

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078035.D
 Acq On : 21 Dec 2023 19:22
 Operator : RP/MD
 Sample : 05796-05MS
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 22 05:31:29 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	7.881	168	104521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	186809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	177938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	101332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	79267	64.359	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.720%	
35) Dibromofluoromethane	7.804	113	82459	63.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.040%	
50) Toluene-d8	10.269	98	316220	60.338	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 120.680%	
62) 4-Bromofluorobenzene	12.575	95	103753	66.216	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 132.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	58062	44.470	ug/l	100
3) Chloromethane	2.152	50	98358	55.267	ug/l	100
4) Vinyl Chloride	2.287	62	140756	58.260	ug/l	98
5) Bromomethane	2.699	94	111651	82.358	ug/l	95
6) Chloroethane	2.840	64	109684	66.590	ug/l	95
7) Trichlorofluoromethane	3.181	101	118594	53.297	ug/l	96
8) Diethyl Ether	3.599	74	39426	63.100	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.969	101	72992	57.340	ug/l	96
10) Methyl Iodide	4.163	142	82895	71.024	ug/l	91
11) Tert butyl alcohol	5.052	59	17335	294.272	ug/l #	93
12) 1,1-Dichloroethene	3.946	96	70835	56.380	ug/l	87
13) Acrolein	3.793	56	27867	213.895	ug/l	98
14) Allyl chloride	4.563	41	96628	55.921	ug/l	89
15) Acrylonitrile	5.252	53	88623	331.275	ug/l	99
16) Acetone	4.016	43	78349	300.754	ug/l	89
17) Carbon Disulfide	4.275	76	202655	47.677	ug/l	100
18) Methyl Acetate	4.563	43	74476	76.781	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	182962	68.638	ug/l	98
20) Methylene Chloride	4.805	84	97098	68.347	ug/l #	83
21) trans-1,2-Dichloroethene	5.316	96	88481	62.177	ug/l	95
22) Diisopropyl ether	6.216	45	231664	64.156	ug/l	95
23) Vinyl Acetate	6.157	43	530866	301.052	ug/l	94
24) 1,1-Dichloroethane	6.116	63	158327	64.747	ug/l	94
25) 2-Butanone	7.081	43	108287	324.314	ug/l	88
26) 2,2-Dichloropropane	7.081	77	125981	61.361	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	104642	68.338	ug/l	92
28) Bromochloromethane	7.428	49	59602	60.319	ug/l	81
29) Tetrahydrofuran	7.446	42	61338	312.749	ug/l	92
30) Chloroform	7.599	83	171066	69.898	ug/l	94
31) Cyclohexane	7.881	56	111172	50.748	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	137325	63.651	ug/l	98
36) 1,1-Dichloropropene	8.010	75	119583	57.133	ug/l	96
37) Ethyl Acetate	7.169	43	44646	54.704	ug/l	94
38) Carbon Tetrachloride	7.993	117	117608	56.362	ug/l	97
39) Methylcyclohexane	9.275	83	132029	53.209	ug/l	93
40) Benzene	8.251	78	362199	60.970	ug/l	95

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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)
41) Methacrylonitrile	7.399	41	29746	71.710	ug/l	88
42) 1,2-Dichloroethane	8.322	62	99797	64.808	ug/l	95
43) Isopropyl Acetate	8.357	43	87485	60.302	ug/l	95
44) Trichloroethene	9.034	130	94687	61.163	ug/l	93
45) 1,2-Dichloropropane	9.304	63	93305	64.609	ug/l	98
46) Dibromomethane	9.393	93	52060	68.132	ug/l	94
47) Bromodichloromethane	9.587	83	131819	68.061	ug/l #	97
48) Methyl methacrylate	9.381	41	48508	58.819	ug/l	86
49) 1,4-Dioxane	9.381	88	8844	1165.618	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	236716	319.704	ug/l	93
52) Toluene	10.334	92	235958	64.032	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	125149	67.289	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	146520	65.159	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	72744	69.599	ug/l	94
56) Ethyl methacrylate	10.598	69	62106	67.407	ug/l #	89
57) 1,3-Dichloropropane	10.881	76	123143	68.352	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	140437	267.280	ug/l	95
59) 2-Hexanone	10.922	43	171094	278.524	ug/l	91
60) Dibromochloromethane	11.075	129	88939	70.677	ug/l	96
61) 1,2-Dibromoethane	11.181	107	69901	71.047	ug/l	98
64) Tetrachloroethene	10.810	164	75230	57.523	ug/l	92
65) Chlorobenzene	11.610	112	255209	61.261	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	98737	66.729	ug/l	96
67) Ethyl Benzene	11.687	91	467925	63.164	ug/l	97
68) m/p-Xylenes	11.792	106	362962	128.090	ug/l	92
69) o-Xylene	12.122	106	166821	63.879	ug/l	89
70) Styrene	12.134	104	263409	67.832	ug/l	95
71) Bromoform	12.298	173	55434	71.700	ug/l #	96
73) Isopropylbenzene	12.422	105	448975	58.460	ug/l	95
74) N-amyl acetate	12.234	43	76503	50.675	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	87181	65.103	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	104144	118.336	ug/l #	100
77) Bromobenzene	12.698	156	107266	59.379	ug/l	92
78) n-propylbenzene	12.763	91	544841	58.219	ug/l	96
79) 2-Chlorotoluene	12.851	91	297241	59.267	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	379617	59.265	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	26990	62.135	ug/l	98
82) 4-Chlorotoluene	12.945	91	313563	59.805	ug/l	98
83) tert-Butylbenzene	13.169	119	329664	60.962	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	390994	61.029	ug/l	96
85) sec-Butylbenzene	13.345	105	476314	59.588	ug/l	95
86) p-Isopropyltoluene	13.463	119	435933	60.913	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	226126	61.212	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	219586	59.869	ug/l	97
89) n-Butylbenzene	13.787	91	399859	59.378	ug/l	98
90) Hexachloroethane	14.051	117	85989	65.333	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	195766	62.310	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11714	60.595	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	120378	56.093	ug/l	96
94) Hexachlorobutadiene	15.204	225	62099	53.662	ug/l	97
95) Naphthalene	15.333	128	225990	63.380	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	106281	60.072	ug/l	99

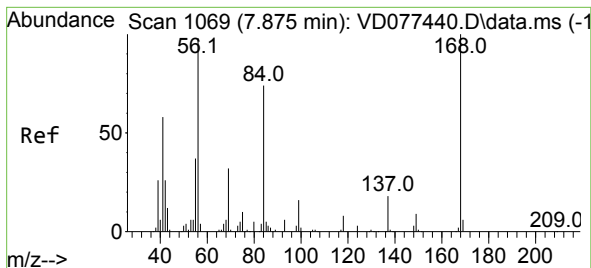
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Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD078035.D

Acq: 21 Dec 2023 19:22

Instrument :

MSVOA_D

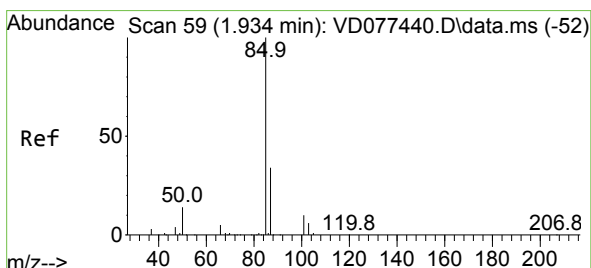
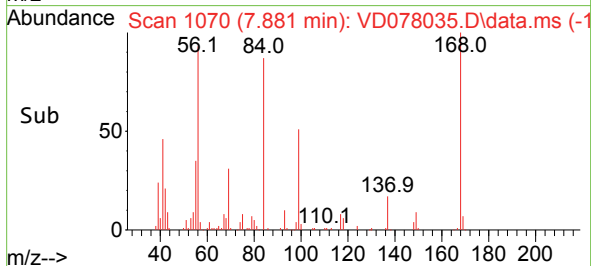
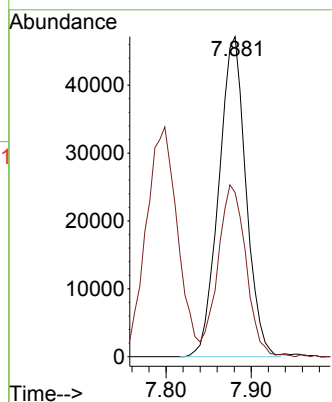
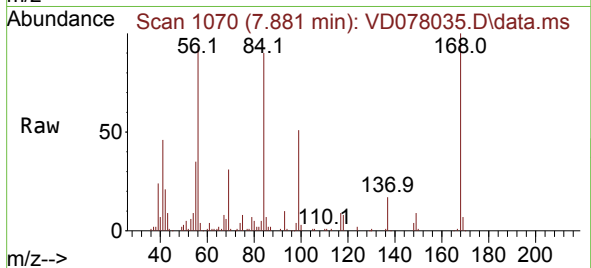
ClientSampleId :

Tgt Ion:168 Resp: 104521

Ion Ratio Lower Upper

168 100

99 50.7 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 44.470 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078035.D

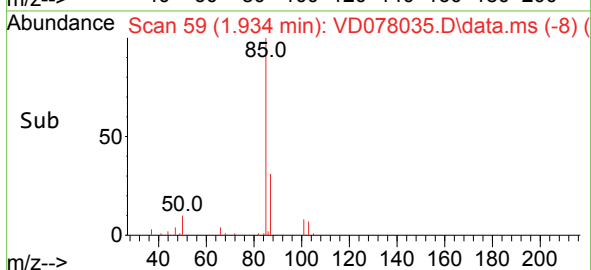
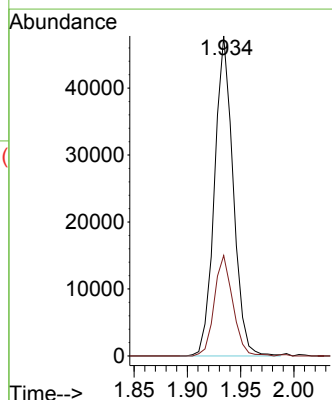
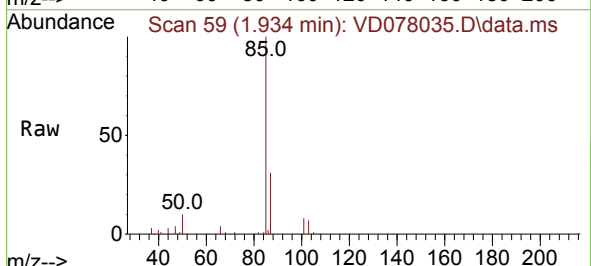
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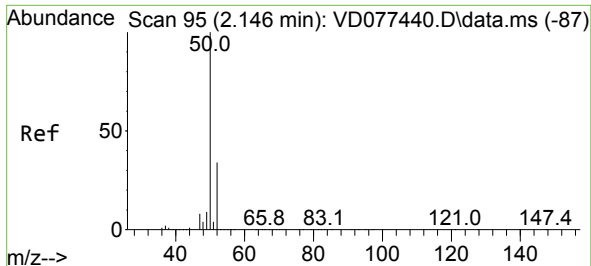
Tgt Ion: 85 Resp: 58062

Ion Ratio Lower Upper

85 100

87 31.4 15.7 47.0

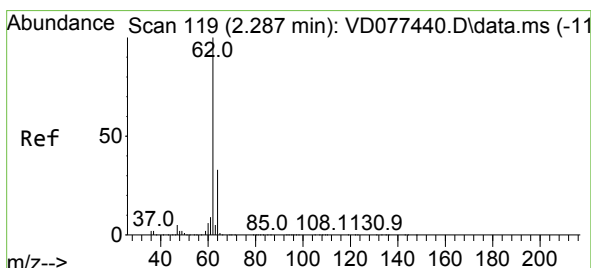
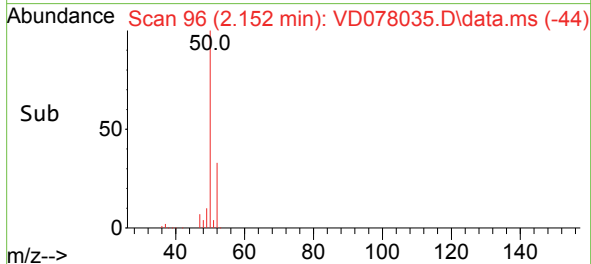
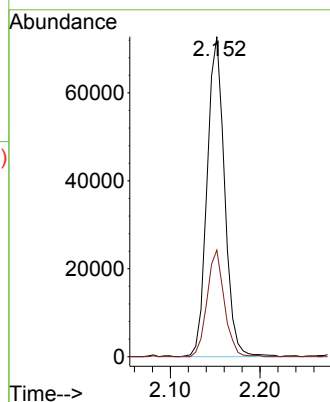
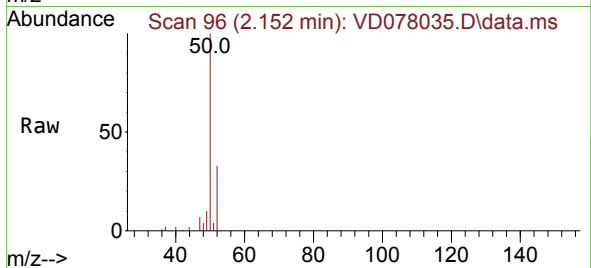




#3
Chloromethane
Concen: 55.267 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

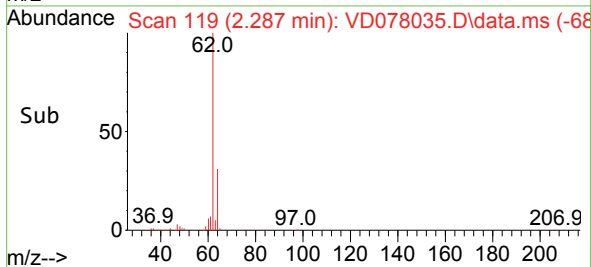
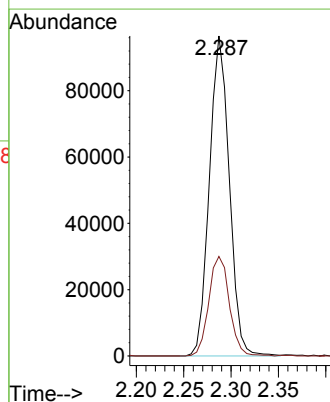
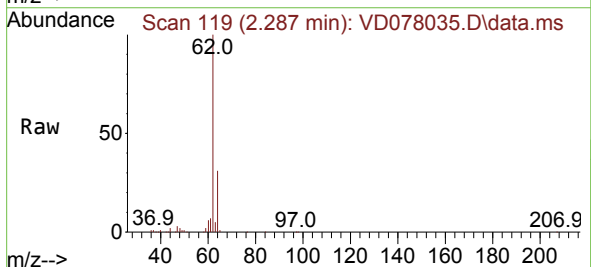
Instrument :
MSVOA_D
ClientSampleId :

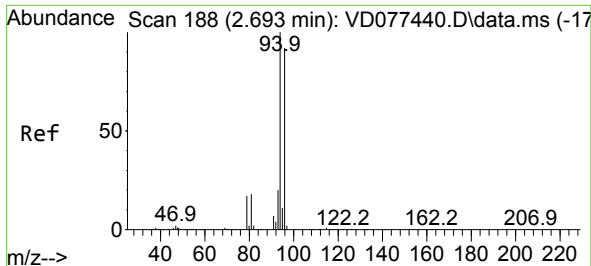
Tgt Ion: 50 Resp: 98358
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0



#4
Vinyl Chloride
Concen: 58.260 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Tgt Ion: 62 Resp: 140756
Ion Ratio Lower Upper
62 100
64 31.1 26.0 39.0

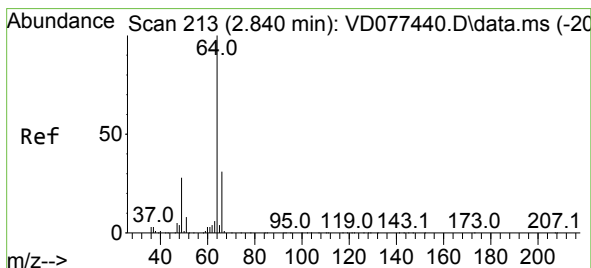
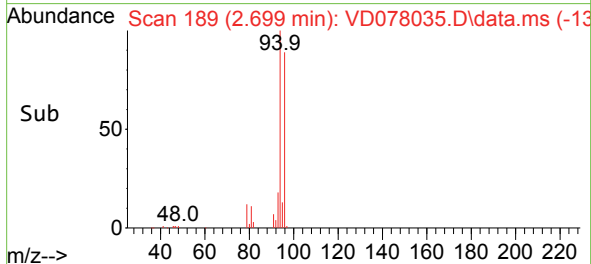
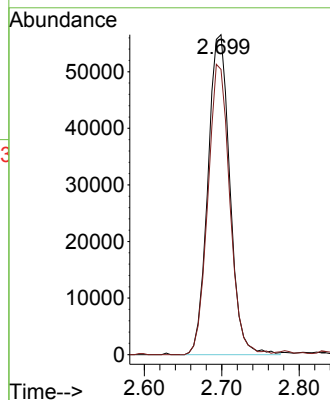
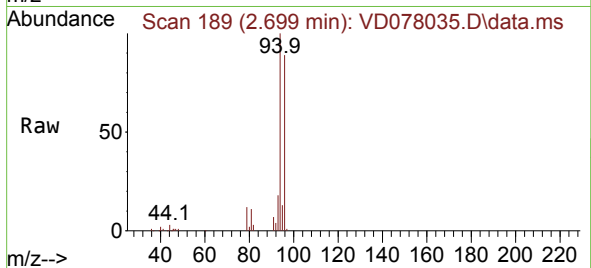




#5
Bromomethane
Concen: 82.358 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

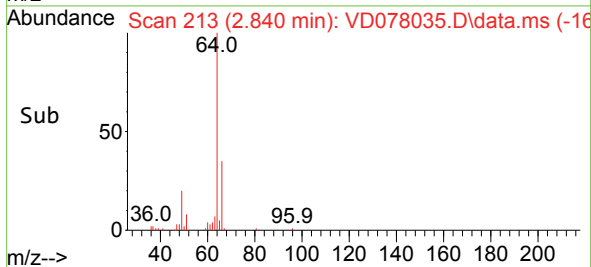
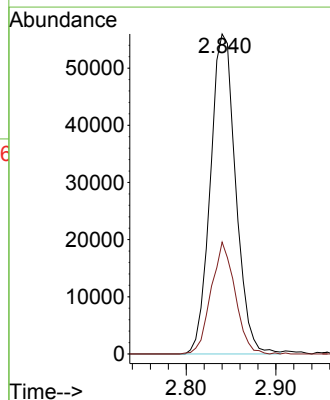
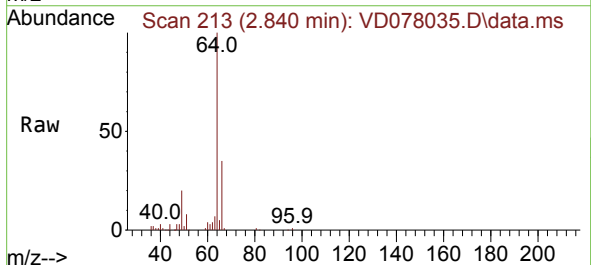
Instrument :
MSVOA_D
ClientSampleId :

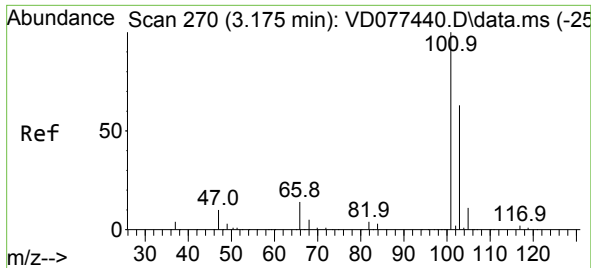
Tgt Ion: 94 Resp: 111651
Ion Ratio Lower Upper
94 100
96 90.4 75.8 113.8



#6
Chloroethane
Concen: 66.590 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

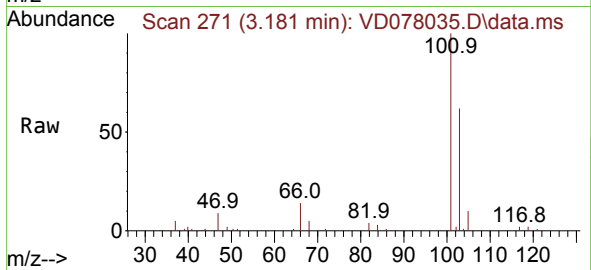
Tgt Ion: 64 Resp: 109684
Ion Ratio Lower Upper
64 100
66 34.9 25.5 38.3



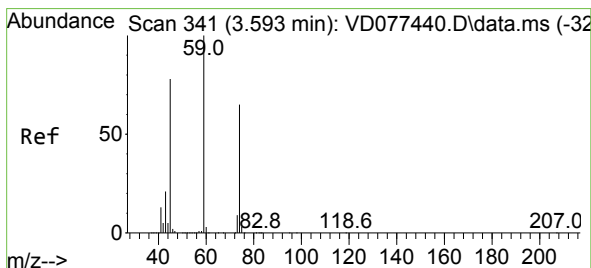
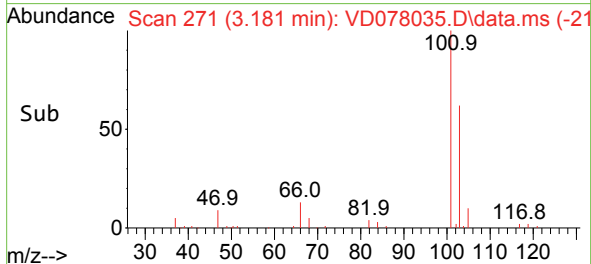
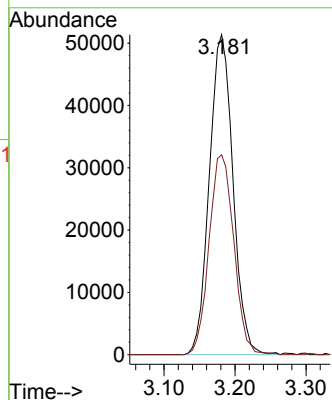


#7
 Trichlorofluoromethane
 Concen: 53.297 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078035.D
 Acq: 21 Dec 2023 19:22

Instrument :
 MSVOA_D
 ClientSampleId :

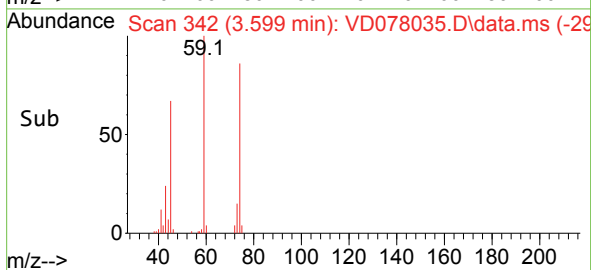
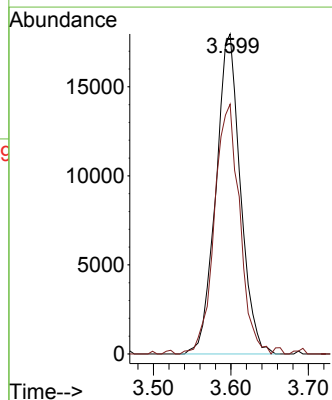
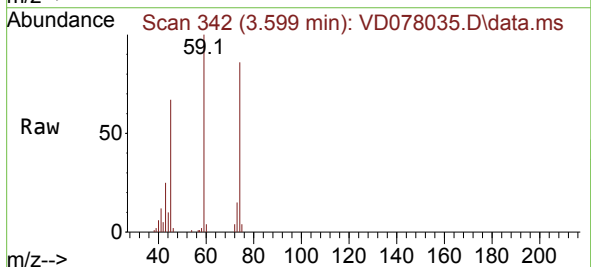


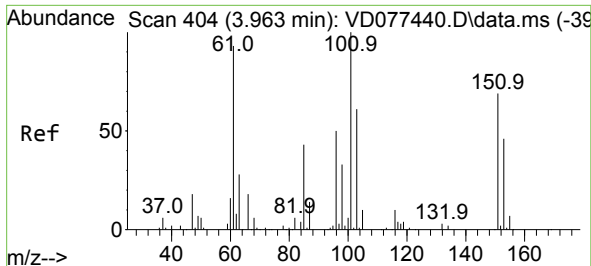
Tgt Ion:101 Resp: 118594
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 63.100 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD078035.D
 Acq: 21 Dec 2023 19:22

Tgt Ion: 74 Resp: 39426
 Ion Ratio Lower Upper
 74 100
 45 80.7 37.5 112.7

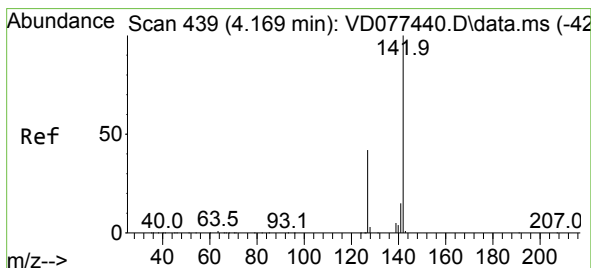
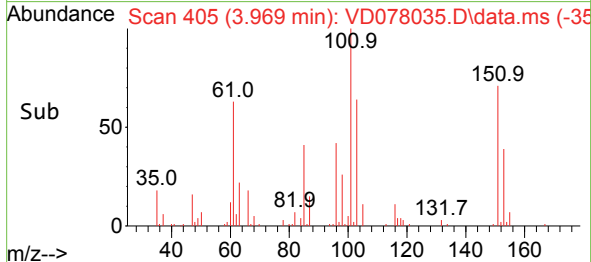
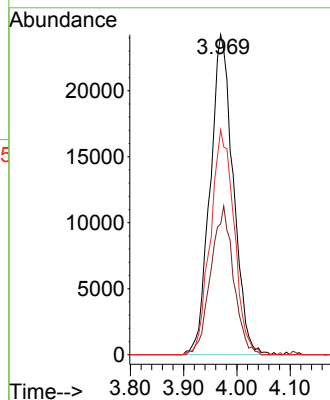
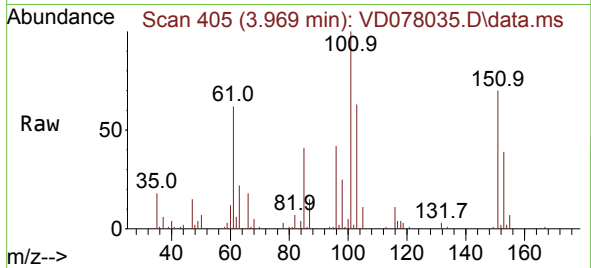




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.340 ug/l
RT: 3.969 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

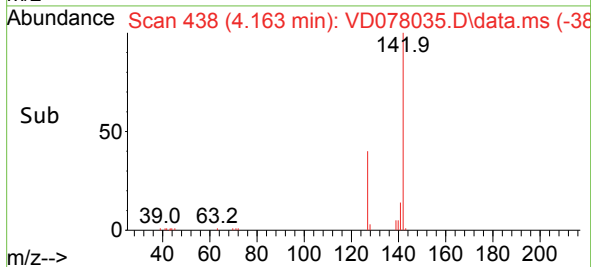
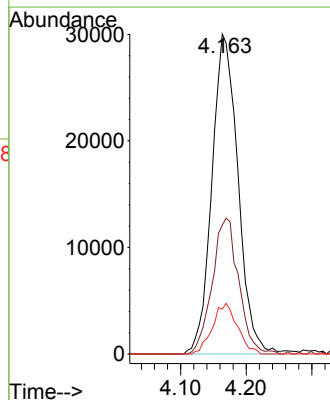
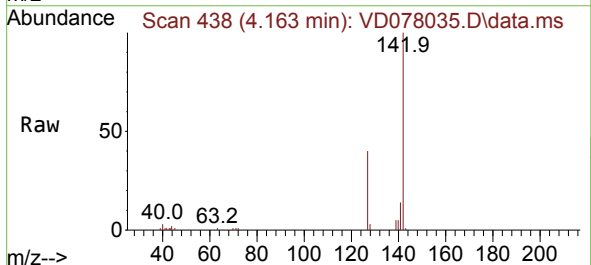
Instrument :
MSVOA_D
ClientSampleId :

