :

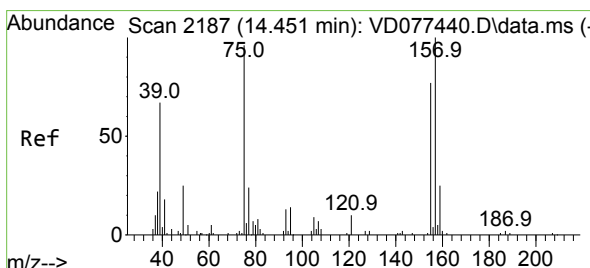
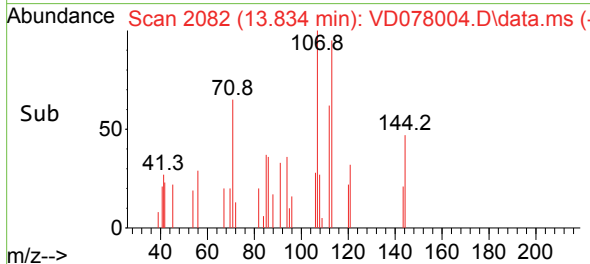
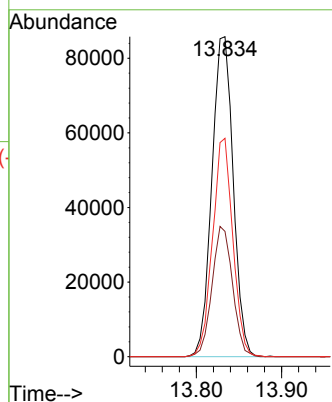
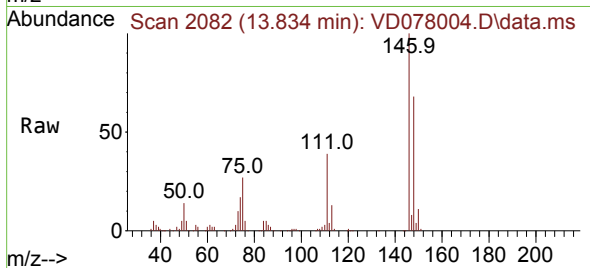
Tgt Ion:146 Resp: 149050

Ion Ratio Lower Upper

146 100

111 39.3 18.3 54.8

148 65.1 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.594 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

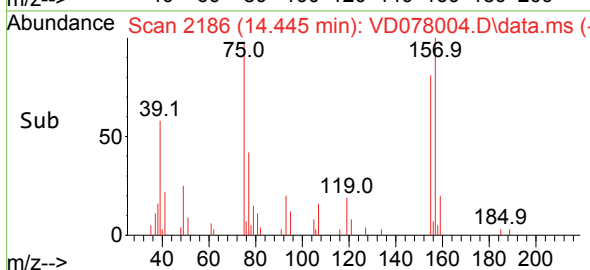
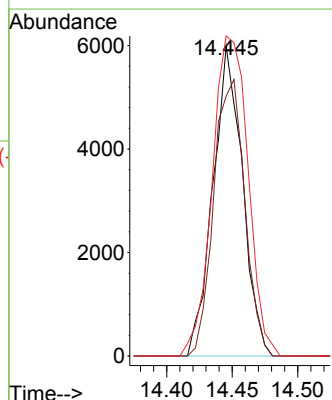
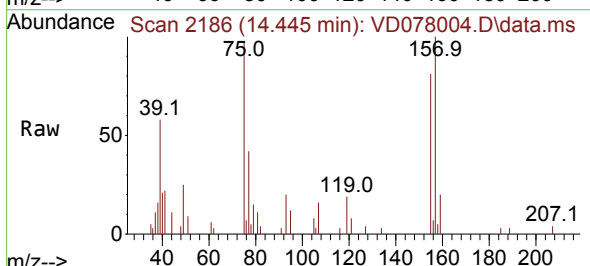
Tgt Ion: 75 Resp: 9366

