

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078041.D
 Acq On : 21 Dec 2023 23:49
 Operator : RP/MD
 Sample : VD1221SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 22 05:43:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	101628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	184647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	168418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	84529	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	67213	56.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.260%	
35) Dibromofluoromethane	7.805	113	73835	57.087	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.180%	
50) Toluene-d8	10.269	98	285082	55.033	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.060%	
62) 4-Bromofluorobenzene	12.575	95	84046	54.267	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	23914	18.837	ug/l	99
3) Chloromethane	2.152	50	38697	22.363	ug/l	91
4) Vinyl Chloride	2.287	62	54541	23.217	ug/l	95
5) Bromomethane	2.693	94	45515	34.529	ug/l	96
6) Chloroethane	2.846	64	40469	25.268	ug/l	96
7) Trichlorofluoromethane	3.181	101	44640	20.633	ug/l	94
8) Diethyl Ether	3.593	74	13205	21.736	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.975	101	27686	22.368	ug/l	96
10) Methyl Iodide	4.164	142	28160	29.200	ug/l	91
11) Tert butyl alcohol	5.046	59	5584	89.596	ug/l #	93
12) 1,1-Dichloroethene	3.946	96	26413	21.622	ug/l #	80
13) Acrolein	3.799	56	8992	70.983	ug/l	99
14) Allyl chloride	4.569	41	34316	20.425	ug/l	90
15) Acrylonitrile	5.263	53	28865	110.970	ug/l	97
16) Acetone	4.022	43	33604	112.484	ug/l	88
17) Carbon Disulfide	4.275	76	69986	16.934	ug/l	97
18) Methyl Acetate	4.564	43	21242	22.523	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	59410	22.922	ug/l	97
20) Methylene Chloride	4.811	84	44235	29.173	ug/l	89
21) trans-1,2-Dichloroethene	5.316	96	30711	22.195	ug/l #	83
22) Diisopropyl ether	6.222	45	76886	21.899	ug/l #	94
23) Vinyl Acetate	6.158	43	127353	74.277	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	57989	24.389	ug/l	98
25) 2-Butanone	7.087	43	39018	110.127	ug/l #	81
26) 2,2-Dichloropropane	7.075	77	44696	22.390	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	36876	24.768	ug/l	93
28) Bromochloromethane	7.434	49	19804	20.613	ug/l	81
29) Tetrahydrofuran	7.452	42	18824	98.712	ug/l	92
30) Chloroform	7.593	83	61011	25.639	ug/l	100
31) Cyclohexane	7.881	56	37781	17.737	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	50150	23.906	ug/l	98
36) 1,1-Dichloropropene	8.010	75	41362	19.993	ug/l	96
37) Ethyl Acetate	7.175	43	13254	16.430	ug/l #	93
38) Carbon Tetrachloride	7.993	117	43215	20.953	ug/l	93
39) Methylcyclohexane	9.275	83	41534	16.935	ug/l	98
40) Benzene	8.252	78	128772	21.930	ug/l	96

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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	5727	13.968	ug/l #	63
42) 1,2-Dichloroethane	8.328	62	35676	23.439	ug/l	95
43) Isopropyl Acetate	8.363	43	27342	19.067	ug/l #	82
44) Trichloroethene	9.028	130	34741	22.704	ug/l	98
45) 1,2-Dichloropropane	9.310	63	32552	22.805	ug/l	90
46) Dibromomethane	9.399	93	17808	23.578	ug/l	88
47) Bromodichloromethane	9.581	83	44730	23.366	ug/l	96
48) Methyl methacrylate	9.387	41	15910	19.518	ug/l	80
49) 1,4-Dioxane	9.381	88	2506	334.152	ug/l #	56
51) 4-Methyl-2-Pentanone	10.157	43	69854	95.448	ug/l	92
52) Toluene	10.334	92	80564	22.119	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	39736	21.615	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	49631	22.330	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	24253	23.476	ug/l	96
56) Ethyl methacrylate	10.593	69	18185	19.968	ug/l #	82
57) 1,3-Dichloropropane	10.881	76	40192	22.570	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	41462	79.834	ug/l	93
59) 2-Hexanone	10.922	43	54164	89.206	ug/l	92
60) Dibromochloromethane	11.075	129	30168	24.254	ug/l	99
61) 1,2-Dibromoethane	11.181	107	22411	23.045	ug/l	96
64) Tetrachloroethene	10.810	164	27777	22.440	ug/l	94
65) Chlorobenzene	11.610	112	87164	20.873	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	32937	23.518	ug/l	97
67) Ethyl Benzene	11.687	91	155152	22.127	ug/l	97
68) m/p-Xylenes	11.793	106	116215	43.331	ug/l	90
69) o-Xylene	12.122	106	53386	21.598	ug/l	89
70) Styrene	12.134	104	83243	22.648	ug/l	93
71) Bromoform	12.298	173	17559	23.995	ug/l #	94
73) Isopropylbenzene	12.422	105	144929	22.622	ug/l	96
74) N-amyl acetate	12.234	43	24364	19.347	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	27516	24.632	ug/l	98
76) 1,2,3-Trichloropropane	12.716	75	33081	45.061	ug/l #	100
77) Bromobenzene	12.698	156	34180	22.682	ug/l	89
78) n-propylbenzene	12.763	91	181488	23.248	ug/l	94
79) 2-Chlorotoluene	12.845	91	96383	23.038	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	120901	22.627	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	8556	23.613	ug/l #	94
82) 4-Chlorotoluene	12.945	91	103438	23.650	ug/l	96
83) tert-Butylbenzene	13.163	119	106748	23.664	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	123560	23.120	ug/l	95
85) sec-Butylbenzene	13.345	105	150914	22.633	ug/l	96
86) p-Isopropyltoluene	13.463	119	133611	22.381	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	72489	23.523	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	70948	22.173	ug/l	97
89) n-Butylbenzene	13.787	91	126148	22.456	ug/l	97
90) Hexachloroethane	14.051	117	27475	25.025	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	61711	23.546	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3695	22.291	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	36396	20.331	ug/l	97
94) Hexachlorobutadiene	15.198	225	19409	20.106	ug/l	98
95) Naphthalene	15.328	128	63201	21.248	ug/l	95
96) 1,2,3-Trichlorobenzene	15.522	180	30811	20.877	ug/l	99

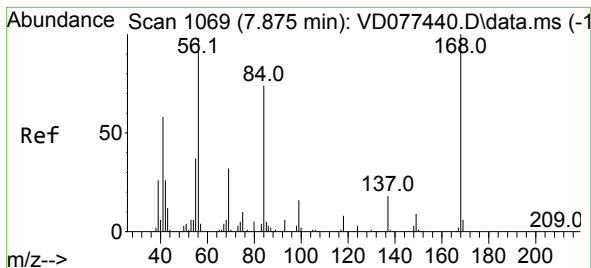
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

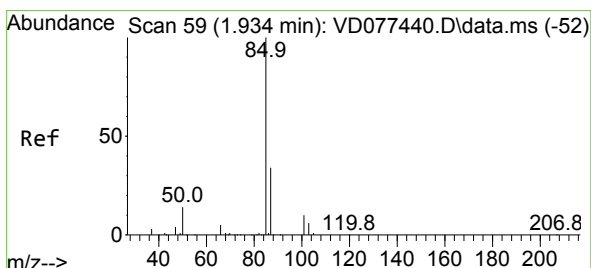
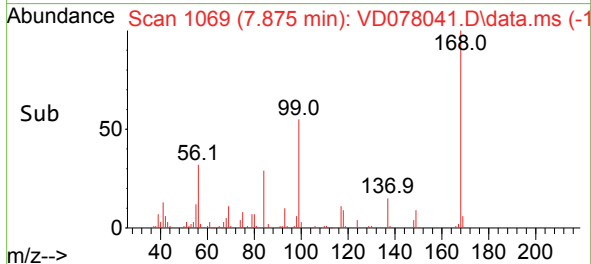
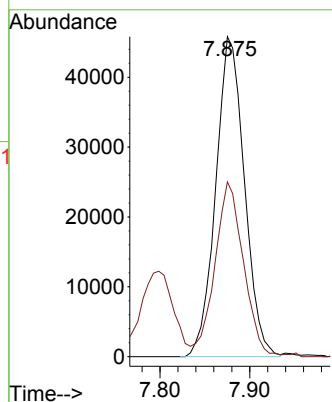
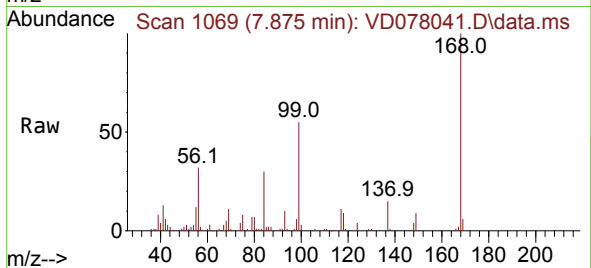
ClientSampleId :

Tgt Ion:168 Resp: 101628

Ion Ratio Lower Upper

168 100

99 54.0 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 18.837 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078041.D

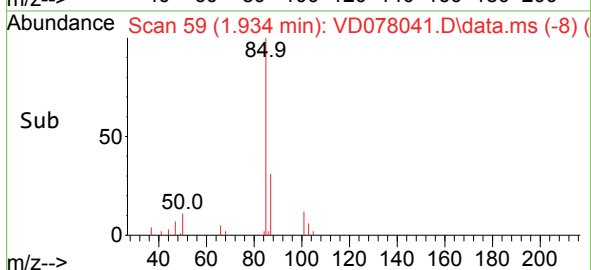
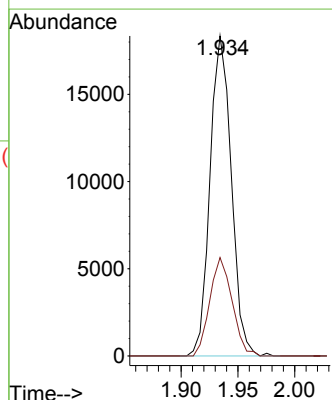
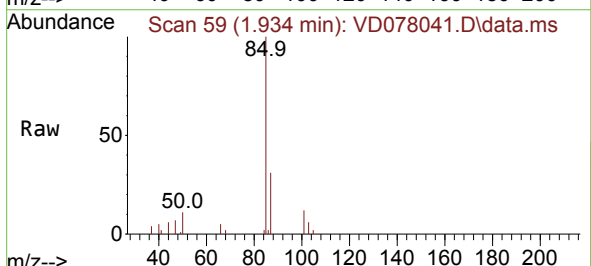
Acq: 21 Dec 2023 23:49

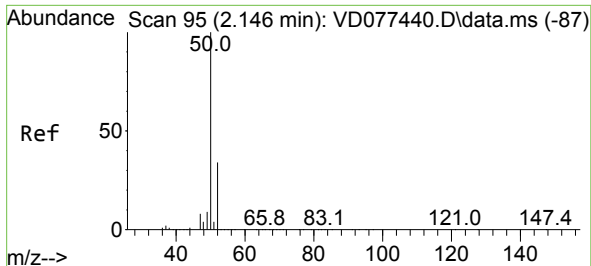
Tgt Ion: 85 Resp: 23914

Ion Ratio Lower Upper

85 100

87 30.8 15.7 47.0

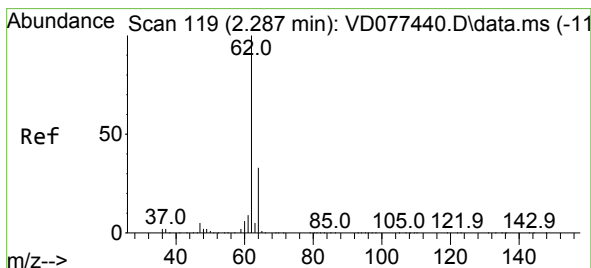
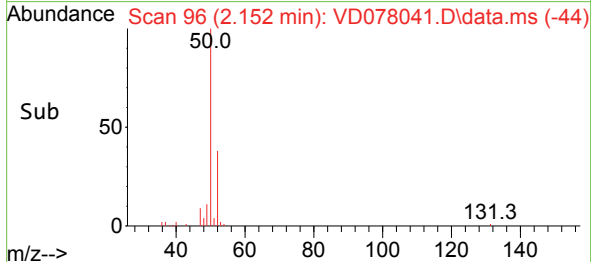
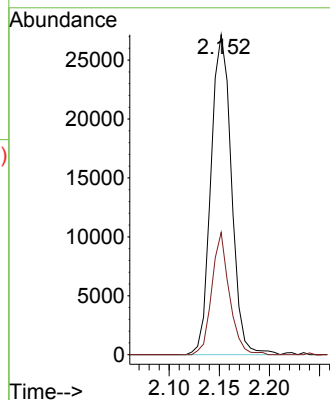
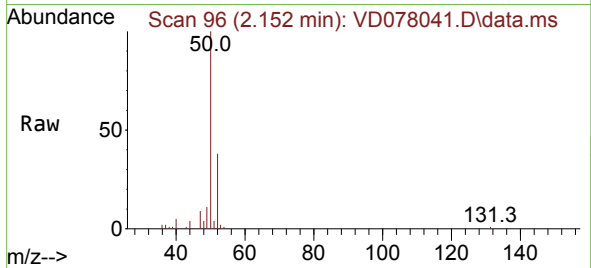




#3
Chloromethane
Concen: 22.363 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

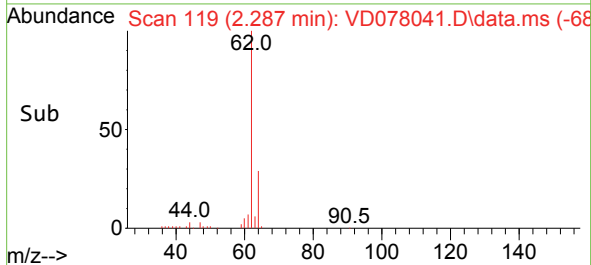
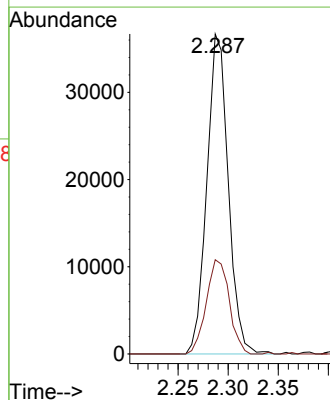
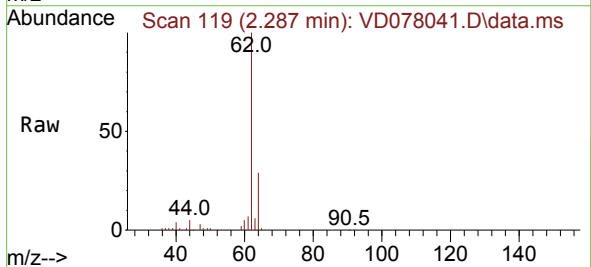
Instrument :
MSVOA_D
ClientSampleId :

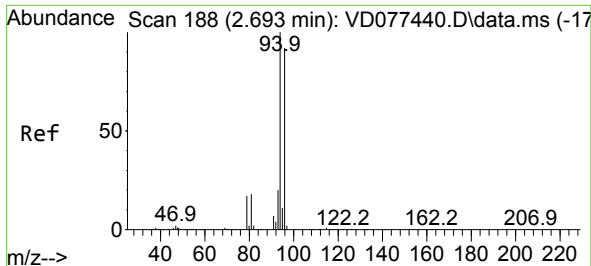
Tgt Ion: 50 Resp: 38697
Ion Ratio Lower Upper
50 100
52 38.2 26.6 40.0



#4
Vinyl Chloride
Concen: 23.217 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 62 Resp: 54541
Ion Ratio Lower Upper
62 100
64 29.5 26.0 39.0

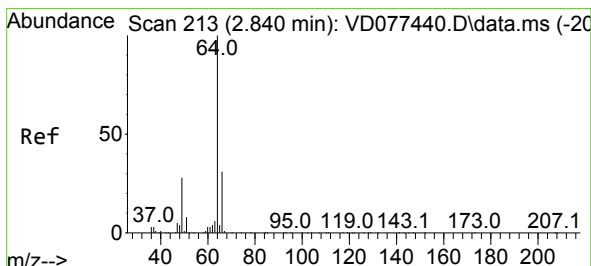
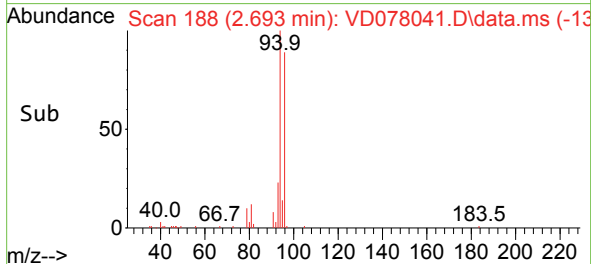
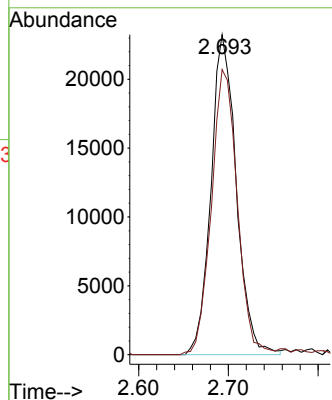
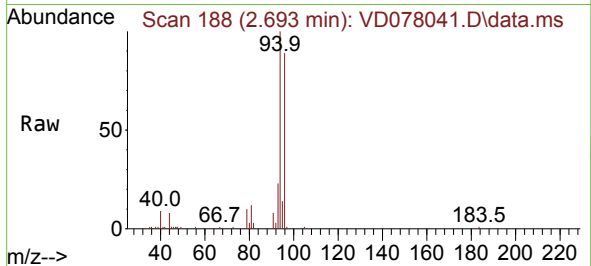




#5
Bromomethane
Concen: 34.529 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

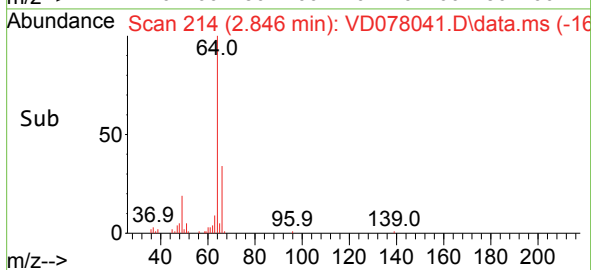
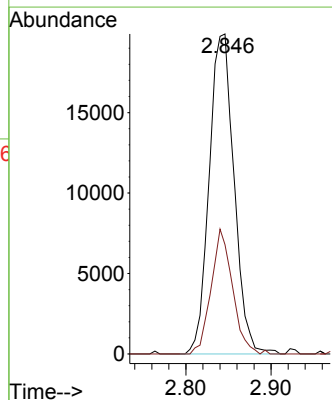
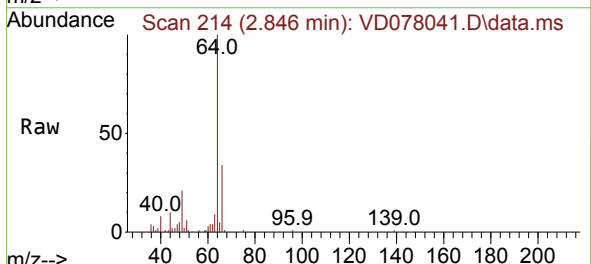
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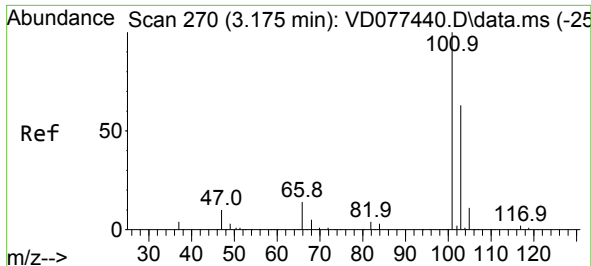
Tgt Ion: 94 Resp: 45515
Ion Ratio Lower Upper
94 100
96 91.0 75.8 113.8



#6
Chloroethane
Concen: 25.268 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 64 Resp: 40469
Ion Ratio Lower Upper
64 100
66 34.2 25.5 38.3

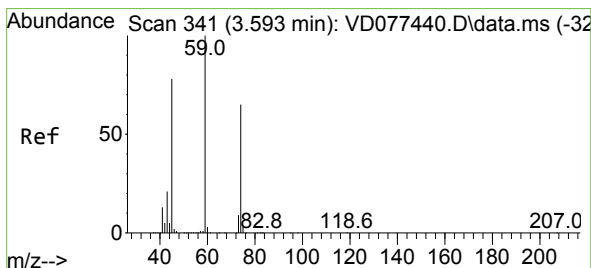
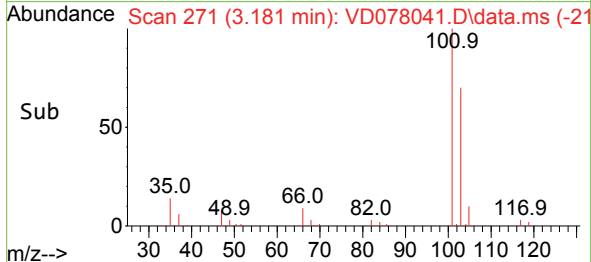
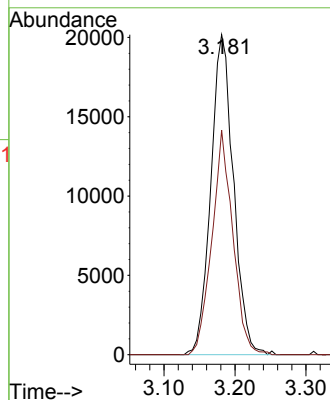
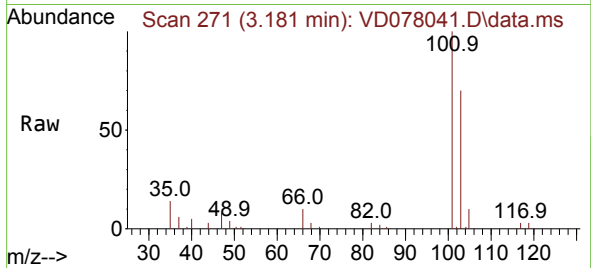




#7
 Trichlorofluoromethane
 Concen: 20.633 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078041.D
 Acq: 21 Dec 2023 23:49

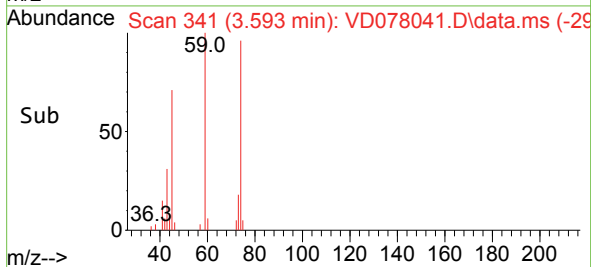
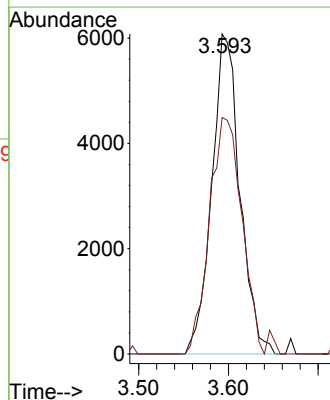
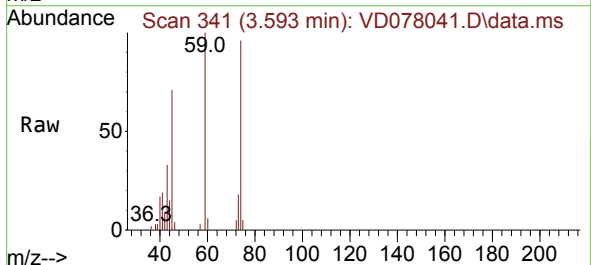
Instrument :
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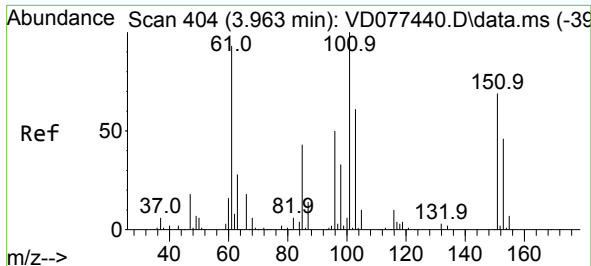
Tgt Ion:101 Resp: 44640
 Ion Ratio Lower Upper
 101 100
 103 70.2 52.3 78.5



#8
 Diethyl Ether
 Concen: 21.736 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD078041.D
 Acq: 21 Dec 2023 23:49

Tgt Ion: 74 Resp: 13205
 Ion Ratio Lower Upper
 74 100
 45 85.2 37.5 112.7

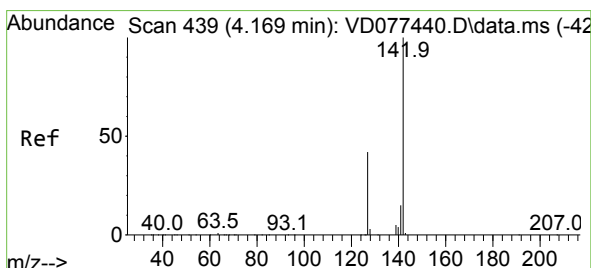
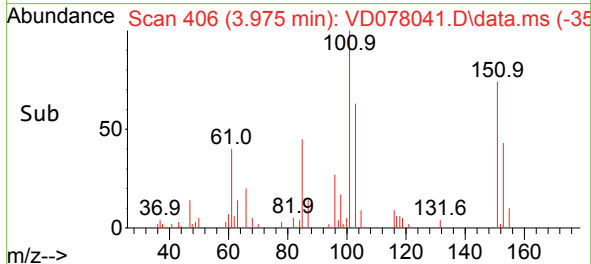
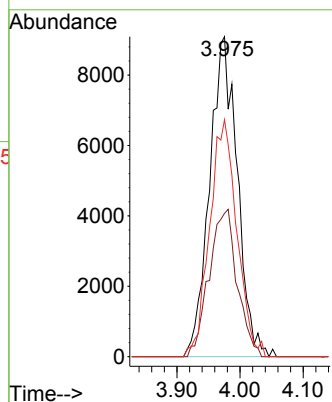
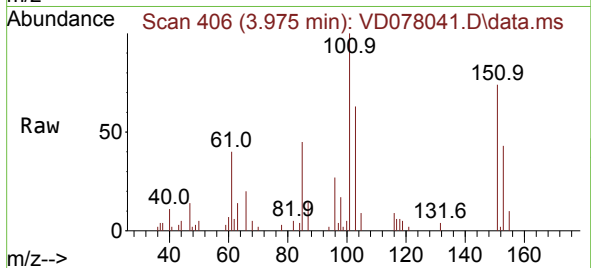




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.368 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