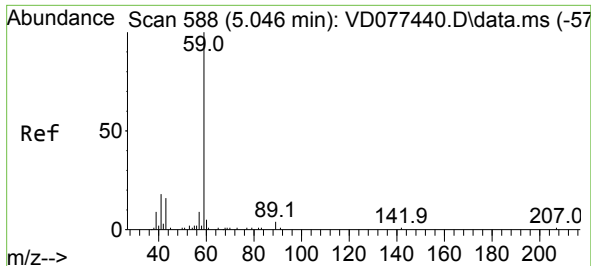
Tgt Ion:101 Resp: 72992
Ion Ratio Lower Upper
101 100
85 45.5 33.8 50.6
151 71.9 59.8 89.6



#10
Methyl Iodide
Concen: 71.024 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

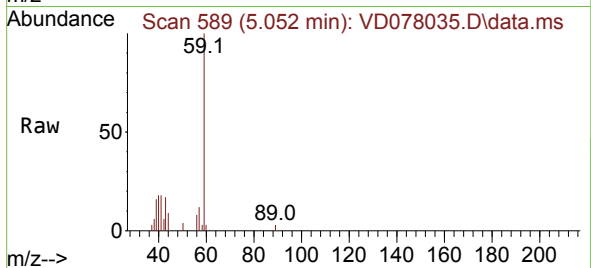
Tgt Ion:142 Resp: 82895
Ion Ratio Lower Upper
142 100
127 43.0 29.4 44.0
141 15.1 11.1 16.7



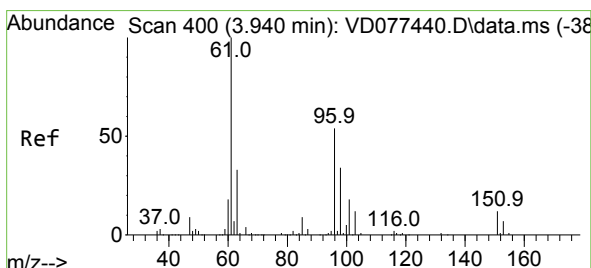
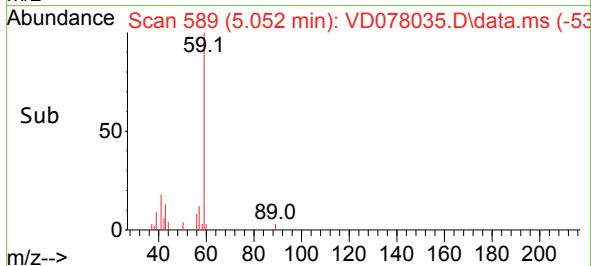
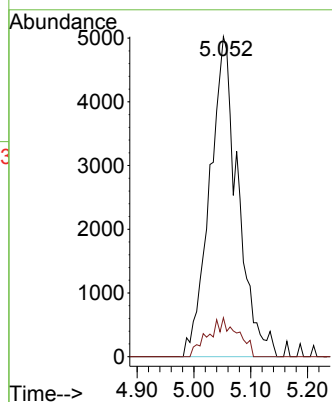


#11
Tert butyl alcohol
Concen: 294.272 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Instrument :
MSVOA_D
ClientSampleId :

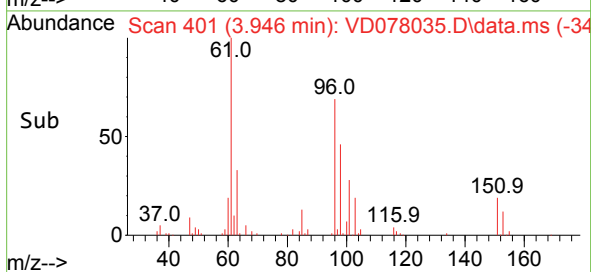
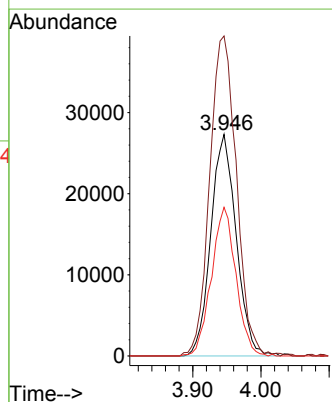
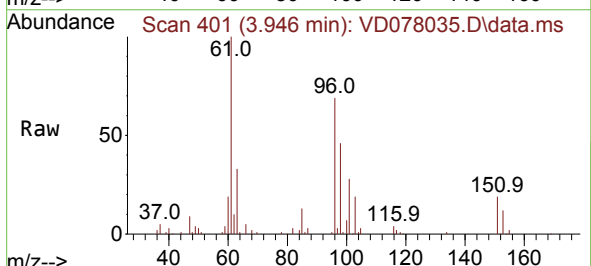


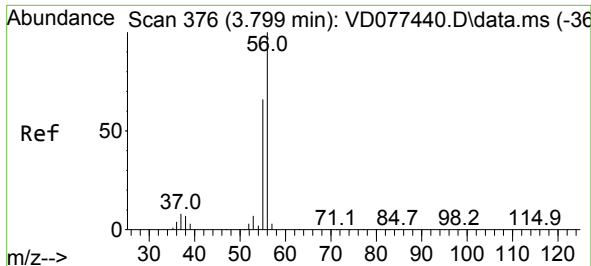
Tgt Ion: 59 Resp: 17335
Ion Ratio Lower Upper
59 100
57 12.6 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 56.380 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Tgt Ion: 96 Resp: 70835
Ion Ratio Lower Upper
96 100
61 144.4 100.6 150.8
98 67.1 50.2 75.2

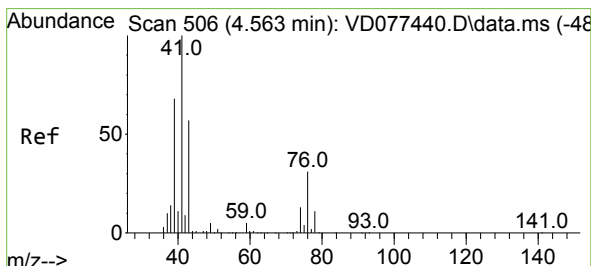
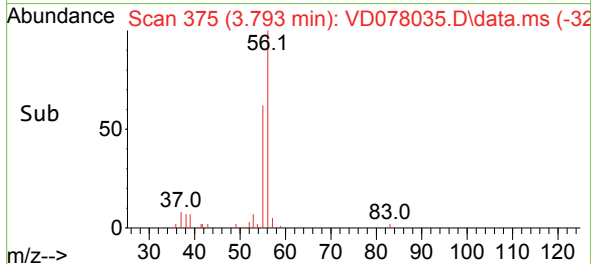
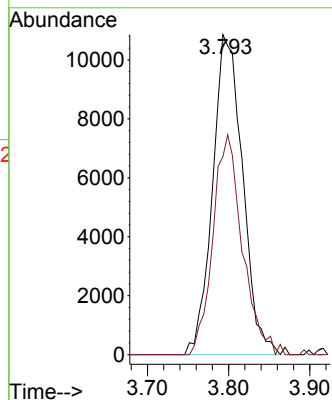
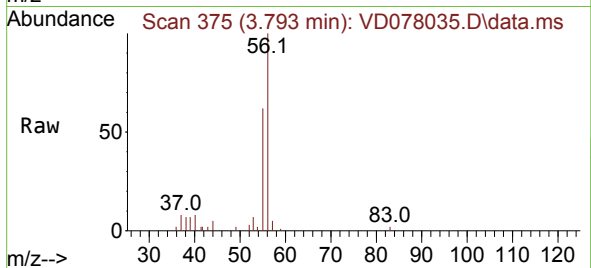




#13
Acrolein
Concen: 213.895 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

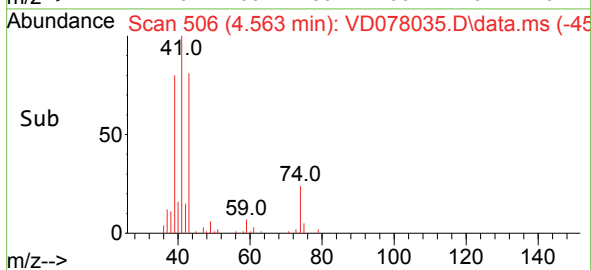
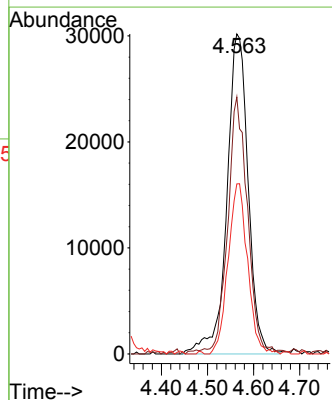
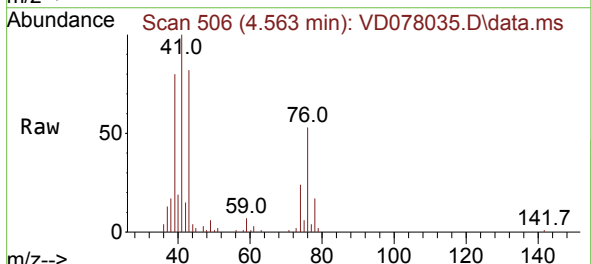
Instrument :
MSVOA_D
ClientSampleId :

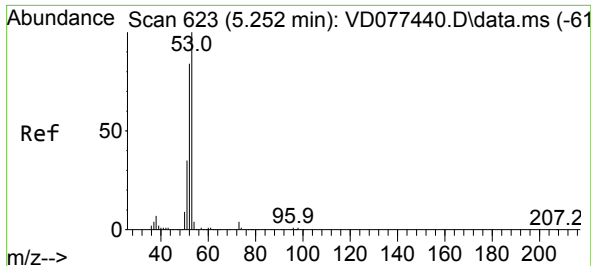
Tgt Ion: 56 Resp: 27867
Ion Ratio Lower Upper
56 100
55 67.5 55.1 82.7



#14
Allyl chloride
Concen: 55.921 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

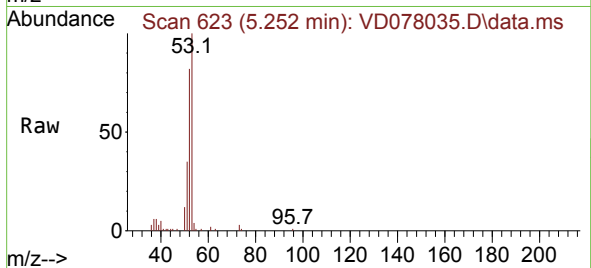
Tgt Ion: 41 Resp: 96628
Ion Ratio Lower Upper
41 100
39 75.0 53.8 80.6
76 48.8 45.8 68.8



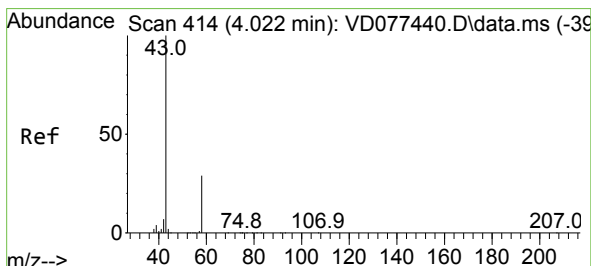
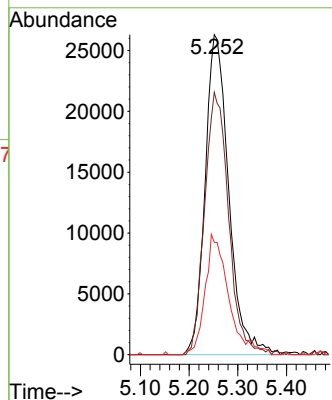
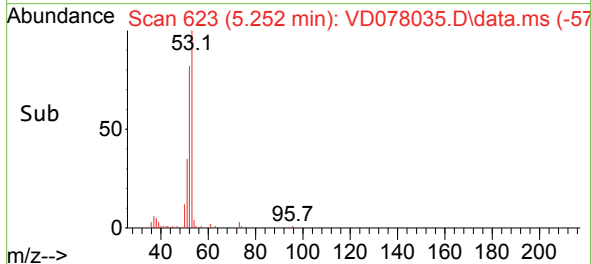


#15
Acrylonitrile
Concen: 331.275 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Instrument :
MSVOA_D
ClientSampleId :

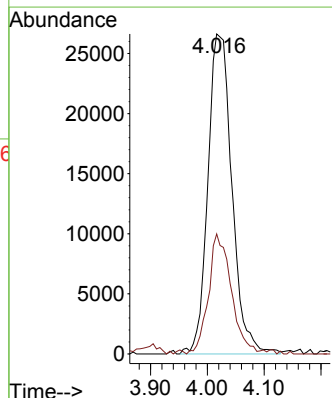
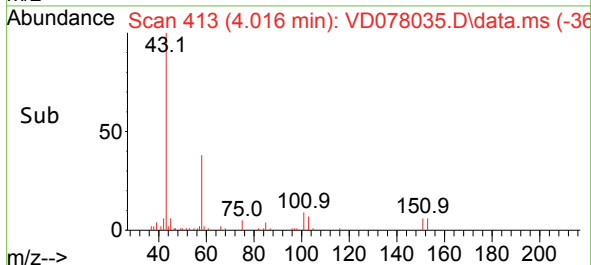
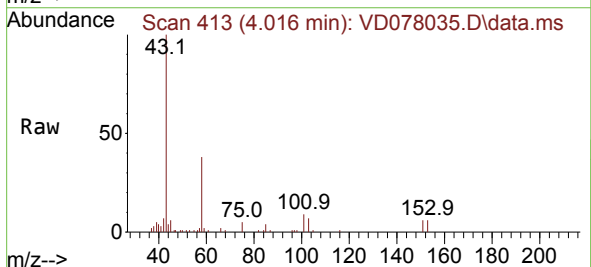


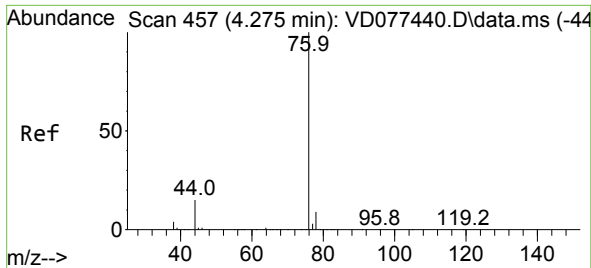
Tgt Ion: 53 Resp: 88623
Ion Ratio Lower Upper
53 100
52 82.9 65.0 97.4
51 35.3 28.3 42.5



#16
Acetone
Concen: 300.754 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Tgt Ion: 43 Resp: 78349
Ion Ratio Lower Upper
43 100
58 36.6 34.7 52.1

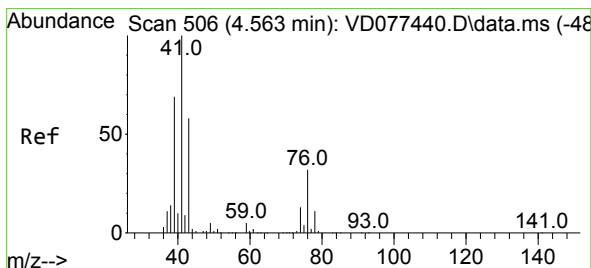
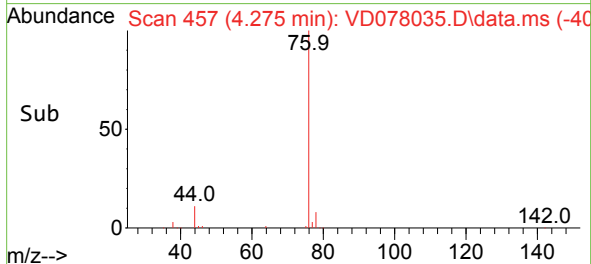
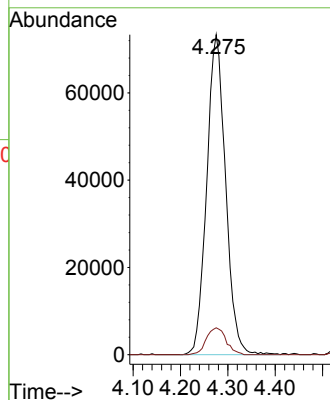
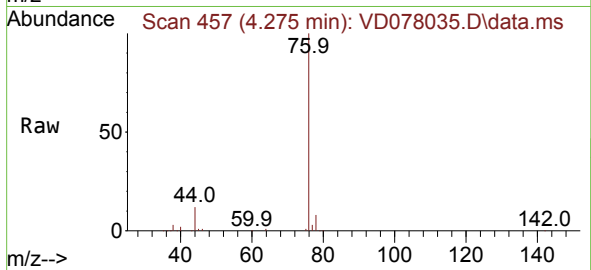




#17
Carbon Disulfide
Concen: 47.677 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

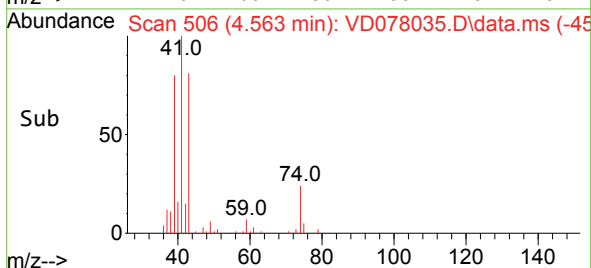
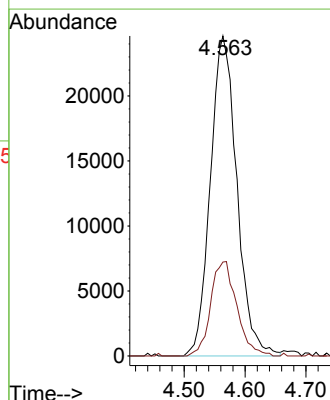
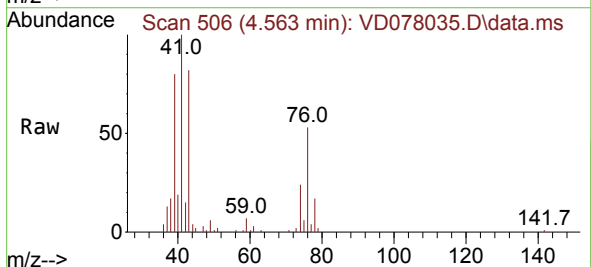
Instrument :
MSVOA_D
ClientSampleId :

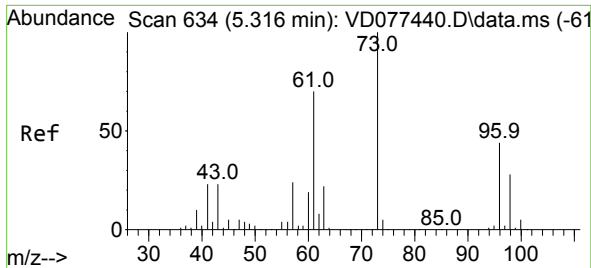
Tgt Ion: 76 Resp: 202655
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 76.781 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Tgt Ion: 43 Resp: 74476
Ion Ratio Lower Upper
43 100
74 29.0 26.4 39.6

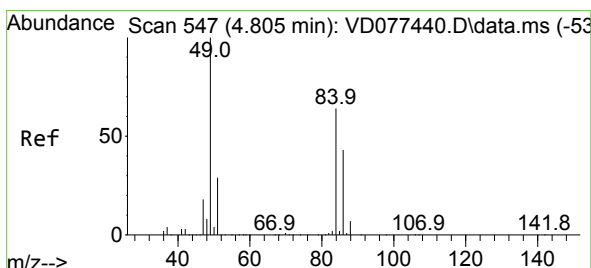
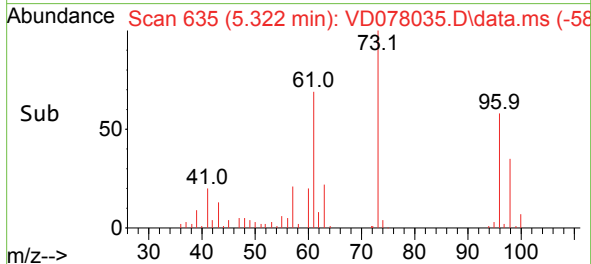
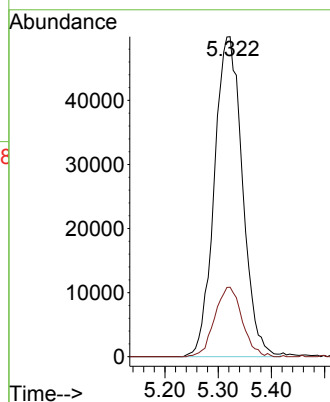
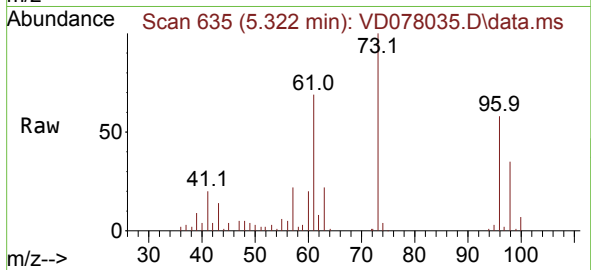




#19
Methyl tert-butyl Ether
Concen: 68.638 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

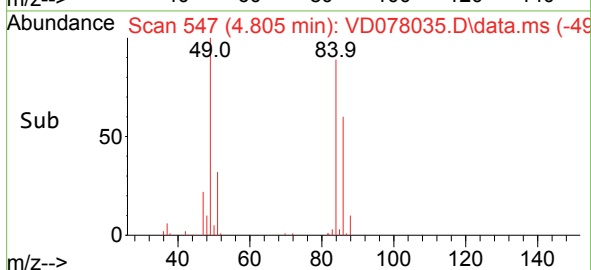
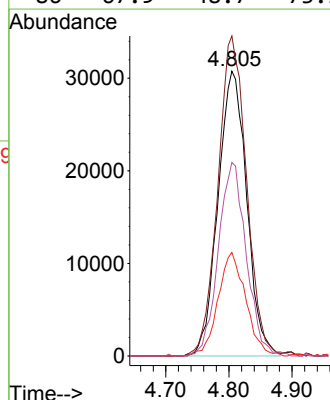
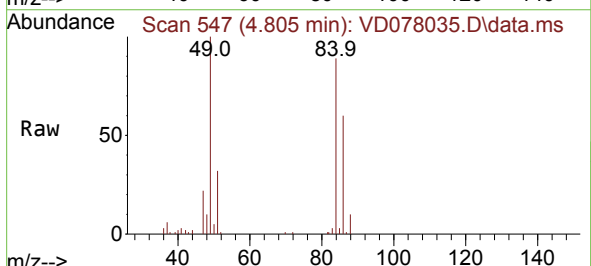
Instrument :
MSVOA_D
ClientSampleId :

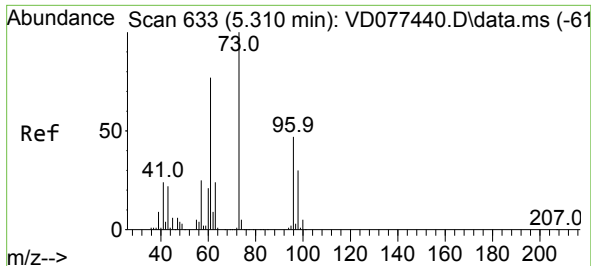
Tgt Ion: 73 Resp: 182962
Ion Ratio Lower Upper
73 100
57 21.7 16.6 25.0



#20
Methylene Chloride
Concen: 68.347 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

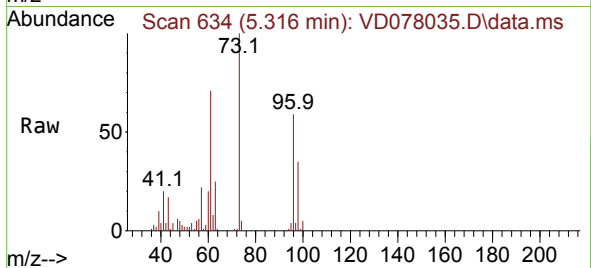
Tgt Ion: 84 Resp: 97098
Ion Ratio Lower Upper
84 100
49 112.4 71.4 107.2#
51 36.3 24.5 36.7
86 67.9 48.7 73.1



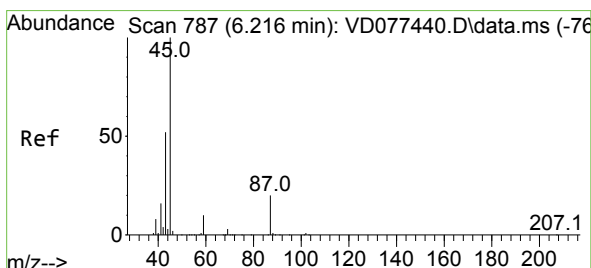
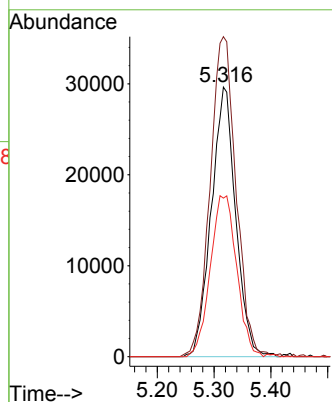
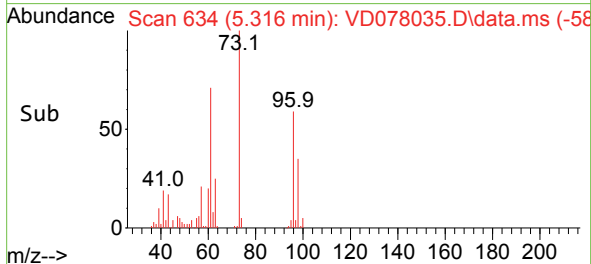


#21
trans-1,2-Dichloroethene
Concen: 62.177 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

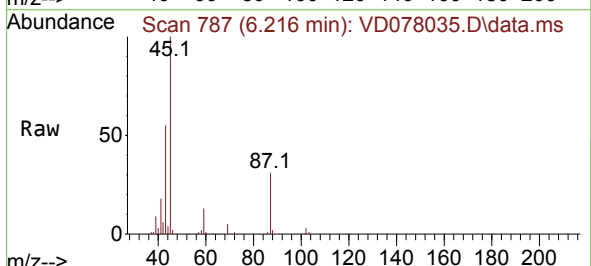
Instrument :
MSVOA_D
ClientSampleId :



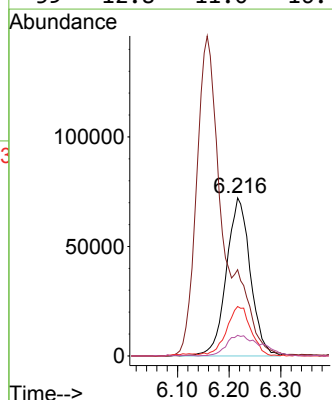
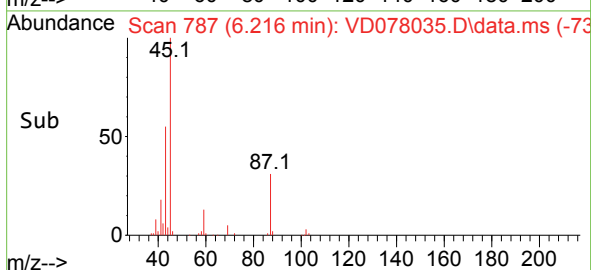
Tgt Ion: 96 Resp: 88481
Ion Ratio Lower Upper
96 100
61 118.7 89.3 133.9
98 58.8 48.6 73.0