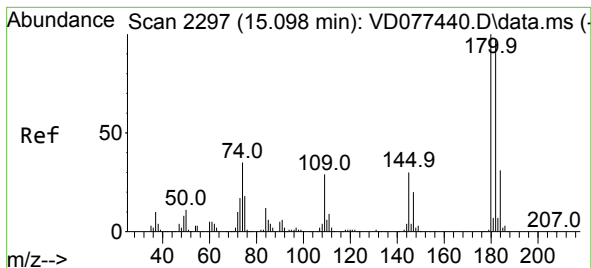
Ion Ratio Lower Upper

75 100

155 93.8 47.9 143.8

157 125.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 43.927 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :

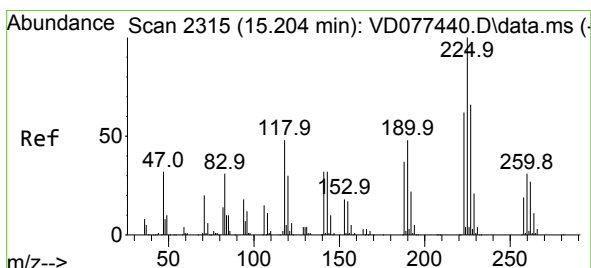
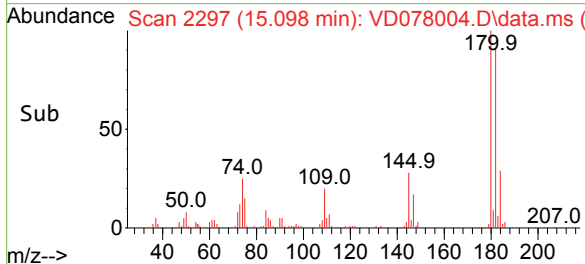
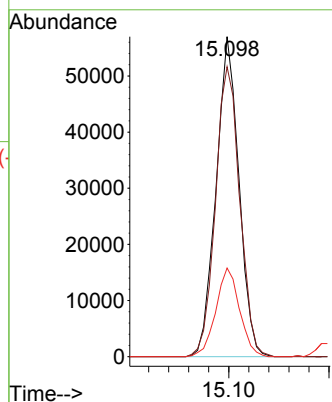
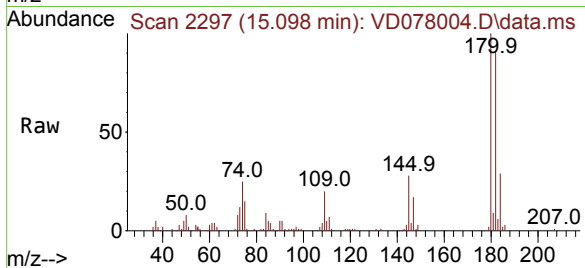
Tgt Ion:180 Resp: 89984

Ion Ratio Lower Upper

180 100

182 96.2 48.5 145.6

145 28.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 44.904 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078004.D

Acq: 20 Dec 2023 19:03

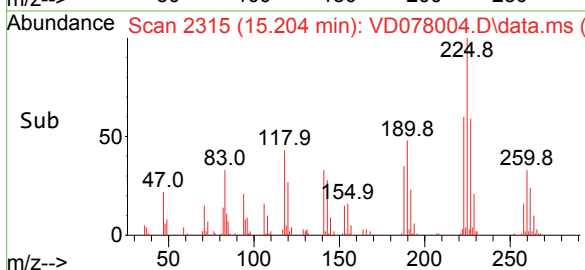
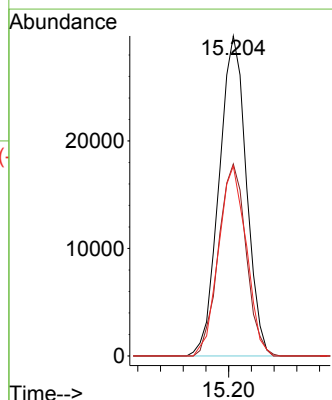
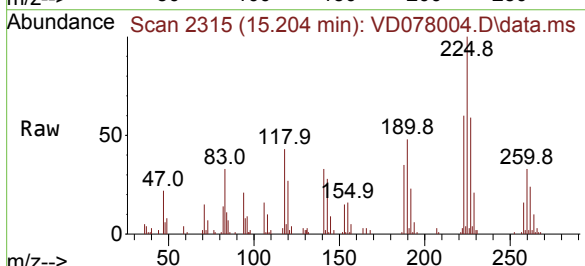
Tgt Ion:225 Resp: 49603