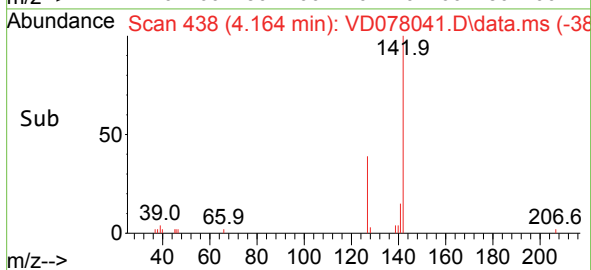
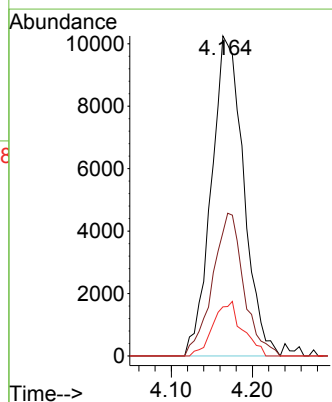
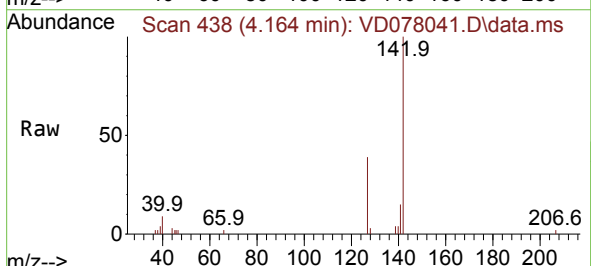
Instrument :
MSVOA_D
ClientSampleId :

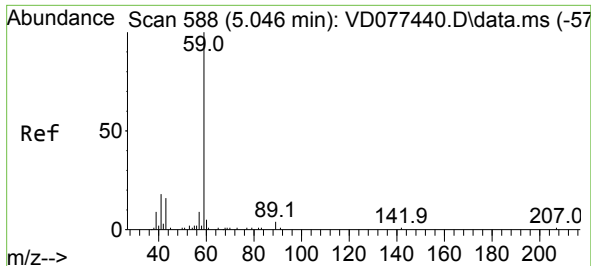
Tgt Ion:101 Resp: 27686
Ion Ratio Lower Upper
101 100
85 46.6 33.8 50.6
151 72.7 59.8 89.6



#10
Methyl Iodide
Concen: 29.200 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion:142 Resp: 28160
Ion Ratio Lower Upper
142 100
127 43.3 29.4 44.0
141 15.5 11.1 16.7

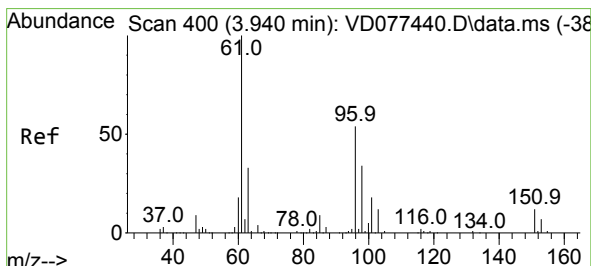
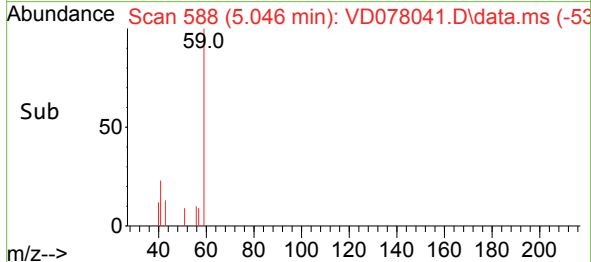
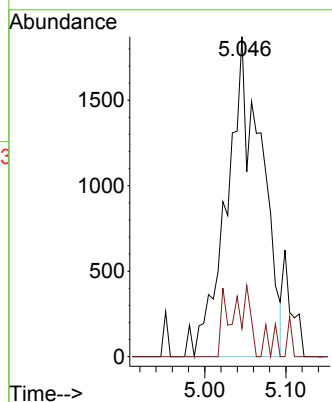
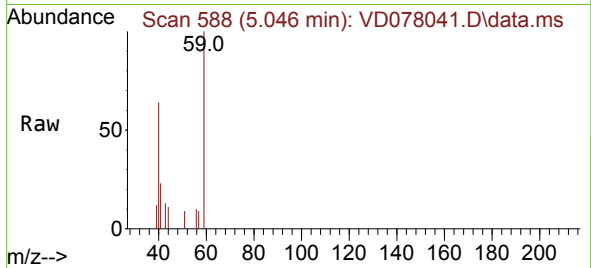




#11
Tert butyl alcohol
Concen: 89.596 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

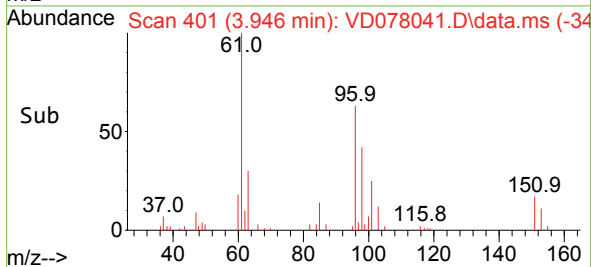
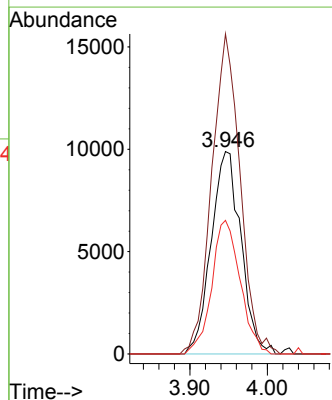
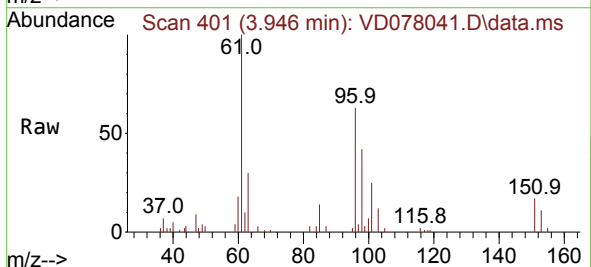
Instrument :
MSVOA_D
ClientSampleId :

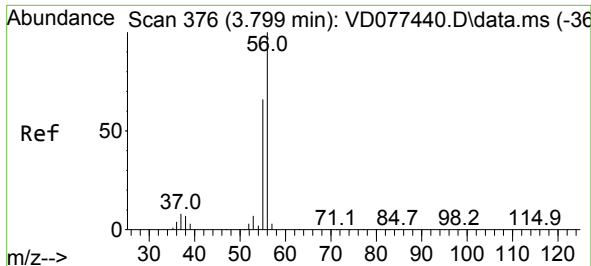
Tgt Ion: 59 Resp: 5584
Ion Ratio Lower Upper
59 100
57 7.3 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 21.622 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 96 Resp: 26413
Ion Ratio Lower Upper
96 100
61 158.1 100.6 150.8#
98 66.0 50.2 75.2

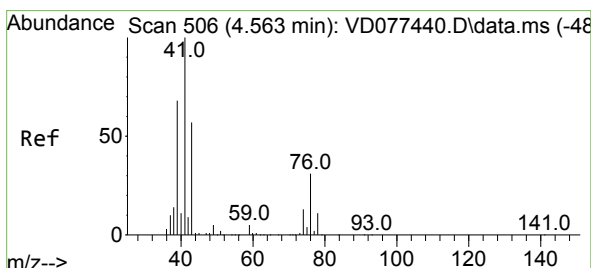
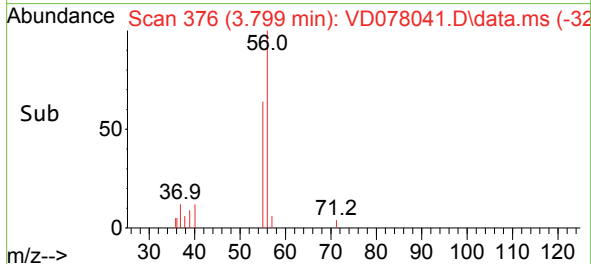
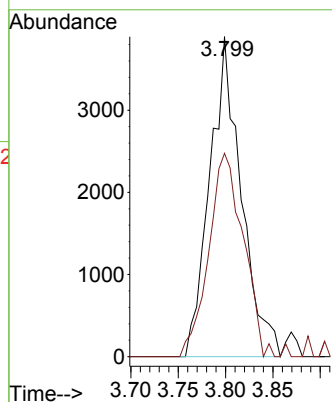
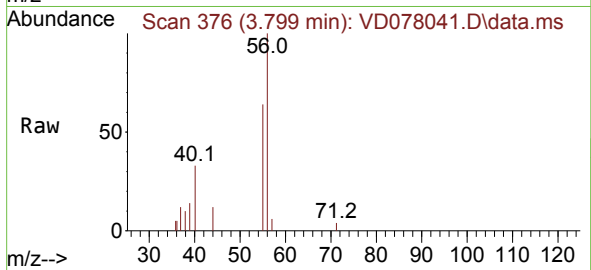




#13
Acrolein
Concen: 70.983 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

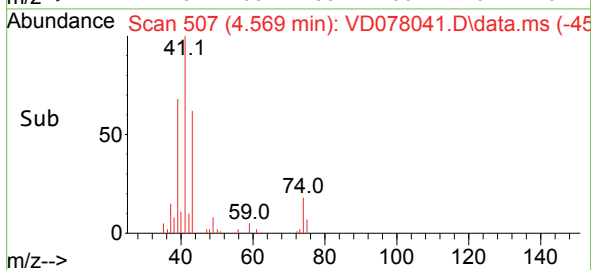
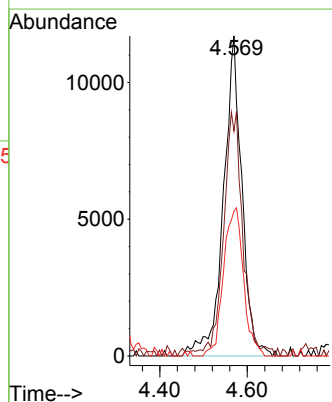
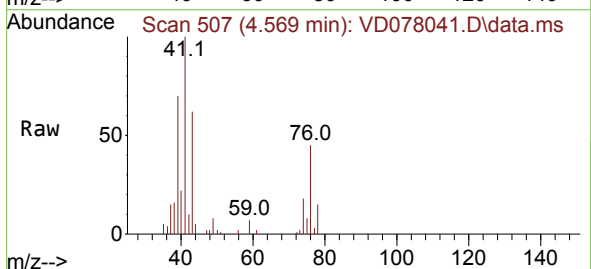
Instrument :
MSVOA_D
ClientSampleId :

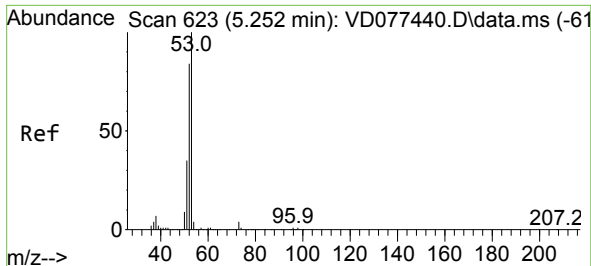
Tgt Ion: 56 Resp: 8992
Ion Ratio Lower Upper
56 100
55 69.8 55.1 82.7



#14
Allyl chloride
Concen: 20.425 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 41 Resp: 34316
Ion Ratio Lower Upper
41 100
39 75.0 53.8 80.6
76 49.9 45.8 68.8

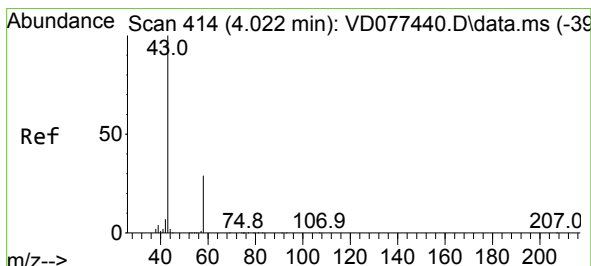
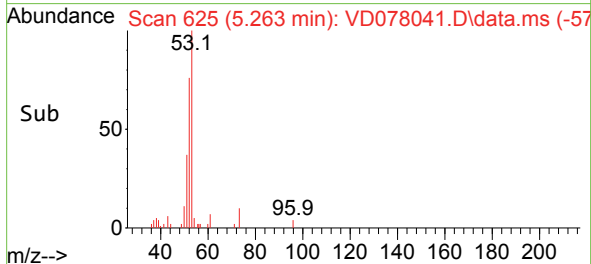
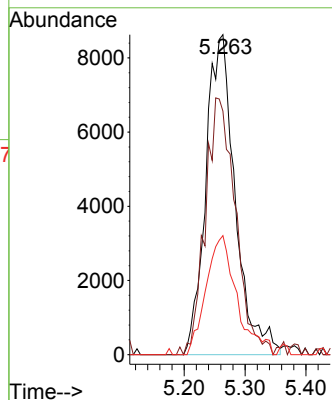
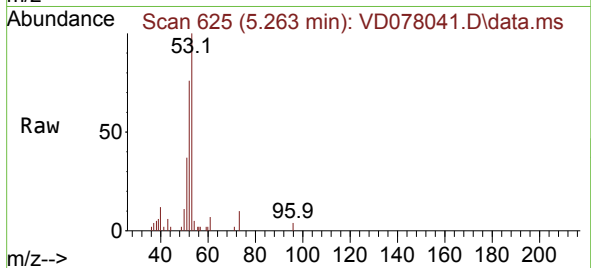




#15
Acrylonitrile
Concen: 110.970 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

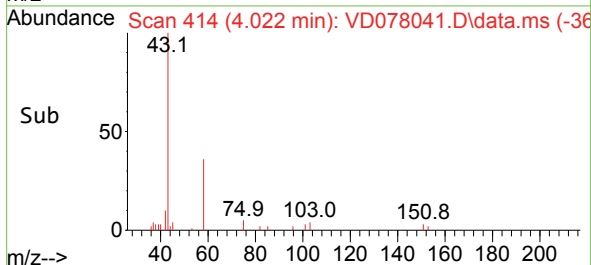
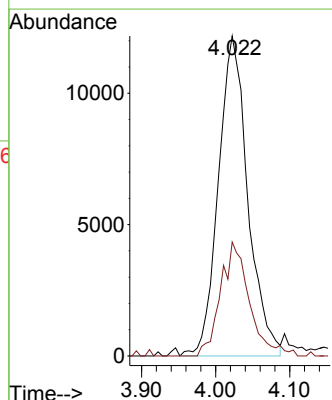
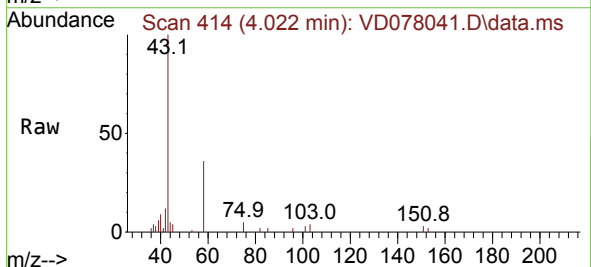
Instrument :
MSVOA_D
ClientSampleId :

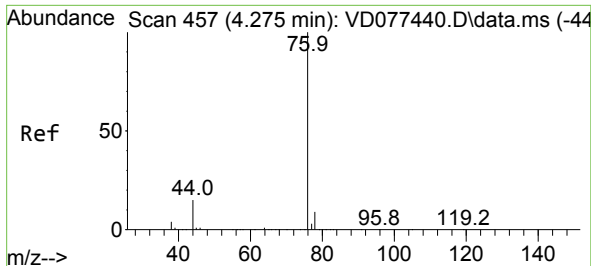
Tgt Ion: 53 Resp: 28865
Ion Ratio Lower Upper
53 100
52 82.6 65.0 97.4
51 39.0 28.3 42.5



#16
Acetone
Concen: 112.484 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 43 Resp: 33604
Ion Ratio Lower Upper
43 100
58 35.6 34.7 52.1

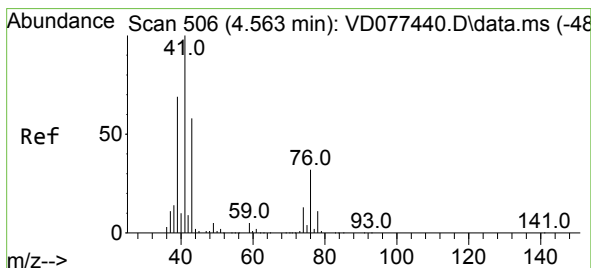
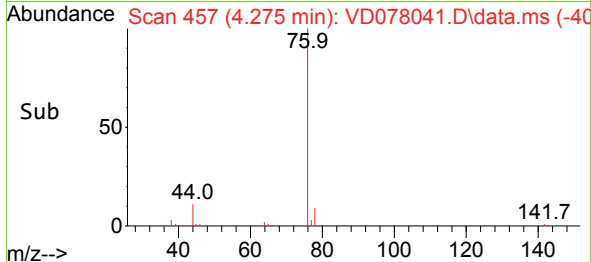
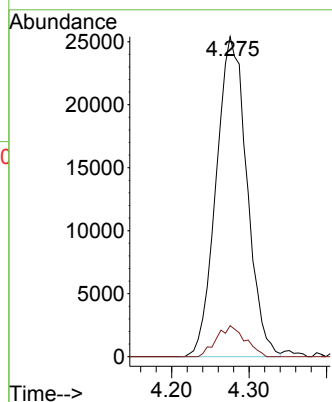
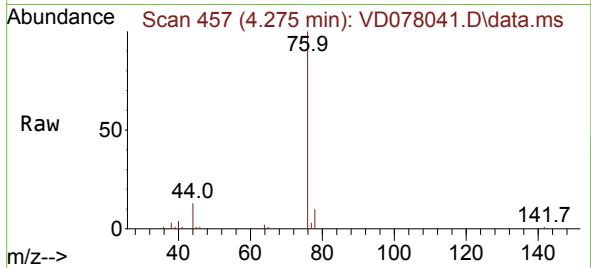




#17
Carbon Disulfide
Concen: 16.934 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

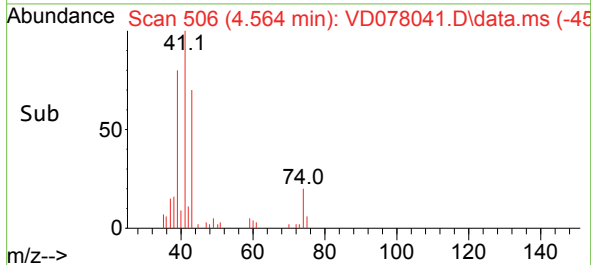
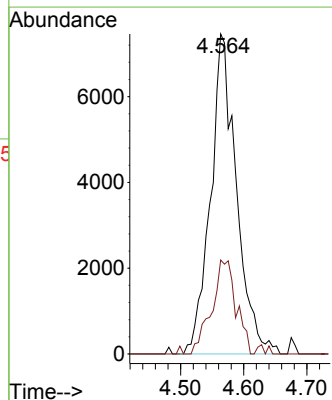
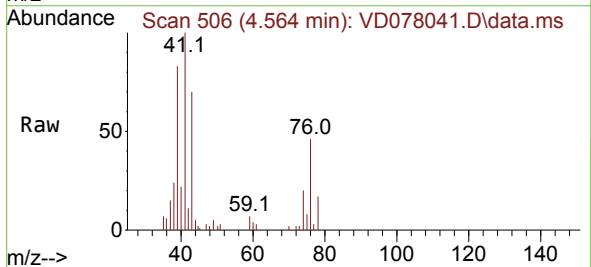
Instrument :
MSVOA_D
ClientSampleId :

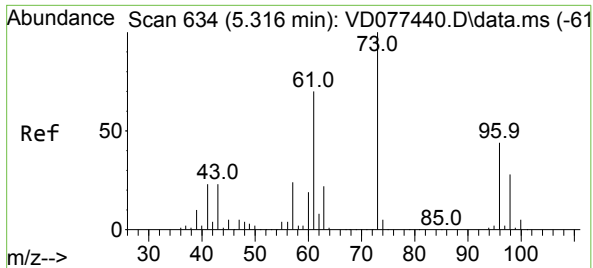
Tgt Ion: 76 Resp: 69986
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2



#18
Methyl Acetate
Concen: 22.523 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 43 Resp: 21242
Ion Ratio Lower Upper
43 100
74 27.7 26.4 39.6

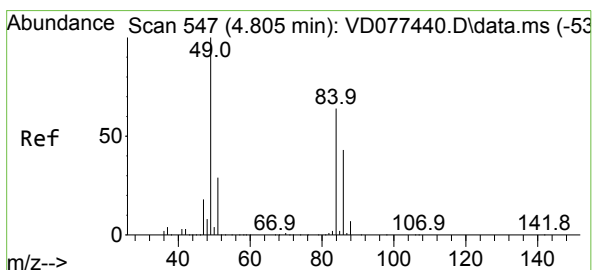
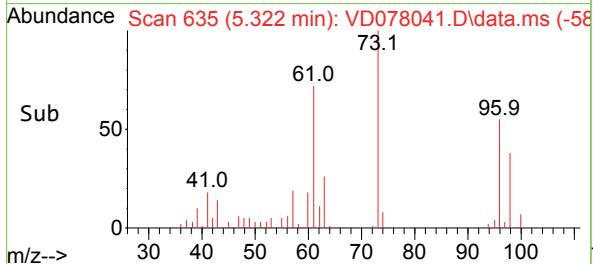
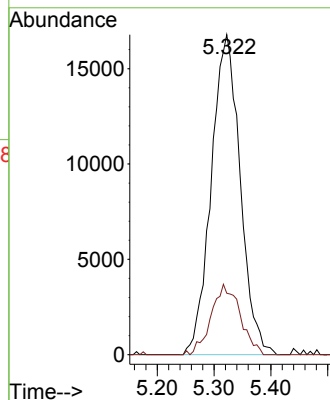
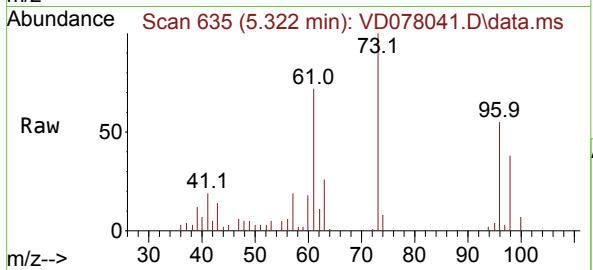




#19
Methyl tert-butyl Ether
Concen: 22.922 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

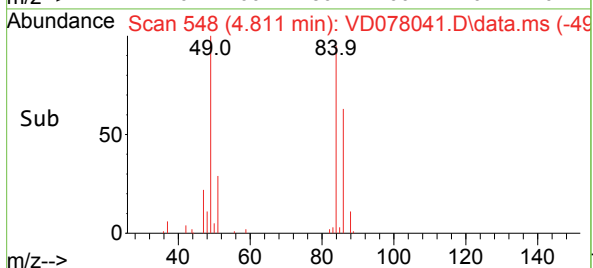
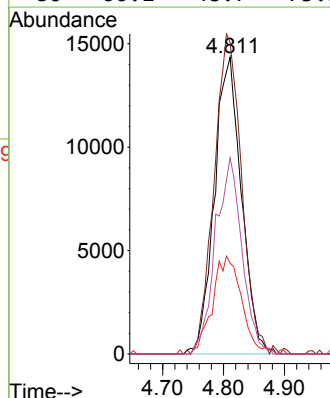
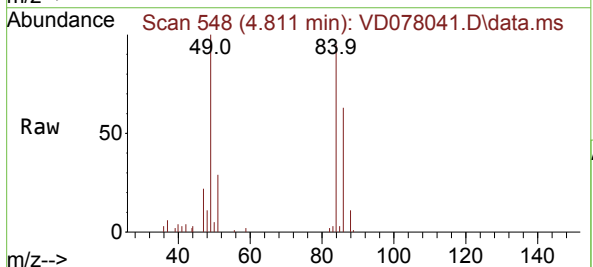
Instrument :
MSVOA_D
ClientSampleId :

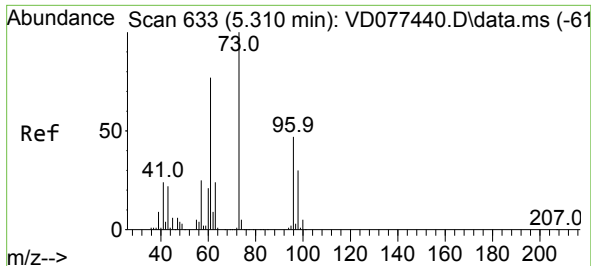
Tgt Ion: 73 Resp: 59410
Ion Ratio Lower Upper
73 100
57 19.2 16.6 25.0



#20
Methylene Chloride
Concen: 29.173 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

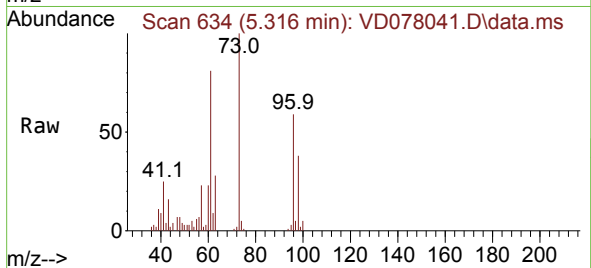
Tgt Ion: 84 Resp: 44235
Ion Ratio Lower Upper
84 100
49 104.9 71.4 107.2
51 29.2 24.5 36.7
86 66.1 48.7 73.1



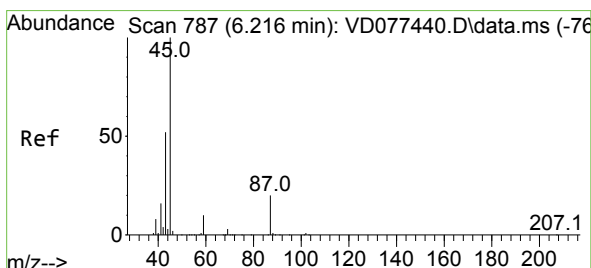
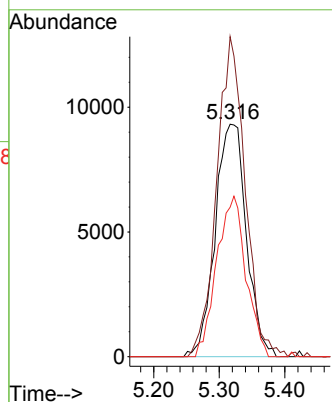
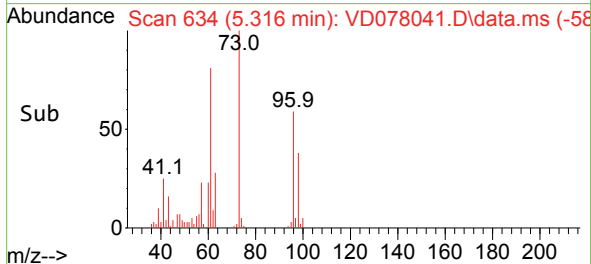