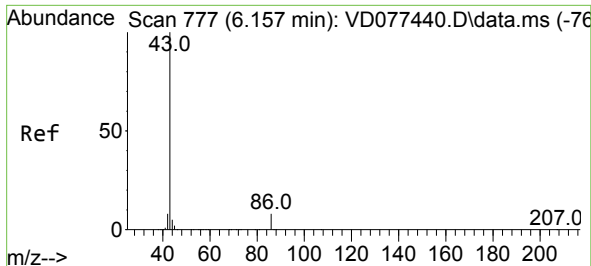


#22
Diisopropyl ether
Concen: 64.156 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22



Tgt Ion: 45 Resp: 231664
Ion Ratio Lower Upper
45 100
43 52.6 40.0 60.0
87 31.0 28.2 42.4
59 12.8 11.0 16.4

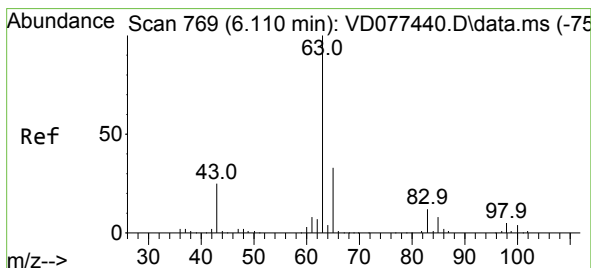
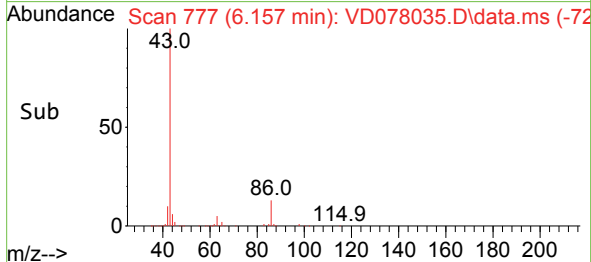
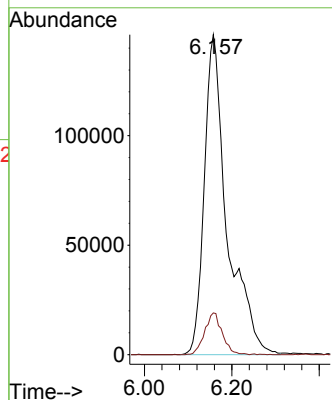
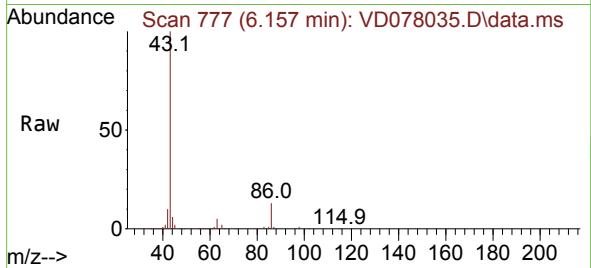




#23
 Vinyl Acetate
 Concen: 301.052 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078035.D
 Acq: 21 Dec 2023 19:22

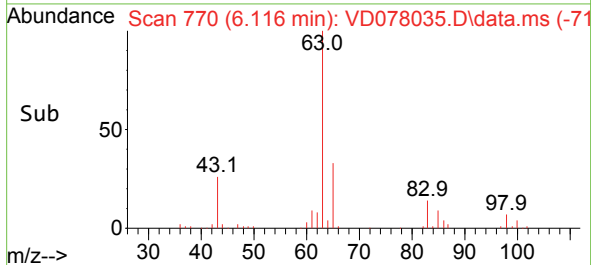
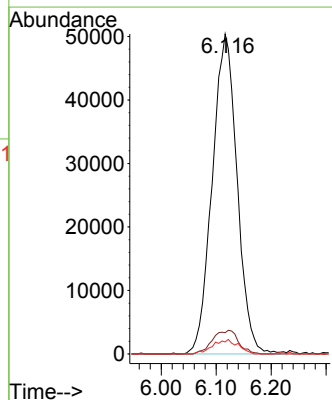
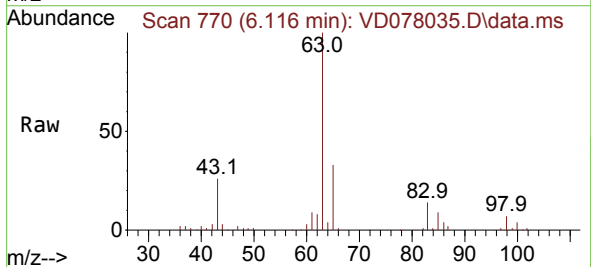
Instrument :
 MSVOA_D
 ClientSampleId :

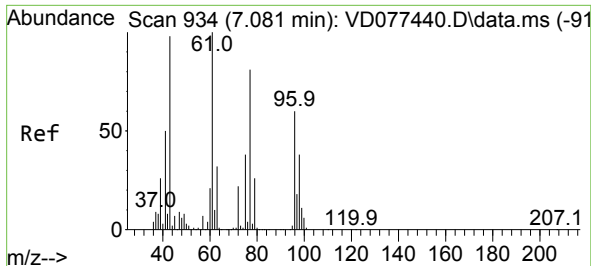
Tgt Ion: 43 Resp: 530866
 Ion Ratio Lower Upper
 43 100
 86 13.0 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 64.747 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078035.D
 Acq: 21 Dec 2023 19:22

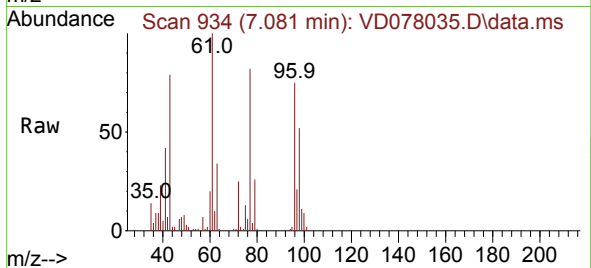
Tgt Ion: 63 Resp: 158327
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.5 13.7
 100 3.7 2.5 7.5



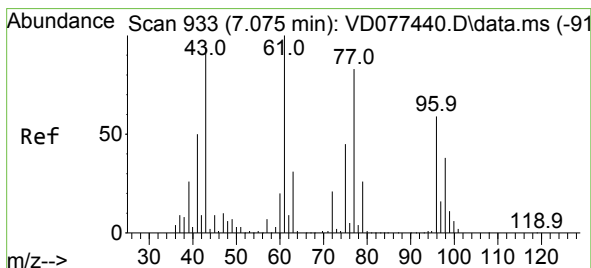
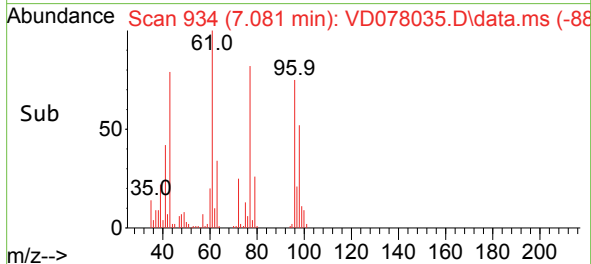
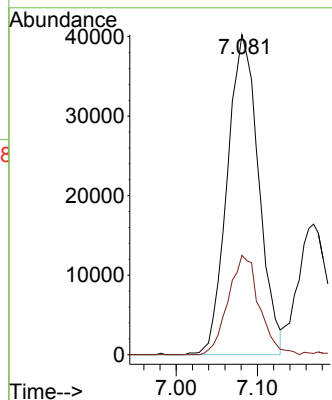


#25
2-Butanone
Concen: 324.314 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Instrument :
MSVOA_D
ClientSampleId :

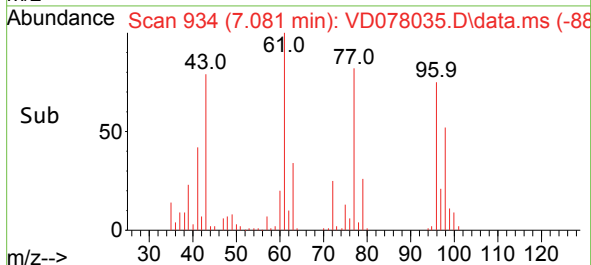
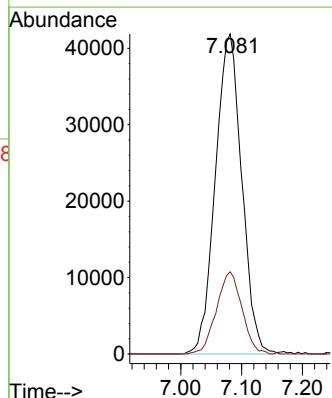
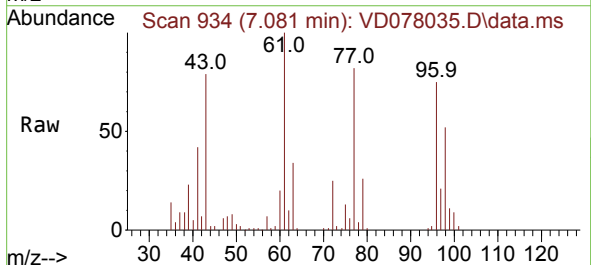


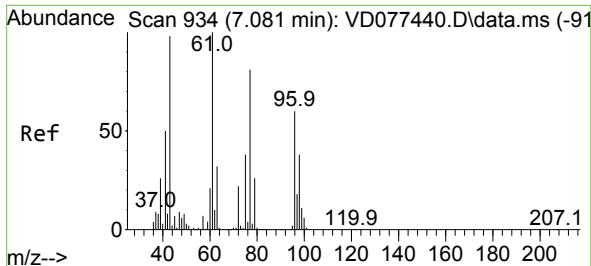
Tgt Ion: 43 Resp: 108287
Ion Ratio Lower Upper
43 100
72 31.0 30.7 46.1



#26
2,2-Dichloropropane
Concen: 61.361 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Tgt Ion: 77 Resp: 125981
Ion Ratio Lower Upper
77 100
97 24.8 13.2 39.6

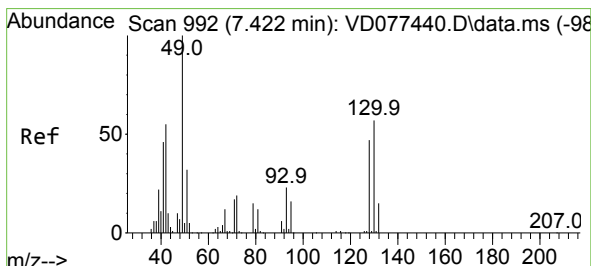
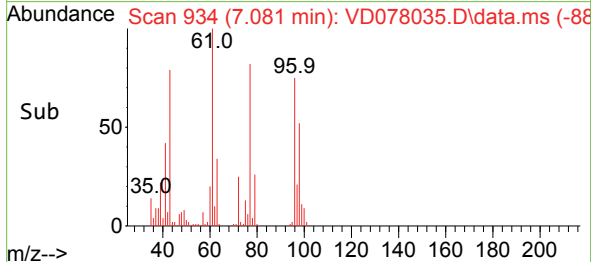
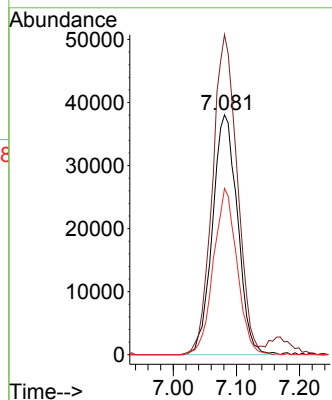
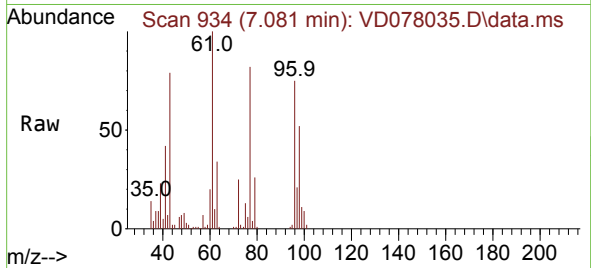




#27
 cis-1,2-Dichloroethene
 Concen: 68.338 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078035.D
 Acq: 21 Dec 2023 19:22

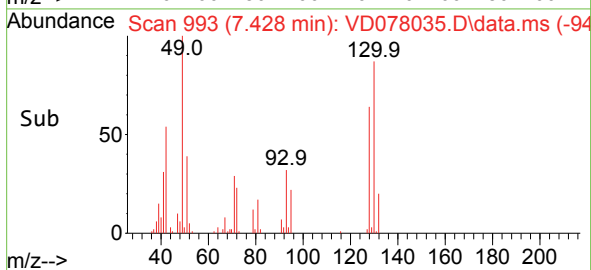
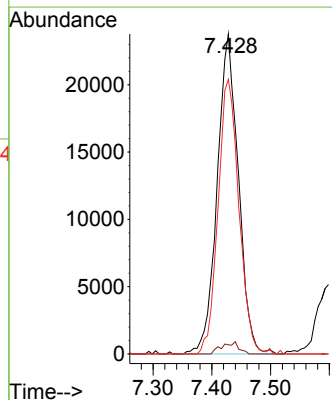
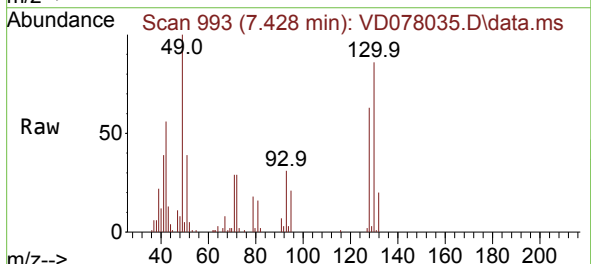
Instrument :
 MSVOA_D
 ClientSampleId :

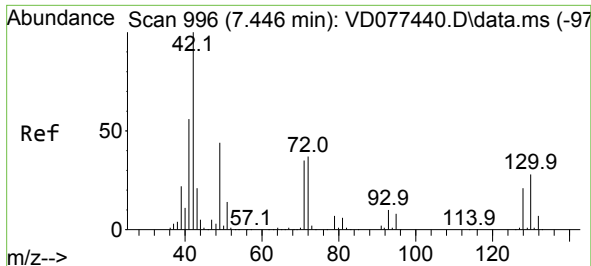
Tgt Ion: 96 Resp: 104642
 Ion Ratio Lower Upper
 96 100
 61 132.7 0.0 239.2
 98 65.4 0.0 128.6



#28
 Bromochloromethane
 Concen: 60.319 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD078035.D
 Acq: 21 Dec 2023 19:22

Tgt Ion: 49 Resp: 59602
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 6.0
 130 84.3 83.2 124.8





#29

Tetrahydrofuran

Concen: 312.749 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD078035.D

Acq: 21 Dec 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

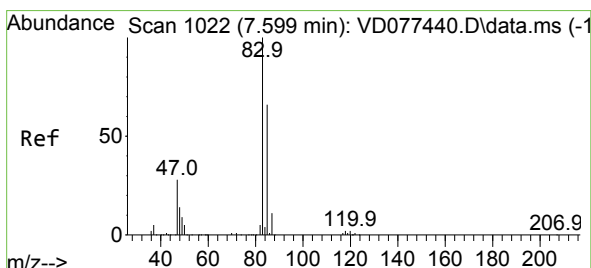
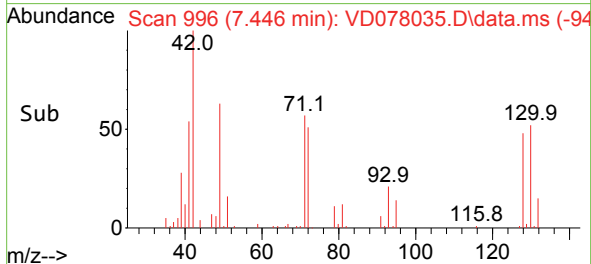
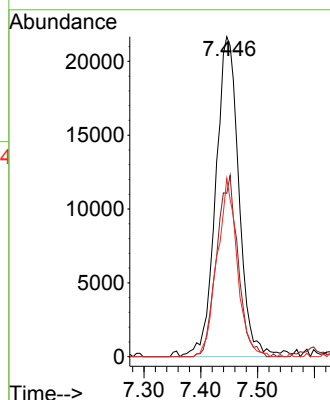
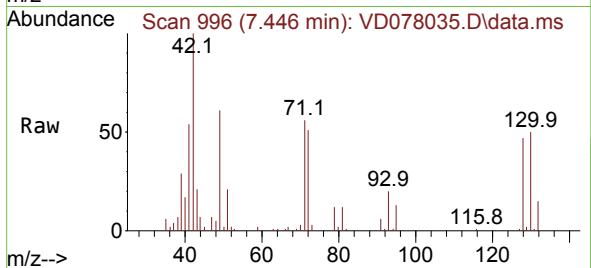
Tgt Ion: 42 Resp: 61338

Ion Ratio Lower Upper

42 100

72 52.4 46.5 69.7

71 48.8 44.5 66.7



#30

Chloroform

Concen: 69.898 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078035.D

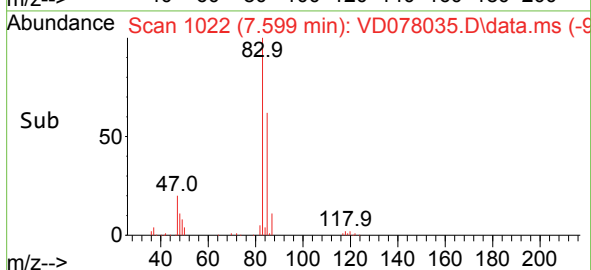
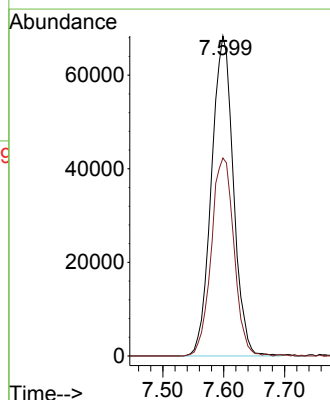
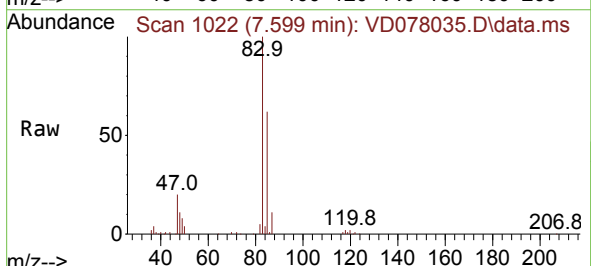
Acq: 21 Dec 2023 19:22

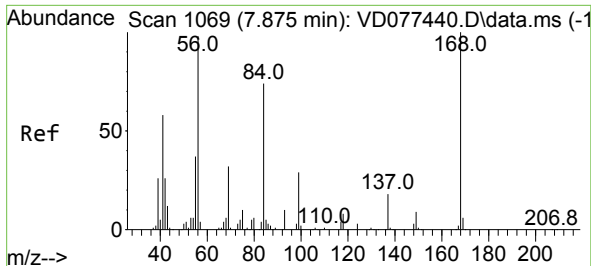
Tgt Ion: 83 Resp: 171066

Ion Ratio Lower Upper

83 100

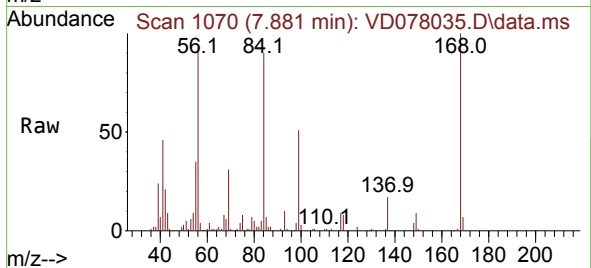
85 61.9 53.4 80.2



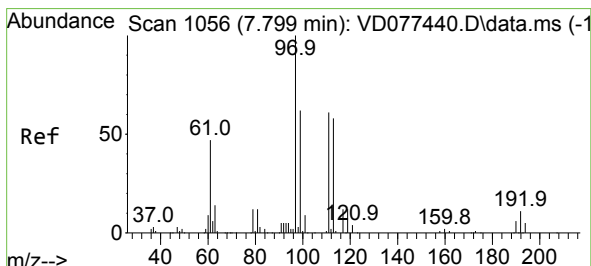
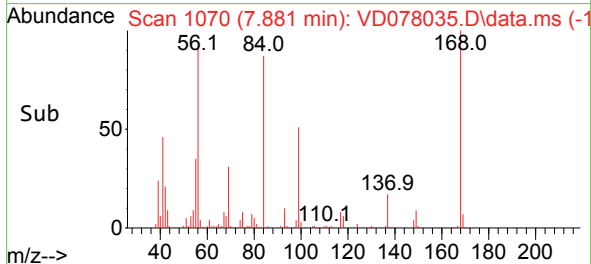
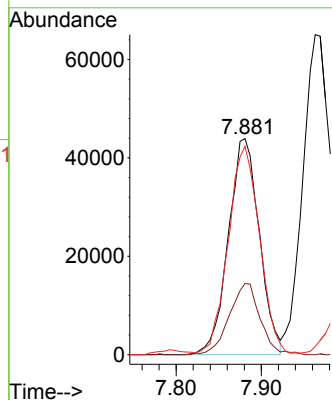


#31
Cyclohexane
Concen: 50.748 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Instrument :
MSVOA_D
ClientSampleId :

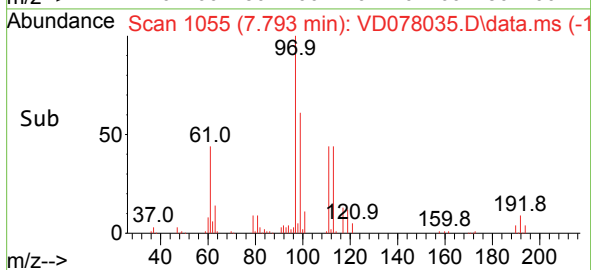
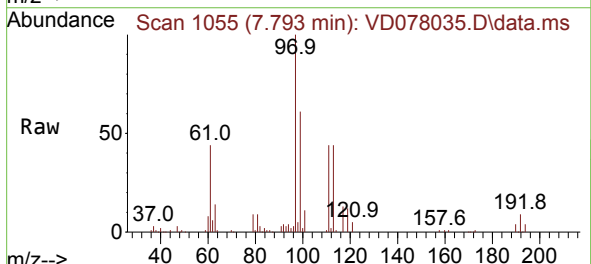
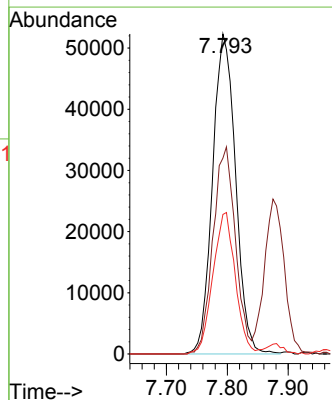


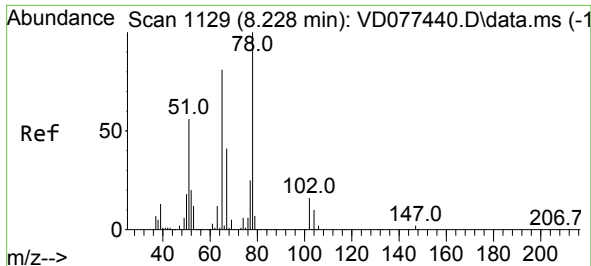
Tgt Ion: 56 Resp: 111172
Ion Ratio Lower Upper
56 100
69 32.9 28.6 43.0
84 94.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 63.651 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Tgt Ion: 97 Resp: 137325
Ion Ratio Lower Upper
97 100
99 63.2 52.0 78.0
61 42.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 64.359 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD078035.D

Acq: 21 Dec 2023 19:22

Instrument :

MSVOA_D

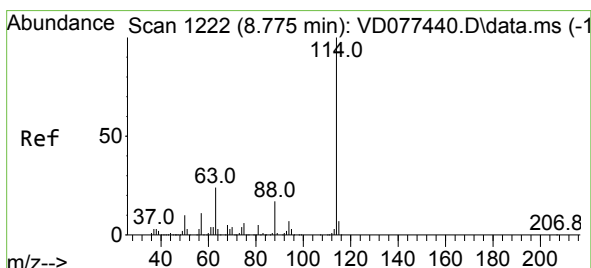
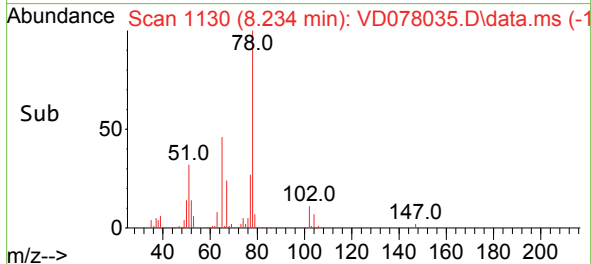
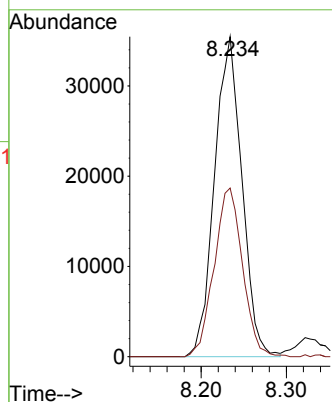
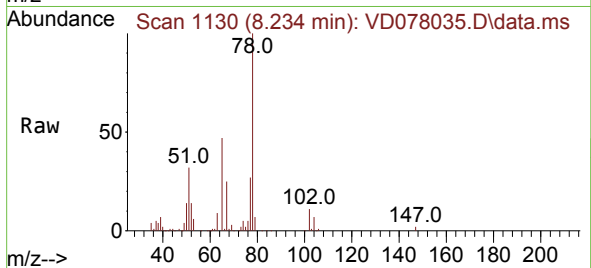
ClientSampleId :

Tgt Ion: 65 Resp: 79267

Ion Ratio Lower Upper

65 100

67 54.7 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: VD078035.D

Acq: 21 Dec 2023 19:22

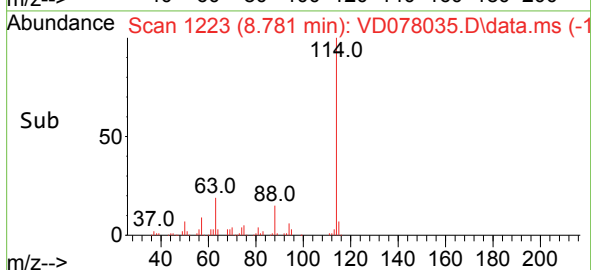
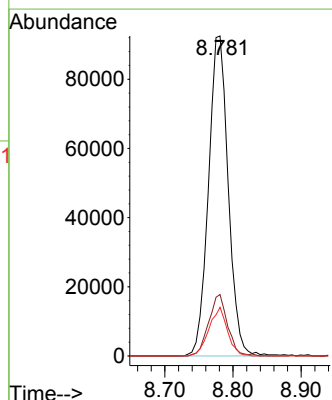
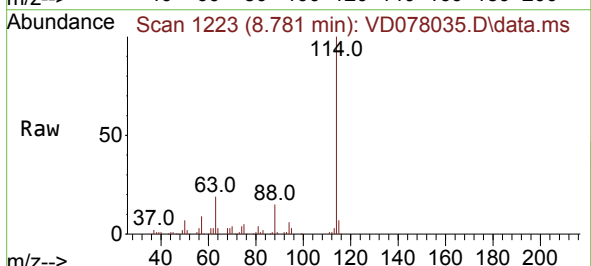
Tgt Ion: 114 Resp: 186809