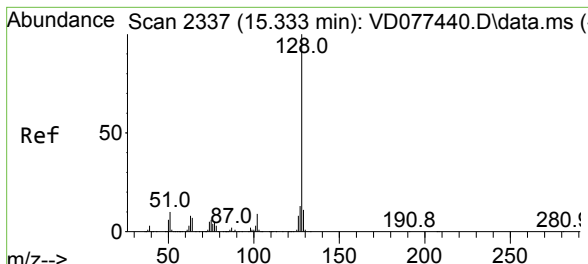
Ion Ratio Lower Upper

225 100

223 60.7 31.6 94.8

227 60.4 31.7 95.1

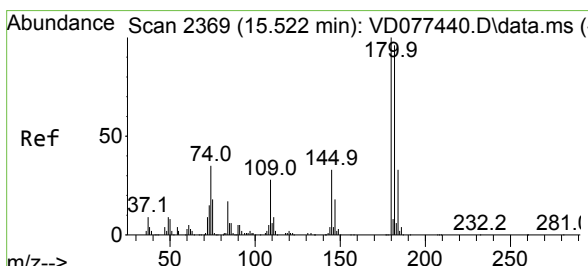
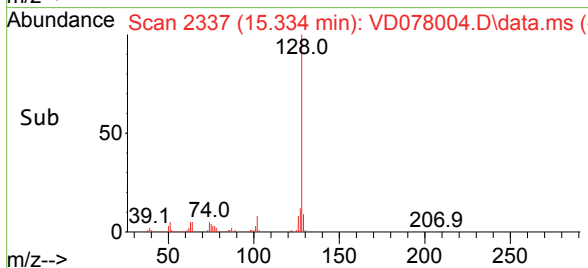
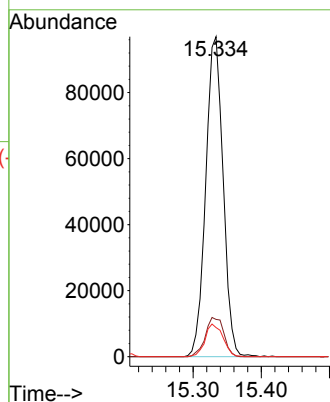
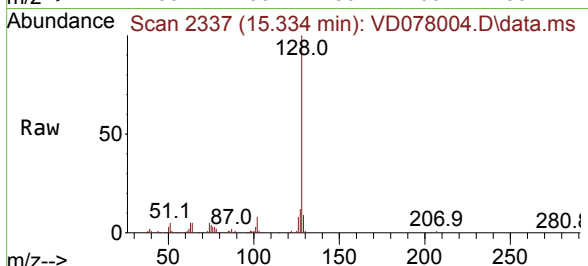




#95
Naphthalene
Concen: 50.413 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 171584
Ion Ratio Lower Upper
128 100
127 11.6 10.5 15.7
129 9.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.708 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078004.D
Acq: 20 Dec 2023 19:03

Tgt Ion:180 Resp: 80570
Ion Ratio Lower Upper
180 100
182 93.1 47.3 141.9
145 30.4 15.1 45.3