#21
trans-1,2-Dichloroethene
Concen: 22.195 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

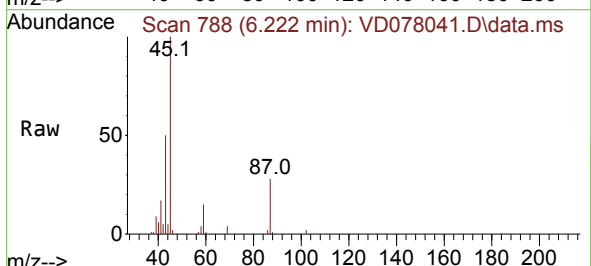
Instrument :
MSVOA_D
ClientSampleId :



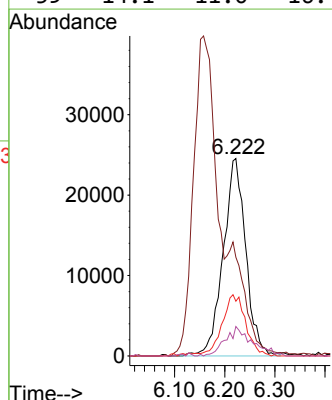
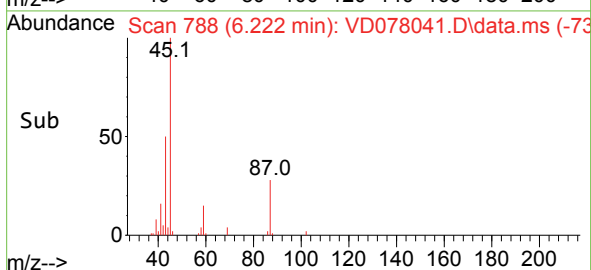
Tgt Ion: 96 Resp: 30711
Ion Ratio Lower Upper
96 100
61 137.6 89.3 133.9#
98 64.3 48.6 73.0

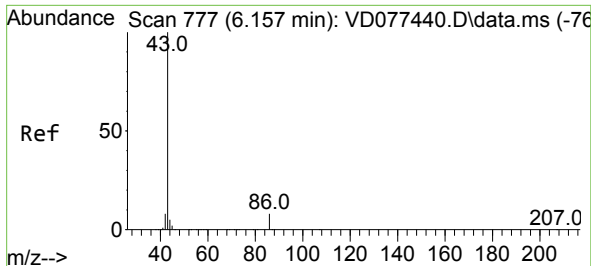


#22
Diisopropyl ether
Concen: 21.899 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49



Tgt Ion: 45 Resp: 76886
Ion Ratio Lower Upper
45 100
43 48.2 40.0 60.0
87 27.7 28.2 42.4#
59 14.1 11.0 16.4

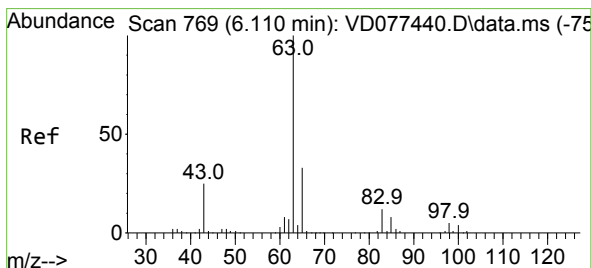
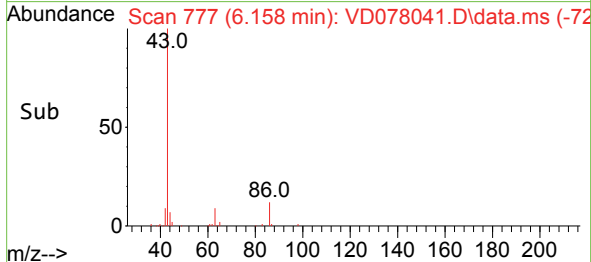
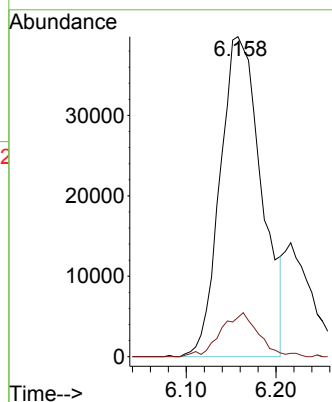
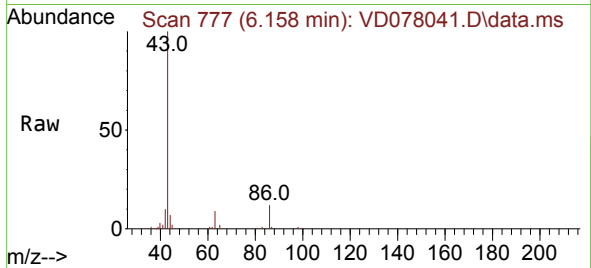




#23
 Vinyl Acetate
 Concen: 74.277 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD078041.D
 Acq: 21 Dec 2023 23:49

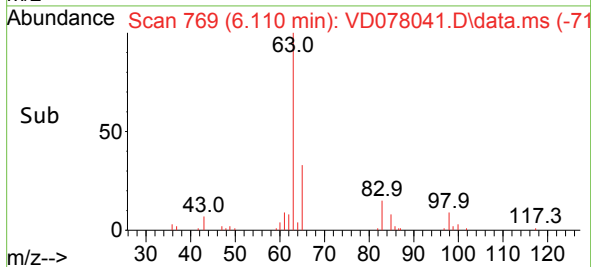
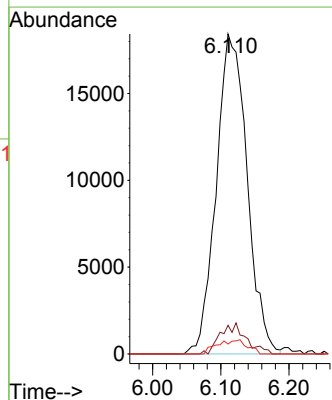
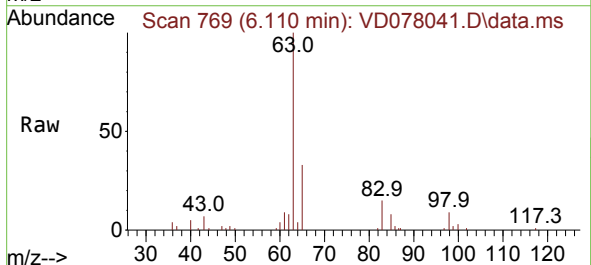
Instrument :
 MSVOA_D
 ClientSampleId :

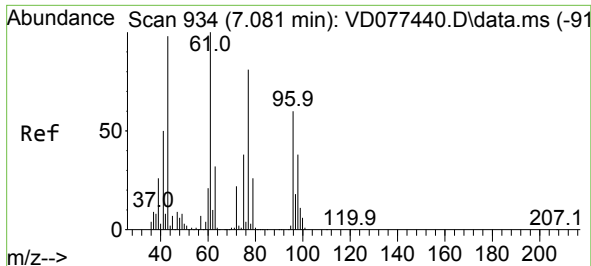
Tgt Ion: 43 Resp: 127353
 Ion Ratio Lower Upper
 43 100
 86 12.3 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 24.389 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD078041.D
 Acq: 21 Dec 2023 23:49

Tgt Ion: 63 Resp: 57989
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.5 13.7
 100 3.1 2.5 7.5





#25

2-Butanone

Concen: 110.127 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

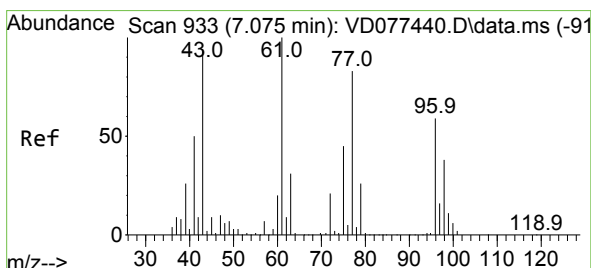
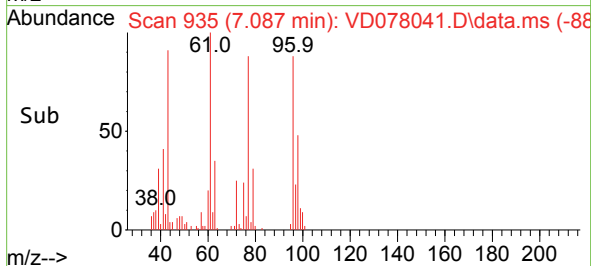
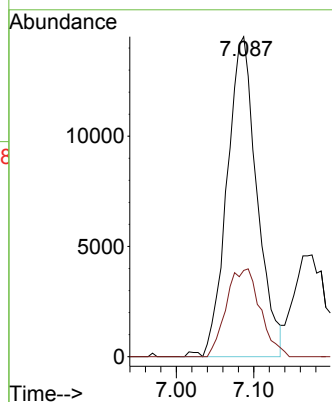
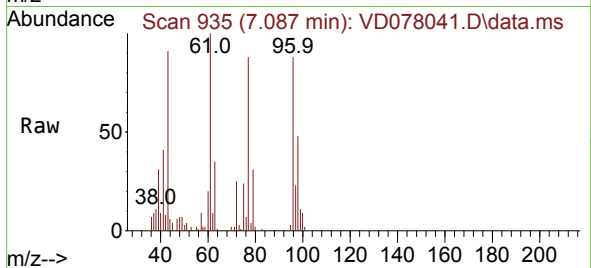
ClientSampleId :

Tgt Ion: 43 Resp: 39018

Ion Ratio Lower Upper

43 100

72 26.9 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 22.390 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD078041.D

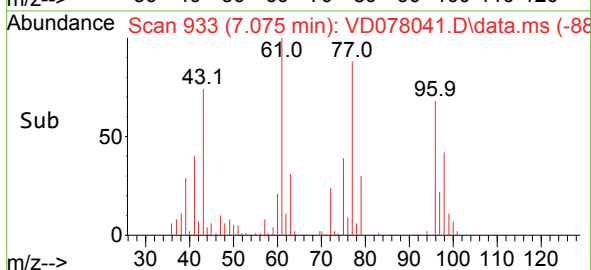
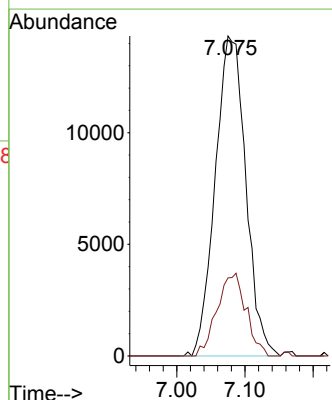
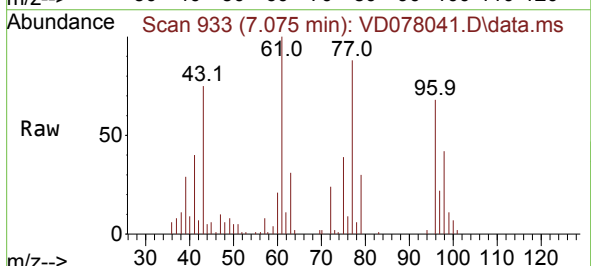
Acq: 21 Dec 2023 23:49

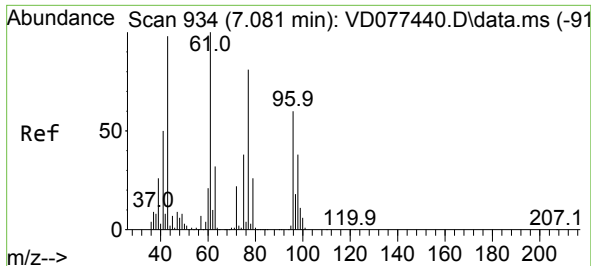
Tgt Ion: 77 Resp: 44696

Ion Ratio Lower Upper

77 100

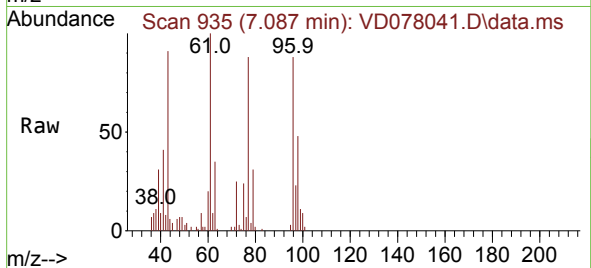
97 24.5 13.2 39.6



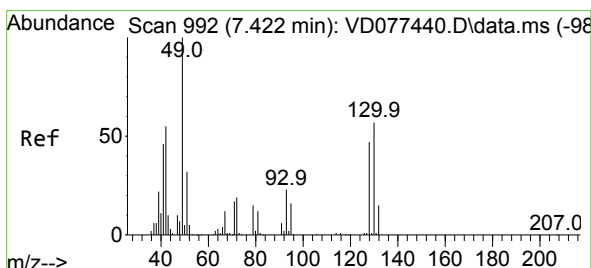
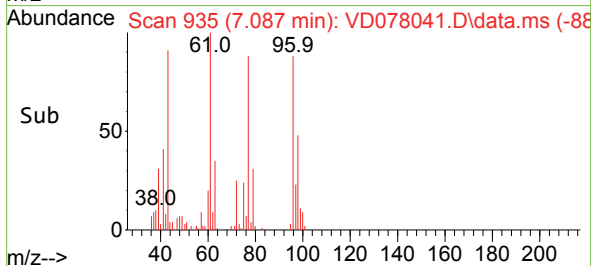
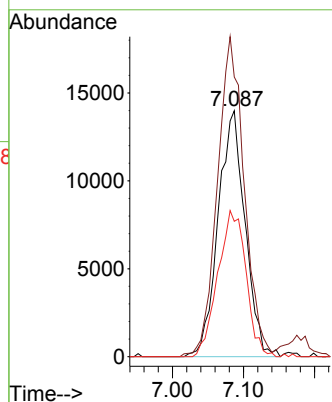


#27
 cis-1,2-Dichloroethene
 Concen: 24.768 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078041.D
 Acq: 21 Dec 2023 23:49

Instrument :
 MSVOA_D
 ClientSampleId :

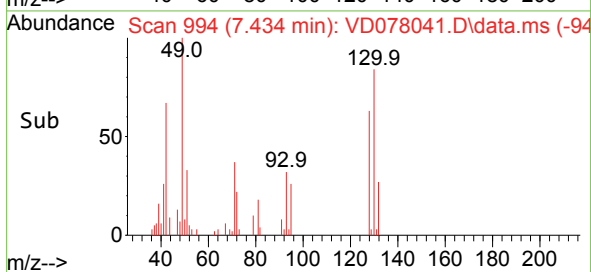
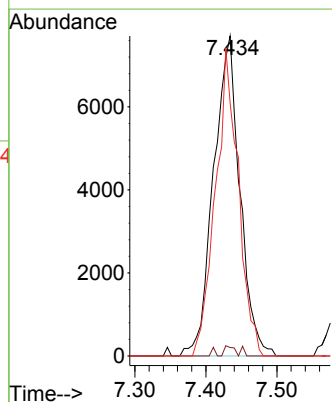
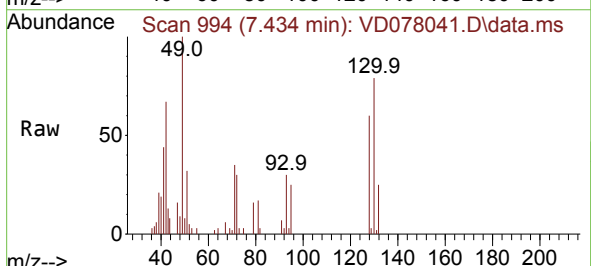


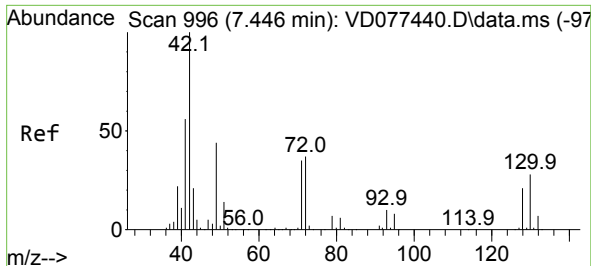
Tgt Ion: 96 Resp: 36876
 Ion Ratio Lower Upper
 96 100
 61 129.2 0.0 239.2
 98 62.0 0.0 128.6



#28
 Bromochloromethane
 Concen: 20.613 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.012 min
 Lab File: VD078041.D
 Acq: 21 Dec 2023 23:49

Tgt Ion: 49 Resp: 19804
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 6.0
 130 83.8 83.2 124.8





#29

Tetrahydrofuran

Concen: 98.712 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD078041.D

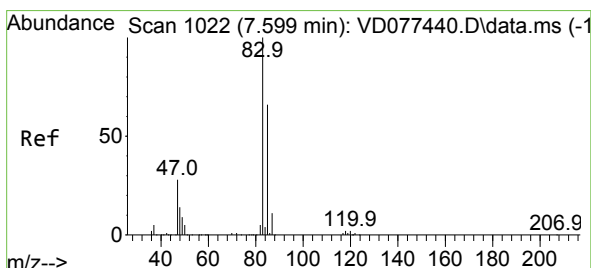
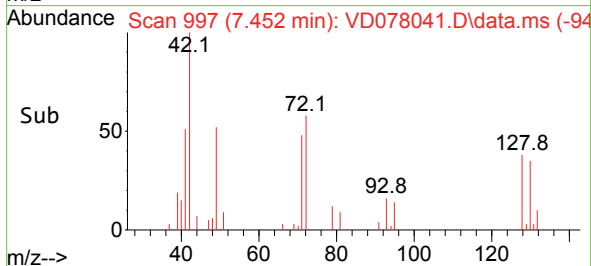
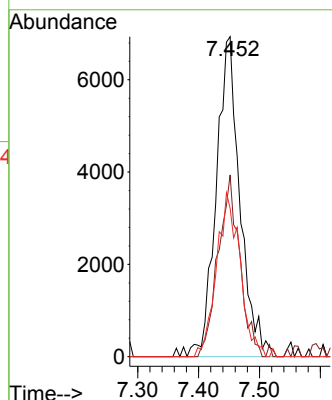
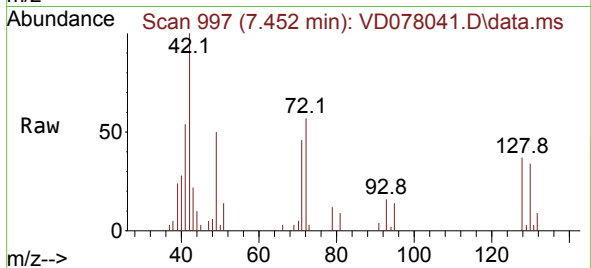
Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	18824
Ion	Ratio	Lower	Upper
42	100		
72	51.5	46.5	69.7
71	50.6	44.5	66.7



#30

Chloroform

Concen: 25.639 ug/l

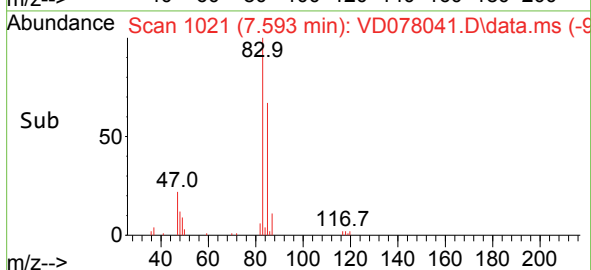
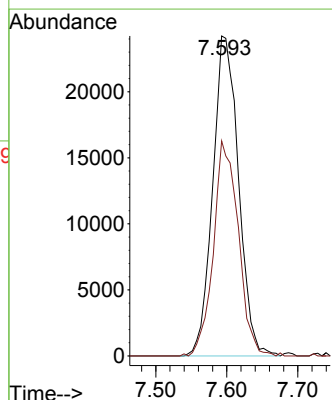
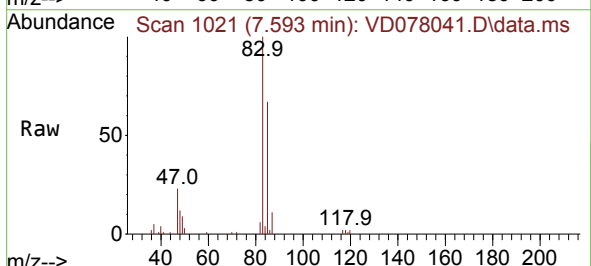
RT: 7.593 min Scan# 1021

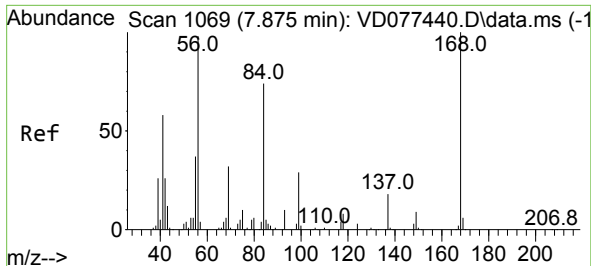
Delta R.T. -0.006 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

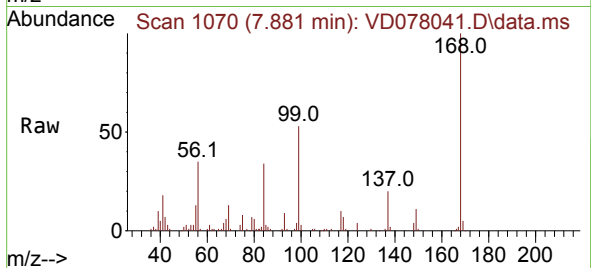
Tgt Ion:	83	Resp:	61011
Ion	Ratio	Lower	Upper
83	100		
85	67.2	53.4	80.2



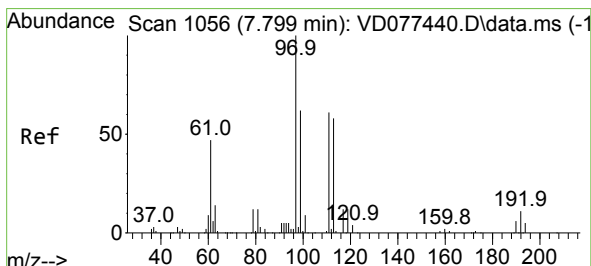
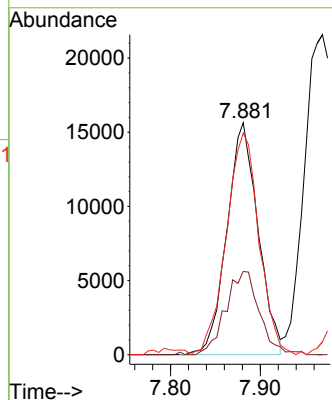
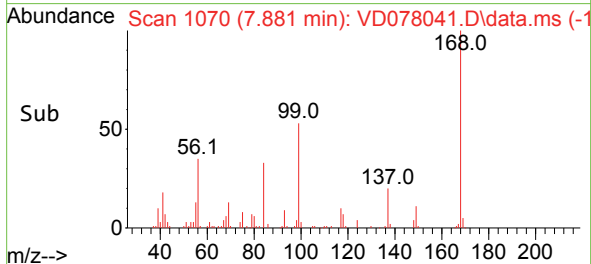


#31
Cyclohexane
Concen: 17.737 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Instrument :
MSVOA_D
ClientSampleId :

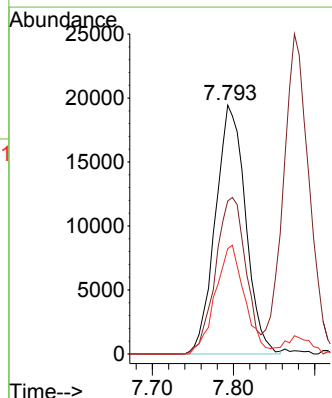
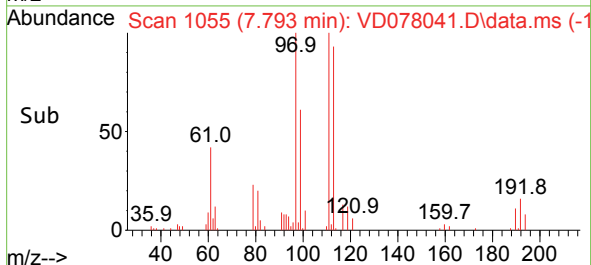
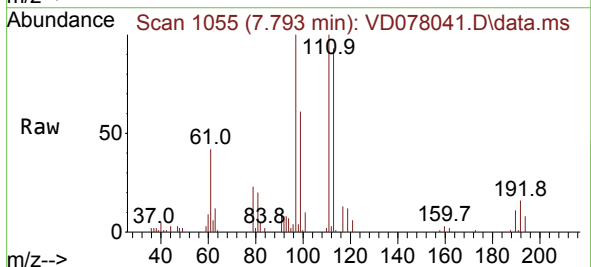


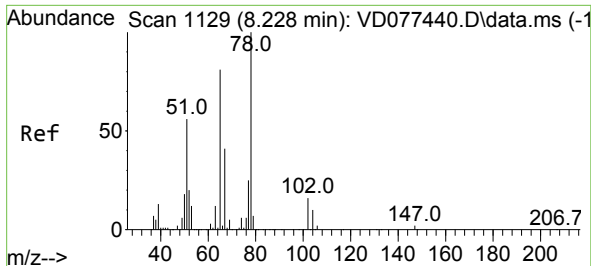
Tgt Ion: 56 Resp: 37781
Ion Ratio Lower Upper
56 100
69 34.7 28.6 43.0
84 93.5 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 23.906 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 97 Resp: 50150
Ion Ratio Lower Upper
97 100
99 63.2 52.0 78.0
61 42.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 56.126 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

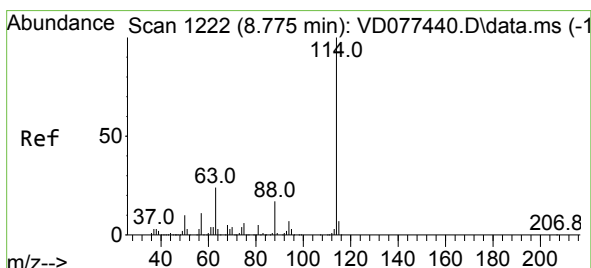
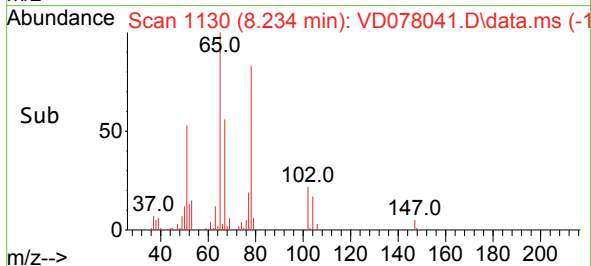
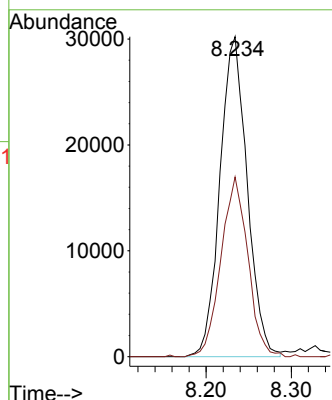
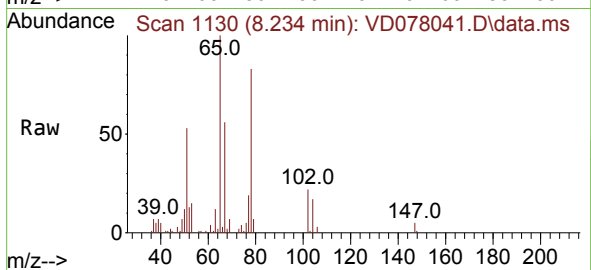
ClientSampleId :