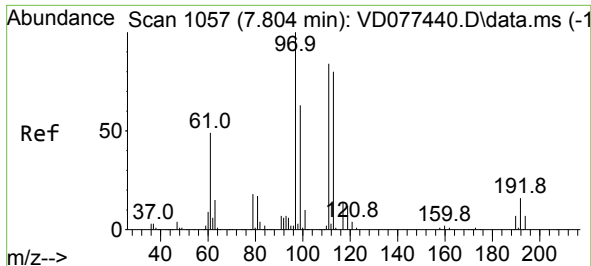
Ion Ratio Lower Upper

114 100

63 19.2 0.0 33.4

88 15.2 0.0 26.2

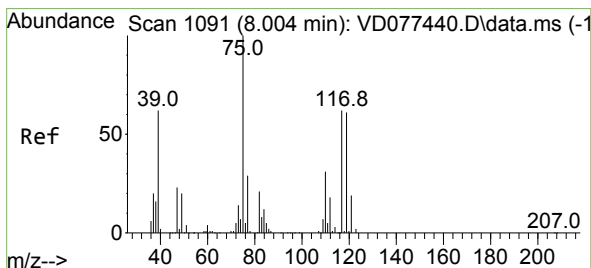
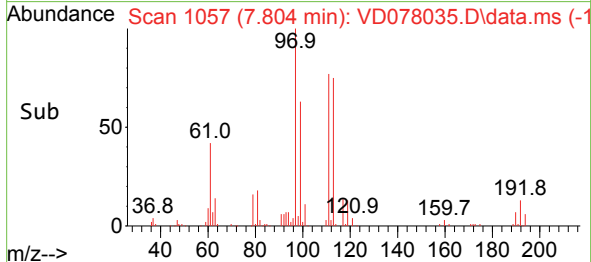
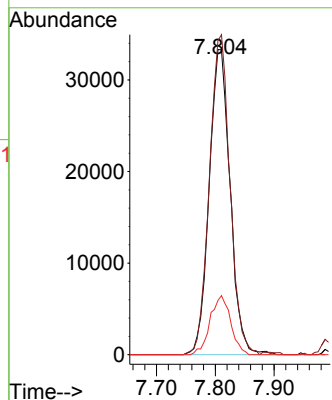
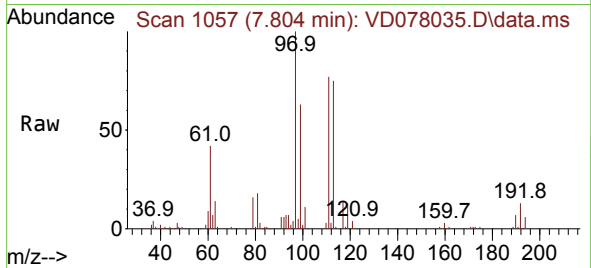




#35
Dibromofluoromethane
Concen: 63.016 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

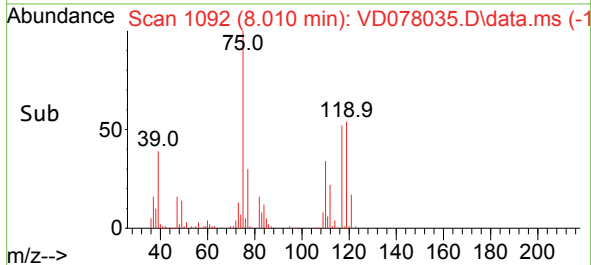
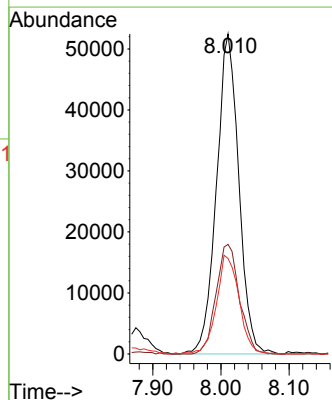
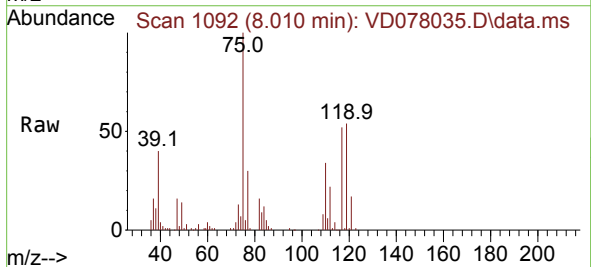
Instrument :
MSVOA_D
ClientSampleId :

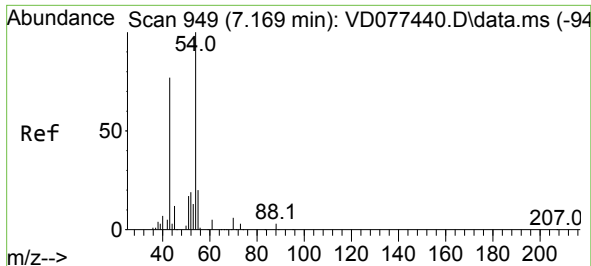
Tgt Ion:113 Resp: 82459
Ion Ratio Lower Upper
113 100
111 102.9 84.7 127.1
192 19.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 57.133 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

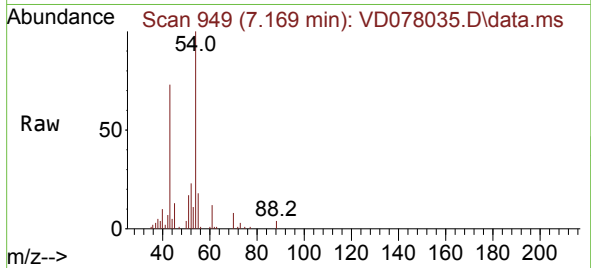
Tgt Ion: 75 Resp: 119583
Ion Ratio Lower Upper
75 100
110 35.8 19.9 59.6
77 31.4 24.7 37.1



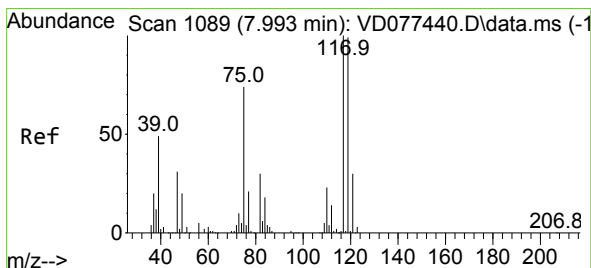
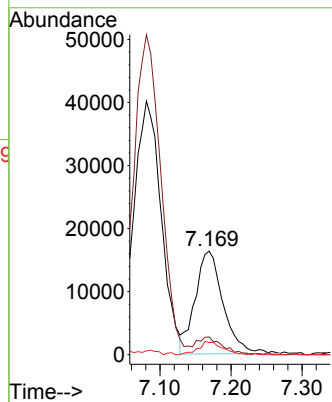
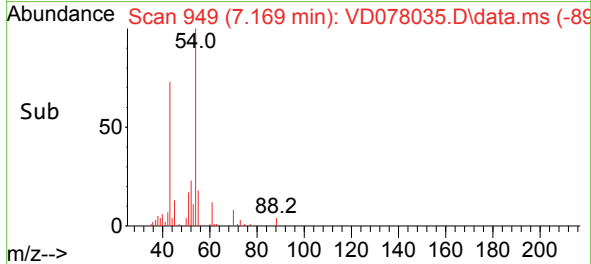


#37
Ethyl Acetate
Concen: 54.704 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Instrument :
MSVOA_D
ClientSampleId :

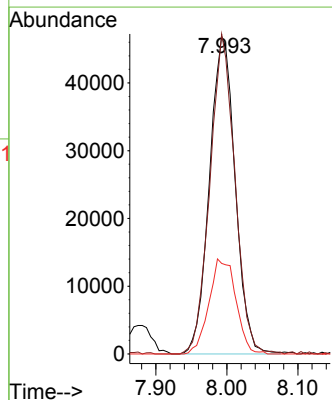
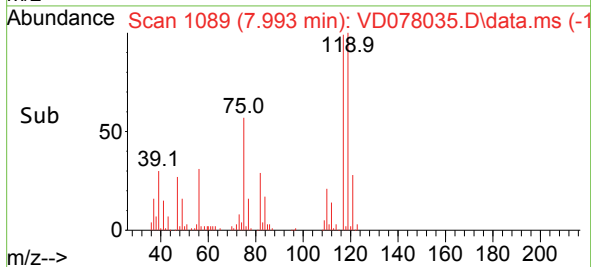
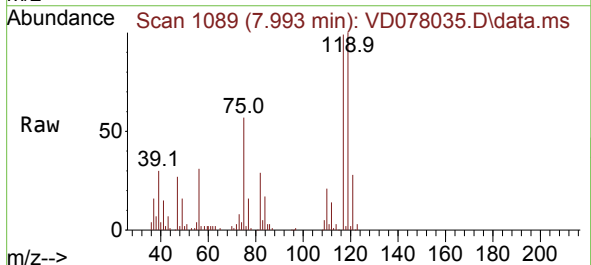


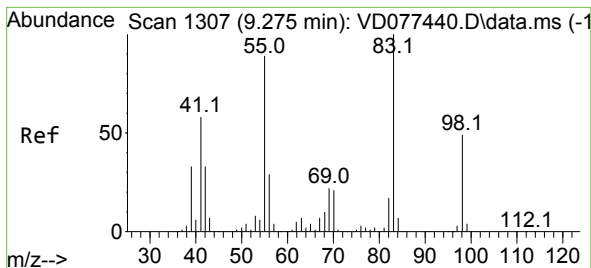
Tgt Ion: 43 Resp: 44646
Ion Ratio Lower Upper
43 100
61 15.2 14.9 22.3
70 10.7 10.0 15.0



#38
Carbon Tetrachloride
Concen: 56.362 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Tgt Ion: 117 Resp: 117608
Ion Ratio Lower Upper
117 100
119 100.8 78.0 117.0
121 28.5 24.2 36.2





#39

Methylcyclohexane

Concen: 53.209 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078035.D

Acq: 21 Dec 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

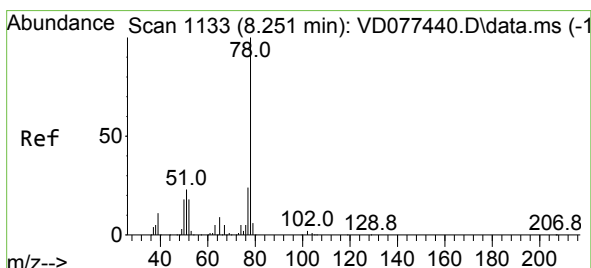
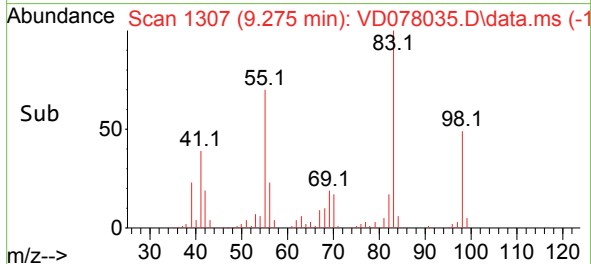
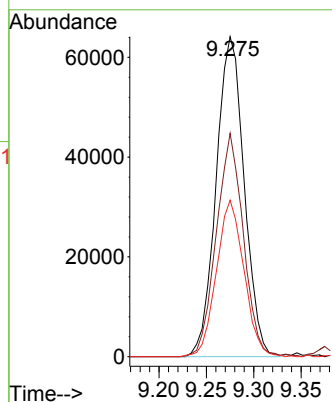
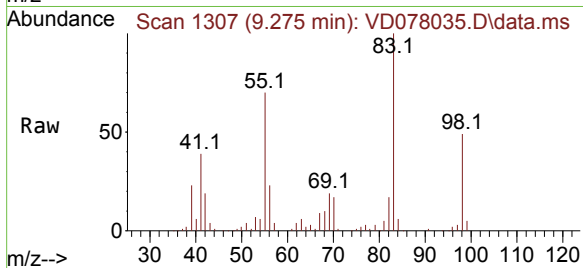
Tgt Ion: 83 Resp: 132029

Ion Ratio Lower Upper

83 100

55 69.8 49.4 74.0

98 48.9 38.4 57.6



#40

Benzene

Concen: 60.970 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078035.D

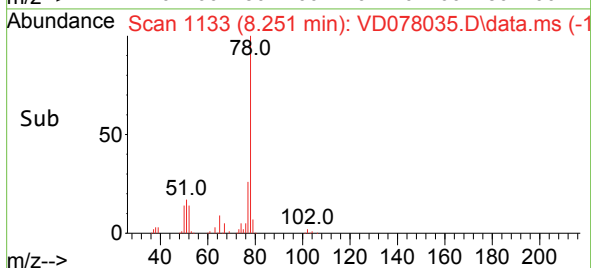
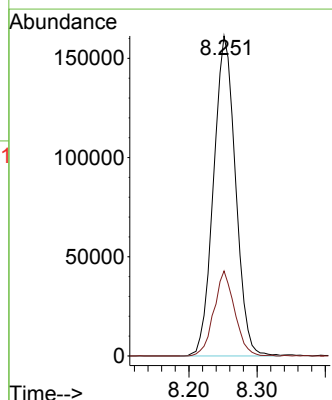
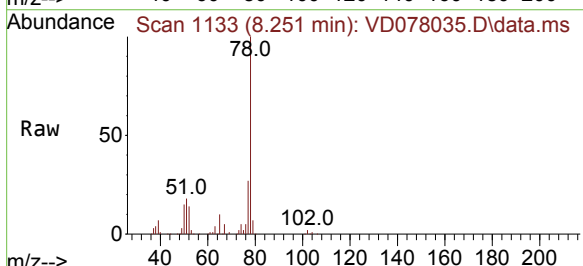
Acq: 21 Dec 2023 19:22

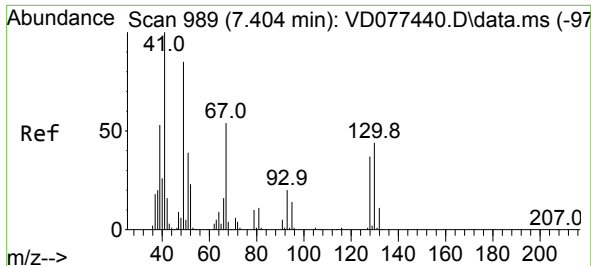
Tgt Ion: 78 Resp: 362199

Ion Ratio Lower Upper

78 100

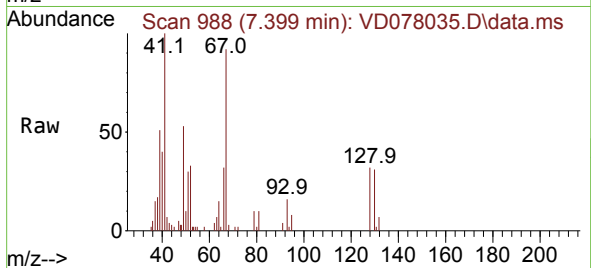
77 26.5 19.4 29.0



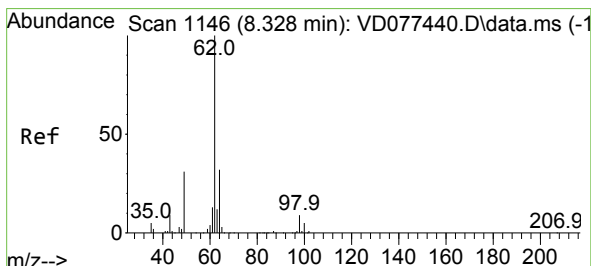
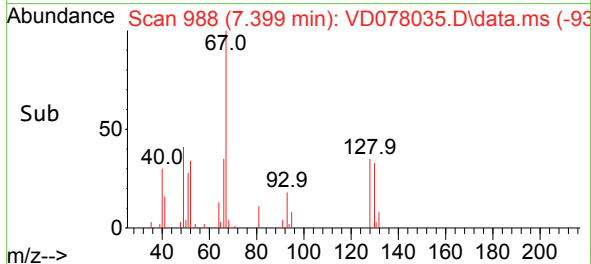
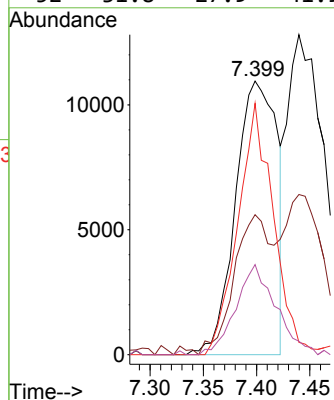


#41
Methacrylonitrile
Concen: 71.710 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Instrument :
MSVOA_D
ClientSampleId :

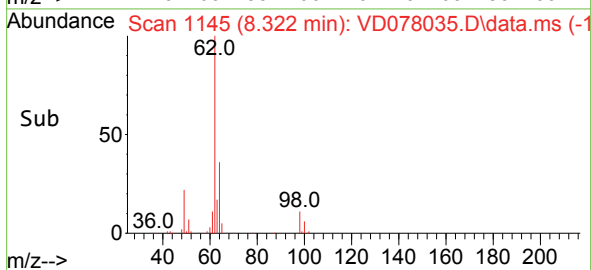
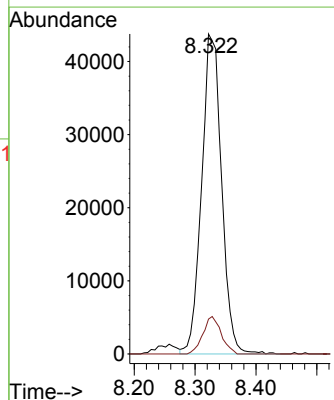
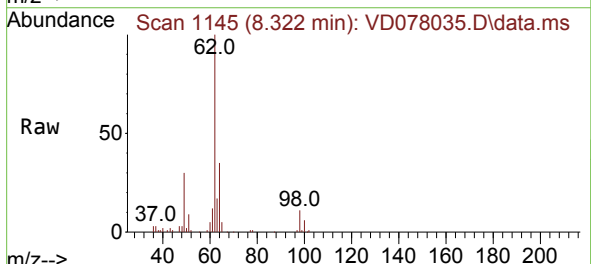


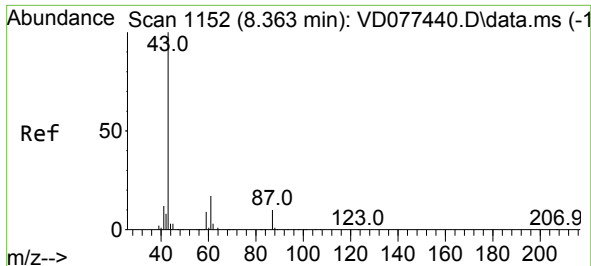
Tgt Ion:	41	Resp:	29746
Ion	Ratio	Lower	Upper
41	100		
39	46.0	34.0	51.0
67	78.5	77.0	115.4
52	31.8	27.9	41.9



#42
1,2-Dichloroethane
Concen: 64.808 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

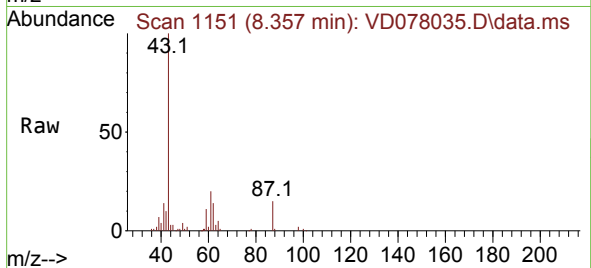
Tgt Ion:	62	Resp:	99797
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	25.4



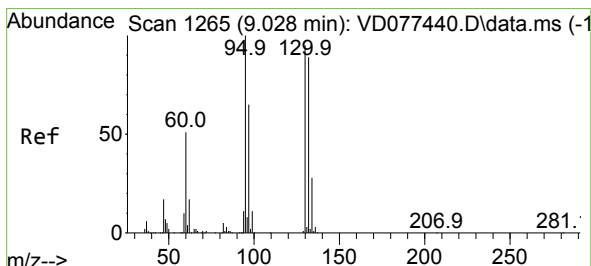
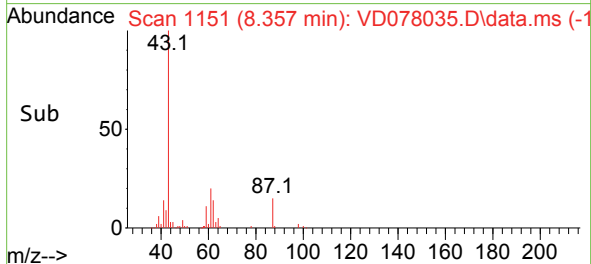
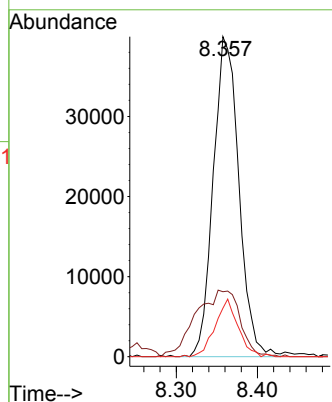


#43
Isopropyl Acetate
Concen: 60.302 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Instrument :
MSVOA_D
ClientSampleId :

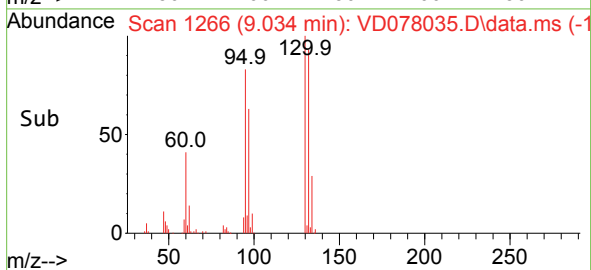
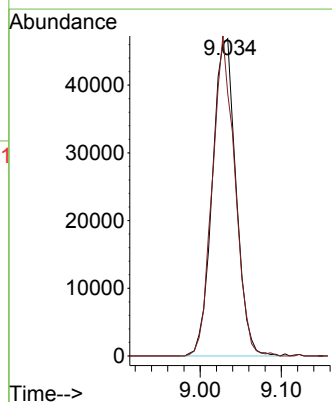
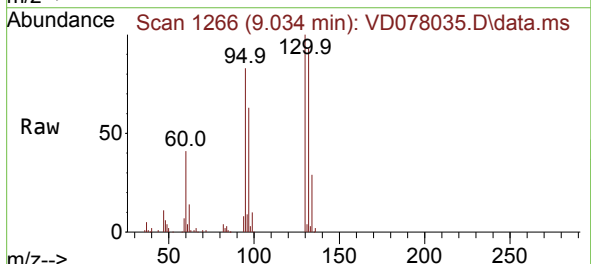


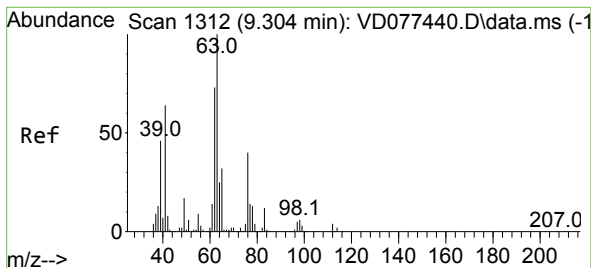
Tgt Ion: 43 Resp: 87485
Ion Ratio Lower Upper
43 100
61 35.7 31.4 47.0
87 16.3 14.9 22.3



#44
Trichloroethene
Concen: 61.163 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Tgt Ion:130 Resp: 94687
Ion Ratio Lower Upper
130 100
95 82.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 64.609 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078035.D

Acq: 21 Dec 2023 19:22

Instrument :

MSVOA_D

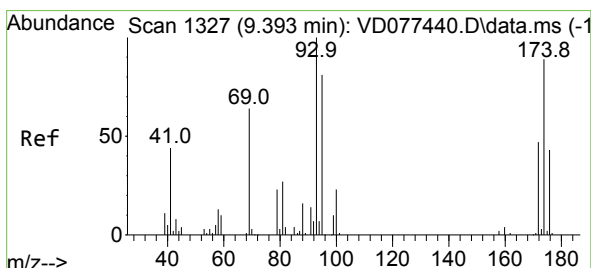
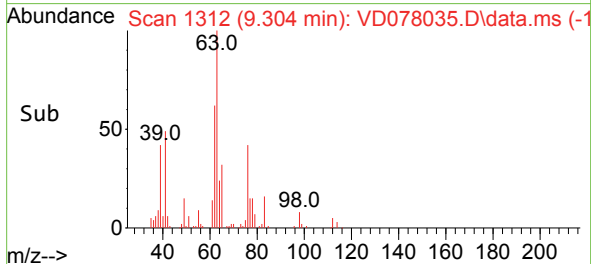
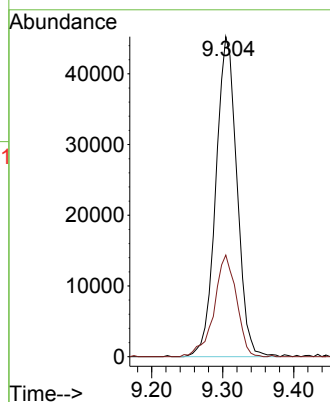
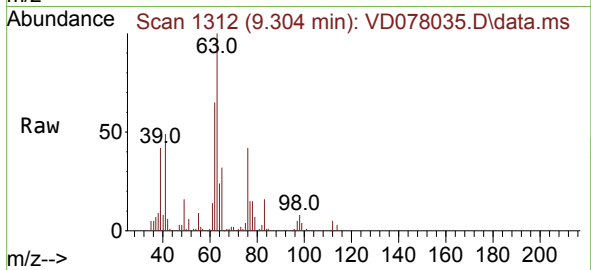
ClientSampleId :

Tgt Ion: 63 Resp: 93305

Ion Ratio Lower Upper

63 100

65 31.7 24.5 36.7



#46

Dibromomethane

Concen: 68.132 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078035.D

Acq: 21 Dec 2023 19:22

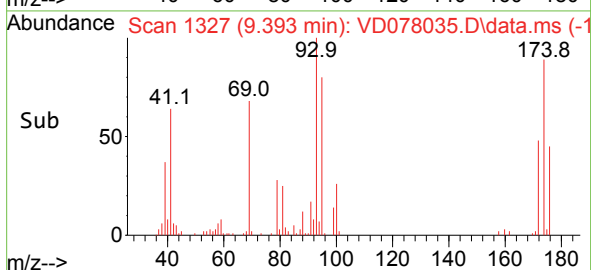
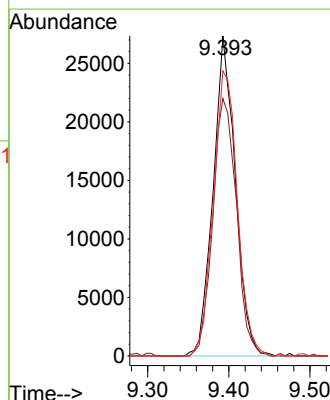
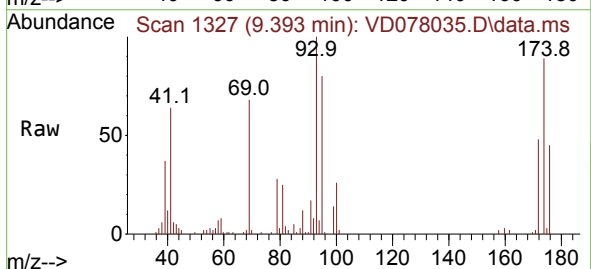
Tgt Ion: 93 Resp: 52060

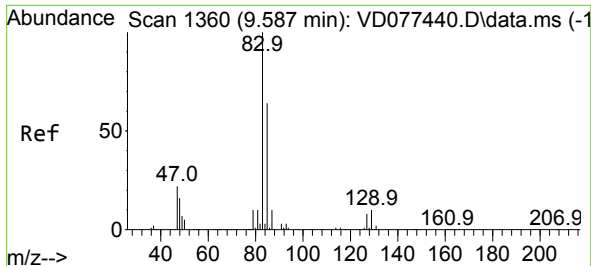
Ion Ratio Lower Upper

93 100

95 85.6 67.7 101.5

174 96.1 85.4 128.2





#47

Bromodichloromethane

Concen: 68.061 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

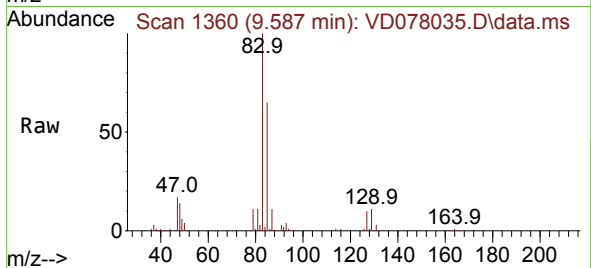
Lab File: VD078035.D

Acq: 21 Dec 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :



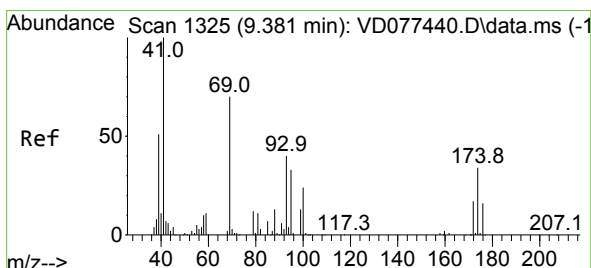
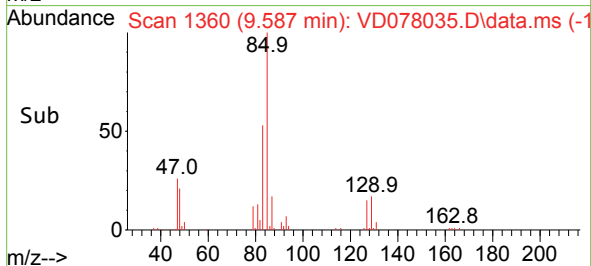
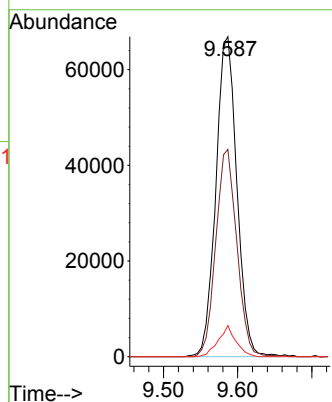
Tgt Ion: 83 Resp: 131819

Ion Ratio Lower Upper

83 100

85 64.7 50.2 75.4

127 9.7 6.3 9.5#



#48

Methyl methacrylate

Concen: 58.819 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD078035.D

Acq: 21 Dec 2023 19:22

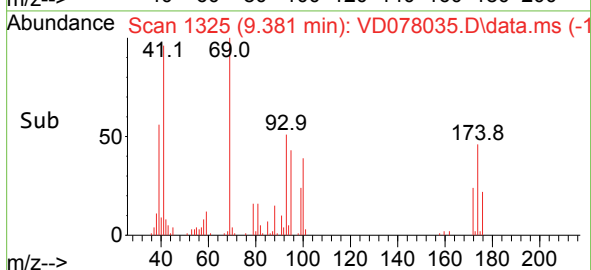
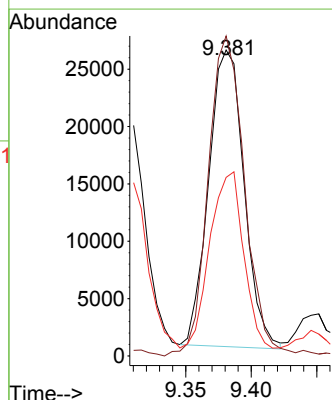
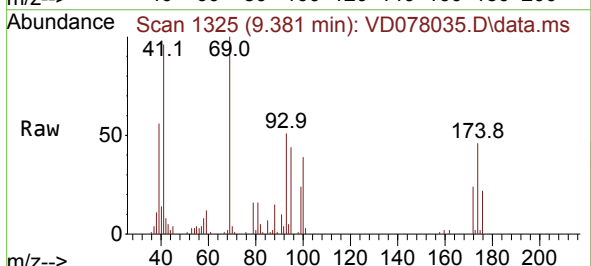
Tgt Ion: 41 Resp: 48508

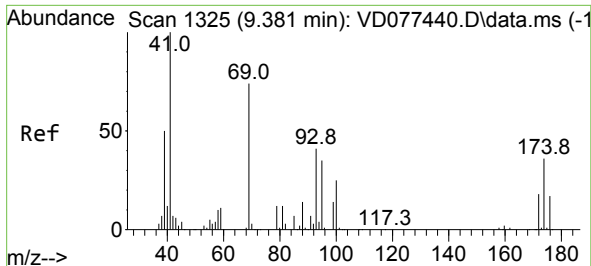
Ion Ratio Lower Upper

41 100

69 111.5 102.2 153.2

39 61.2 41.4 62.2





#49

1,4-Dioxane

Concen: 1165.618 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078035.D

Acq: 21 Dec 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

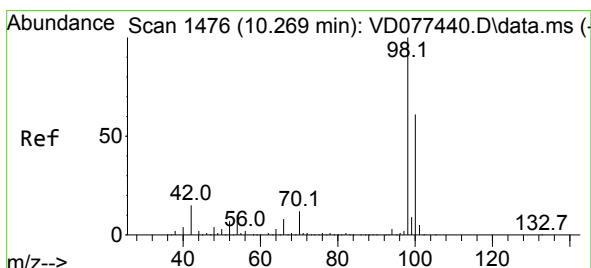
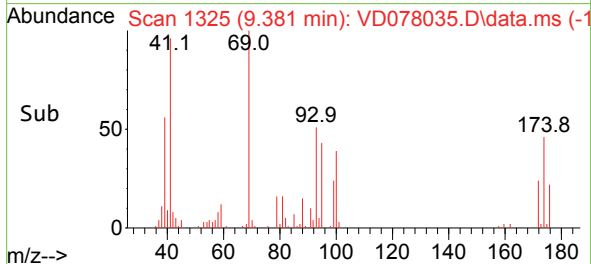
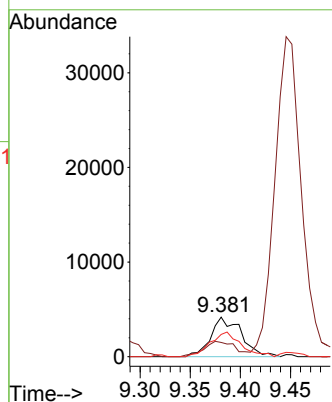
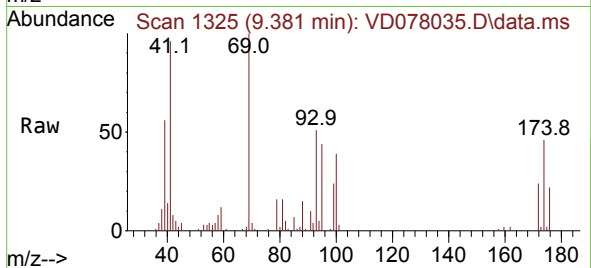
Tgt Ion: 88 Resp: 8844

Ion Ratio Lower Upper

88 100

43 41.0 19.0 28.6#

58 62.5 43.5 65.3



#50

Toluene-d8

Concen: 60.338 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078035.D

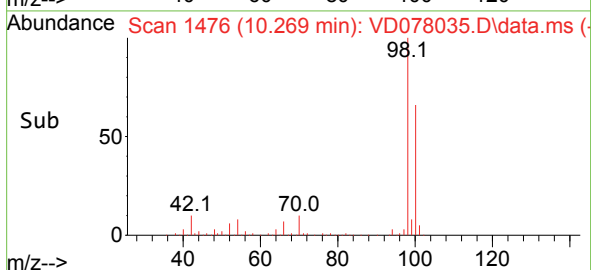
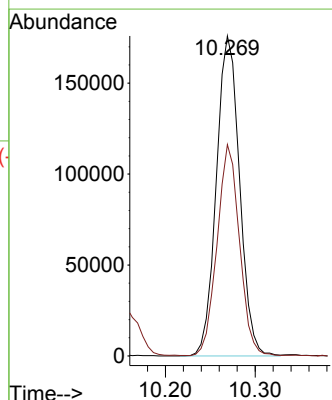
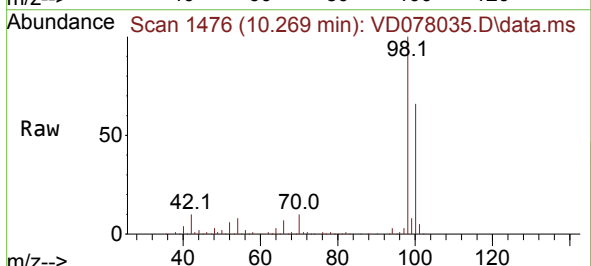
Acq: 21 Dec 2023 19:22

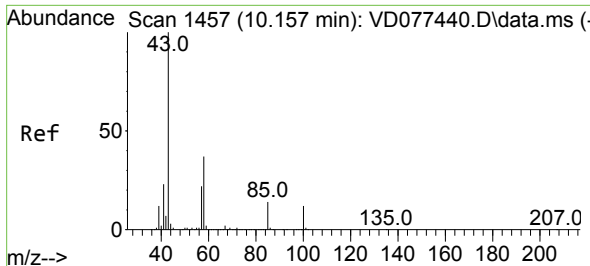
Tgt Ion: 98 Resp: 316220

Ion Ratio Lower Upper

98 100

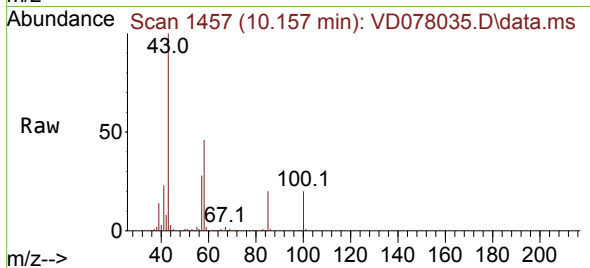
100 63.4 50.3 75.5



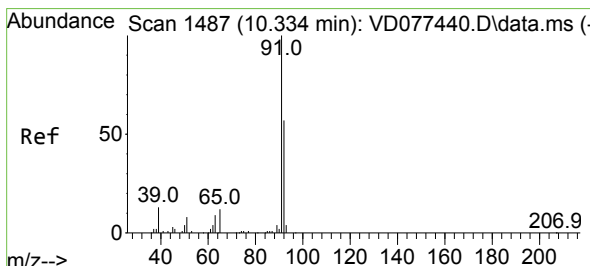
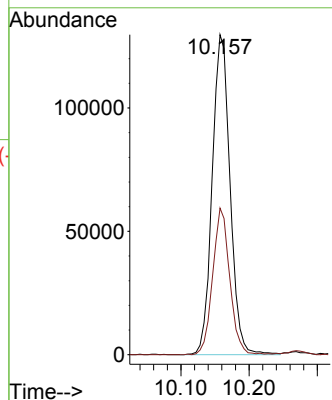
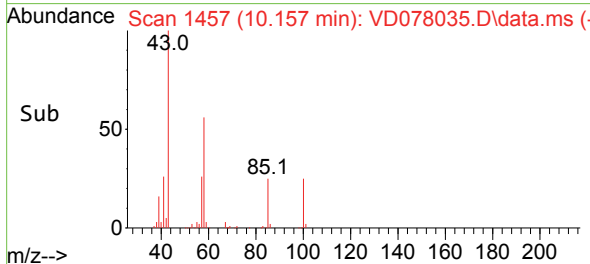


#51
4-Methyl-2-Pentanone
Concen: 319.704 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

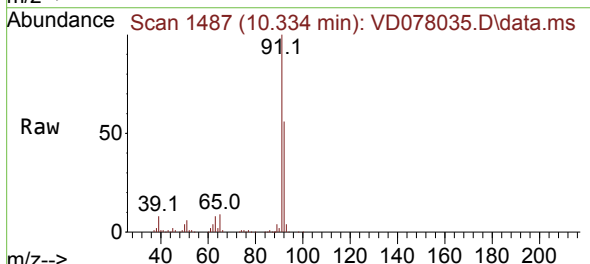
Instrument :
MSVOA_D
ClientSampleId :



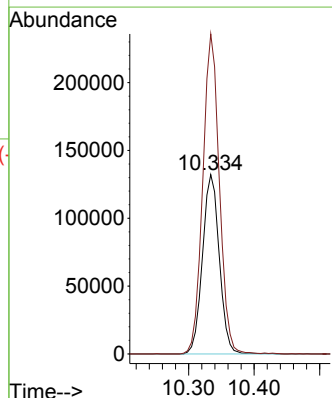
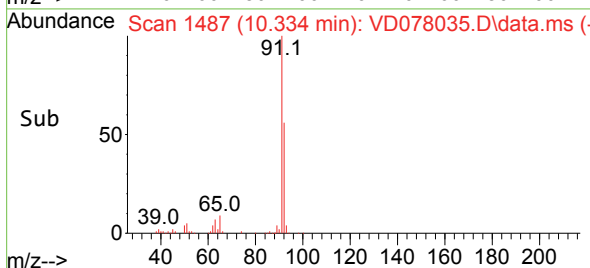
Tgt Ion: 43 Resp: 236716
Ion Ratio Lower Upper
43 100
58 43.8 38.9 58.3

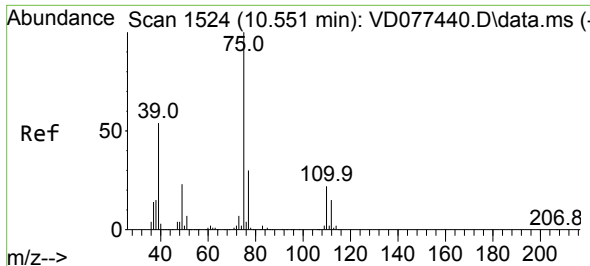


#52
Toluene
Concen: 64.032 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22



Tgt Ion: 92 Resp: 235958
Ion Ratio Lower Upper
92 100
91 176.1 143.0 214.4

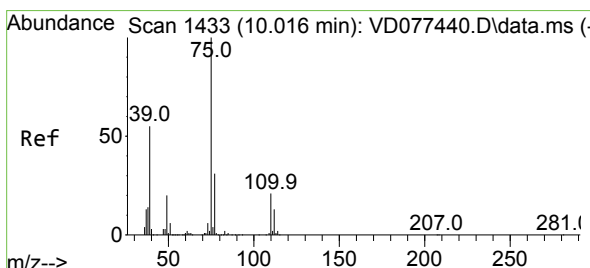
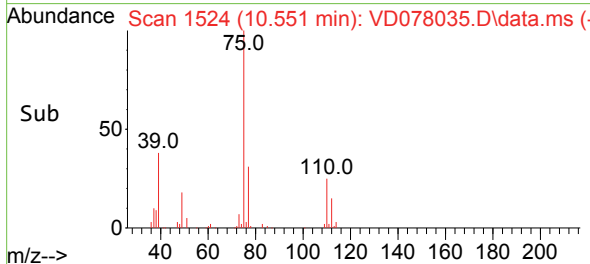
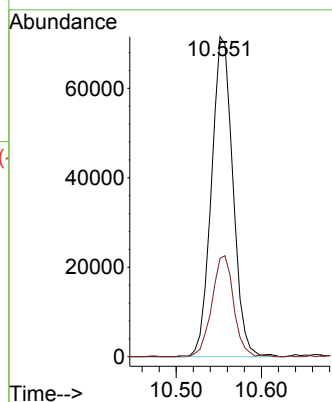
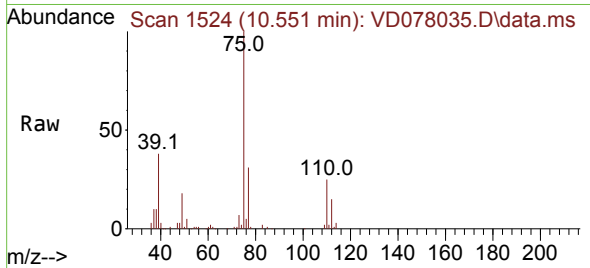




#53
t-1,3-Dichloropropene
Concen: 67.289 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

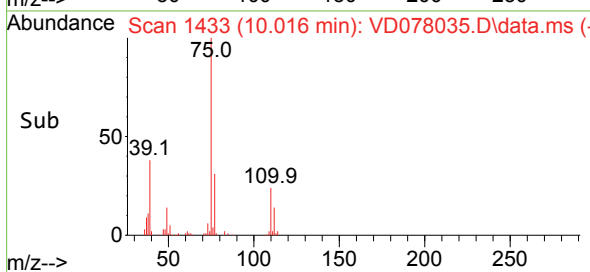
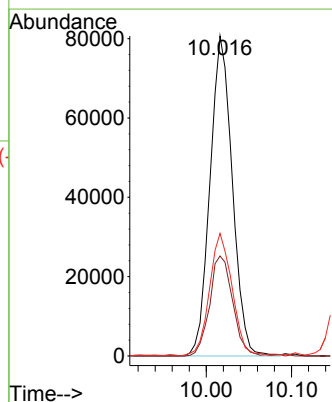
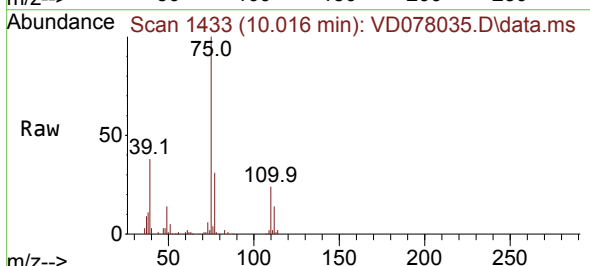
Instrument :
MSVOA_D
ClientSampleId :

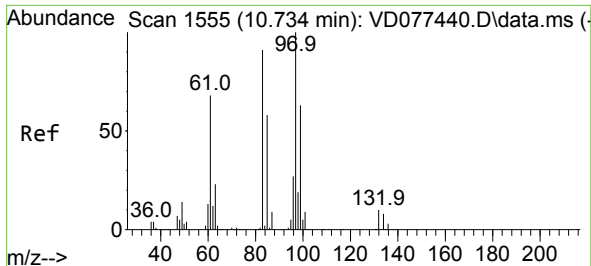
Tgt Ion: 75 Resp: 125149
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 65.159 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

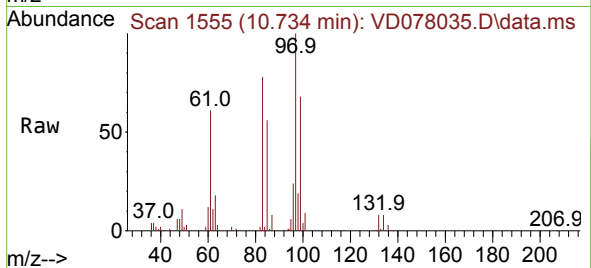
Tgt Ion: 75 Resp: 146520
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3
39 38.3 22.1 33.1#



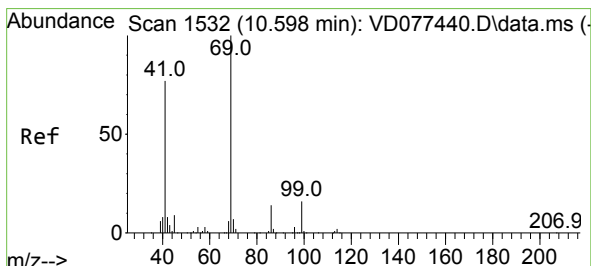
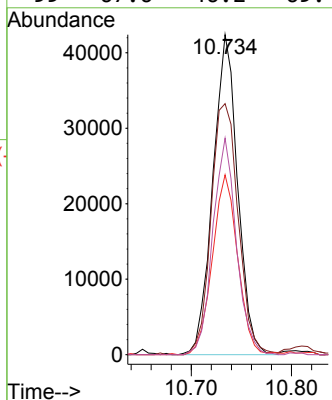
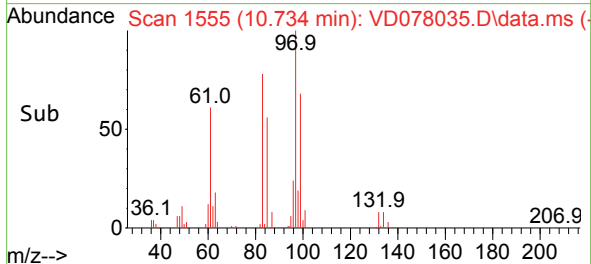


#55
1,1,2-Trichloroethane
Concen: 69.599 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Instrument :
MSVOA_D
ClientSampleId :

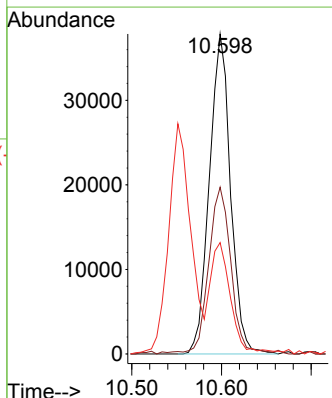
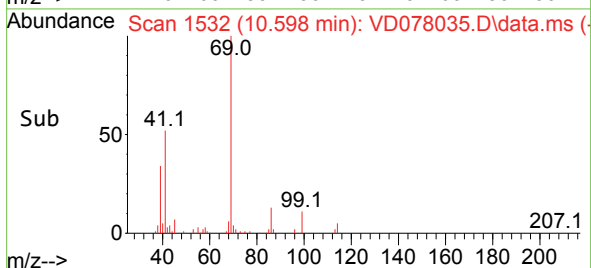
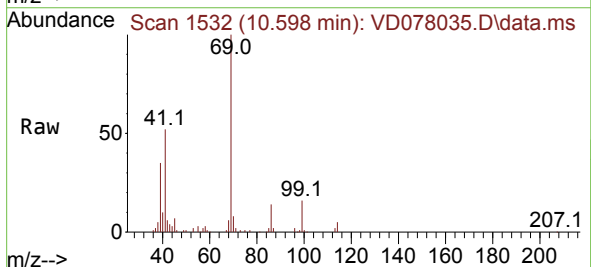


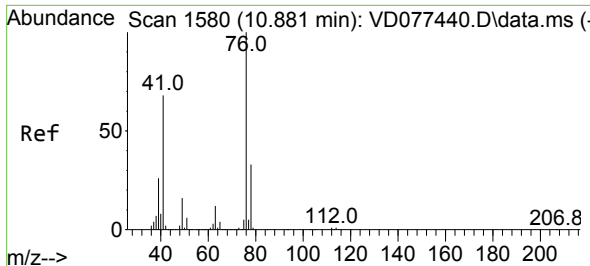
Tgt Ion:	97	Resp:	72744
Ion	Ratio	Lower	Upper
97	100		
83	78.5	65.8	98.6
85	56.2	45.7	68.5
99	67.6	46.2	69.4



#56
Ethyl methacrylate
Concen: 67.407 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Tgt Ion:	69	Resp:	62106
Ion	Ratio	Lower	Upper
69	100		
41	55.3	39.1	58.7
39	31.7	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 68.352 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078035.D

Acq: 21 Dec 2023 19:22

Instrument :

MSVOA_D

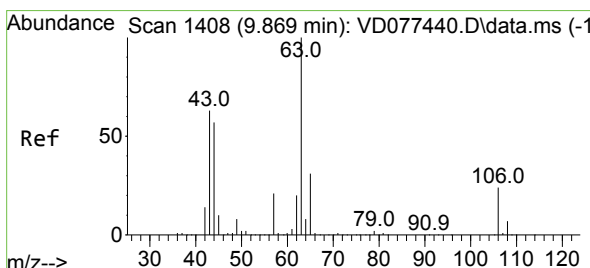
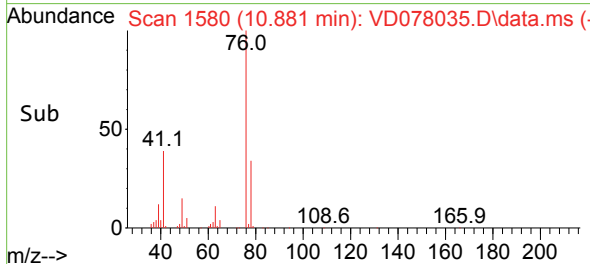
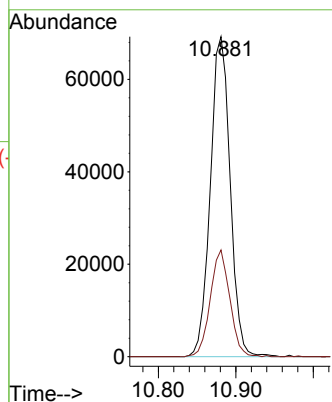
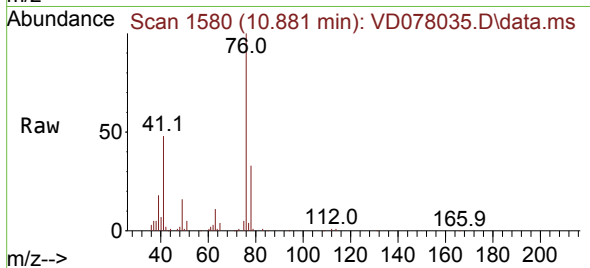
ClientSampleId :

Tgt Ion: 76 Resp: 123143

Ion Ratio Lower Upper

76 100

78 32.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 267.280 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078035.D

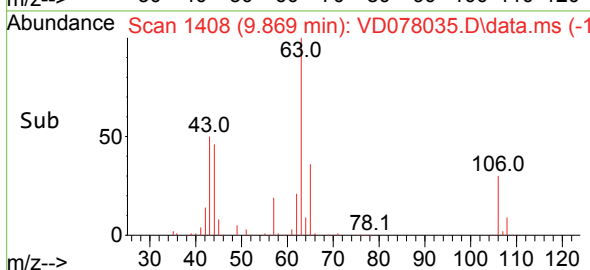
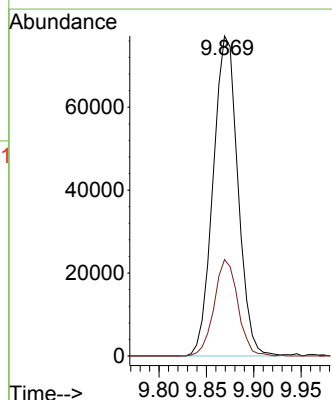
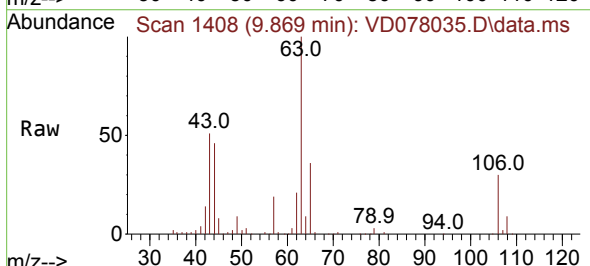
Acq: 21 Dec 2023 19:22