Tgt Ion: 65 Resp: 67213

Ion Ratio Lower Upper

65 100

67 55.4 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: VD078041.D

Acq: 21 Dec 2023 23:49

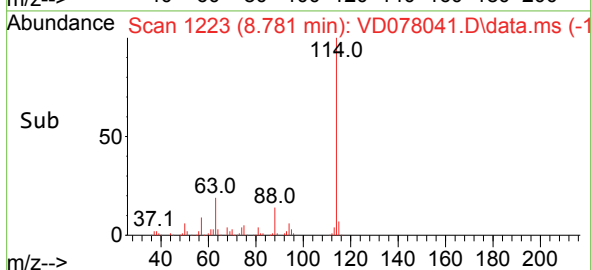
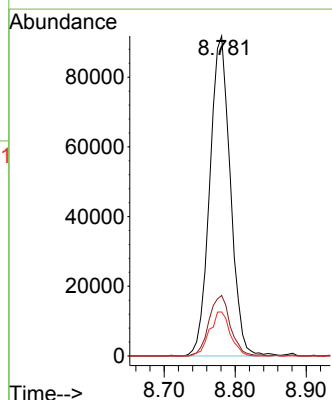
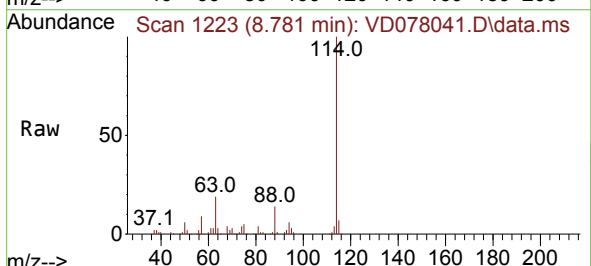
Tgt Ion: 114 Resp: 184647

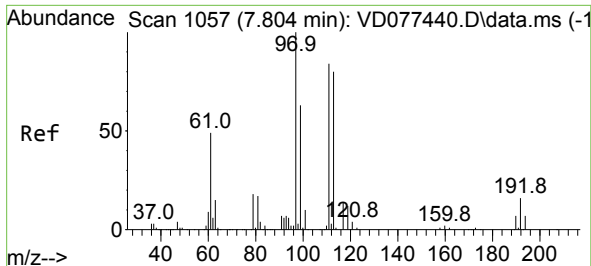
Ion Ratio Lower Upper

114 100

63 18.9 0.0 33.4

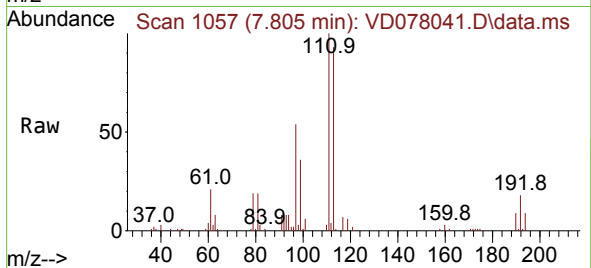
88 13.7 0.0 26.2



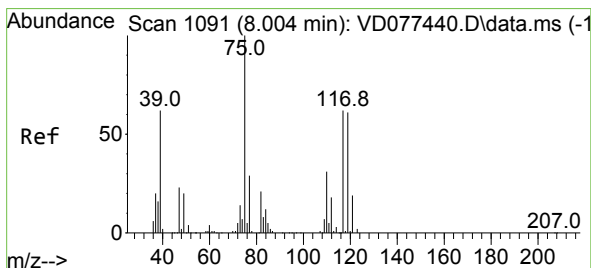
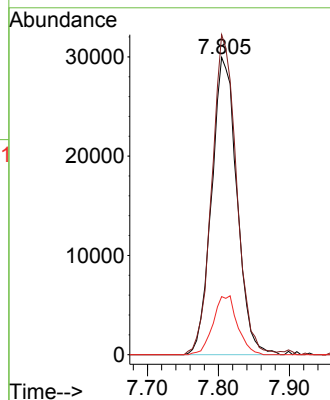
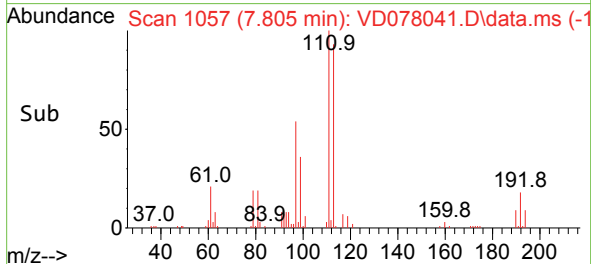


#35
Dibromofluoromethane
Concen: 57.087 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Instrument :
MSVOA_D
ClientSampleId :

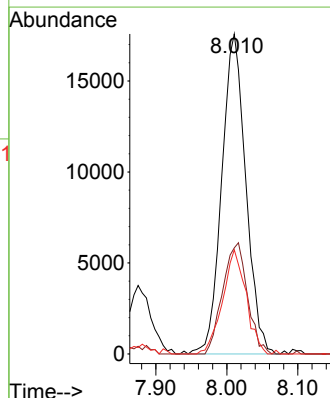
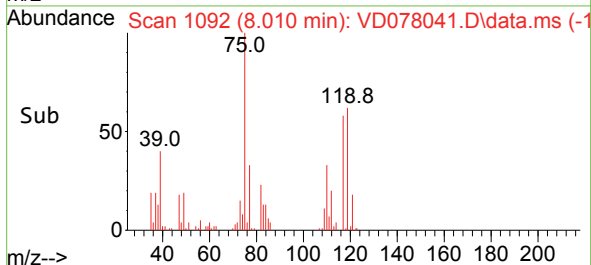
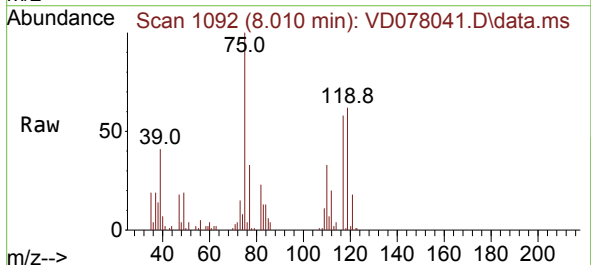


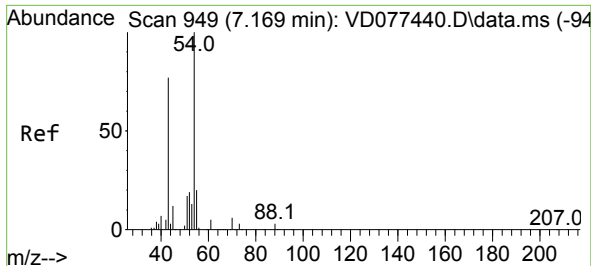
Tgt Ion:113 Resp: 73835
Ion Ratio Lower Upper
113 100
111 105.0 84.7 127.1
192 19.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.993 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

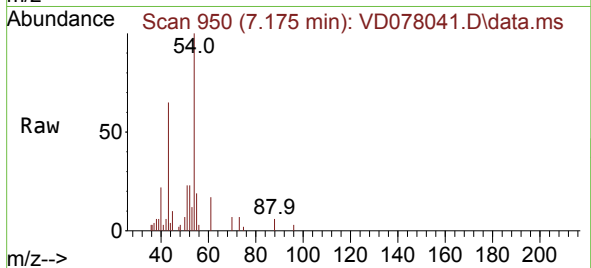
Tgt Ion: 75 Resp: 41362
Ion Ratio Lower Upper
75 100
110 35.7 19.9 59.6
77 31.7 24.7 37.1



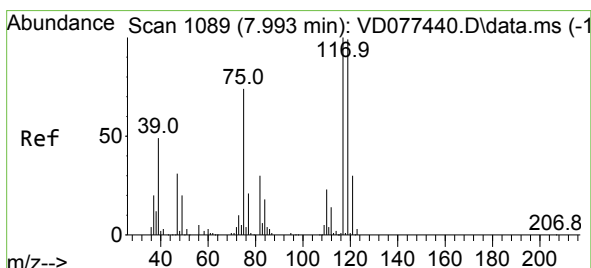
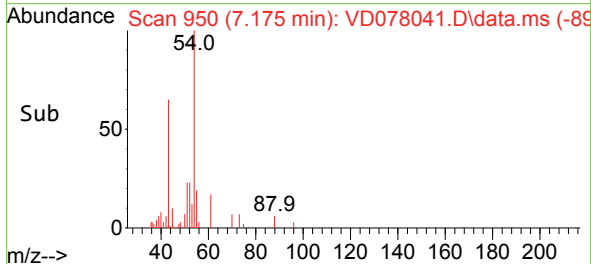
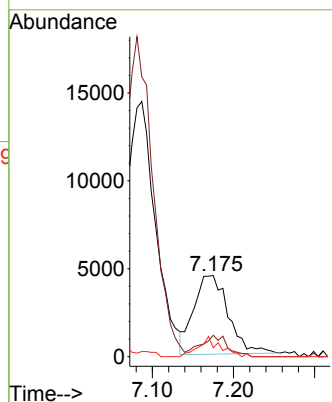


#37
Ethyl Acetate
Concen: 16.430 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Instrument :
MSVOA_D
ClientSampleId :

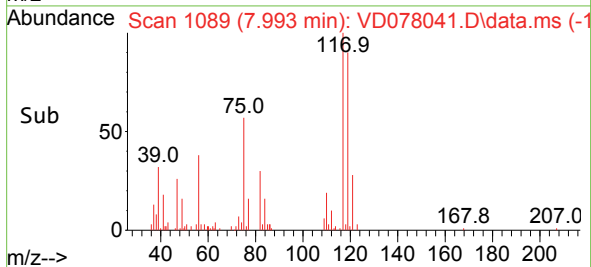
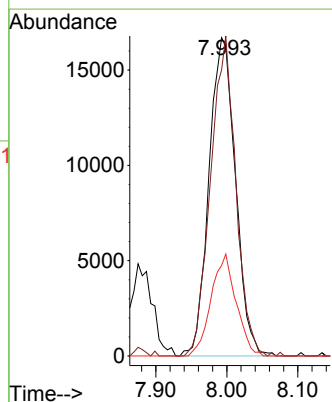
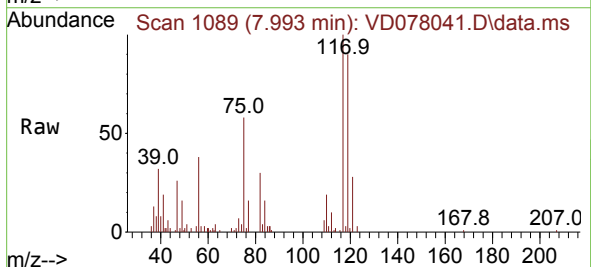


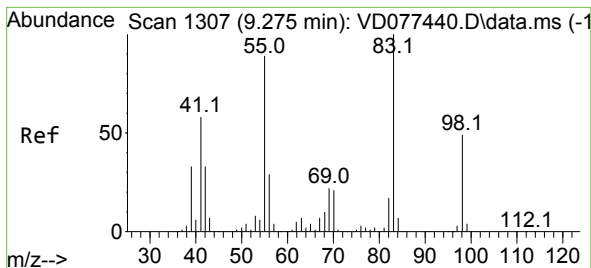
Tgt Ion: 43 Resp: 13254
Ion Ratio Lower Upper
43 100
61 21.2 14.9 22.3
70 16.1 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 20.953 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 117 Resp: 43215
Ion Ratio Lower Upper
117 100
119 90.0 78.0 117.0
121 28.5 24.2 36.2





#39

Methylcyclohexane

Concen: 16.935 ug/l

RT: 9.275 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

ClientSampleId :

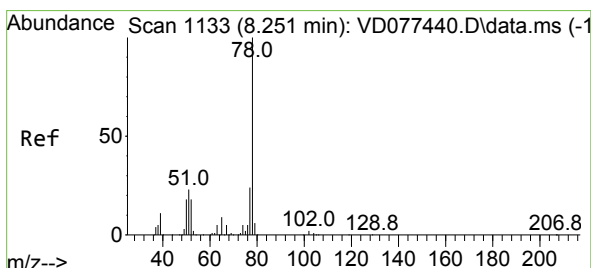
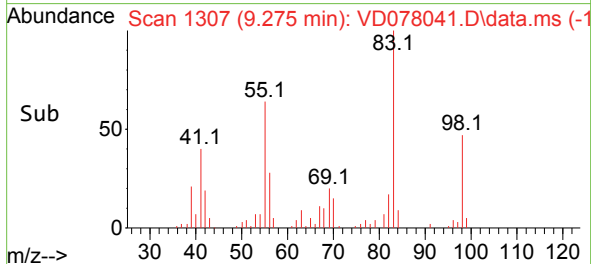
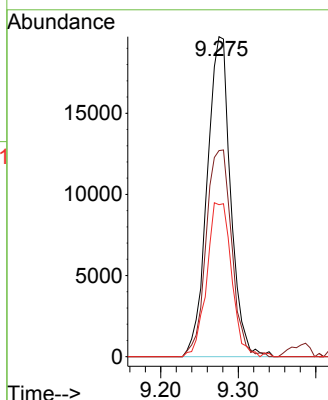
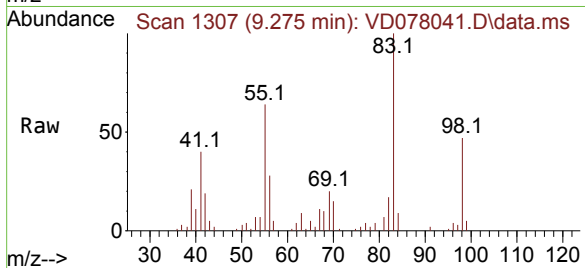
Tgt Ion: 83 Resp: 41534

Ion Ratio Lower Upper

83 100

55 64.4 49.4 74.0

98 47.5 38.4 57.6



#40

Benzene

Concen: 21.930 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD078041.D

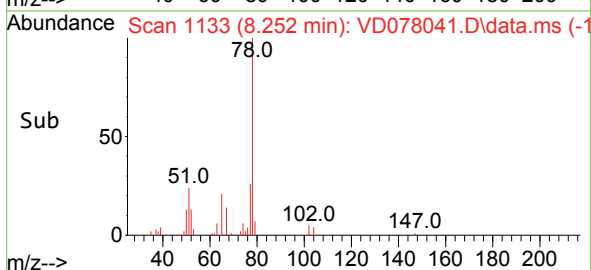
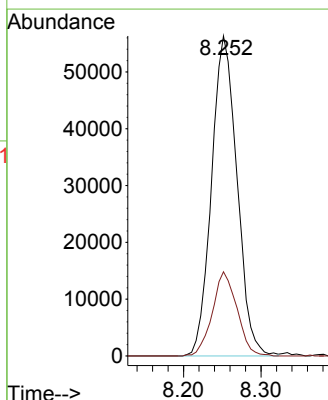
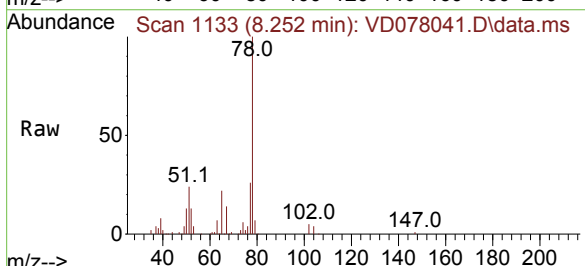
Acq: 21 Dec 2023 23:49

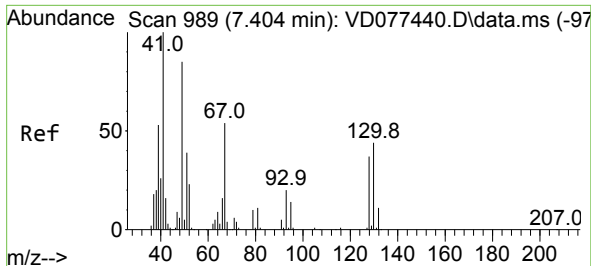
Tgt Ion: 78 Resp: 128772

Ion Ratio Lower Upper

78 100

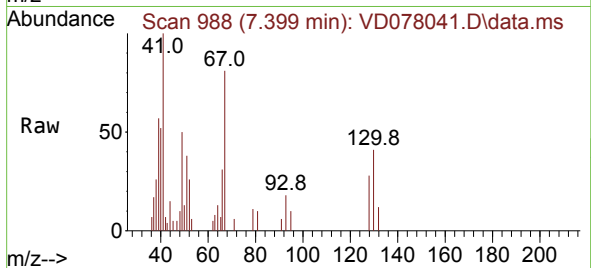
77 26.3 19.4 29.0



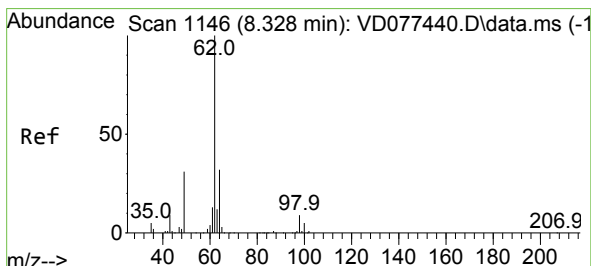
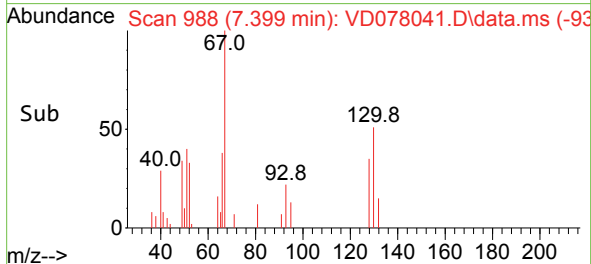
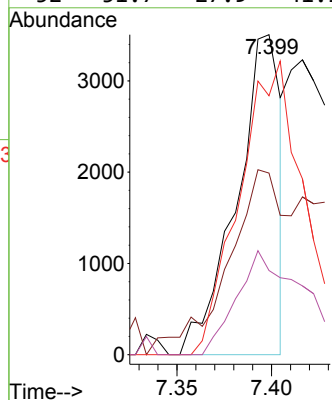


#41
Methacrylonitrile
Concen: 13.968 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Instrument :
MSVOA_D
ClientSampleId :

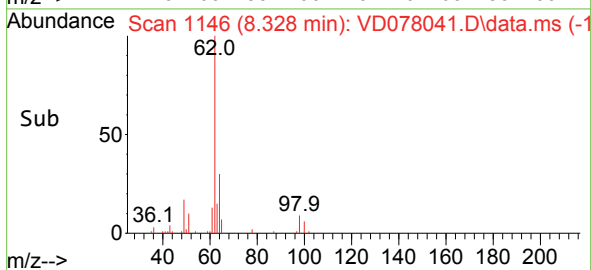
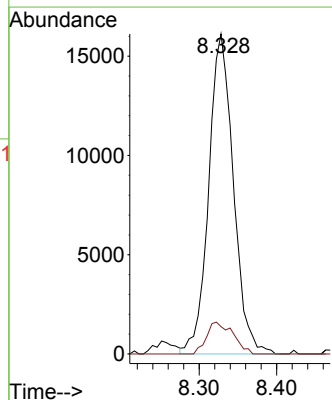
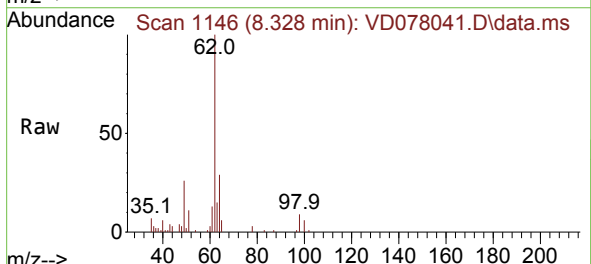


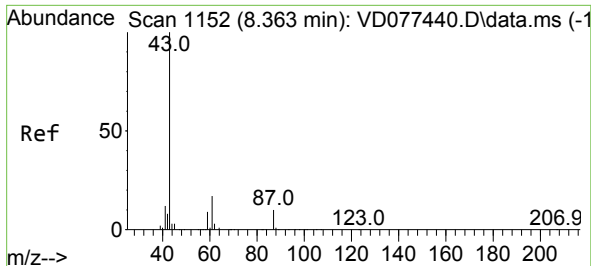
Tgt Ion: 41 Resp: 5727
Ion Ratio Lower Upper
41 100
39 67.9 34.0 51.0#
67 133.5 77.0 115.4#
52 51.7 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 23.439 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 62 Resp: 35676
Ion Ratio Lower Upper
62 100
98 10.6 0.0 25.4

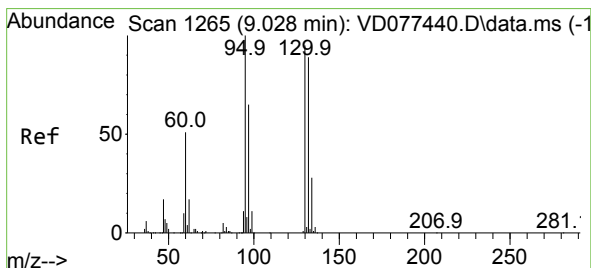
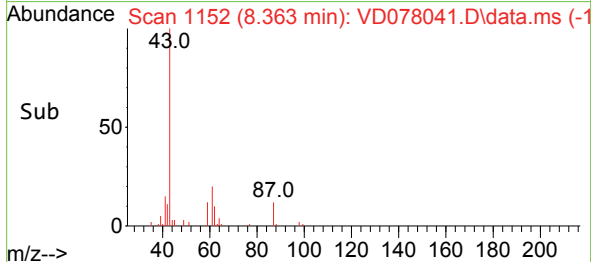
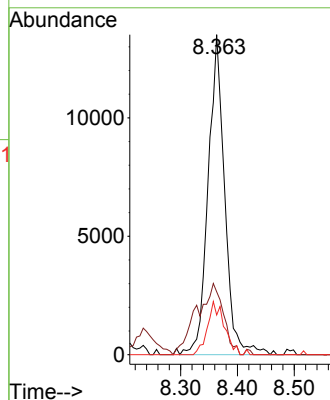
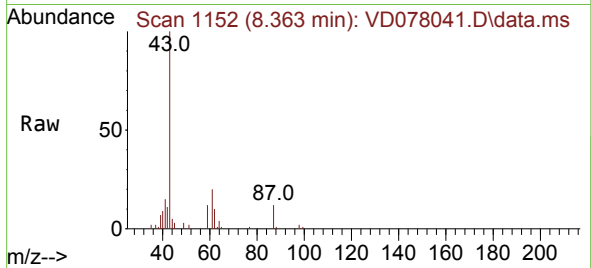




#43
Isopropyl Acetate
Concen: 19.067 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

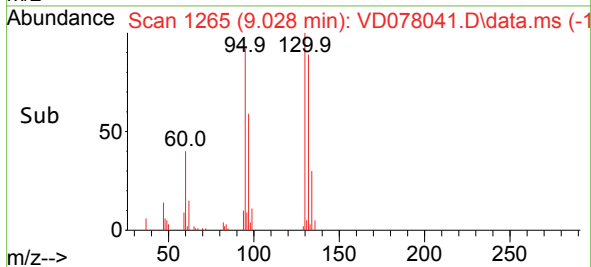
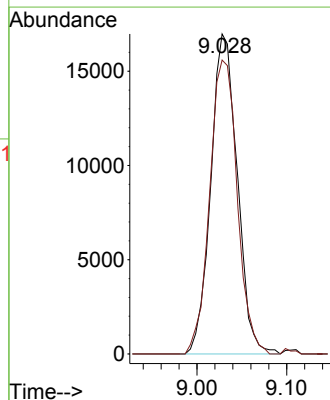
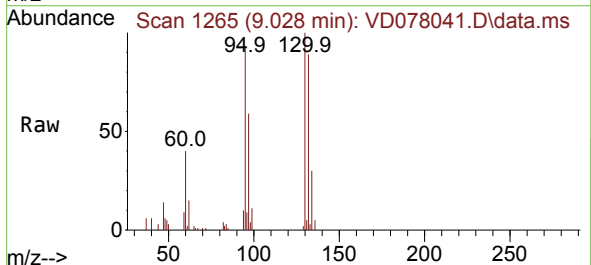
Instrument :
MSVOA_D
ClientSampleId :

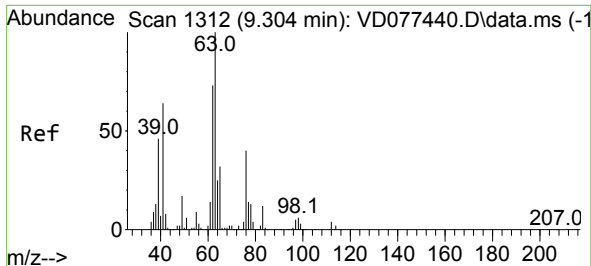
Tgt Ion: 43 Resp: 27342
Ion Ratio Lower Upper
43 100
61 24.4 31.4 47.0#
87 16.7 14.9 22.3



#44
Trichloroethene
Concen: 22.704 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion:130 Resp: 34741
Ion Ratio Lower Upper
130 100
95 91.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 22.805 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

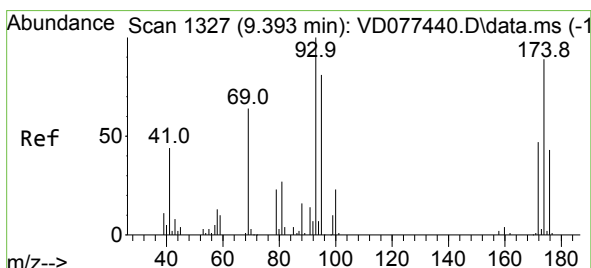
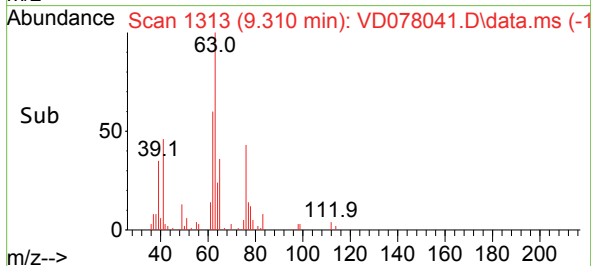
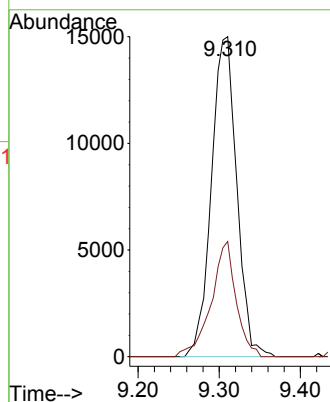
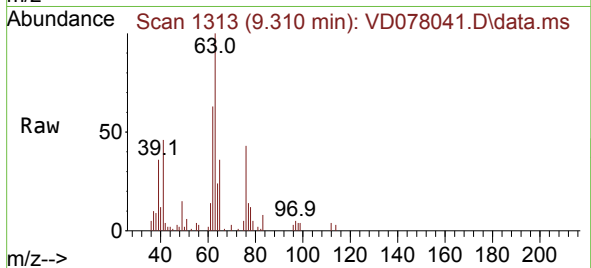
ClientSampleId :

Tgt Ion: 63 Resp: 32552

Ion Ratio Lower Upper

63 100

65 36.0 24.5 36.7



#46

Dibromomethane

Concen: 23.578 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

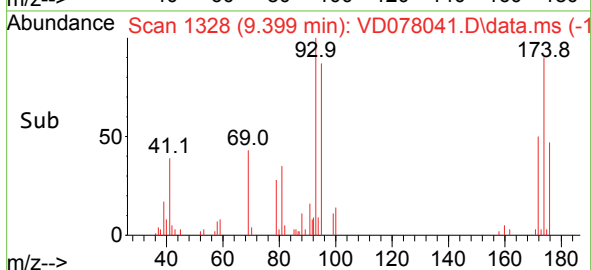
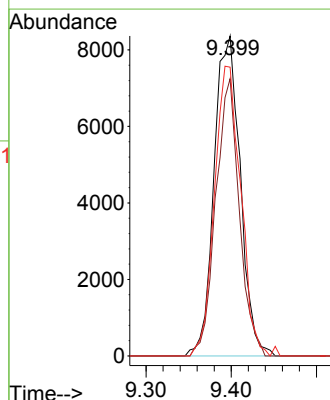
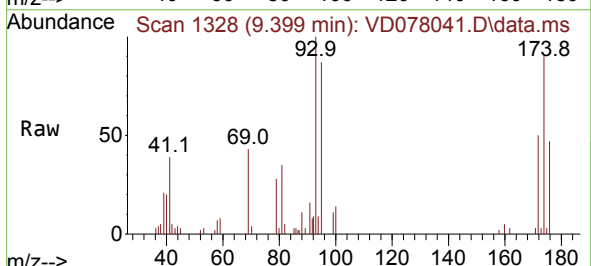
Tgt Ion: 93 Resp: 17808

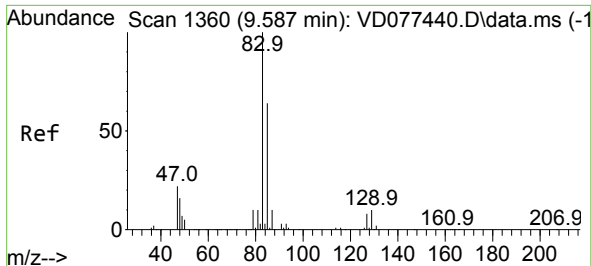
Ion Ratio Lower Upper

93 100

95 78.3 67.7 101.5

174 90.8 85.4 128.2

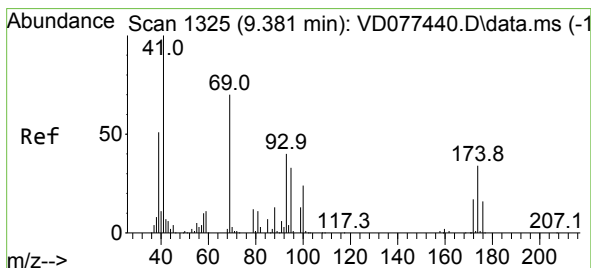
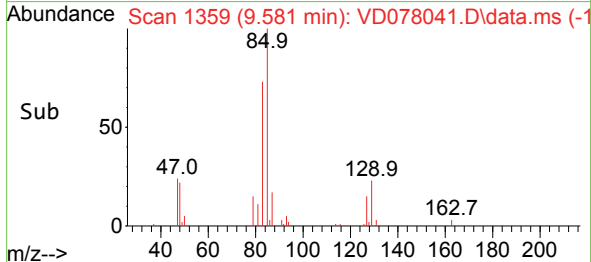
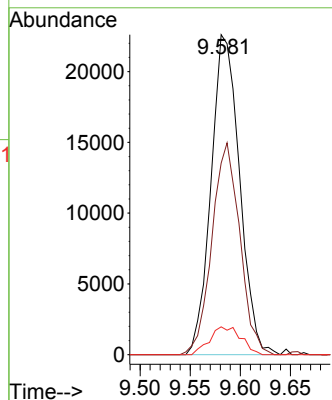
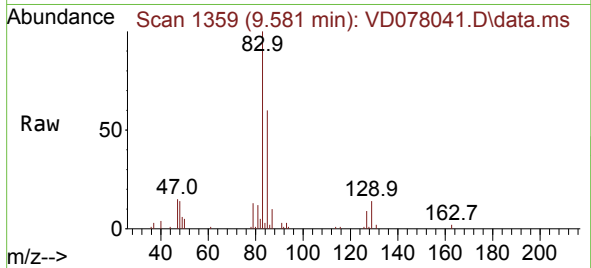




#47
Bromodichloromethane
Concen: 23.366 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

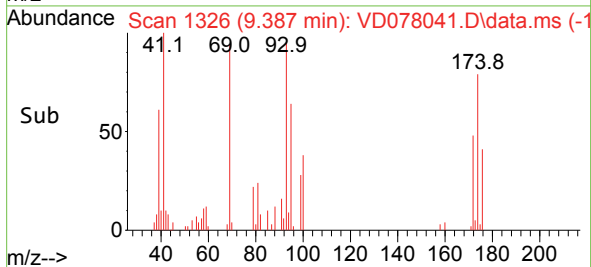
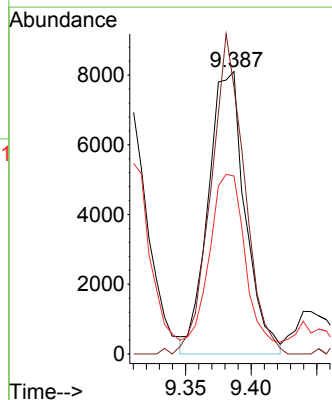
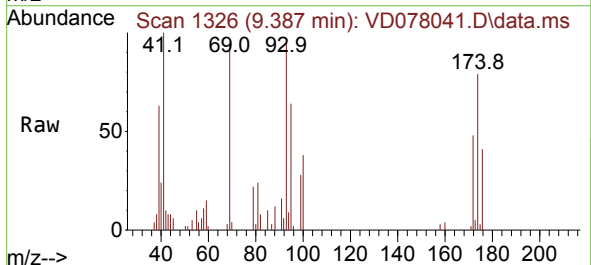
Instrument :
MSVOA_D
ClientSampleId :

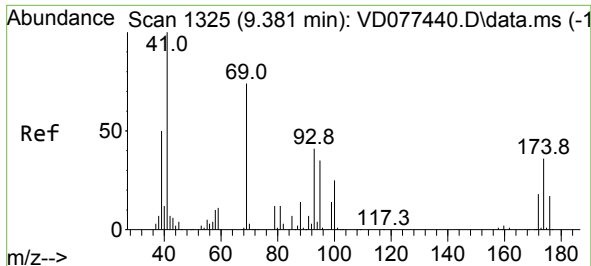
Tgt Ion: 83 Resp: 44730
Ion Ratio Lower Upper
83 100
85 59.9 50.2 75.4
127 8.7 6.3 9.5



#48
Methyl methacrylate
Concen: 19.518 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 41 Resp: 15910
Ion Ratio Lower Upper
41 100
69 102.5 102.2 153.2
39 61.9 41.4 62.2





#49

1,4-Dioxane

Concen: 334.152 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.000 min

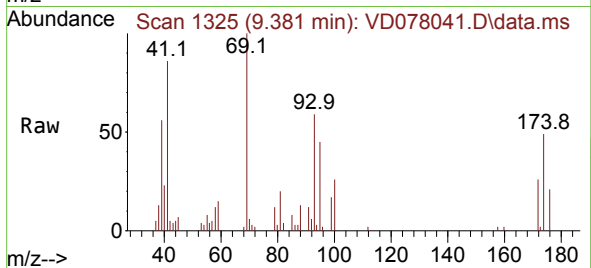
Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

ClientSampleId :



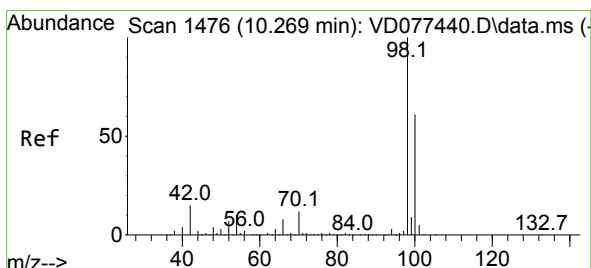
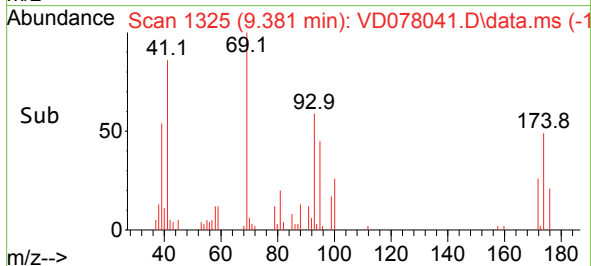
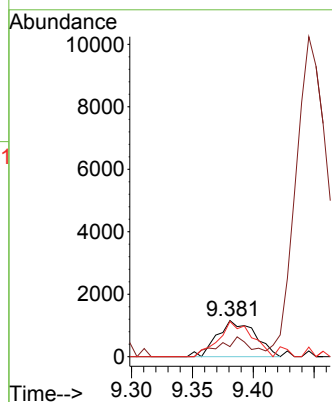
Tgt Ion: 88 Resp: 2506

Ion Ratio Lower Upper

88 100

43 46.6 19.0 28.6#

58 85.2 43.5 65.3#



#50

Toluene-d8

Concen: 55.033 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078041.D

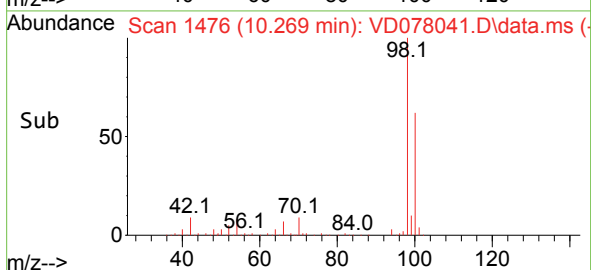
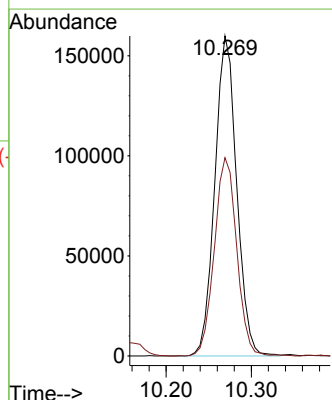
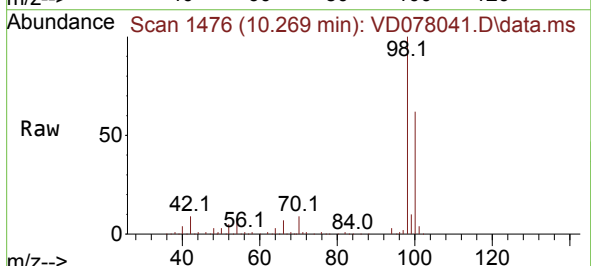
Acq: 21 Dec 2023 23:49

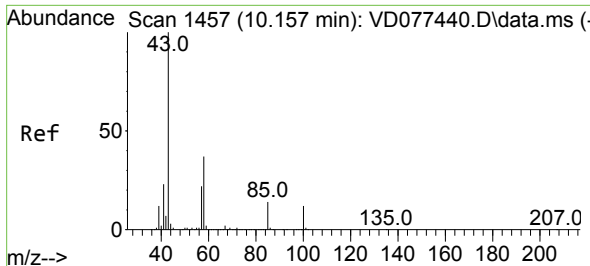
Tgt Ion: 98 Resp: 285082

Ion Ratio Lower Upper

98 100

100 63.5 50.3 75.5

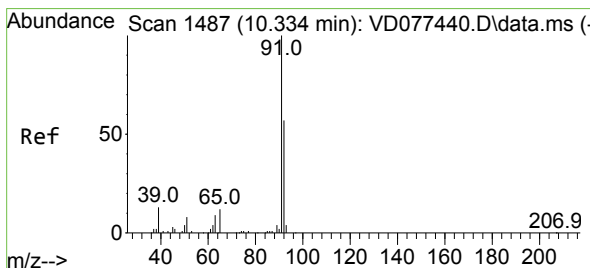
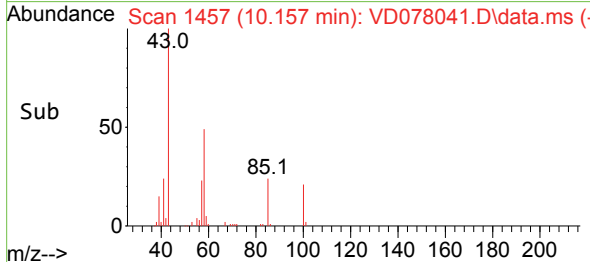
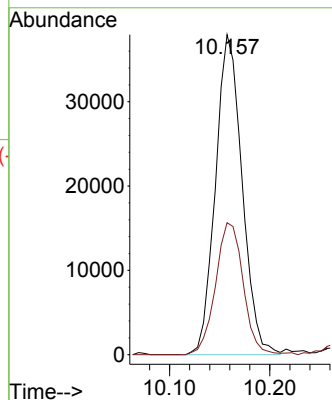
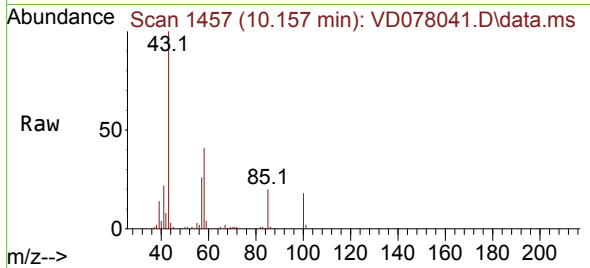




#51
4-Methyl-2-Pentanone
Concen: 95.448 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

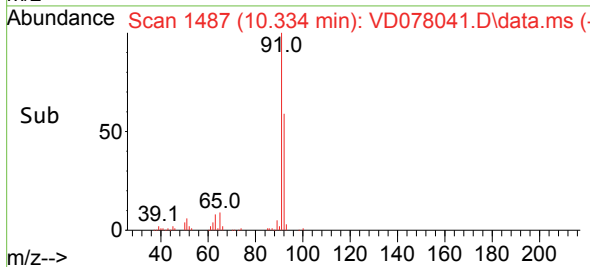
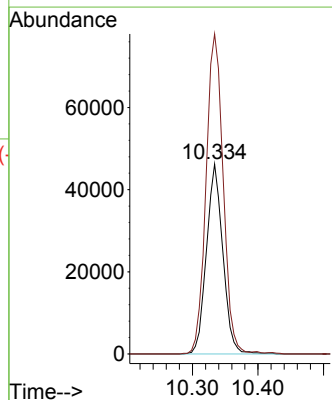
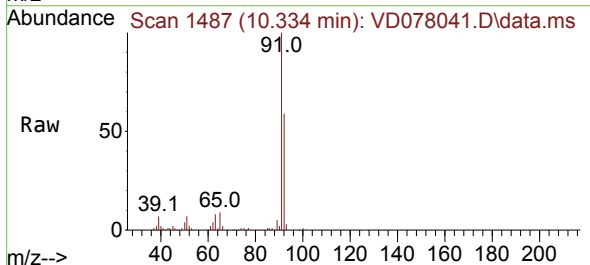
Instrument :
MSVOA_D
ClientSampleId :

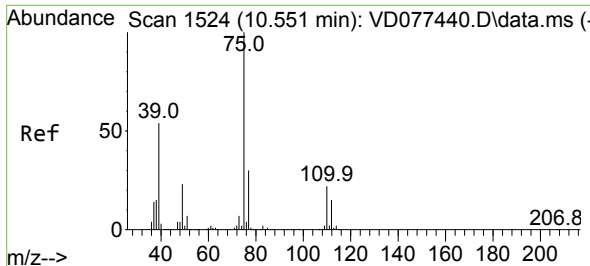
Tgt Ion: 43 Resp: 69854
Ion Ratio Lower Upper
43 100
58 42.9 38.9 58.3



#52
Toluene
Concen: 22.119 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 92 Resp: 80564
Ion Ratio Lower Upper
92 100
91 175.3 143.0 214.4

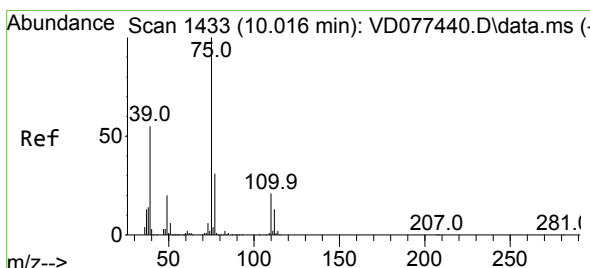
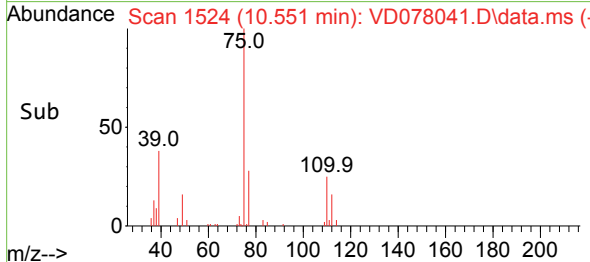
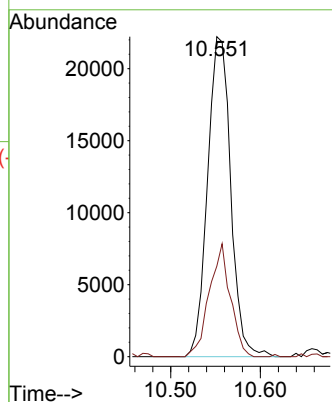
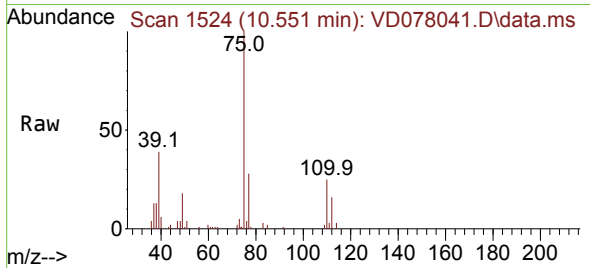




#53
t-1,3-Dichloropropene
Concen: 21.615 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

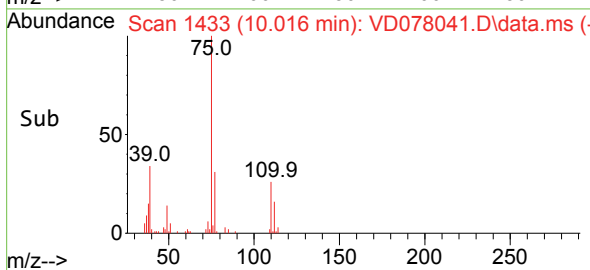
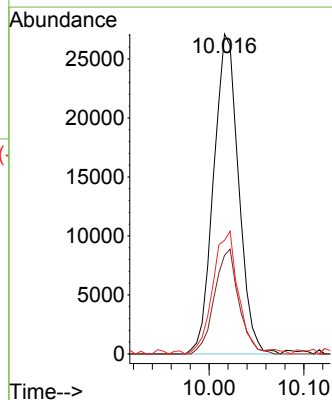
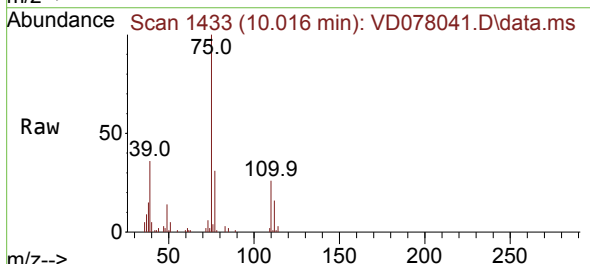
Instrument :
MSVOA_D
ClientSampleId :

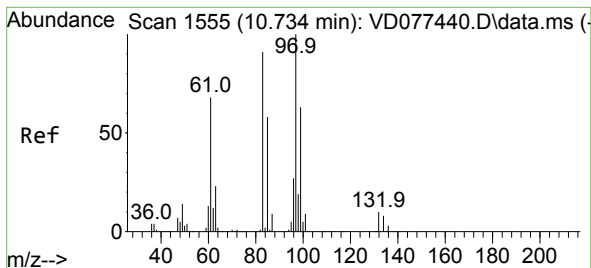
Tgt Ion: 75 Resp: 39736
Ion Ratio Lower Upper
75 100
77 28.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 22.330 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 75 Resp: 49631
Ion Ratio Lower Upper
75 100
77 30.8 25.5 38.3
39 34.6 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 23.476 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 24253

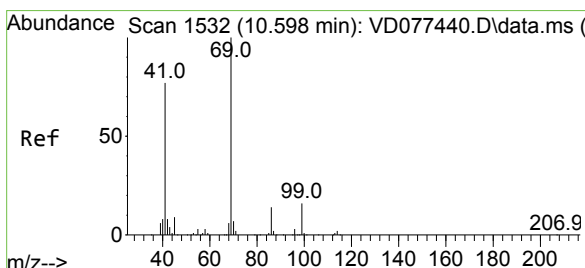
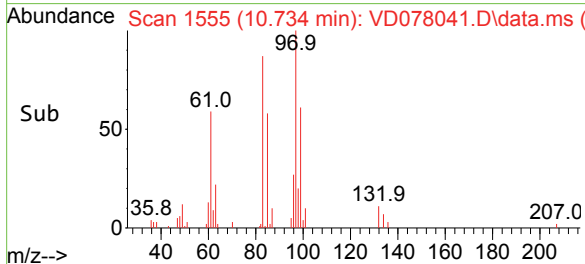
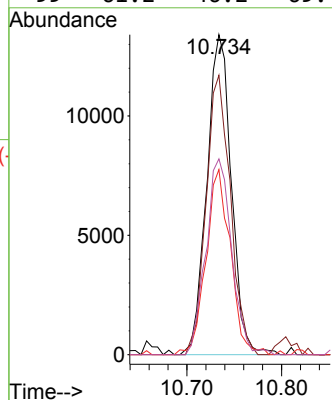
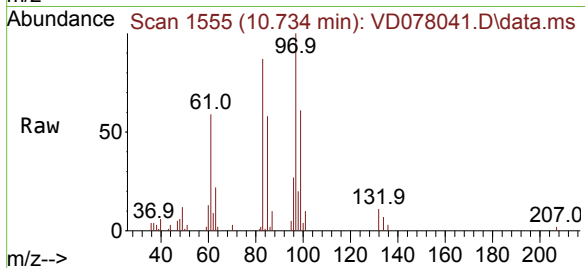
Ion Ratio Lower Upper

97 100

83 87.3 65.8 98.6

85 56.7 45.7 68.5

99 61.2 46.2 69.4



#56

Ethyl methacrylate

Concen: 19.968 ug/l

RT: 10.593 min Scan# 1531

Delta R.T. -0.005 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

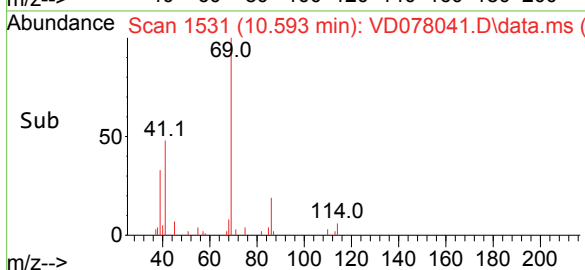
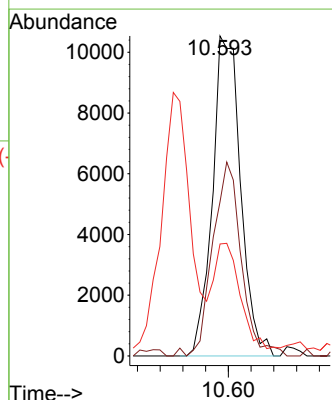
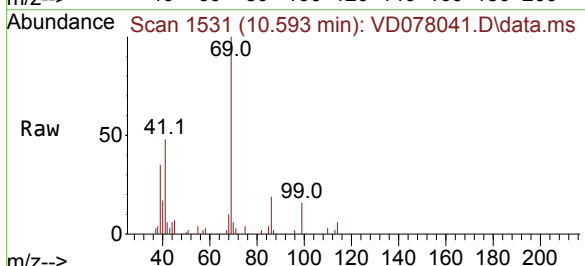
Tgt Ion: 69 Resp: 18185

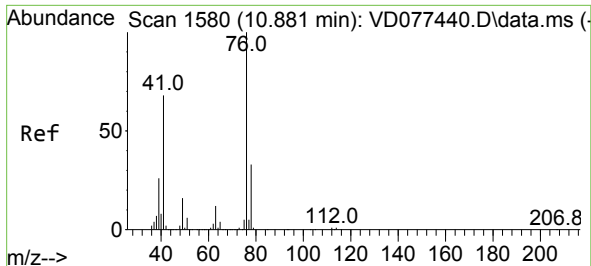
Ion Ratio Lower Upper

69 100

41 61.3 39.1 58.7#

39 33.8 20.0 30.0#

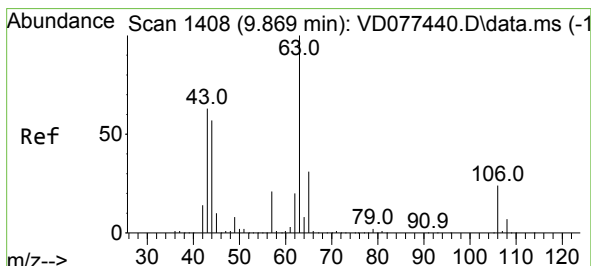
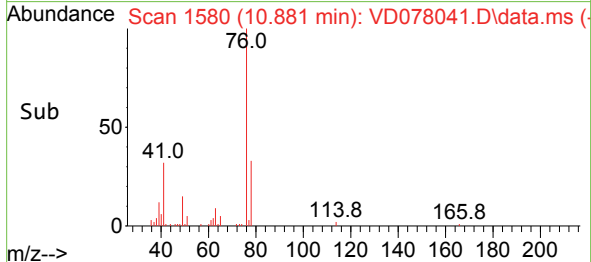
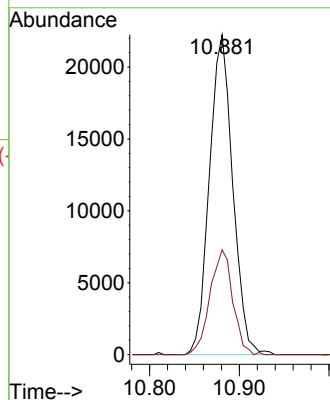
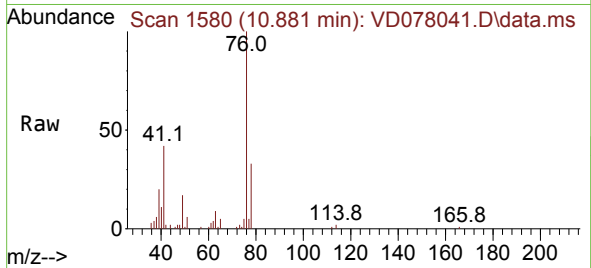