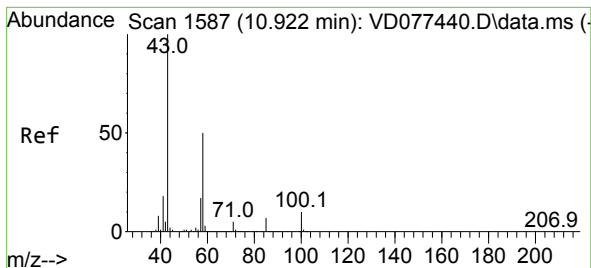
Tgt Ion: 63 Resp: 140437

Ion Ratio Lower Upper

63 100

106 28.9 25.3 37.9

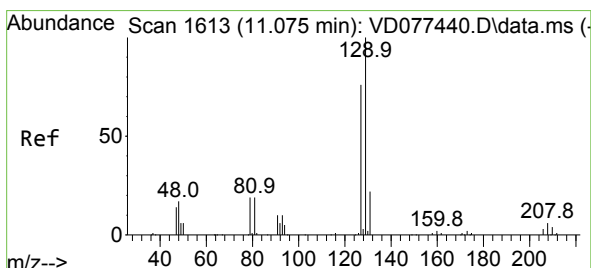
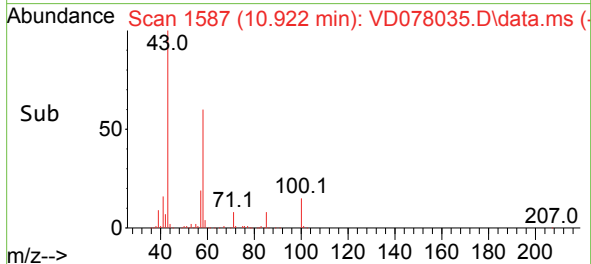
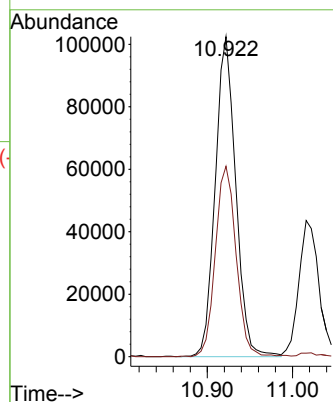
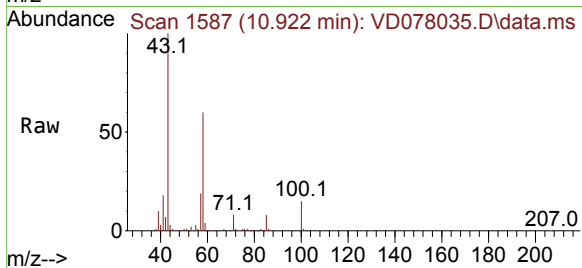




#59
2-Hexanone
Concen: 278.524 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

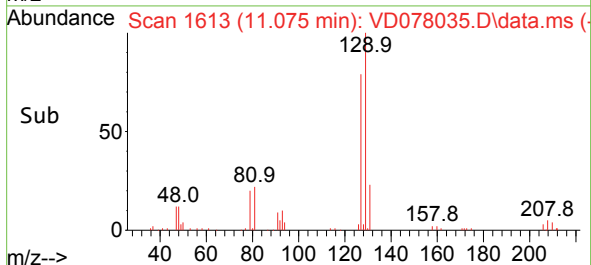
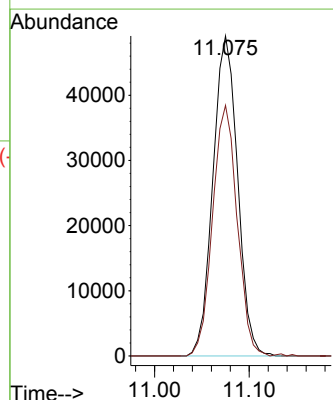
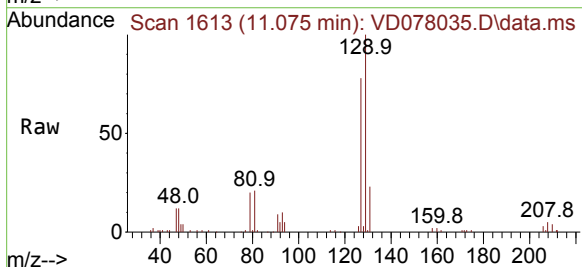
Instrument :
MSVOA_D
ClientSampleId :

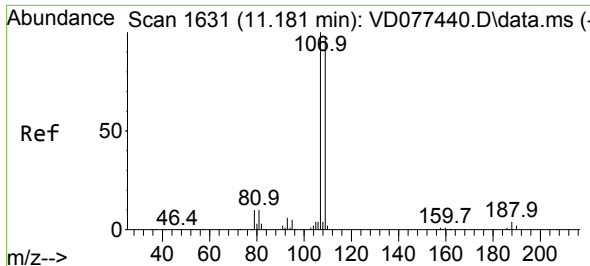
Tgt Ion: 43 Resp: 171094
Ion Ratio Lower Upper
43 100
58 60.4 34.1 102.2



#60
Dibromochloromethane
Concen: 70.677 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Tgt Ion:129 Resp: 88939
Ion Ratio Lower Upper
129 100
127 77.9 37.1 111.5

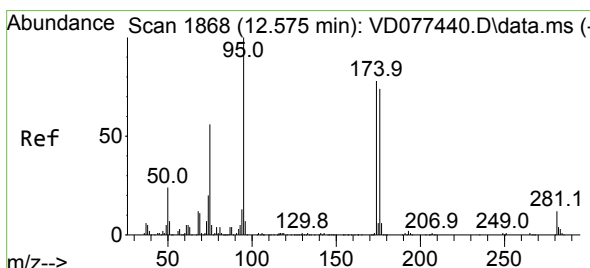
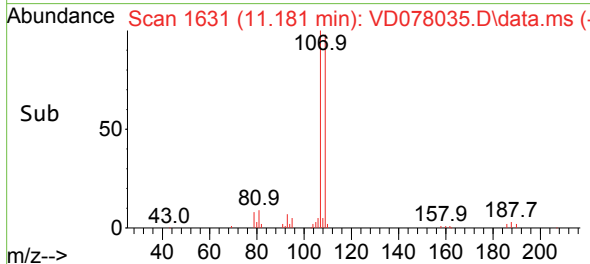
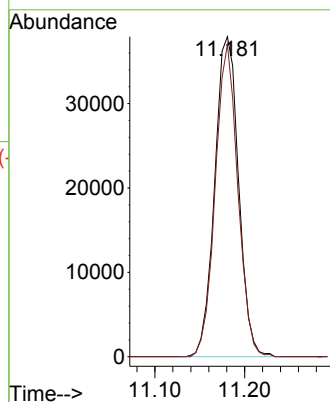
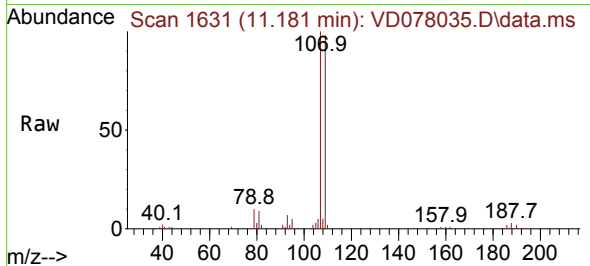




#61
1,2-Dibromoethane
Concen: 71.047 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

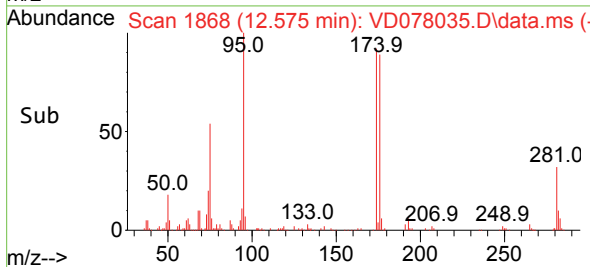
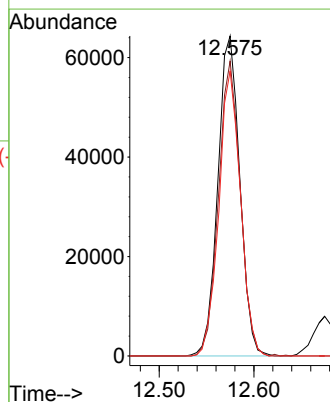
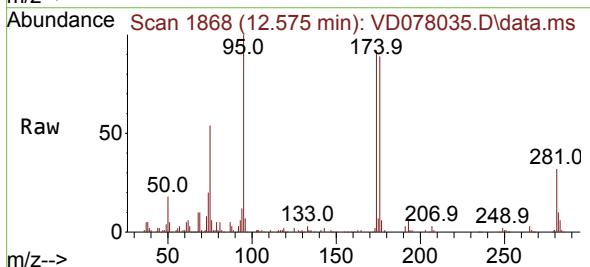
Instrument :
MSVOA_D
ClientSampleId :

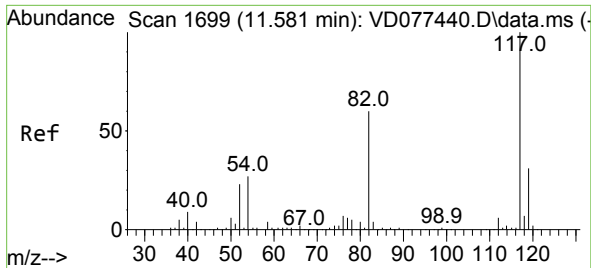
Tgt Ion:107 Resp: 69901
Ion Ratio Lower Upper
107 100
109 92.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 66.216 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Tgt Ion: 95 Resp: 103753
Ion Ratio Lower Upper
95 100
174 91.6 0.0 201.8
176 87.8 0.0 191.8

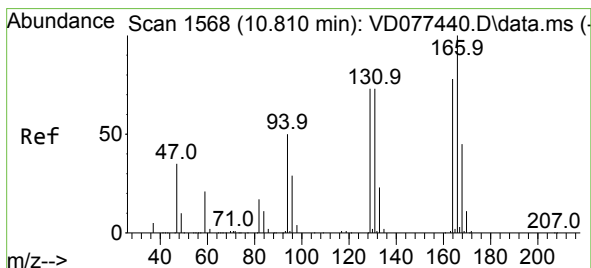
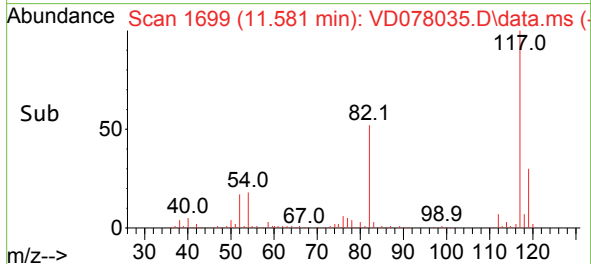
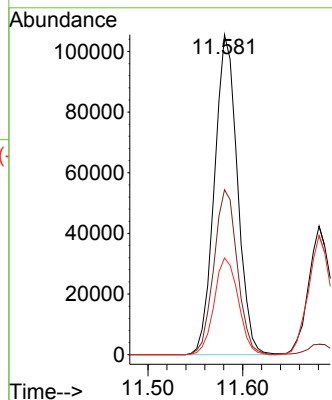
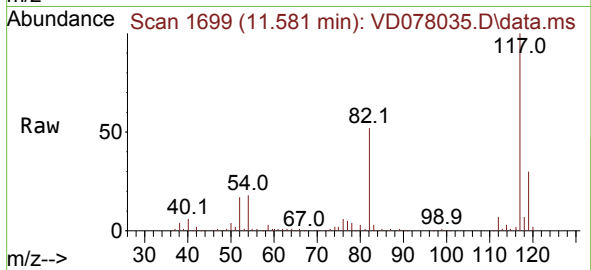




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

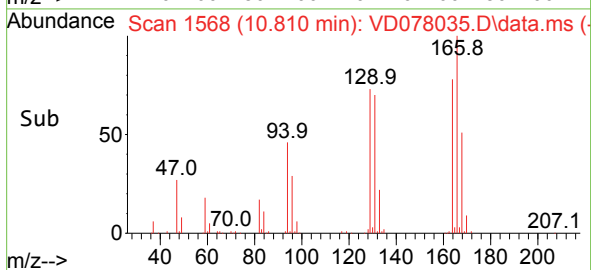
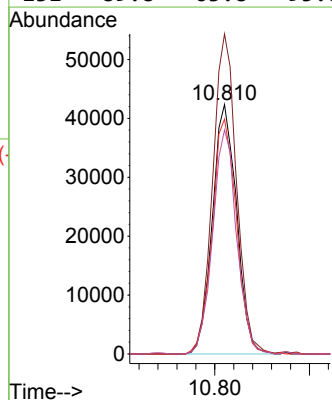
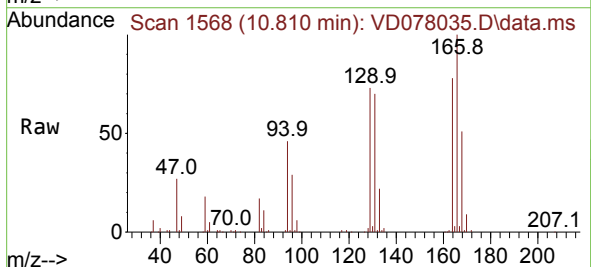
Instrument :
MSVOA_D
ClientSampleId :

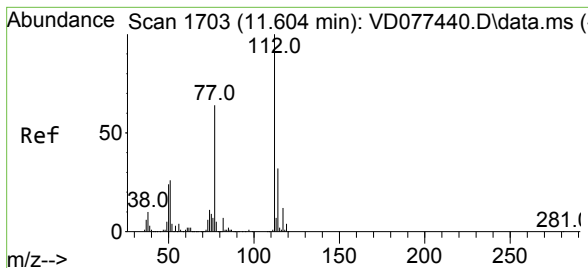
Tgt Ion:117 Resp: 177938
Ion Ratio Lower Upper
117 100
82 51.6 38.3 57.5
119 30.2 25.0 37.4



#64
Tetrachloroethene
Concen: 57.523 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Tgt Ion:164 Resp: 75230
Ion Ratio Lower Upper
164 100
166 128.3 99.2 148.8
129 94.2 68.4 102.6
131 89.8 63.8 95.8

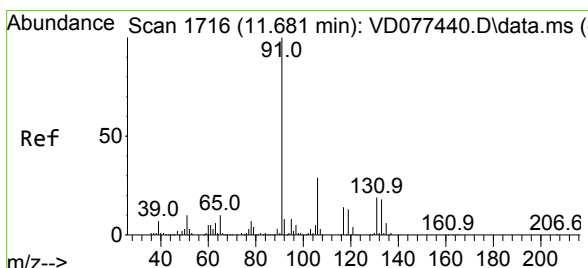
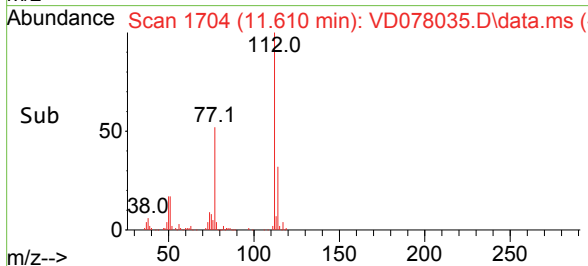
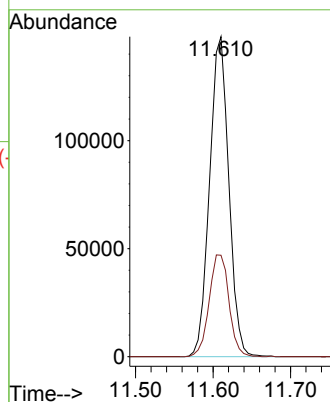
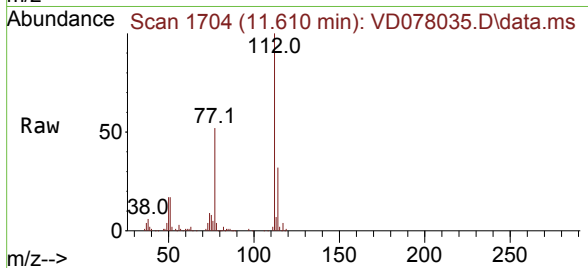




#65
Chlorobenzene
Concen: 61.261 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

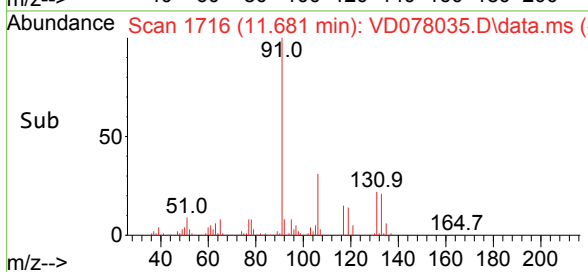
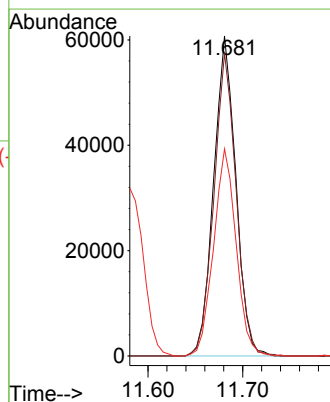
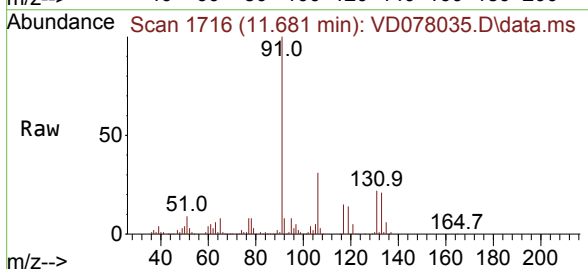
Instrument :
MSVOA_D
ClientSampleId :

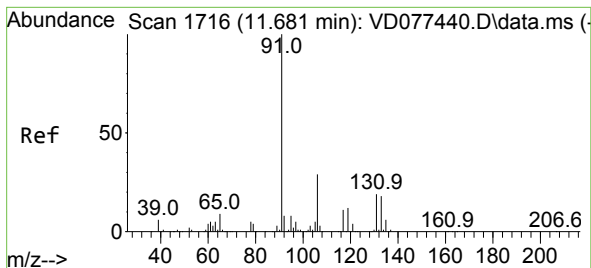
Tgt Ion:112 Resp: 255209
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 66.729 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Tgt Ion:131 Resp: 98737
Ion Ratio Lower Upper
131 100
133 95.1 48.5 145.5
119 66.1 35.6 106.9





#67

Ethyl Benzene

Concen: 63.164 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD078035.D

Acq: 21 Dec 2023 19:22

Instrument :

MSVOA_D

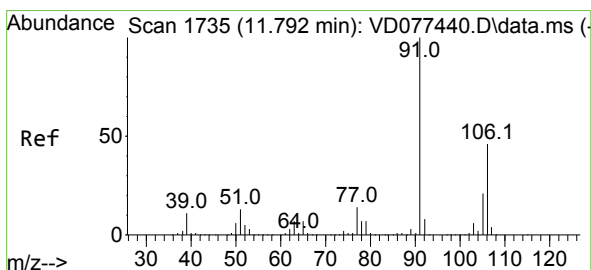
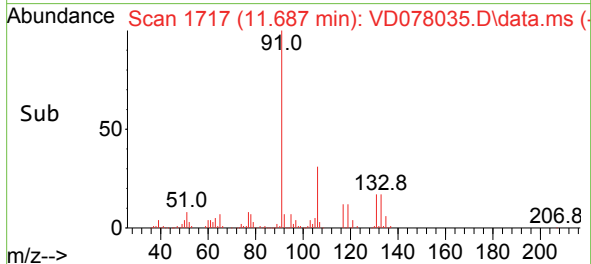
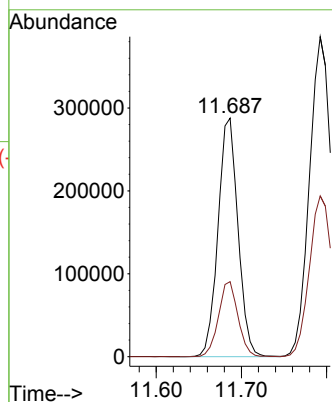
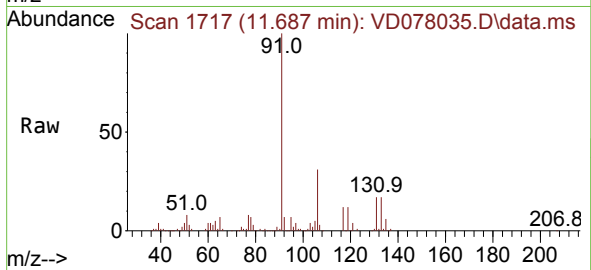
ClientSampleId :

Tgt Ion: 91 Resp: 467925

Ion Ratio Lower Upper

91 100

106 31.5 26.5 39.7



#68

m/p-Xylenes

Concen: 128.090 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078035.D

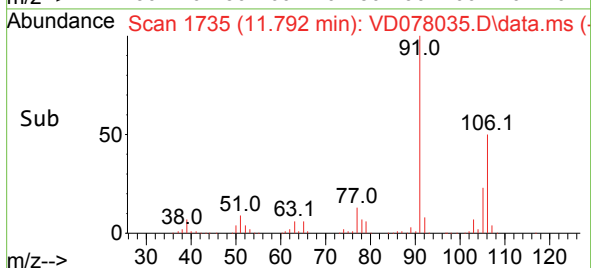
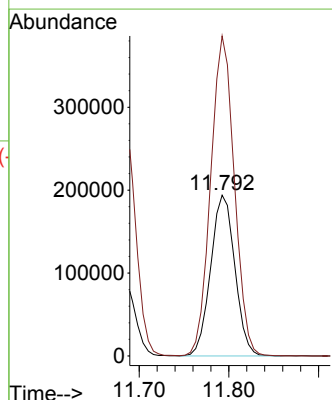
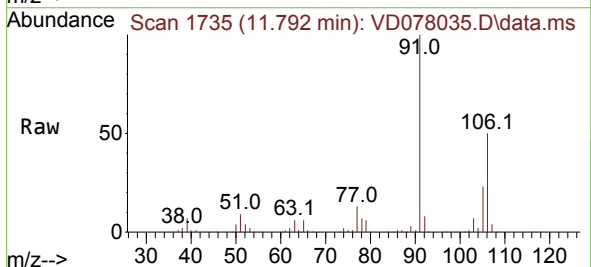
Acq: 21 Dec 2023 19:22

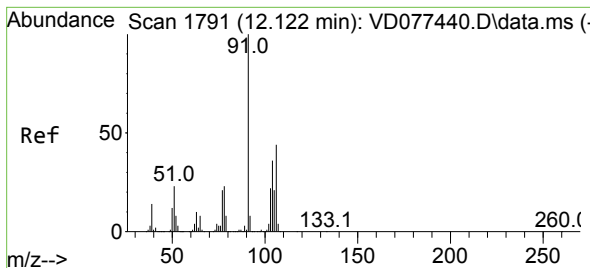
Tgt Ion:106 Resp: 362962

Ion Ratio Lower Upper

106 100

91 194.9 147.0 220.6

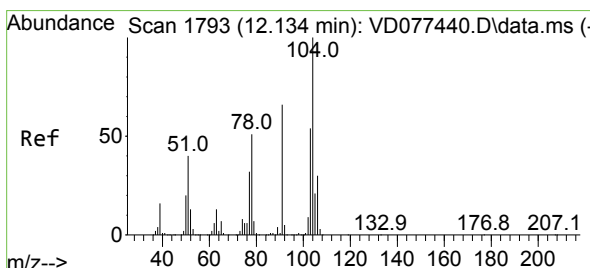
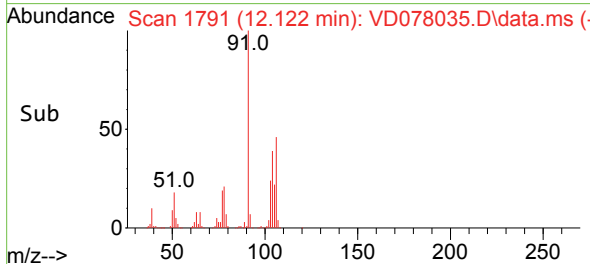
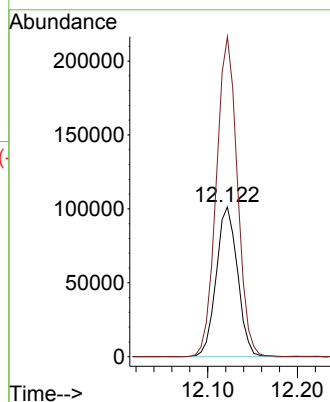
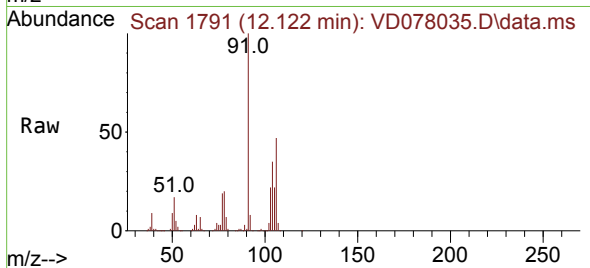




#69
o-Xylene
Concen: 63.879 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

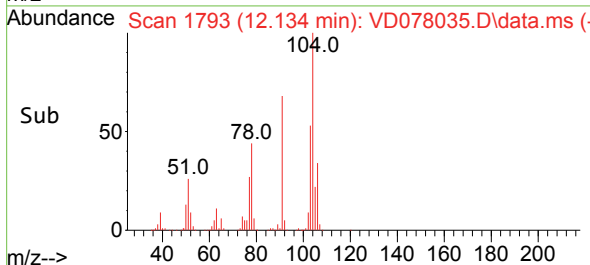
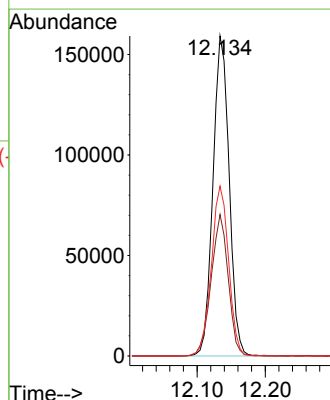
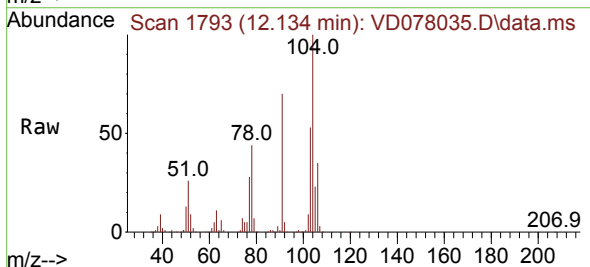
Instrument :
MSVOA_D
ClientSampleId :

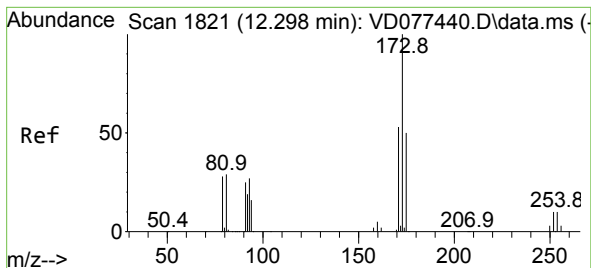
Tgt Ion:106 Resp: 166821
Ion Ratio Lower Upper
106 100
91 211.8 97.9 293.6



#70
Styrene
Concen: 67.832 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Tgt Ion:104 Resp: 263409
Ion Ratio Lower Upper
104 100
78 46.5 33.2 49.8
103 56.5 43.6 65.4





#71

Bromoform

Concen: 71.700 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078035.D

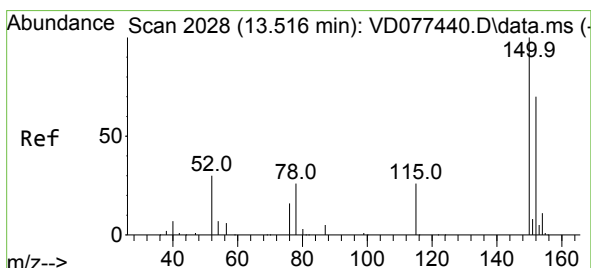
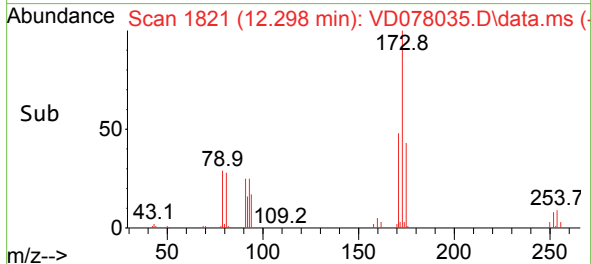
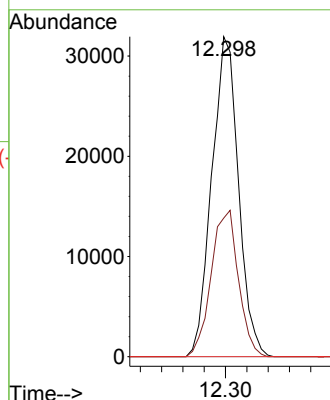
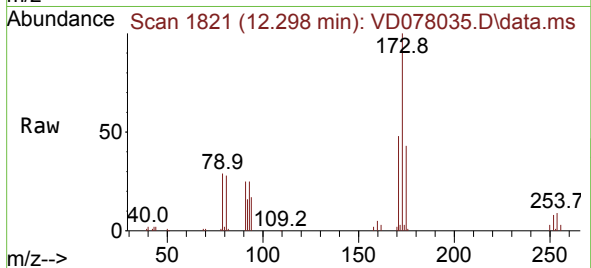
Acq: 21 Dec 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	55434
Ion Ratio	Lower	Upper
173	100	
175	46.8	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