#57
1,3-Dichloropropane
Concen: 22.570 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

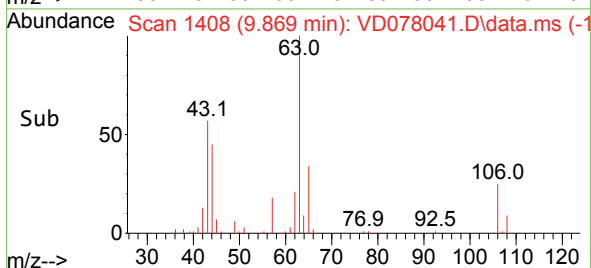
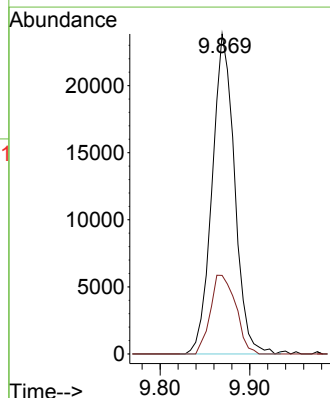
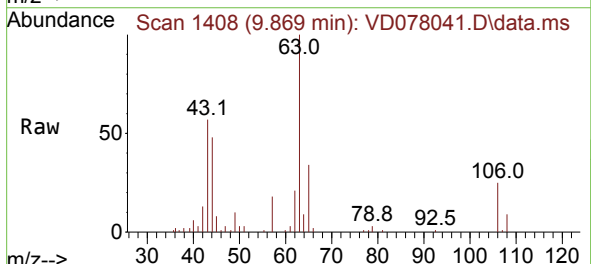
Instrument :
MSVOA_D
ClientSampleId :

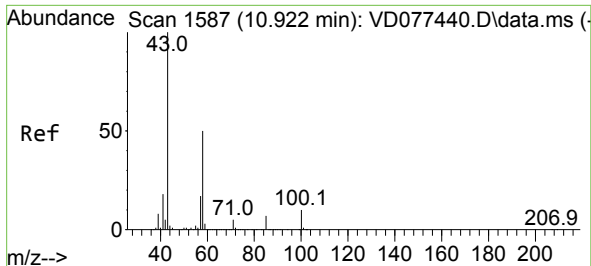
Tgt Ion: 76 Resp: 40192
Ion Ratio Lower Upper
76 100
78 32.0 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 79.834 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 63 Resp: 41462
Ion Ratio Lower Upper
63 100
106 27.7 25.3 37.9

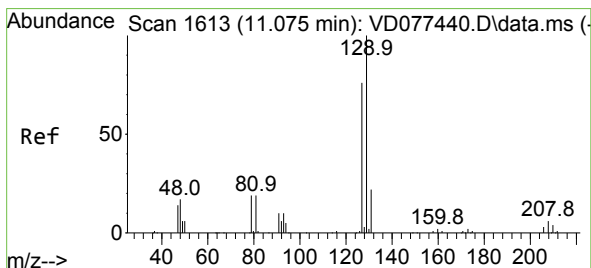
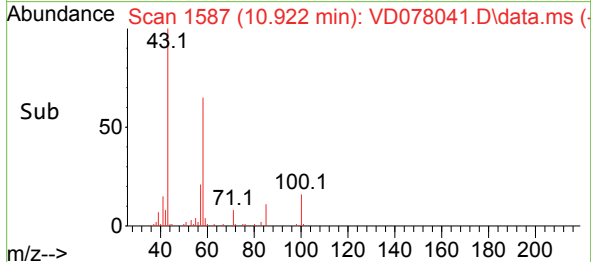
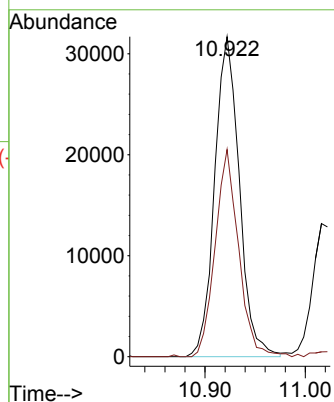
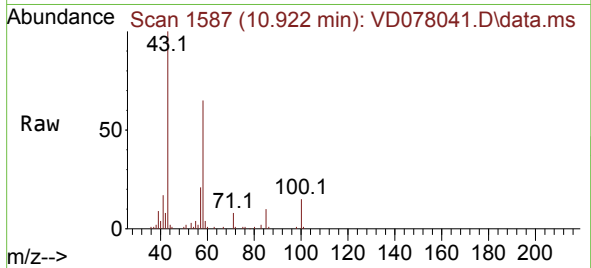




#59
2-Hexanone
Concen: 89.206 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

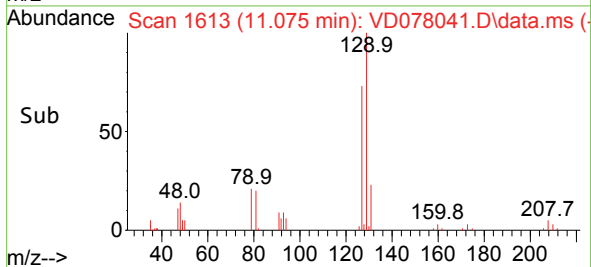
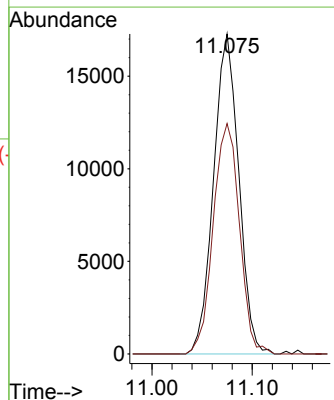
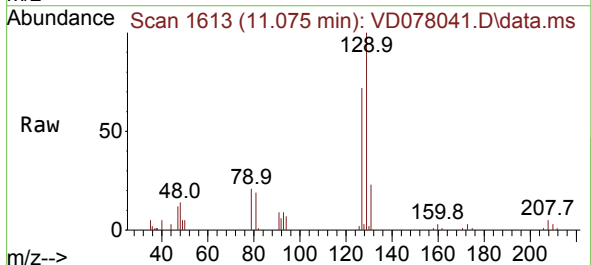
Instrument :
MSVOA_D
ClientSampleId :

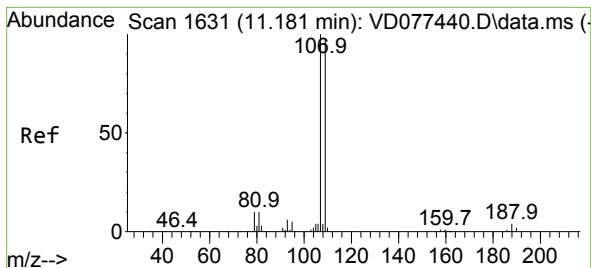
Tgt Ion: 43 Resp: 54164
Ion Ratio Lower Upper
43 100
58 61.4 34.1 102.2



#60
Dibromochloromethane
Concen: 24.254 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 129 Resp: 30168
Ion Ratio Lower Upper
129 100
127 74.9 37.1 111.5

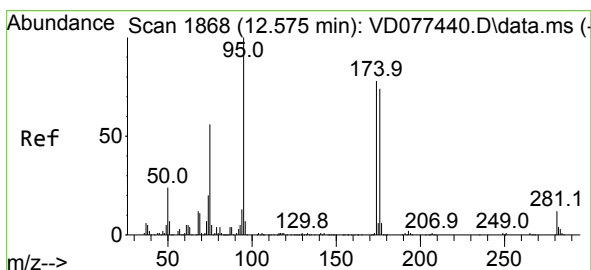
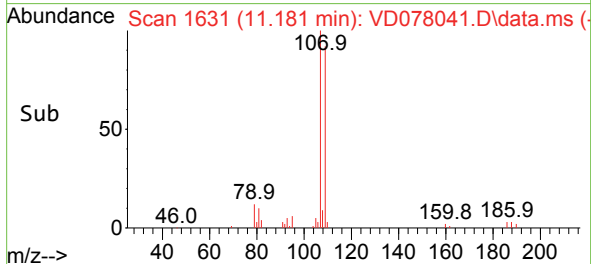
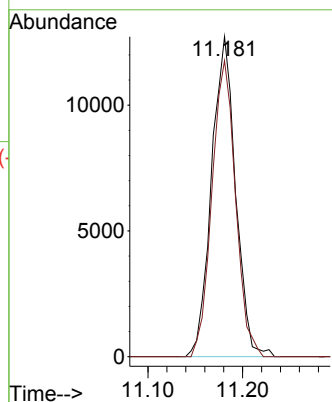
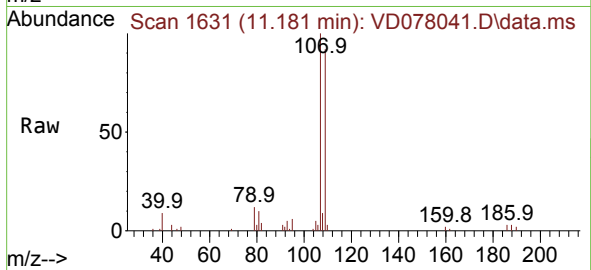




#61
1,2-Dibromoethane
Concen: 23.045 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

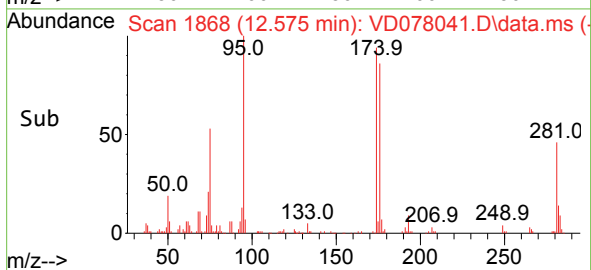
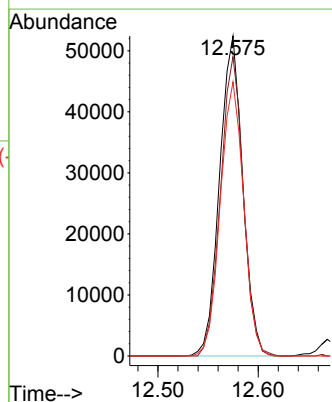
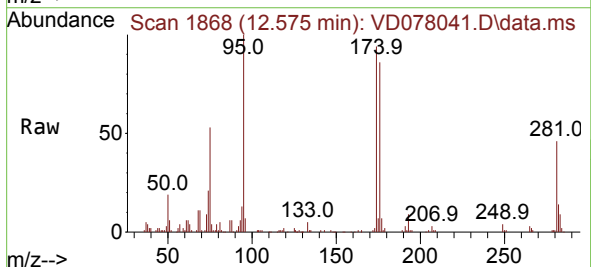
Instrument :
MSVOA_D
ClientSampleId :

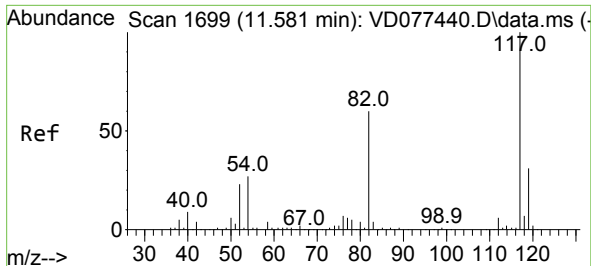
Tgt Ion:107 Resp: 22411
Ion Ratio Lower Upper
107 100
109 90.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.267 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 95 Resp: 84046
Ion Ratio Lower Upper
95 100
174 92.2 0.0 201.8
176 86.3 0.0 191.8

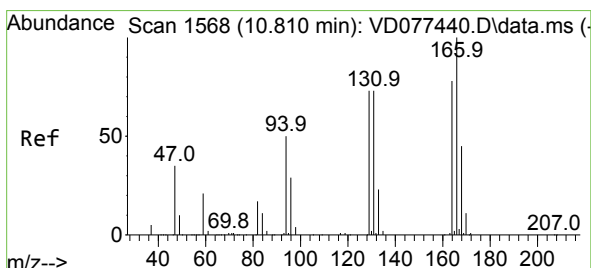
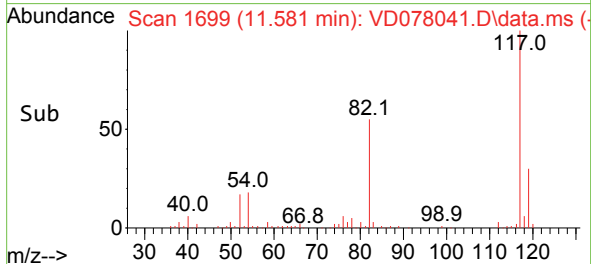
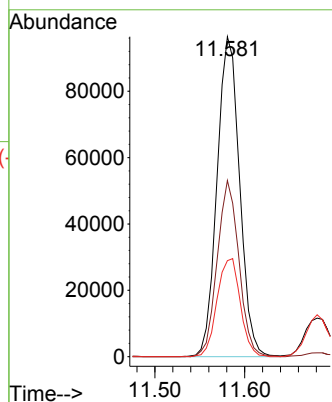
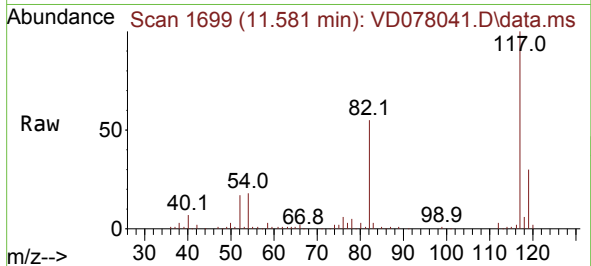




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

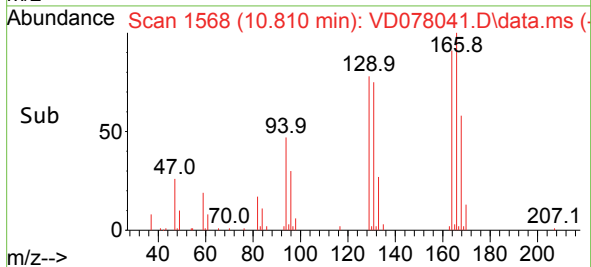
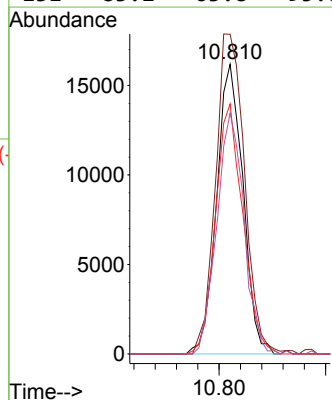
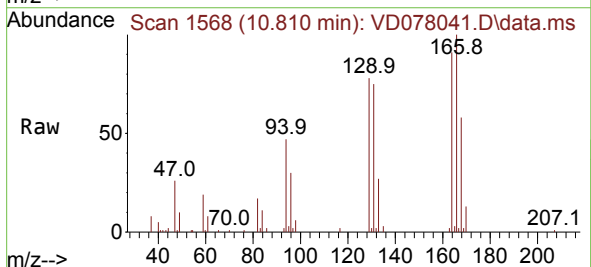
Instrument :
MSVOA_D
ClientSampleId :

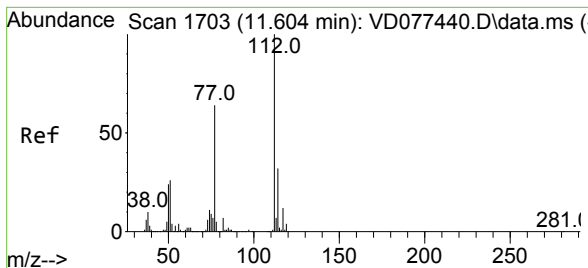
Tgt Ion:117 Resp: 168418
Ion Ratio Lower Upper
117 100
82 55.1 38.3 57.5
119 30.0 25.0 37.4



#64
Tetrachloroethene
Concen: 22.440 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion:164 Resp: 27777
Ion Ratio Lower Upper
164 100
166 110.3 99.2 148.8
129 86.3 68.4 102.6
131 83.2 63.8 95.8





#65

Chlorobenzene

Concen: 20.873 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

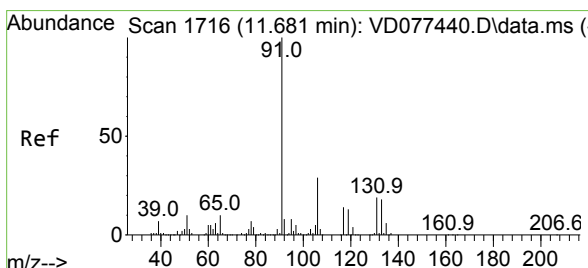
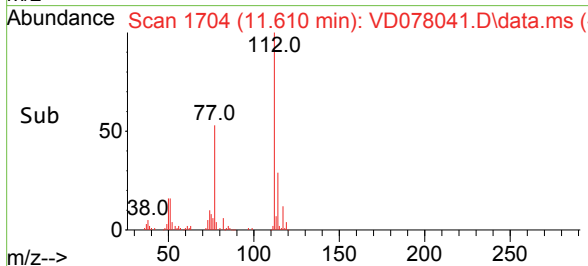
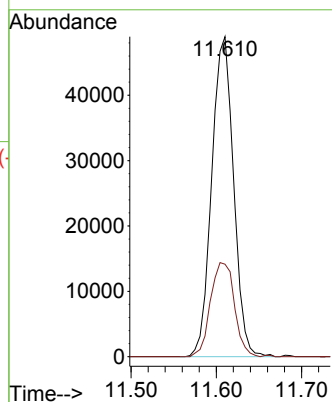
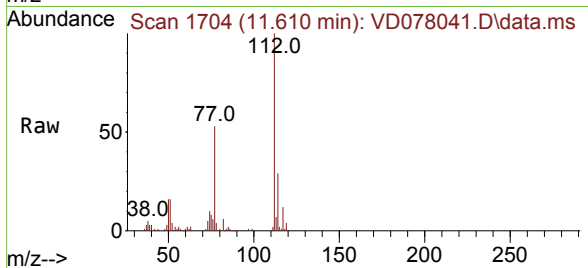
ClientSampleId :

Tgt Ion:112 Resp: 87164

Ion Ratio Lower Upper

112 100

114 28.9 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 23.518 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

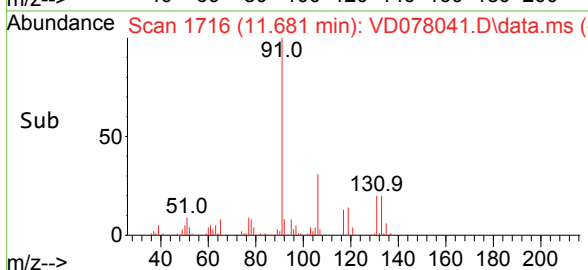
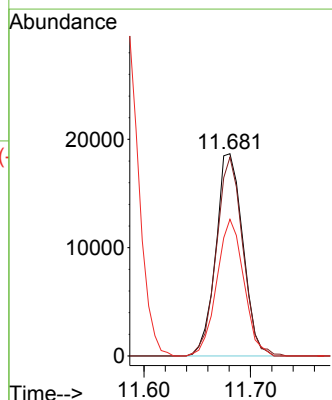
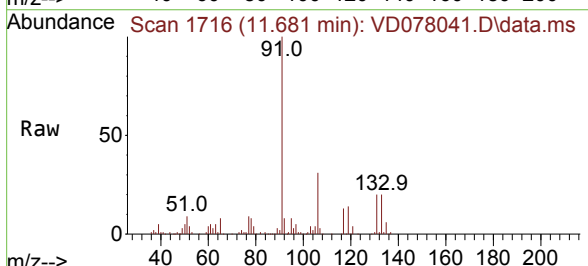
Tgt Ion:131 Resp: 32937

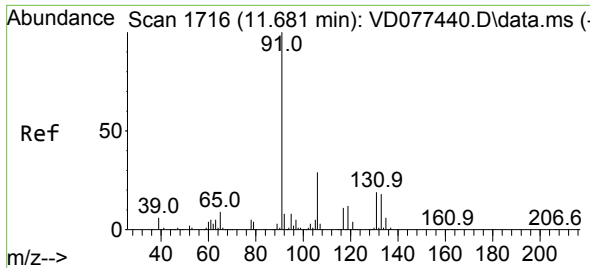
Ion Ratio Lower Upper

131 100

133 95.9 48.5 145.5

119 67.5 35.6 106.9

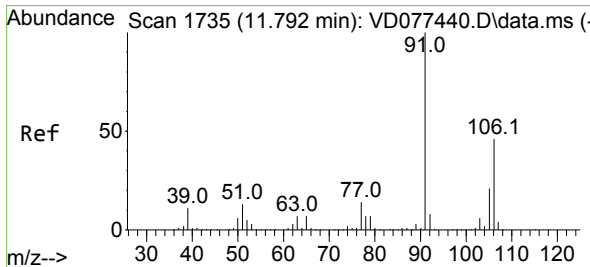
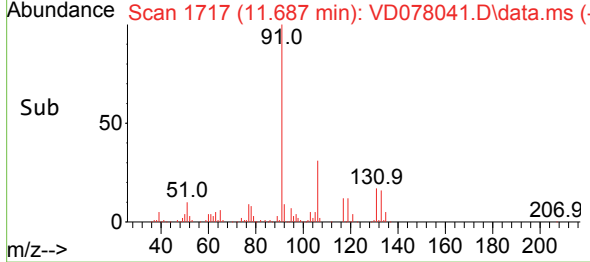
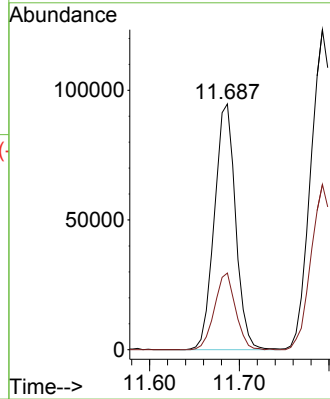
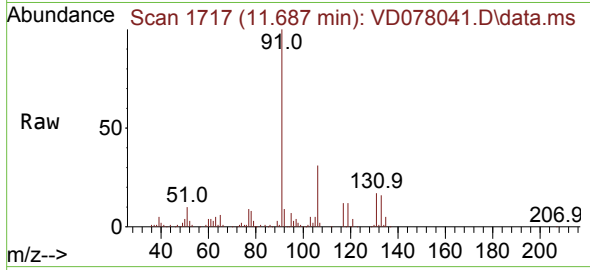




#67
Ethyl Benzene
Concen: 22.127 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

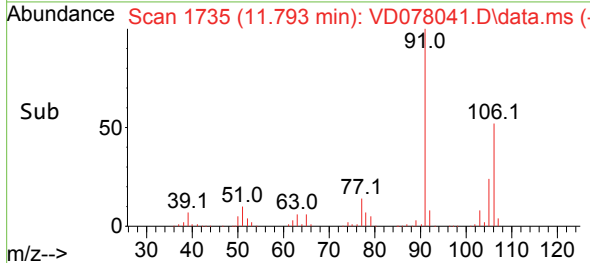
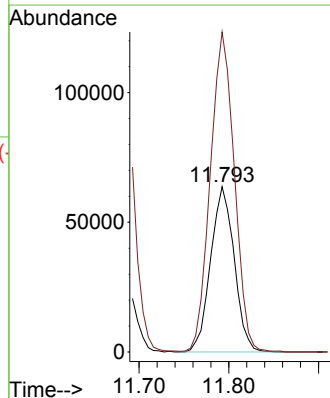
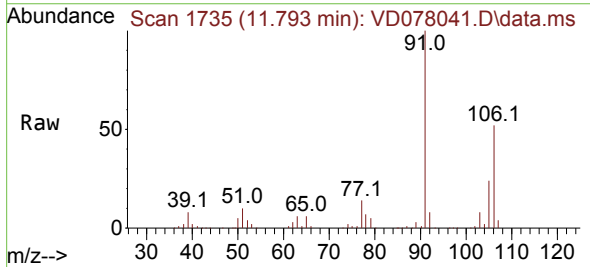
Instrument :
MSVOA_D
ClientSampleId :

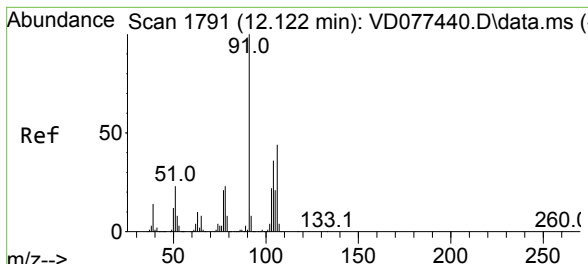
Tgt Ion: 91 Resp: 155152
Ion Ratio Lower Upper
91 100
106 31.2 26.5 39.7



#68
m/p-Xylenes
Concen: 43.331 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion:106 Resp: 116215
Ion Ratio Lower Upper
106 100
91 198.0 147.0 220.6

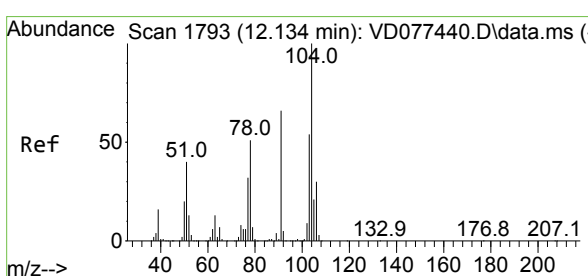
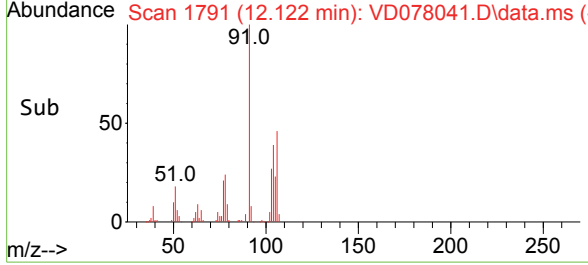
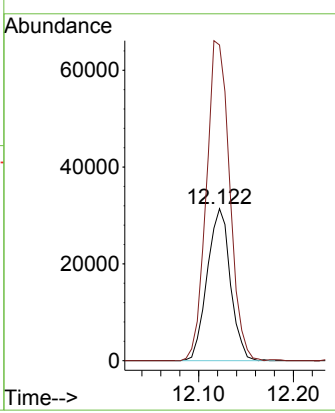
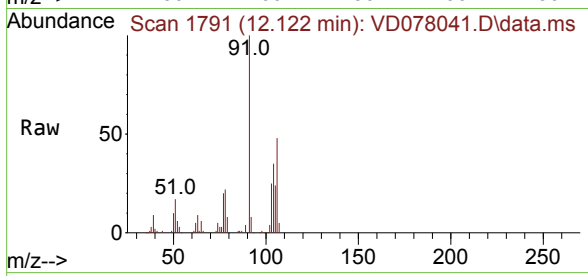




#69
o-Xylene
Concen: 21.598 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

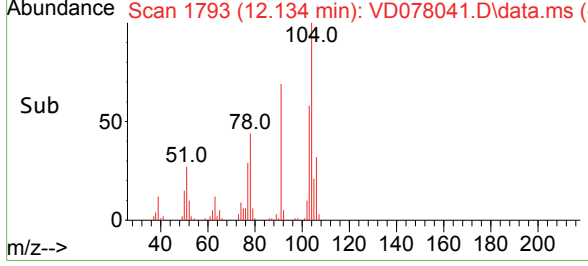
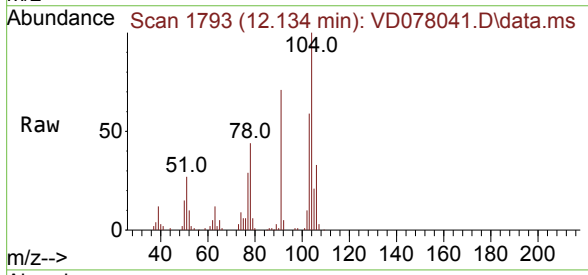
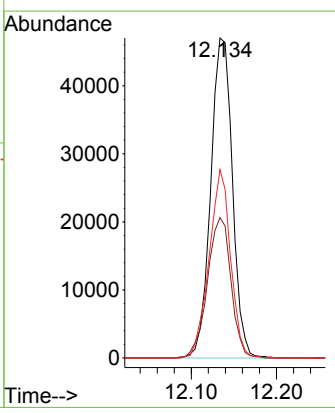
Instrument : MSVOA_D
ClientSampleId :

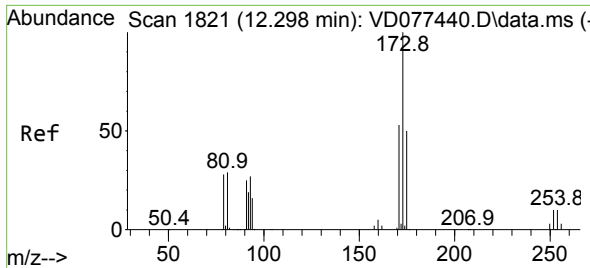
Tgt Ion:	106	Resp:	53386
Ion Ratio	Lower	Upper	
106	100		
91	212.2	97.9	293.6



#70
Styrene
Concen: 22.648 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion:	104	Resp:	83243
Ion Ratio	Lower	Upper	
104	100		
78	47.5	33.2	49.8
103	58.1	43.6	65.4

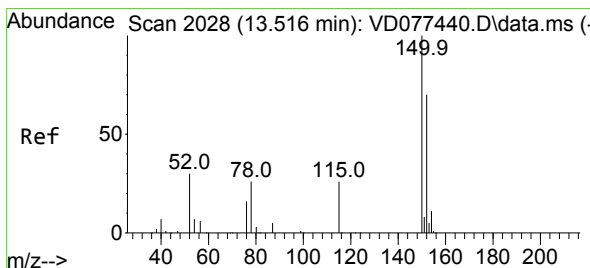
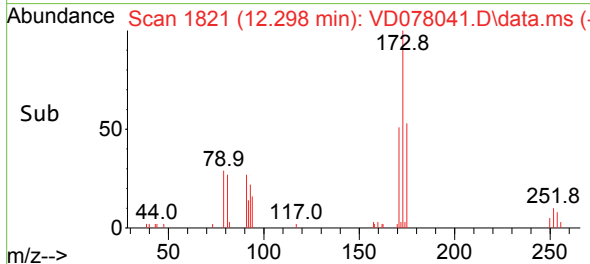
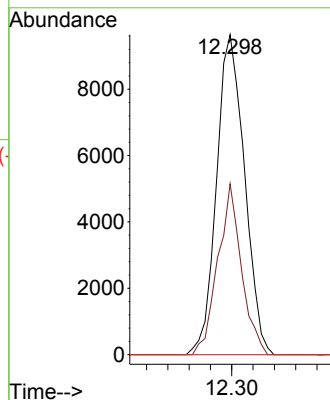
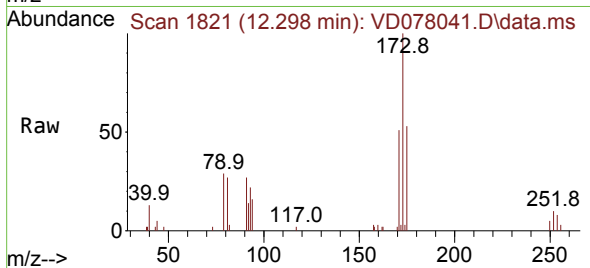




#71
Bromoform
Concen: 23.995 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

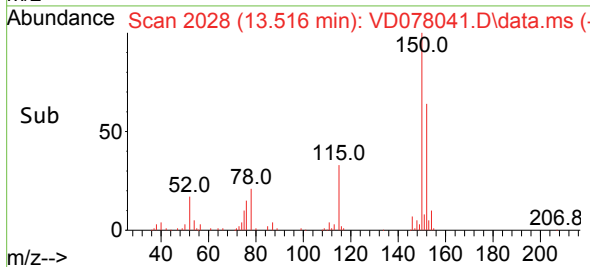
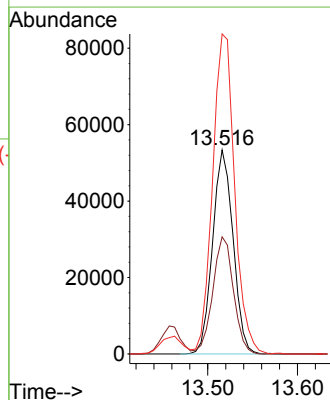
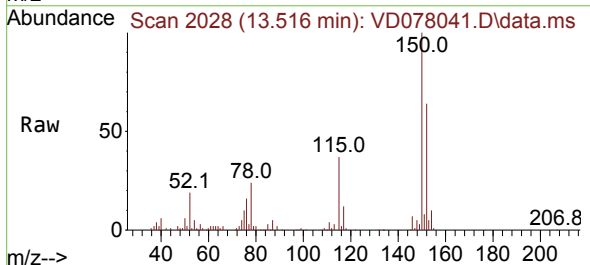
Instrument :
MSVOA_D
ClientSampleId :

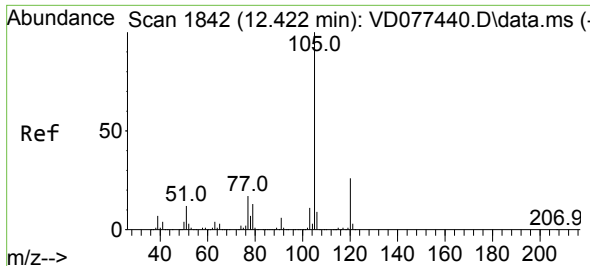
Tgt Ion:173 Resp: 17559
Ion Ratio Lower Upper
173 100
175 45.2 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

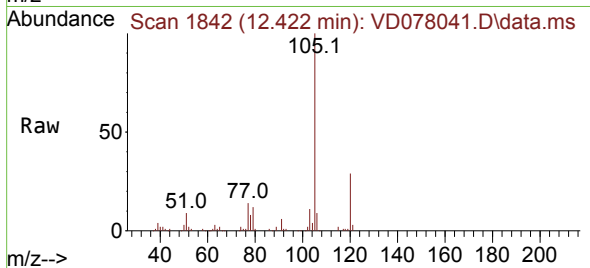
Tgt Ion:152 Resp: 84529
Ion Ratio Lower Upper
152 100
115 58.2 27.1 81.3
150 169.0 0.0 353.6



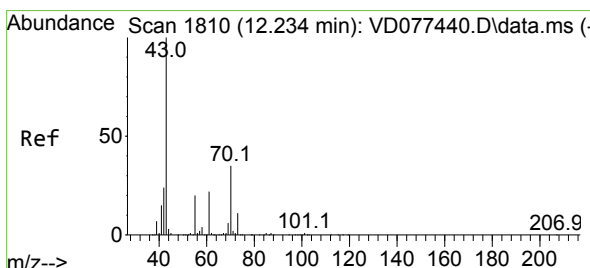
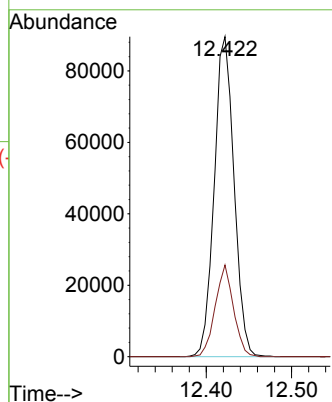
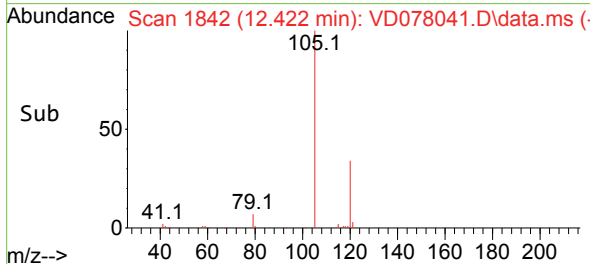


#73
Isopropylbenzene
Concen: 22.622 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

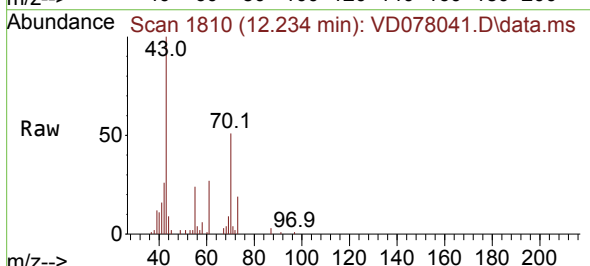
Instrument :
MSVOA_D
ClientSampleId :



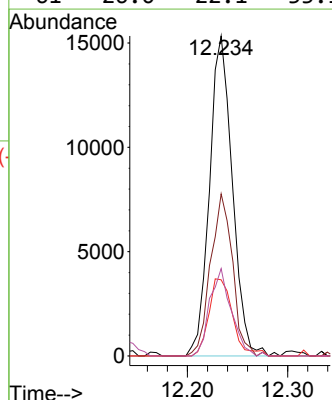
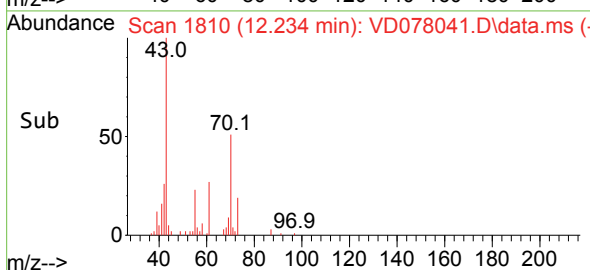
Tgt Ion:105 Resp: 144929
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9

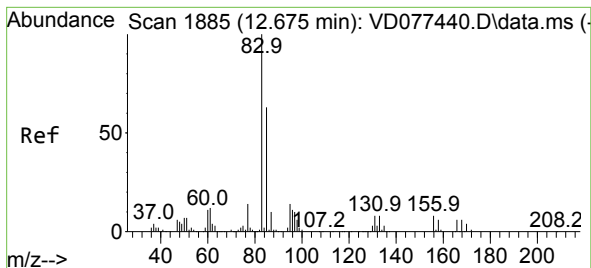


#74
N-ethyl acetate
Concen: 19.347 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49



Tgt Ion: 43 Resp: 24364
Ion Ratio Lower Upper
43 100
70 48.6 45.0 67.4
55 25.1 23.8 35.6
61 26.0 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 24.632 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

ClientSampleId :

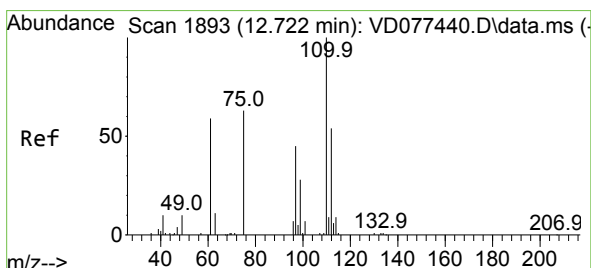
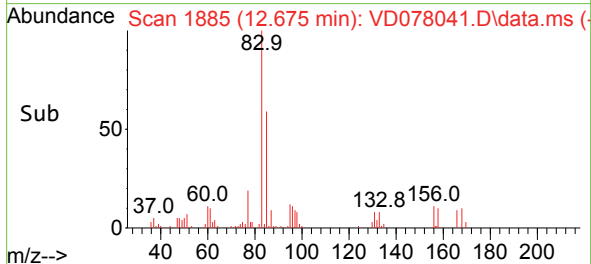
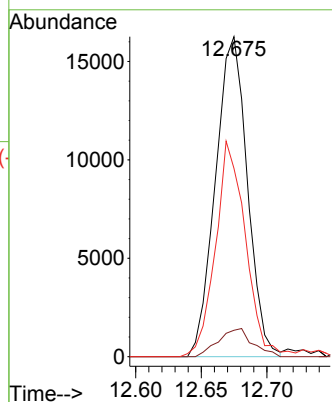
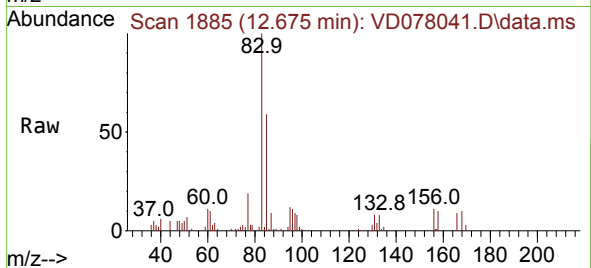
Tgt Ion: 83 Resp: 27516

Ion Ratio Lower Upper

83 100

131 9.4 5.1 15.3

85 63.4 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 45.061 ug/l

RT: 12.716 min Scan# 1892

Delta R.T. -0.006 min

Lab File: VD078041.D

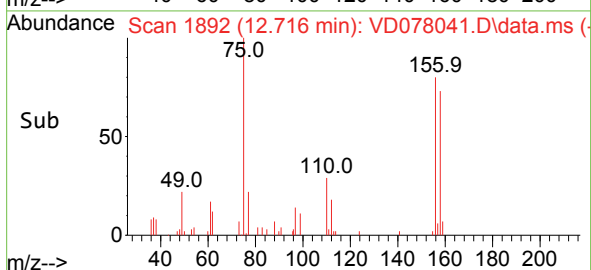
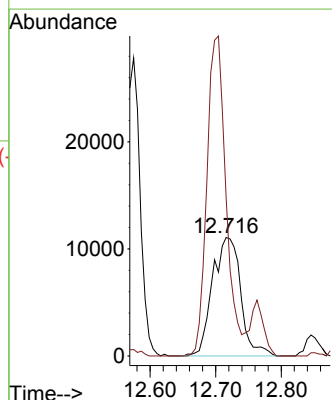
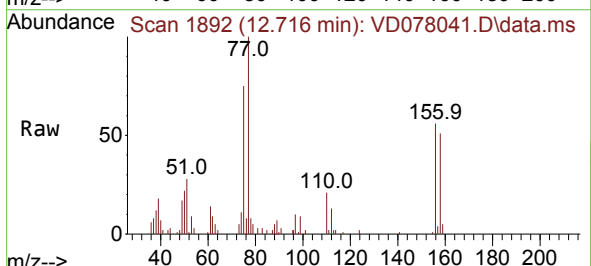
Acq: 21 Dec 2023 23:49

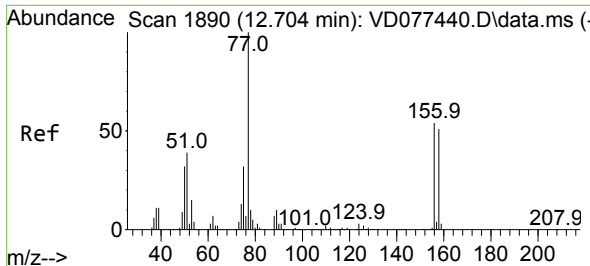
Tgt Ion: 75 Resp: 33081

Ion Ratio Lower Upper

75 100

77 181.8 0.0 0.0#

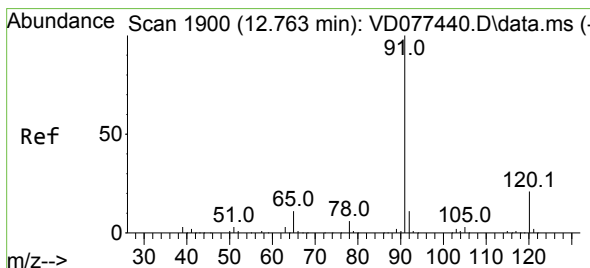
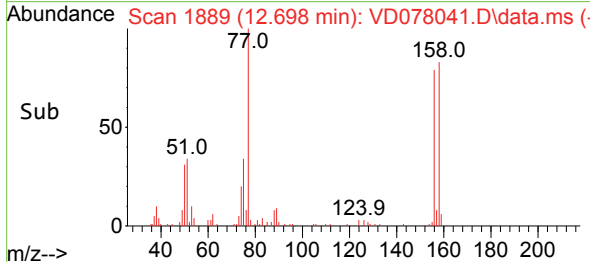
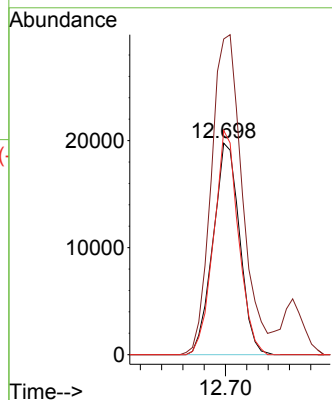
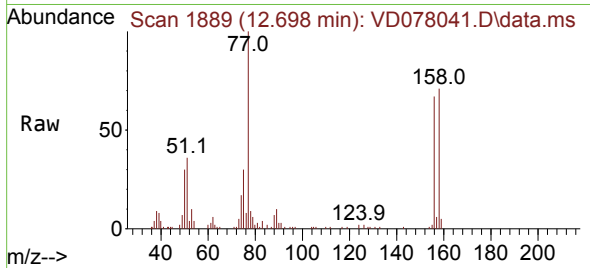




#77
Bromobenzene
Concen: 22.682 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

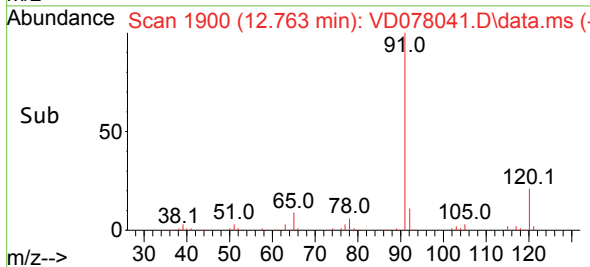
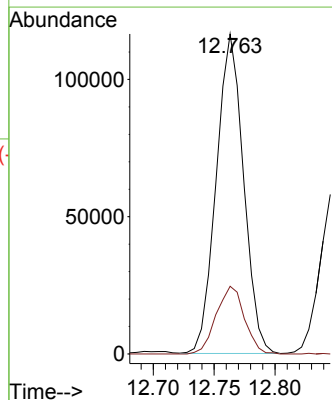
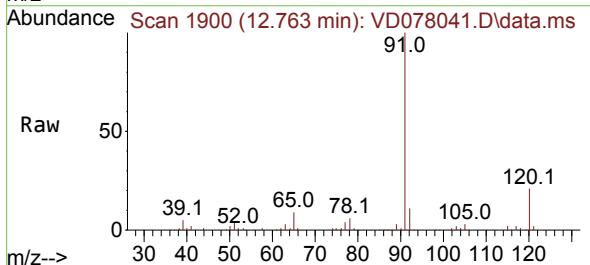
Instrument :
MSVOA_D
ClientSampleId :

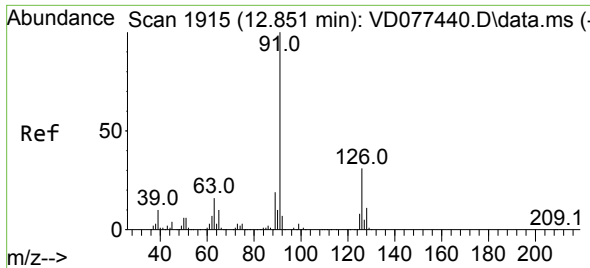
Tgt Ion:156 Resp: 34180
Ion Ratio Lower Upper
156 100
77 176.0 76.8 230.4
158 99.1 48.6 145.9



#78
n-propylbenzene
Concen: 23.248 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 91 Resp: 181488
Ion Ratio Lower Upper
91 100
120 21.8 12.4 37.2

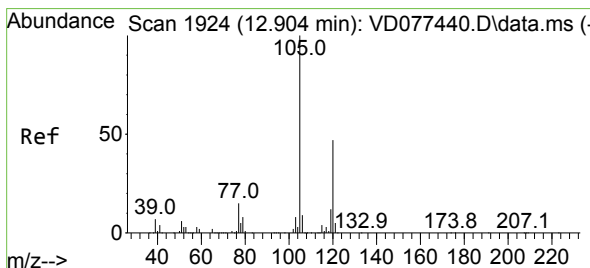
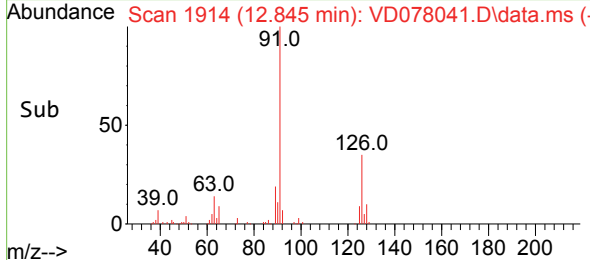
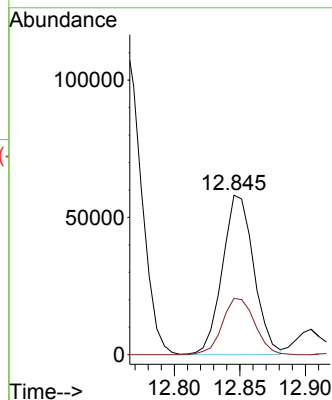
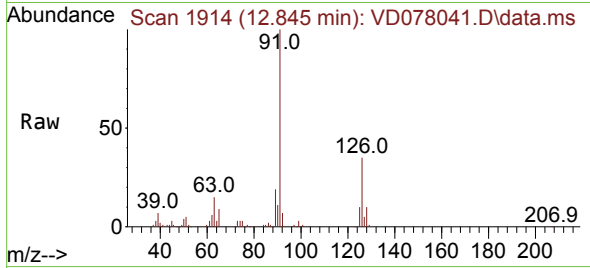




#79
2-Chlorotoluene
Concen: 23.038 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

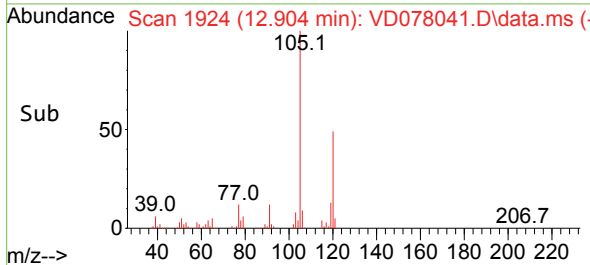
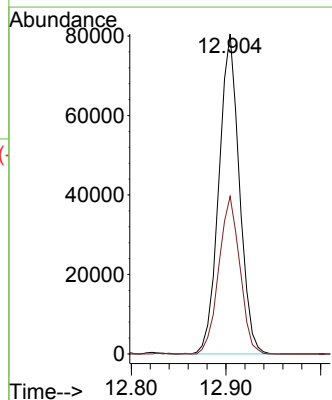
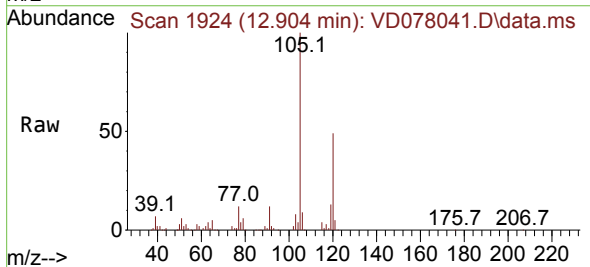
Instrument :
MSVOA_D
ClientSampleId :

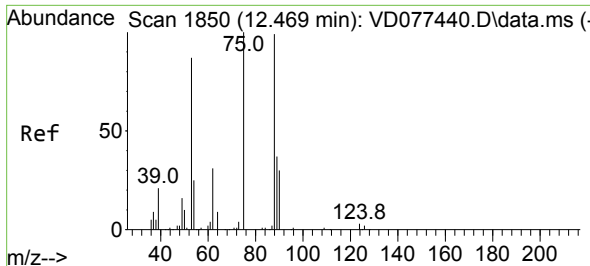
Tgt Ion: 91 Resp: 96383
Ion Ratio Lower Upper
91 100
126 36.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 22.627 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 105 Resp: 120901
Ion Ratio Lower Upper
105 100
120 50.5 26.4 79.2

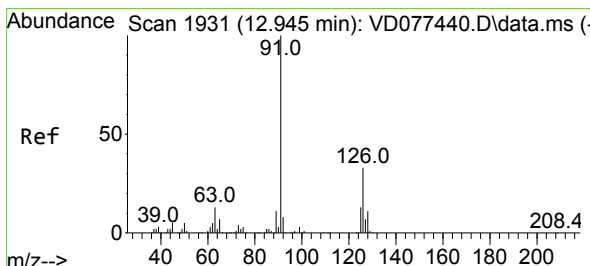
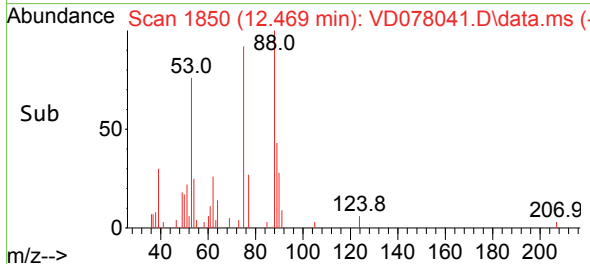
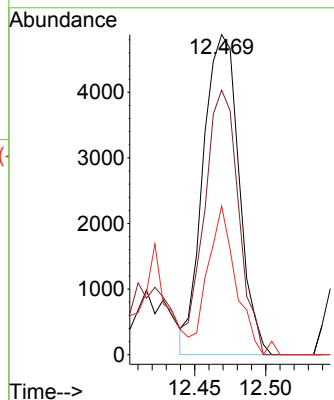
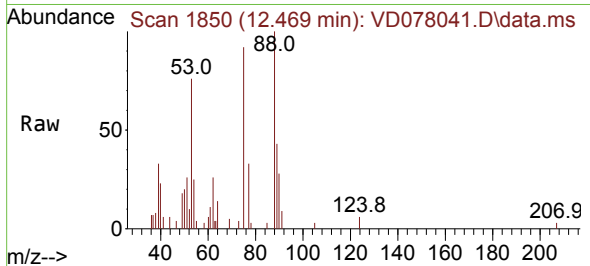