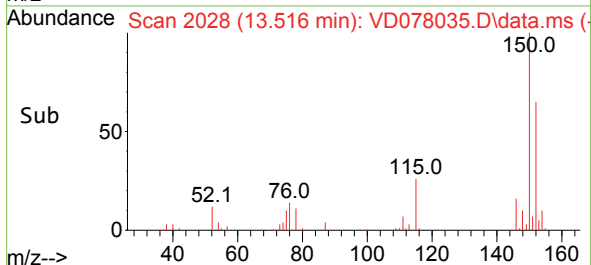
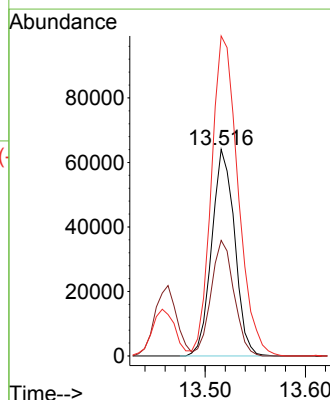
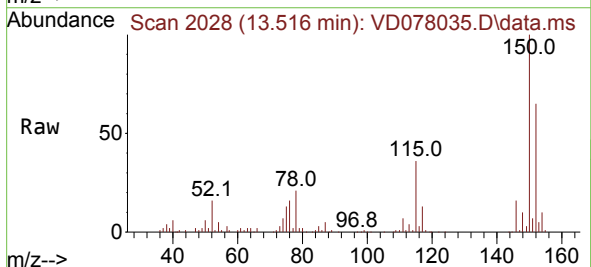
RT: 13.516 min Scan# 2028

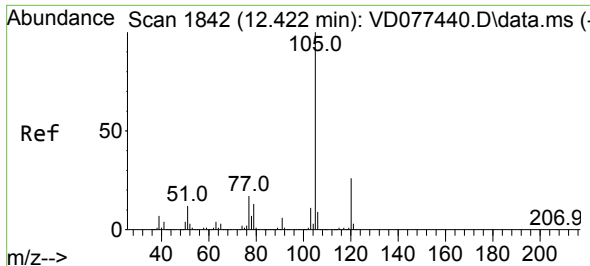
Delta R.T. -0.000 min

Lab File: VD078035.D

Acq: 21 Dec 2023 19:22

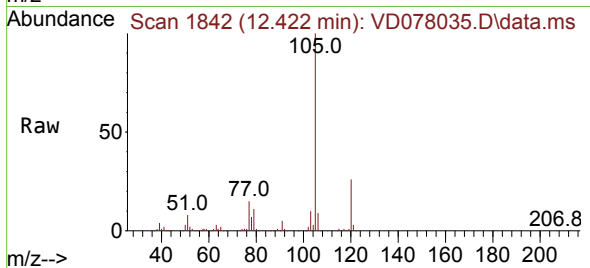
Tgt Ion:152	Resp:	101332
Ion Ratio	Lower	Upper
152	100	
115	56.2	27.1 81.3
150	180.1	0.0 353.6



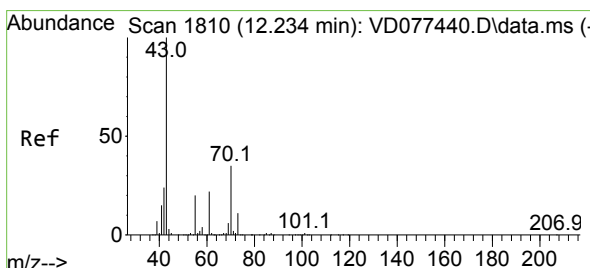
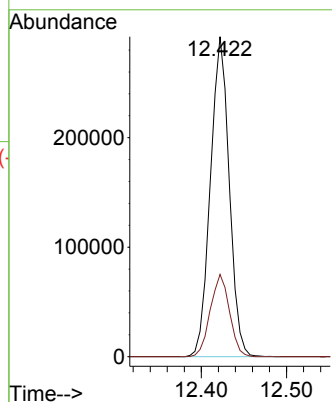
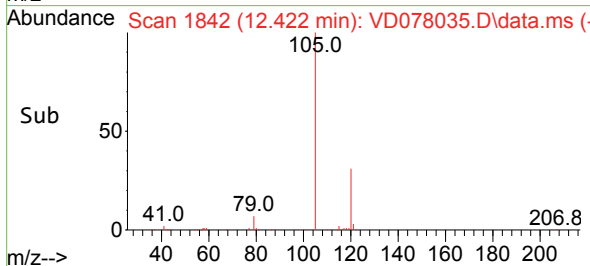


#73
Isopropylbenzene
Concen: 58.460 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

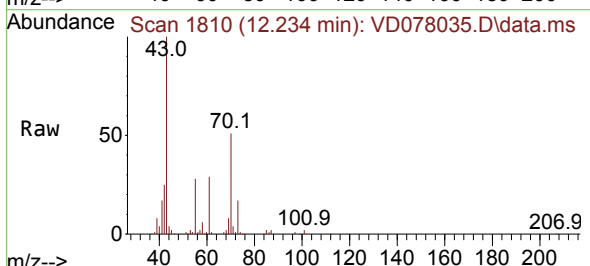
Instrument :
MSVOA_D
ClientSampleId :



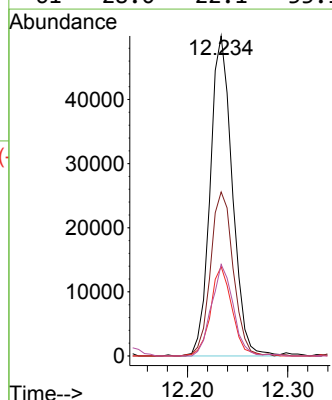
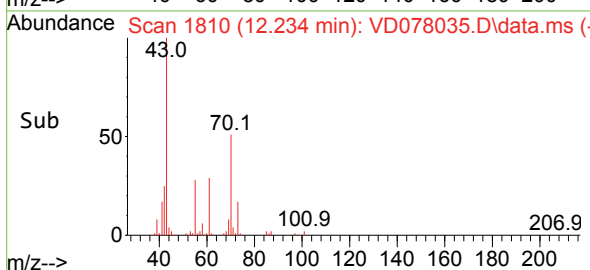
Tgt Ion:105 Resp: 448975
Ion Ratio Lower Upper
105 100
120 26.2 14.3 42.9

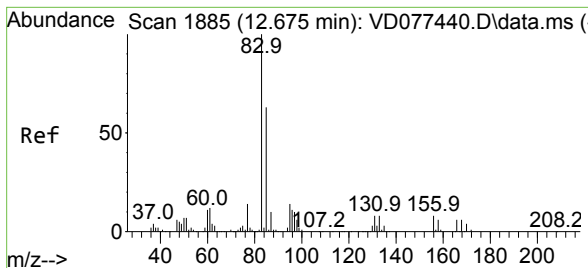


#74
N-ethyl acetate
Concen: 50.675 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22



Tgt Ion: 43 Resp: 76503
Ion Ratio Lower Upper
43 100
70 52.7 45.0 67.4
55 27.3 23.8 35.6
61 28.0 22.1 33.1

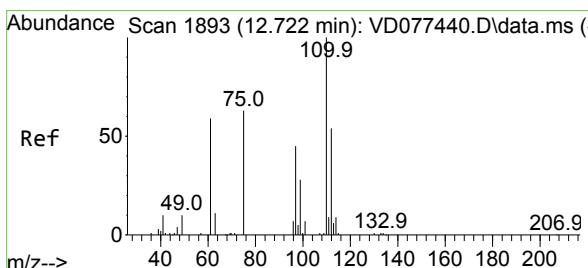
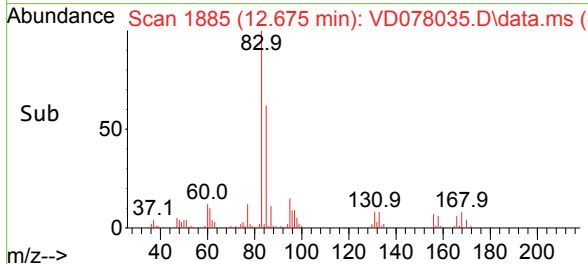
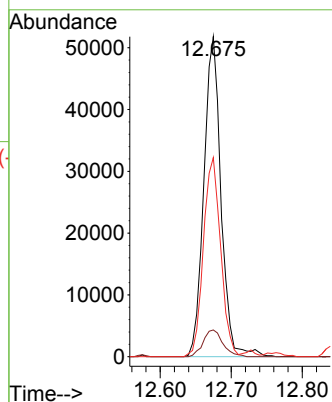
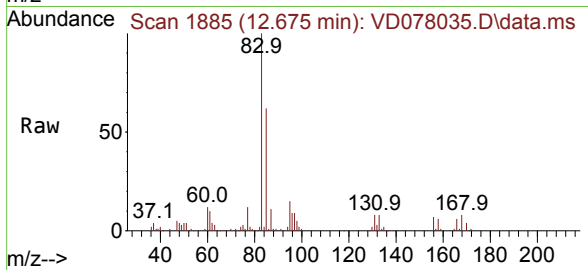




#75
 1,1,2,2-Tetrachloroethane
 Concen: 65.103 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD078035.D
 Acq: 21 Dec 2023 19:22

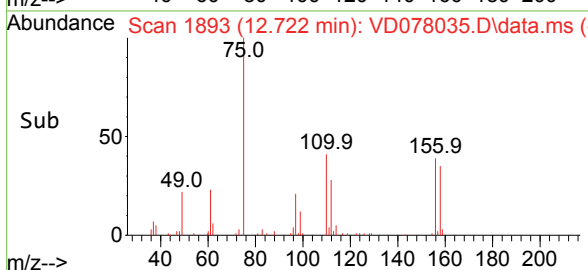
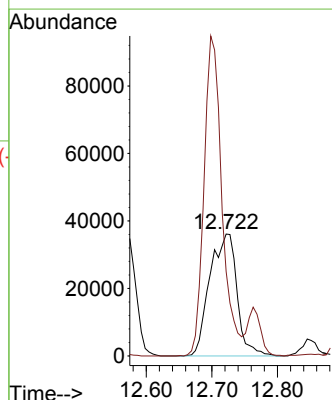
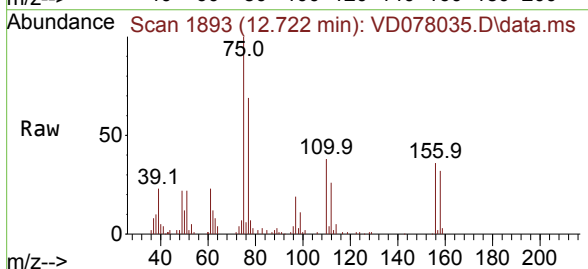
Instrument :
 MSVOA_D
 ClientSampleId :

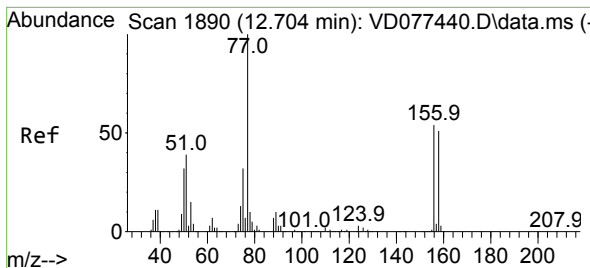
Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.1	15.3
85	62.3	32.6	97.8



#76
 1,2,3-Trichloropropane
 Concen: 118.336 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD078035.D
 Acq: 21 Dec 2023 19:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 59.379 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078035.D

Acq: 21 Dec 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

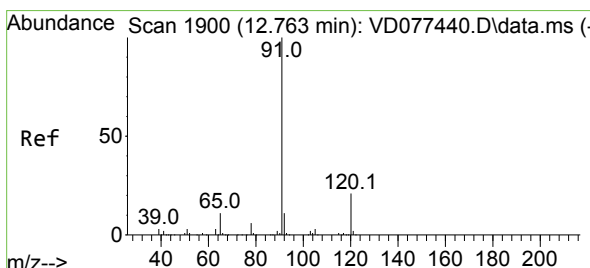
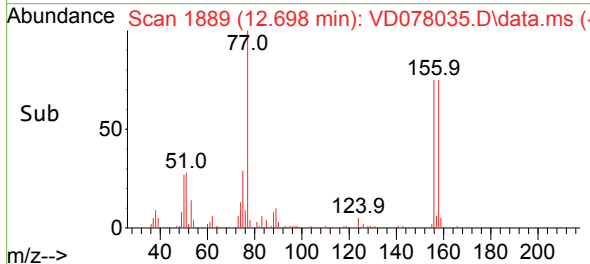
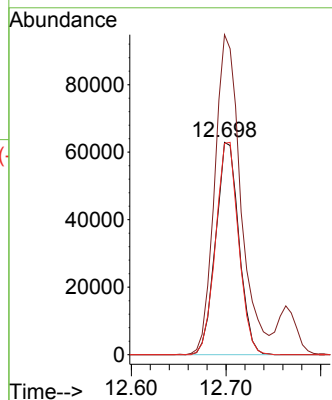
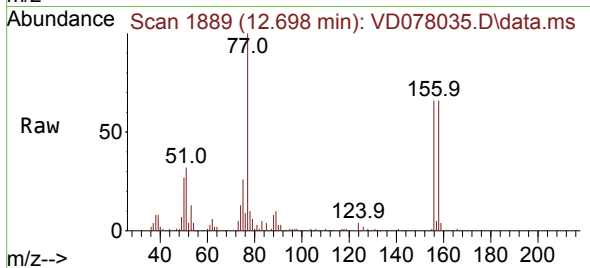
Tgt Ion:156 Resp: 107266

Ion Ratio Lower Upper

156 100

77 168.7 76.8 230.4

158 98.9 48.6 145.9



#78

n-propylbenzene

Concen: 58.219 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078035.D

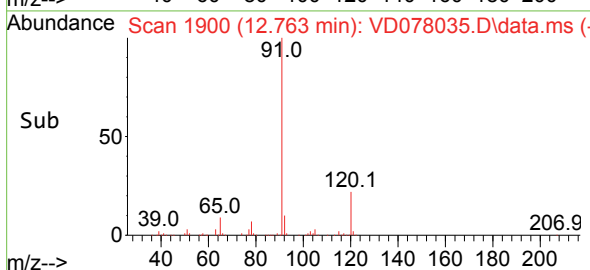
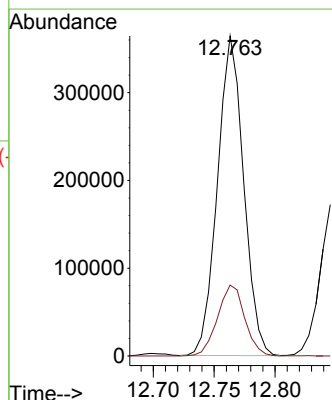
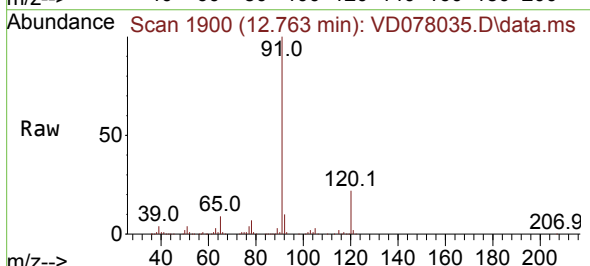
Acq: 21 Dec 2023 19:22

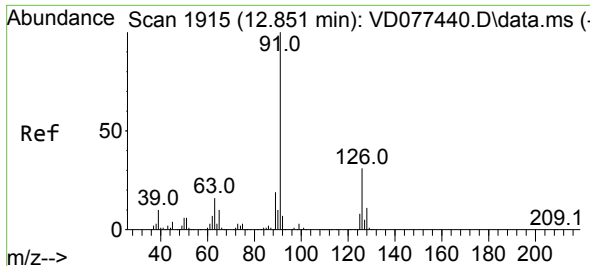
Tgt Ion: 91 Resp: 544841

Ion Ratio Lower Upper

91 100

120 23.0 12.4 37.2

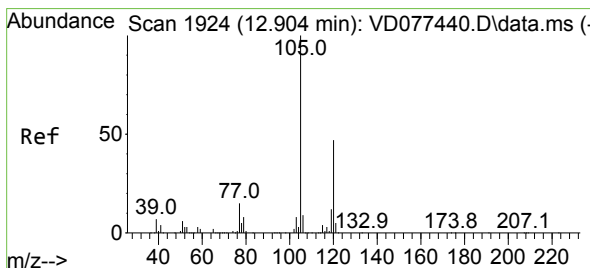
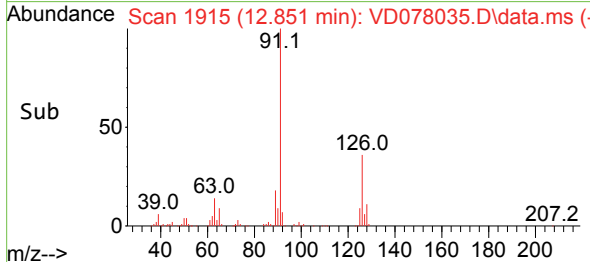
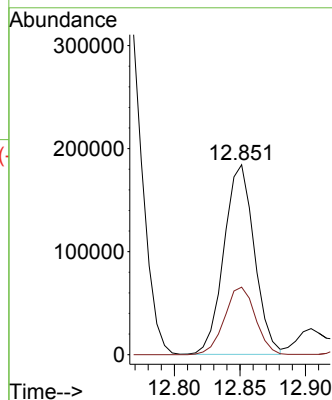
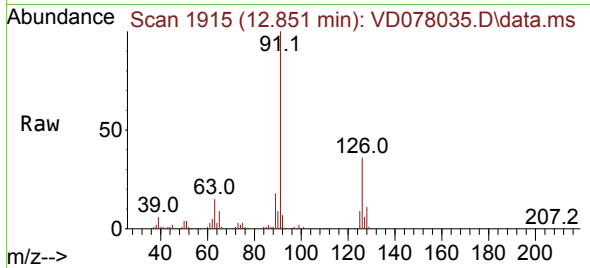




#79
2-Chlorotoluene
Concen: 59.267 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

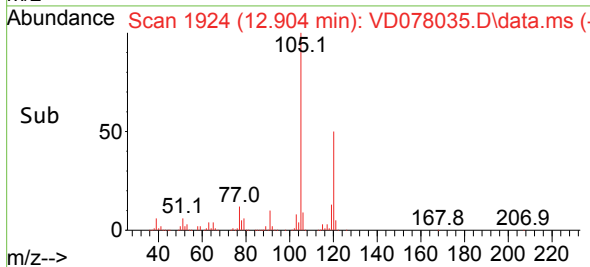
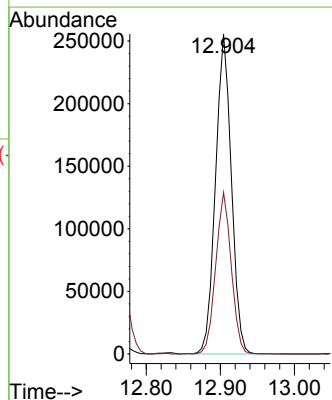
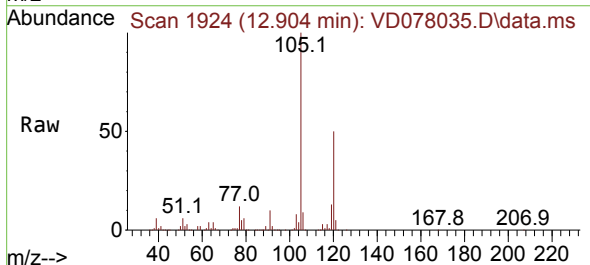
Instrument :
MSVOA_D
ClientSampleId :

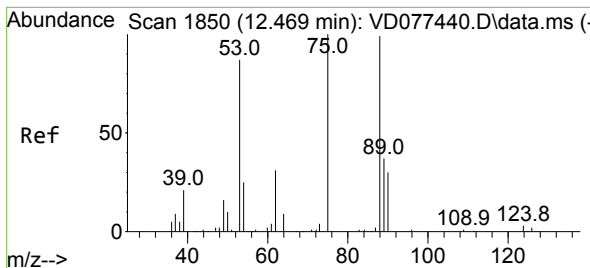
Tgt Ion: 91 Resp: 297241
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 59.265 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Tgt Ion:105 Resp: 379617
Ion Ratio Lower Upper
105 100
120 49.6 26.4 79.2

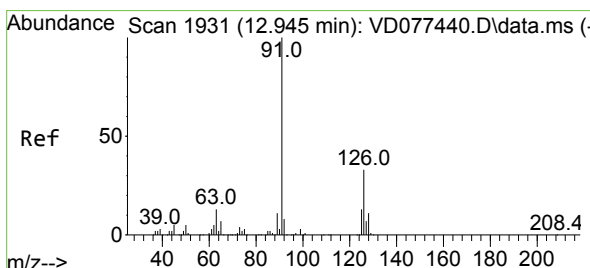
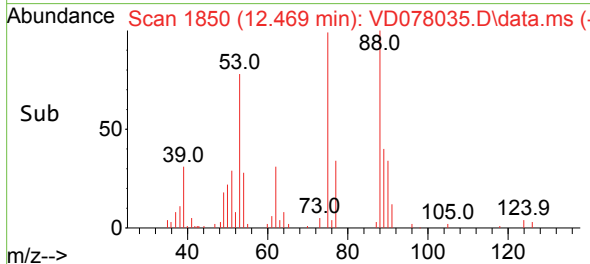
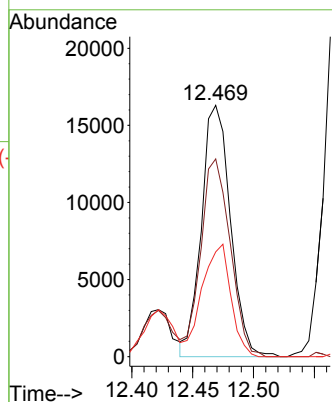
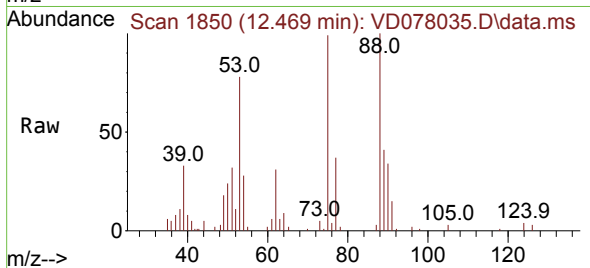




#81
trans-1,4-Dichloro-2-butene
Concen: 62.135 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

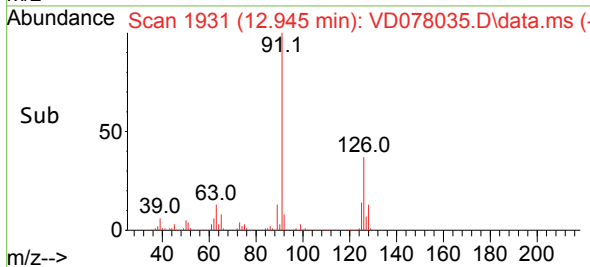
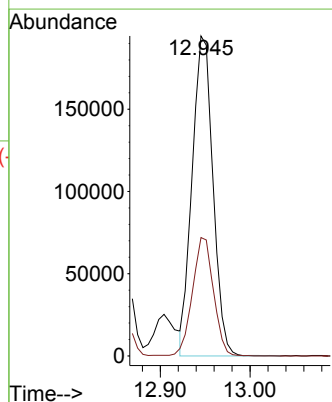
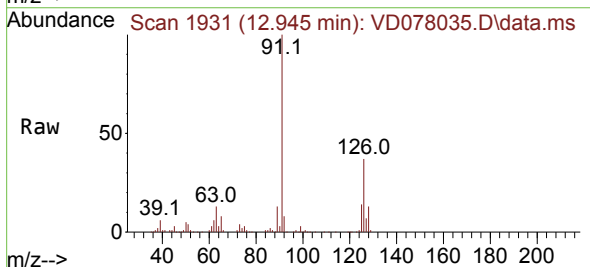
Instrument :
MSVOA_D
ClientSampleId :

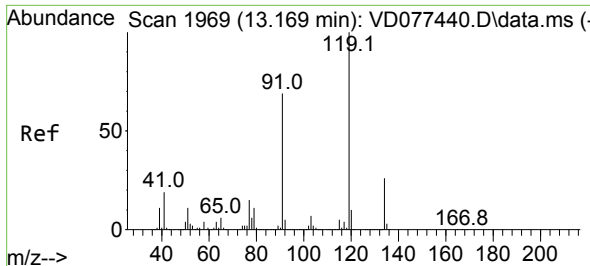
Tgt Ion: 75 Resp: 26990
Ion Ratio Lower Upper
75 100
53 80.0 63.0 94.4
89 44.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 59.805 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Tgt Ion: 91 Resp: 313563
Ion Ratio Lower Upper
91 100
126 37.6 19.4 58.4

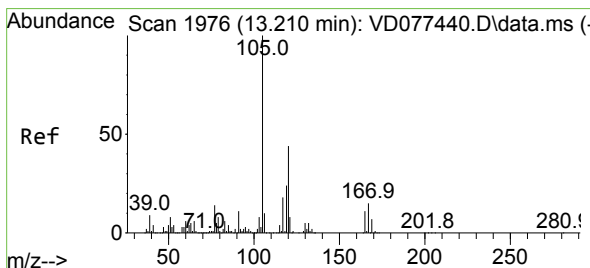
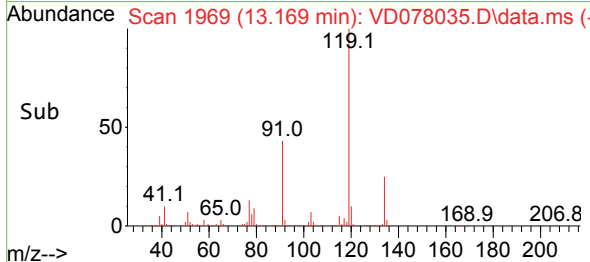
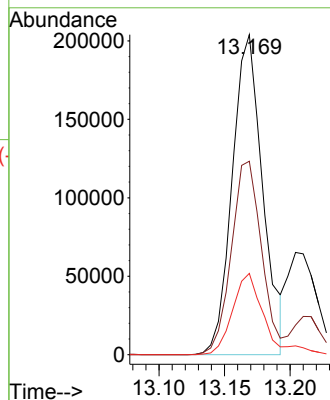
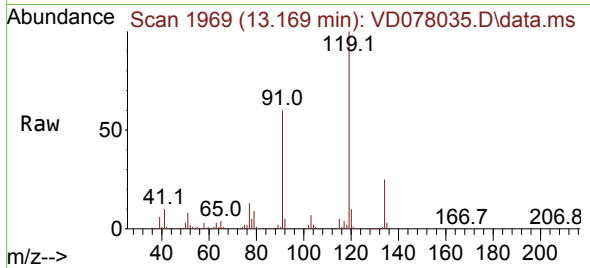




#83
 tert-Butylbenzene
 Concen: 60.962 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD078035.D
 Acq: 21 Dec 2023 19:22

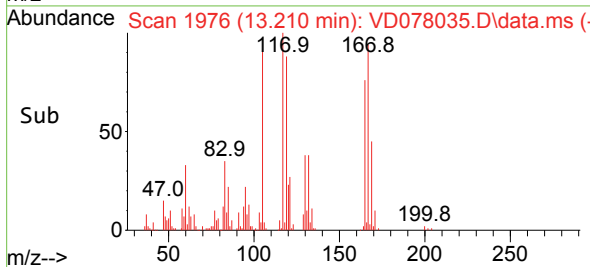
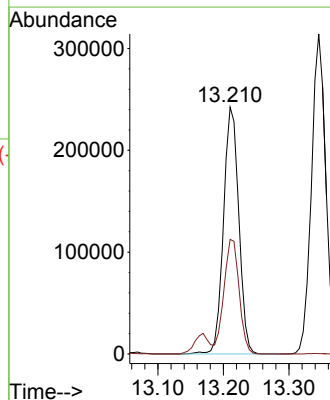
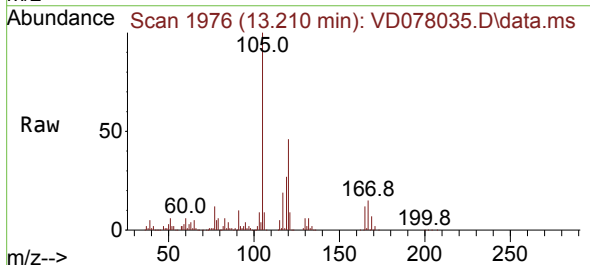
Instrument :
 MSVOA_D
 ClientSampleId :

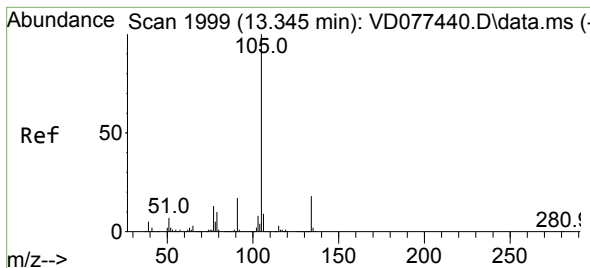
Tgt Ion:119 Resp: 329664
 Ion Ratio Lower Upper
 119 100
 91 59.9 29.3 87.8
 134 26.4 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 61.029 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD078035.D
 Acq: 21 Dec 2023 19:22

Tgt Ion:105 Resp: 390994
 Ion Ratio Lower Upper
 105 100
 120 46.0 24.3 72.9





#85

sec-Butylbenzene

Concen: 59.588 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078035.D

Acq: 21 Dec 2023 19:22

Instrument :

MSVOA_D

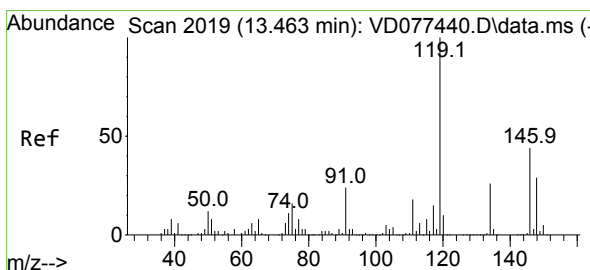
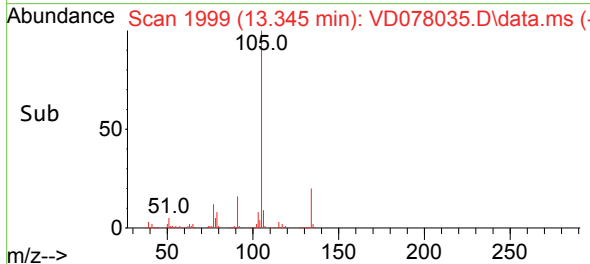
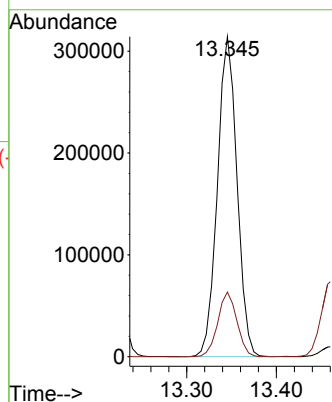
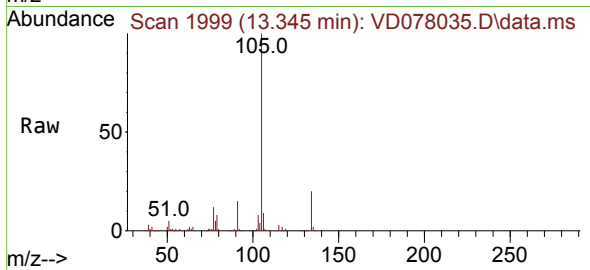
ClientSampleId :

Tgt Ion:105 Resp: 476314

Ion Ratio Lower Upper

105 100

134 19.7 10.9 32.9



#86

p-Isopropyltoluene

Concen: 60.913 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD078035.D

Acq: 21 Dec 2023 19:22

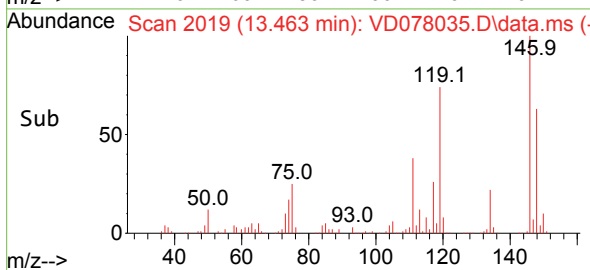
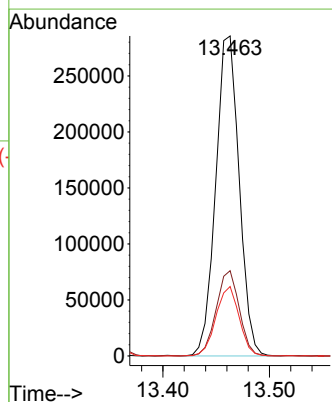
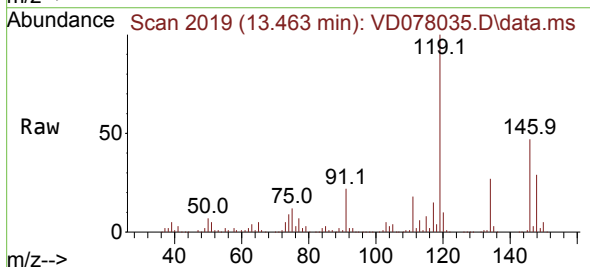
Tgt Ion:119 Resp: 435933

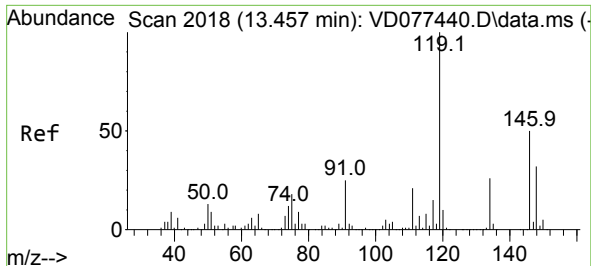
Ion Ratio Lower Upper

119 100

134 26.3 14.2 42.6

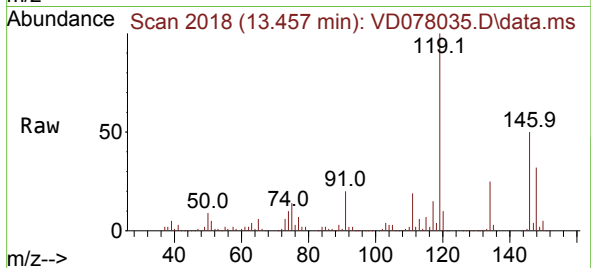
91 21.6 10.5 31.5



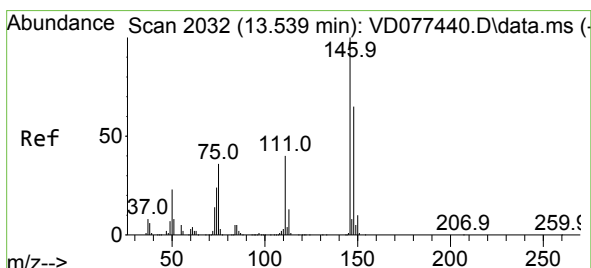
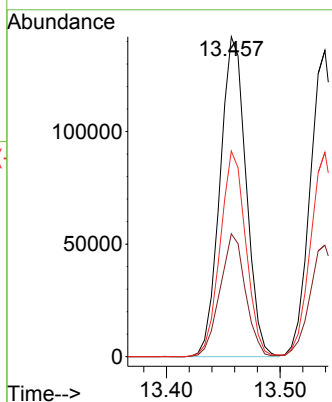
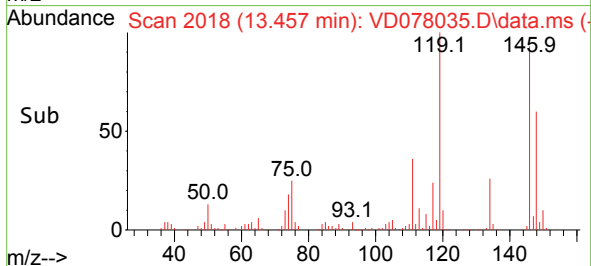


#87
 1,3-Dichlorobenzene
 Concen: 61.212 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078035.D
 Acq: 21 Dec 2023 19:22

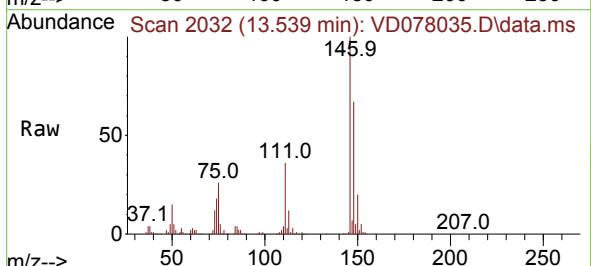
Instrument :
 MSVOA_D
 ClientSampleId :



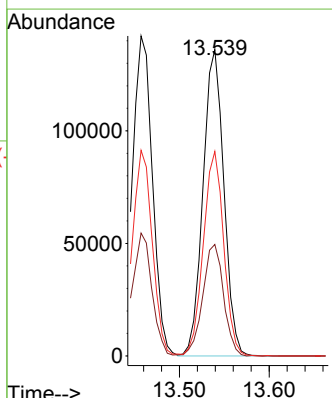
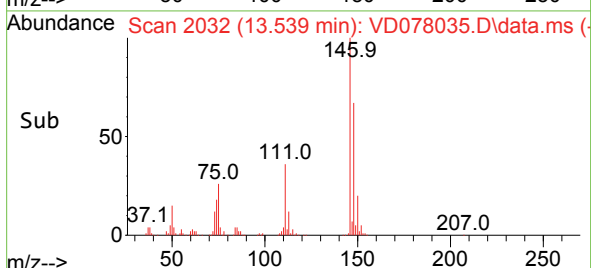
Tgt Ion:146 Resp: 226126
 Ion Ratio Lower Upper
 146 100
 111 37.5 17.9 53.8
 148 63.5 32.3 96.8

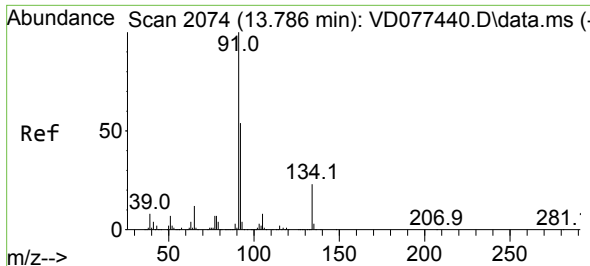


#88
 1,4-Dichlorobenzene
 Concen: 59.869 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD078035.D
 Acq: 21 Dec 2023 19:22



Tgt Ion:146 Resp: 219586
 Ion Ratio Lower Upper
 146 100
 111 36.6 17.4 52.3
 148 65.3 31.7 95.1

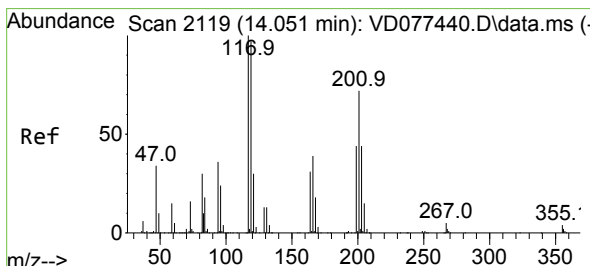
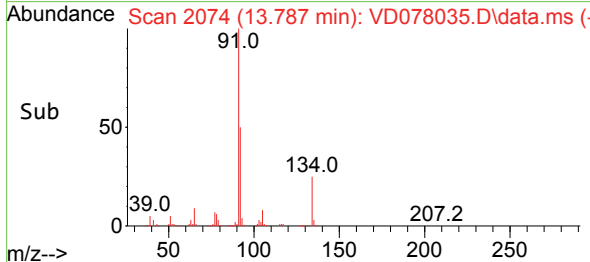
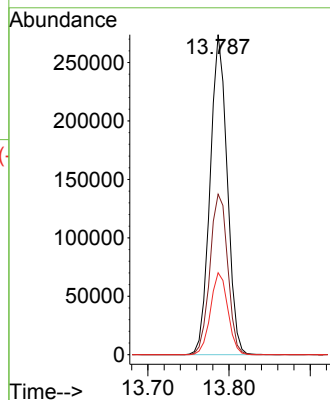
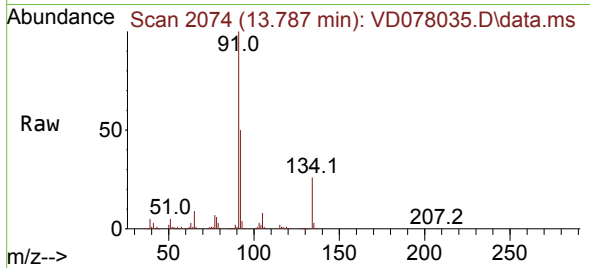




#89
n-Butylbenzene
Concen: 59.378 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

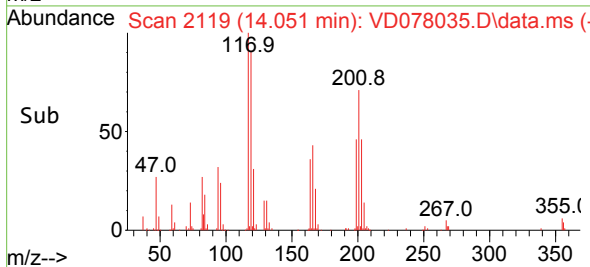
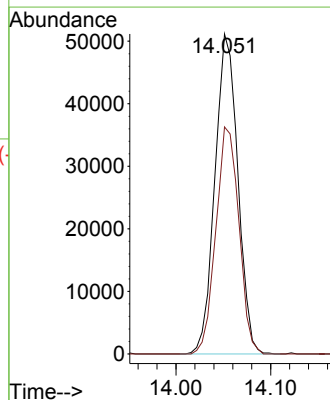
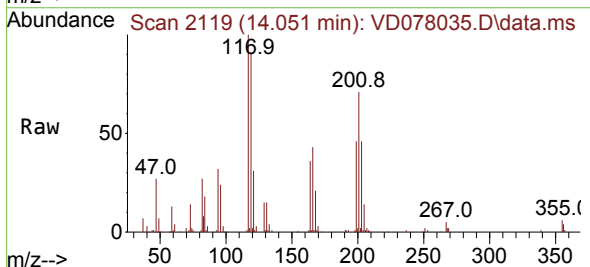
Instrument :
MSVOA_D
ClientSampleId :

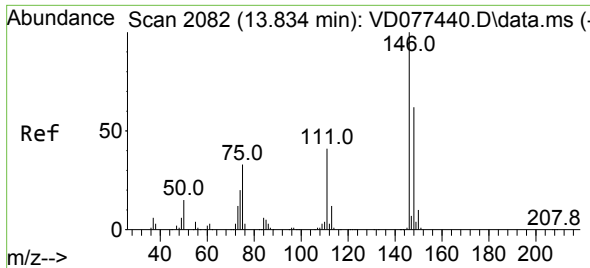
Tgt Ion: 91 Resp: 399859
Ion Ratio Lower Upper
91 100
92 52.2 26.5 79.5
134 26.0 13.8 41.3



#90
Hexachloroethane
Concen: 65.333 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Tgt Ion: 117 Resp: 85989
Ion Ratio Lower Upper
117 100
201 71.4 38.5 115.5

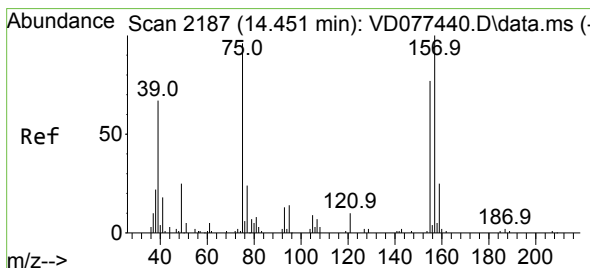
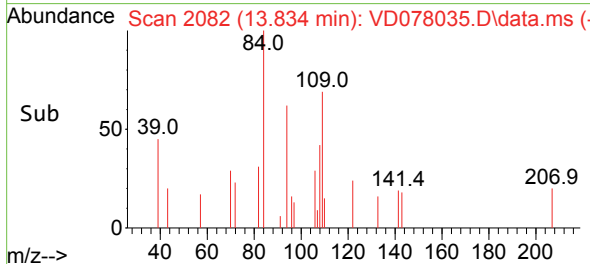
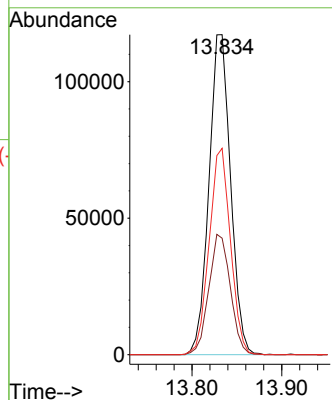
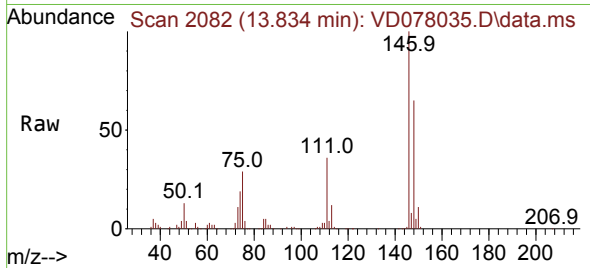




#91
1,2-Dichlorobenzene
Concen: 62.310 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

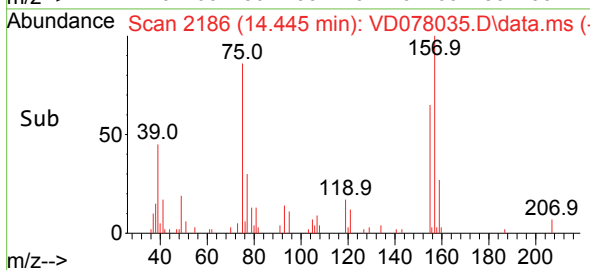
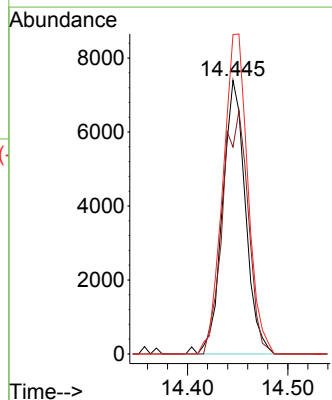
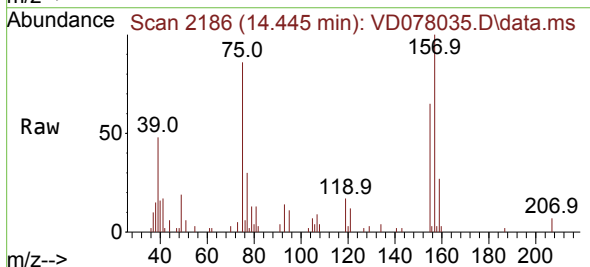
Instrument :
MSVOA_D
ClientSampleId :

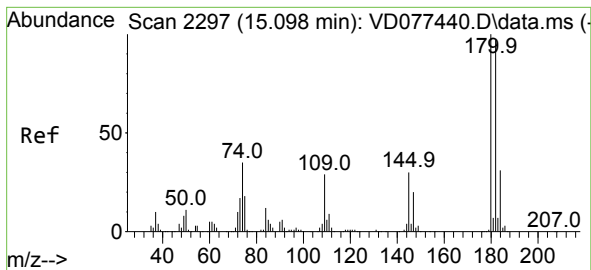
Tgt Ion:146 Resp: 195766
Ion Ratio Lower Upper
146 100
111 37.6 18.3 54.8
148 63.7 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 60.595 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Tgt Ion: 75 Resp: 11714
Ion Ratio Lower Upper
75 100
155 99.3 47.9 143.8
157 127.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 56.093 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078035.D

Acq: 21 Dec 2023 19:22

Instrument :

MSVOA_D

ClientSampleId :

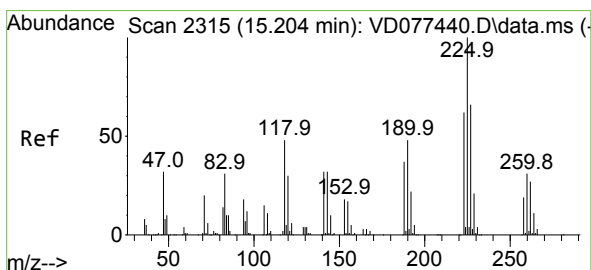
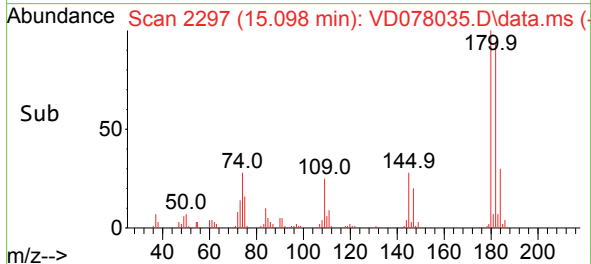
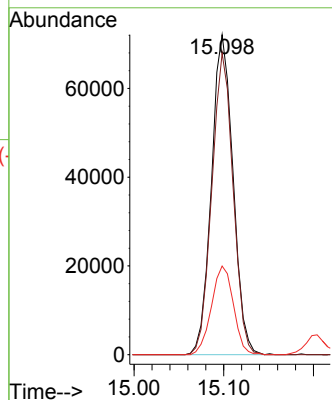
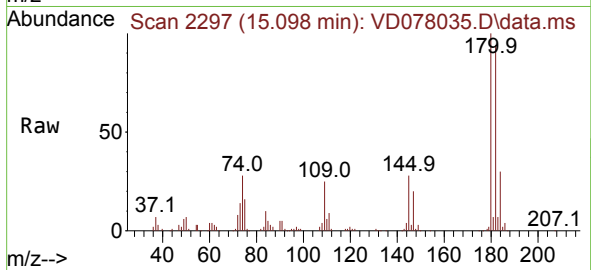
Tgt Ion:180 Resp: 120378

Ion Ratio Lower Upper

180 100

182 92.7 48.5 145.6

145 28.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 53.662 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078035.D

Acq: 21 Dec 2023 19:22

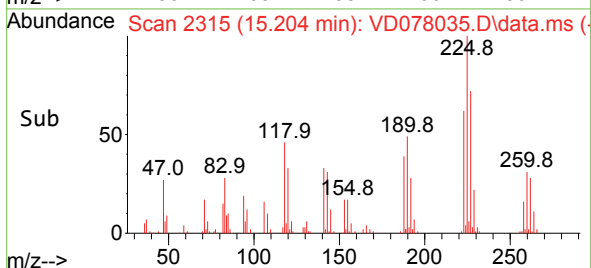
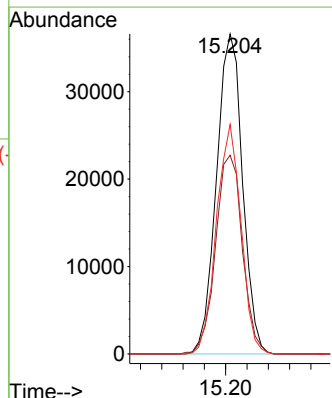
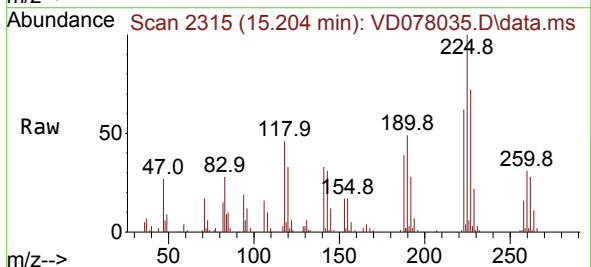
Tgt Ion:225 Resp: 62099

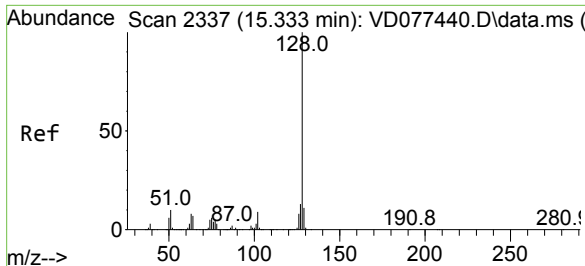
Ion Ratio Lower Upper

225 100

223 63.9 31.6 94.8

227 67.6 31.7 95.1

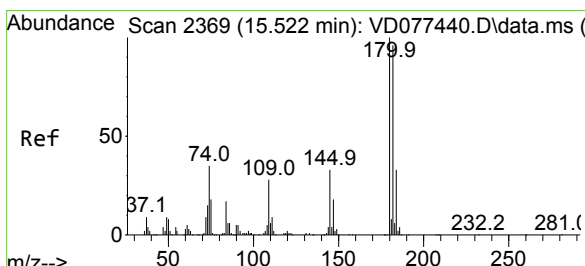
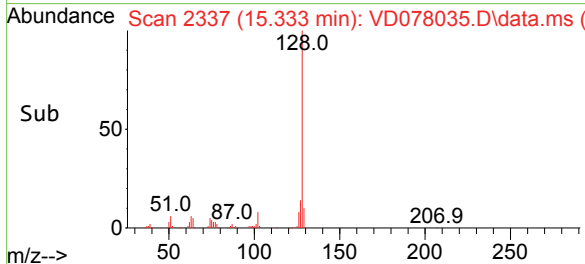
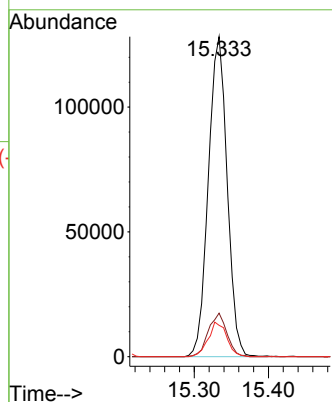
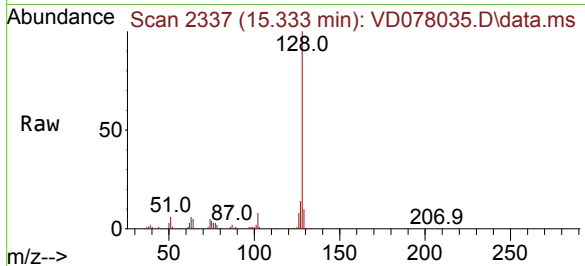




#95
Naphthalene
Concen: 63.380 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 225990
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 9.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 60.072 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078035.D
Acq: 21 Dec 2023 19:22

Tgt Ion:180 Resp: 106281
Ion Ratio Lower Upper
180 100
182 93.3 47.3 141.9
145 30.9 15.1 45.3