#81
trans-1,4-Dichloro-2-butene
Concen: 23.613 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

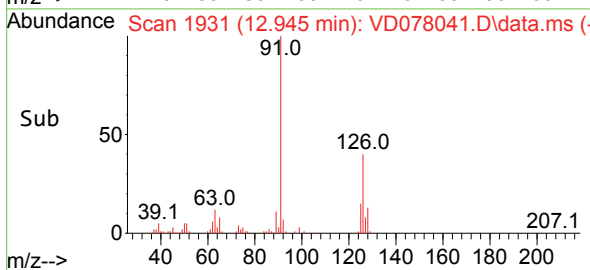
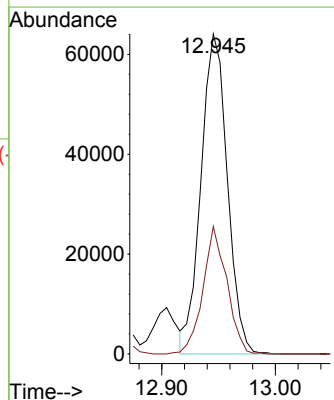
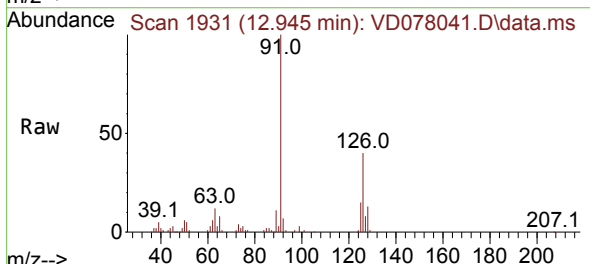
Instrument :
MSVOA_D
ClientSampleId :

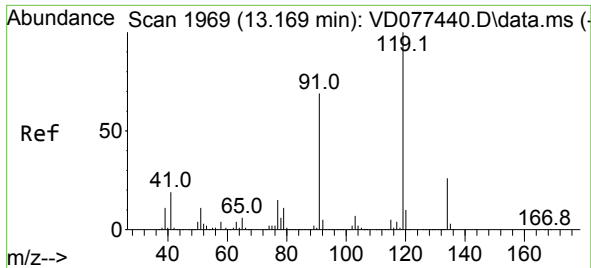
Tgt Ion: 75 Resp: 8556
Ion Ratio Lower Upper
75 100
53 79.3 63.0 94.4
89 37.1 37.9 56.9#



#82
4-Chlorotoluene
Concen: 23.650 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion: 91 Resp: 103438
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.4

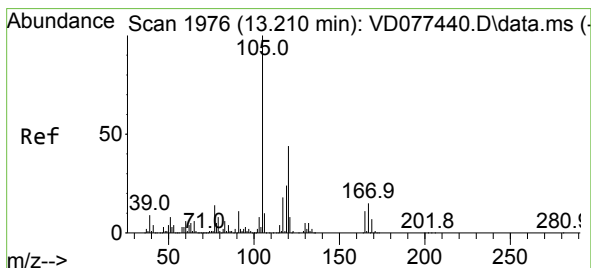
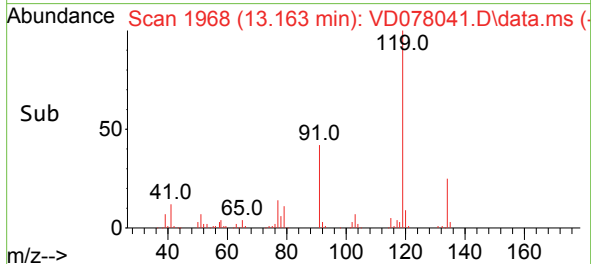
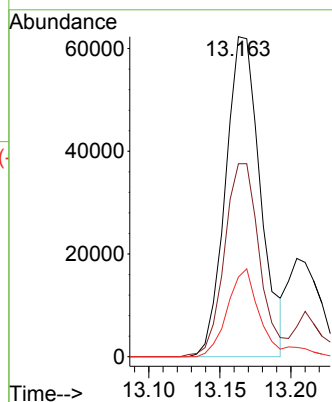
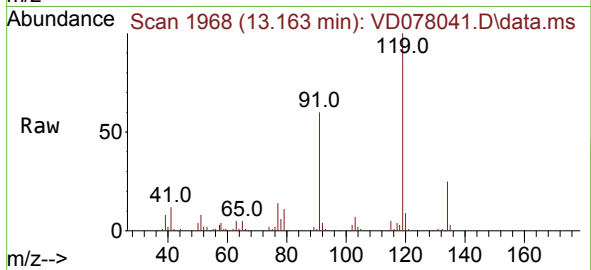




#83
tert-Butylbenzene
Concen: 23.664 ug/l
RT: 13.163 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

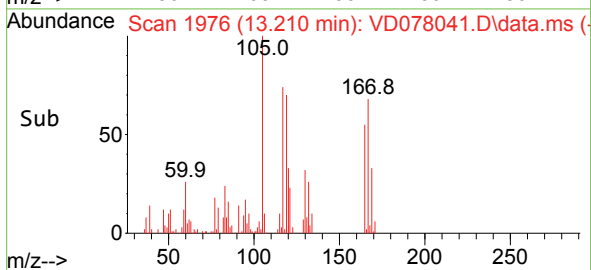
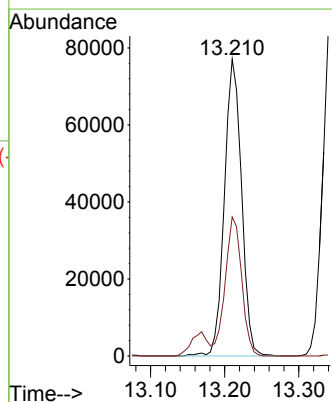
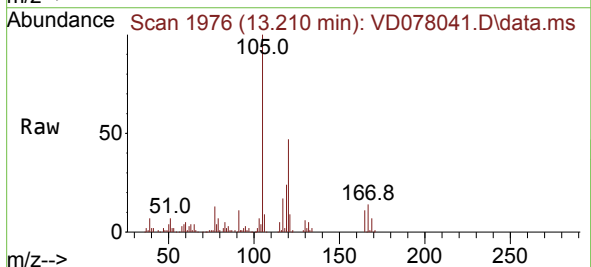
Instrument :
MSVOA_D
ClientSampleId :

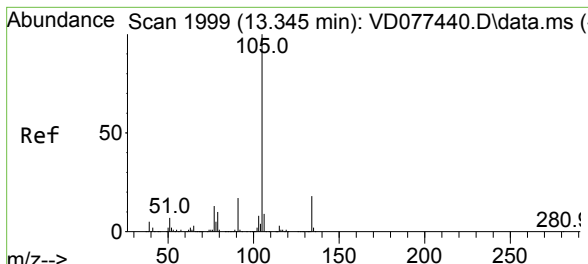
Tgt Ion:119 Resp: 106748
Ion Ratio Lower Upper
119 100
91 61.1 29.3 87.8
134 26.6 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 23.120 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion:105 Resp: 123560
Ion Ratio Lower Upper
105 100
120 45.5 24.3 72.9

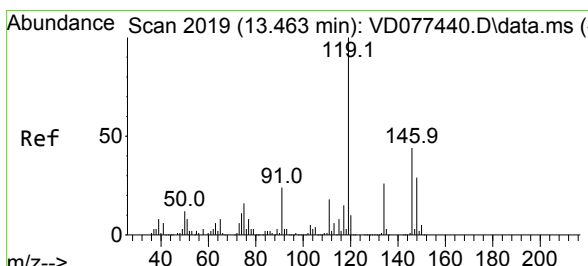
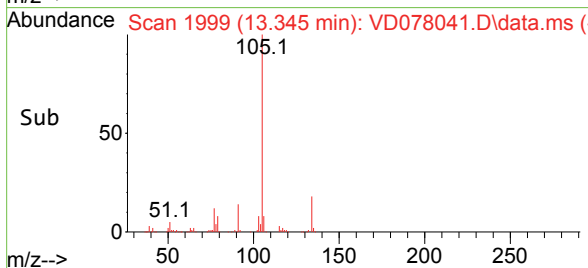
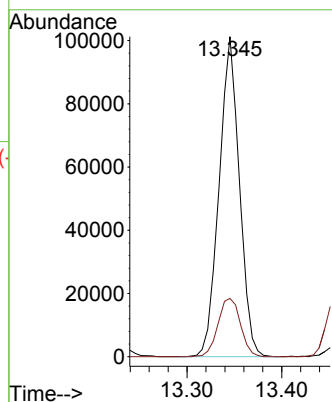
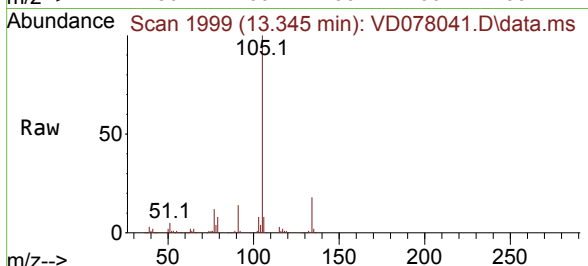




#85
 sec-Butylbenzene
 Concen: 22.633 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078041.D
 Acq: 21 Dec 2023 23:49

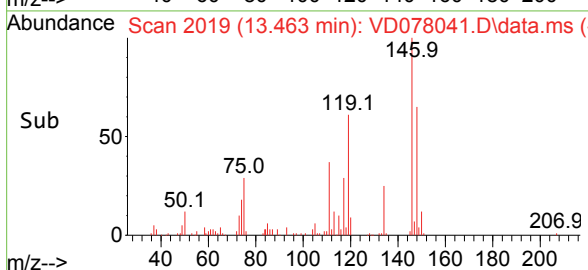
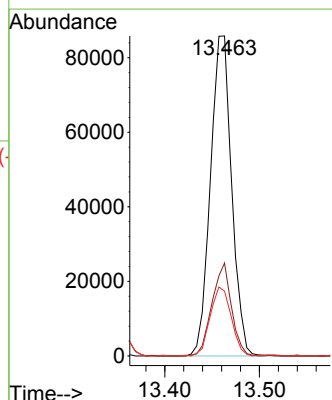
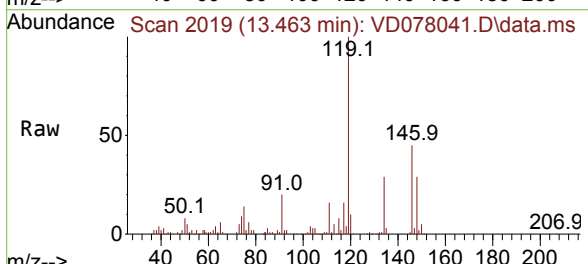
Instrument :
 MSVOA_D
 ClientSampleId :

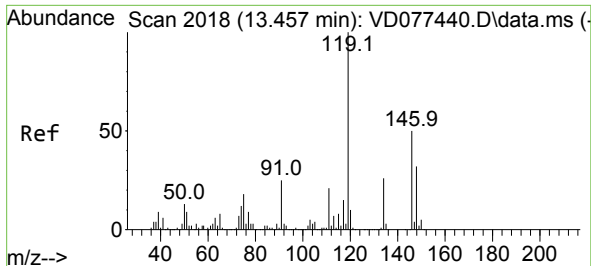
Tgt Ion:105 Resp: 150914
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 22.381 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078041.D
 Acq: 21 Dec 2023 23:49

Tgt Ion:119 Resp: 133611
 Ion Ratio Lower Upper
 119 100
 134 26.6 14.2 42.6
 91 21.3 10.5 31.5

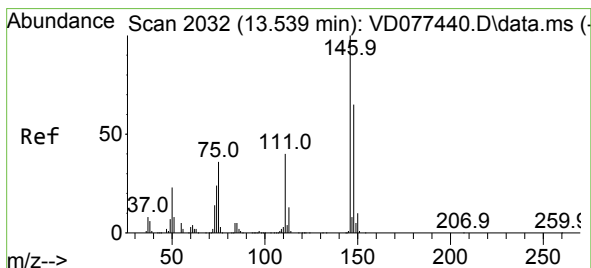
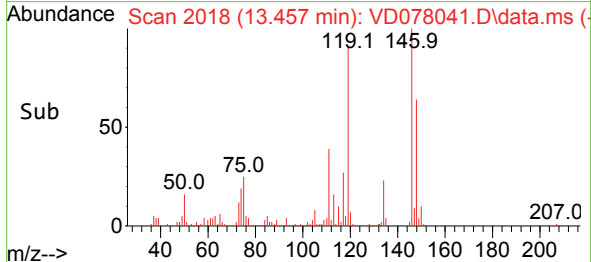
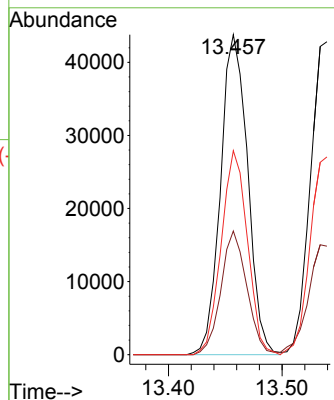
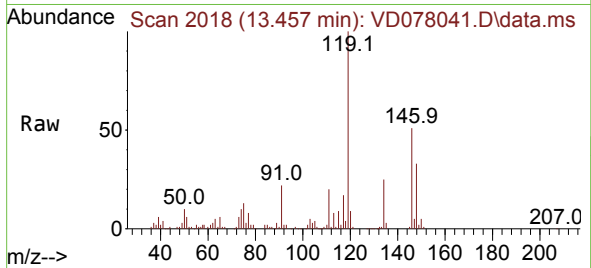




#87
1,3-Dichlorobenzene
Concen: 23.523 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

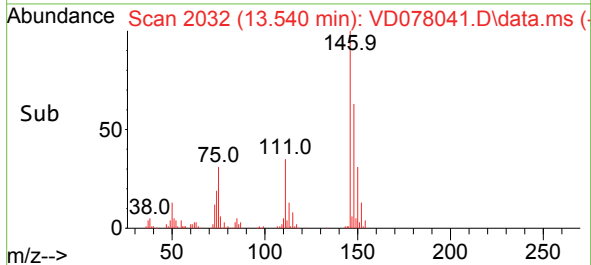
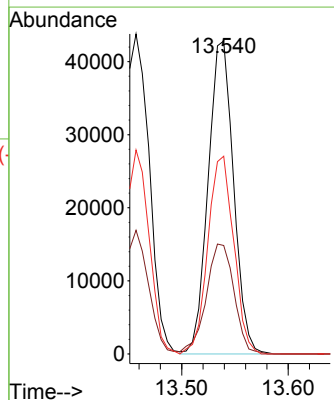
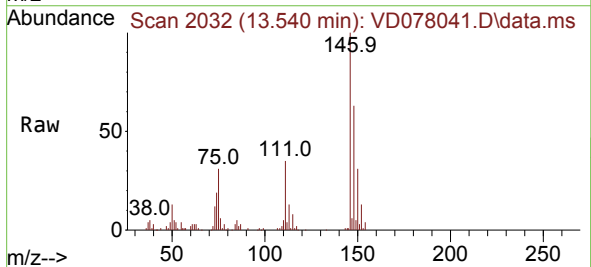
Instrument :
MSVOA_D
ClientSampleId :

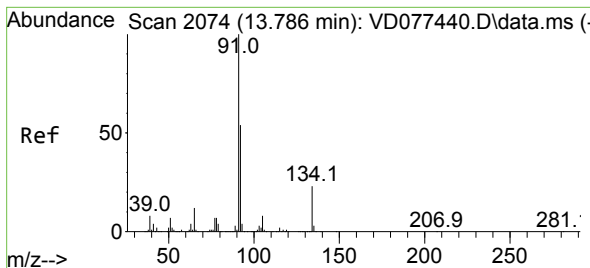
Tgt Ion:146 Resp: 72489
Ion Ratio Lower Upper
146 100
111 37.2 17.9 53.8
148 61.7 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 22.173 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion:146 Resp: 70948
Ion Ratio Lower Upper
146 100
111 38.4 17.4 52.3
148 64.3 31.7 95.1





#89

n-Butylbenzene

Concen: 22.456 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.001 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

ClientSampleId :

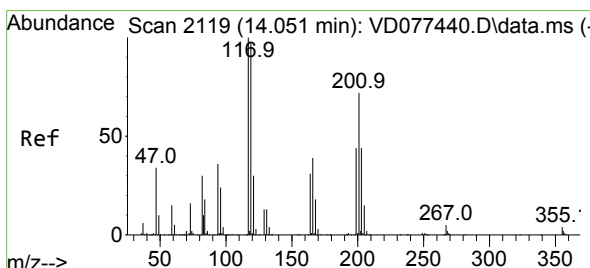
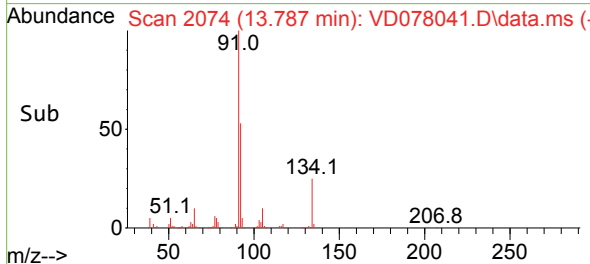
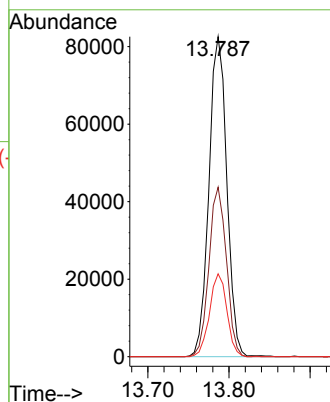
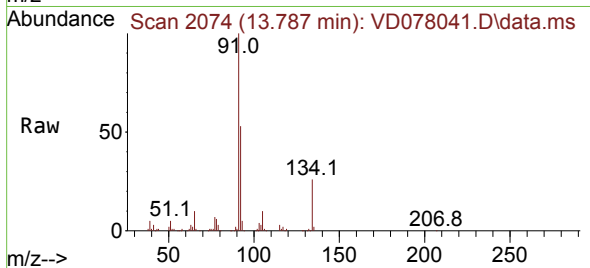
Tgt Ion: 91 Resp: 126148

Ion Ratio Lower Upper

91 100

92 51.8 26.5 79.5

134 25.2 13.8 41.3



#90

Hexachloroethane

Concen: 25.025 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078041.D

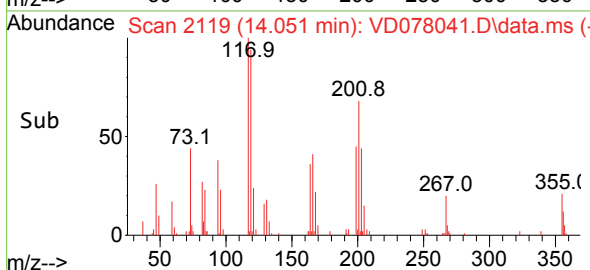
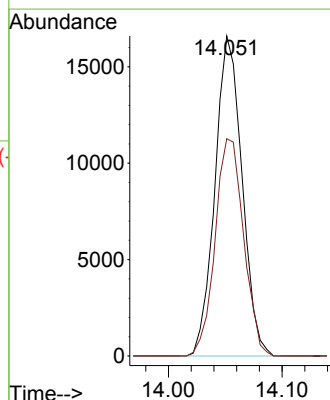
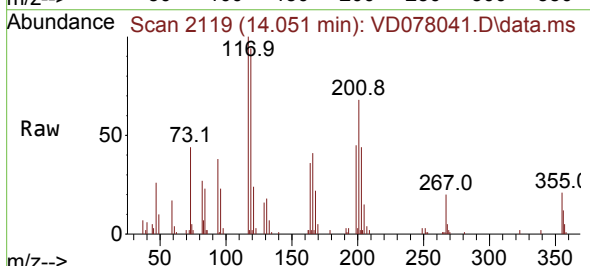
Acq: 21 Dec 2023 23:49

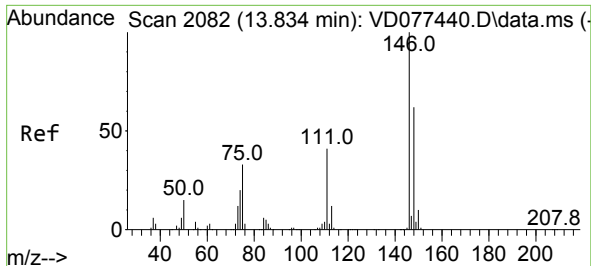
Tgt Ion: 117 Resp: 27475

Ion Ratio Lower Upper

117 100

201 71.4 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 23.546 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

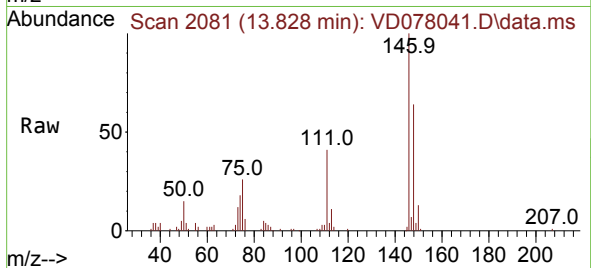
Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

Instrument :

MSVOA_D

ClientSampleId :



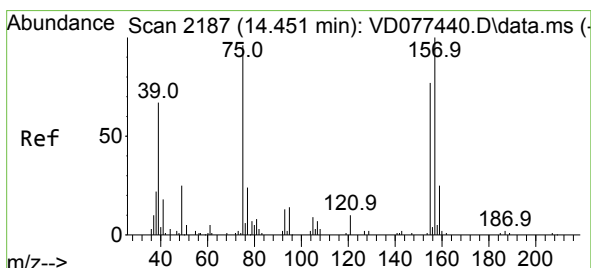
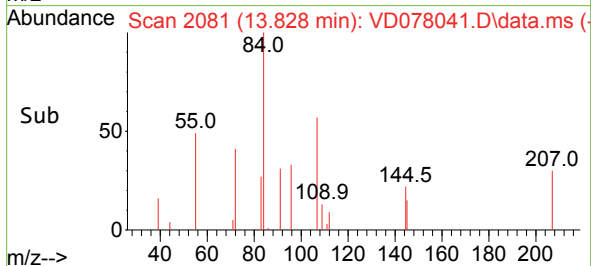
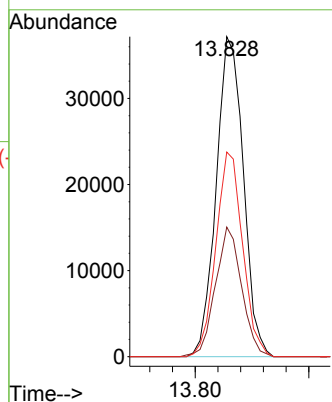
Tgt Ion:146 Resp: 61711

Ion Ratio Lower Upper

146 100

111 39.1 18.3 54.8

148 63.1 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.291 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD078041.D

Acq: 21 Dec 2023 23:49

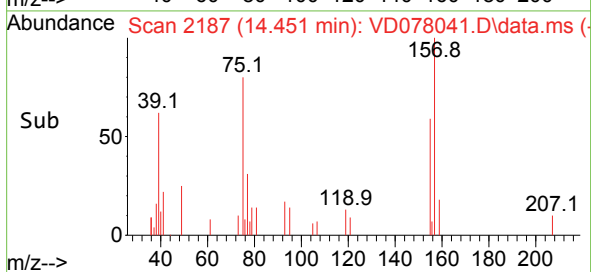
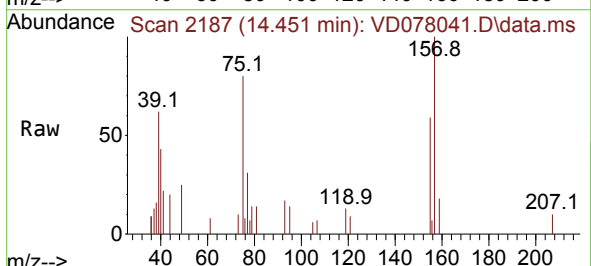
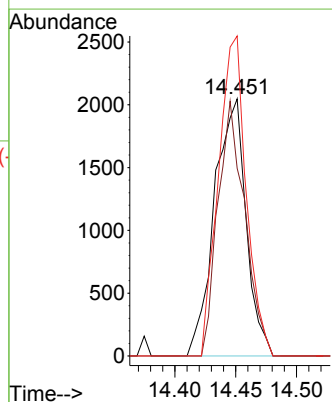
Tgt Ion: 75 Resp: 3695

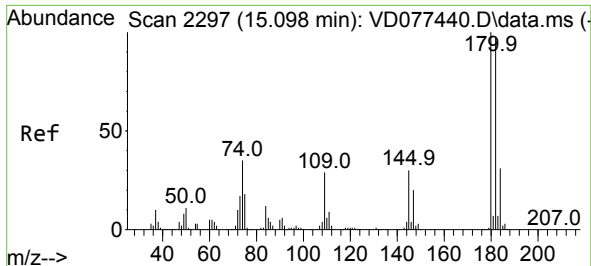
Ion Ratio Lower Upper

75 100

155 84.7 47.9 143.8

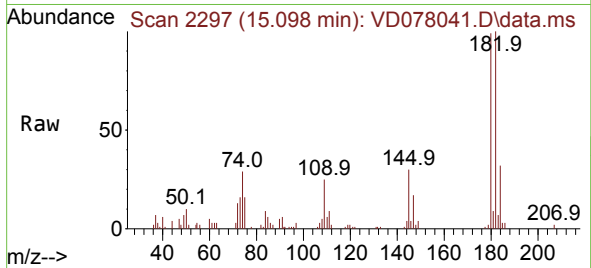
157 109.7 59.9 179.7



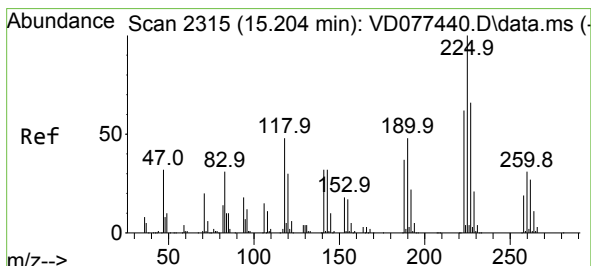
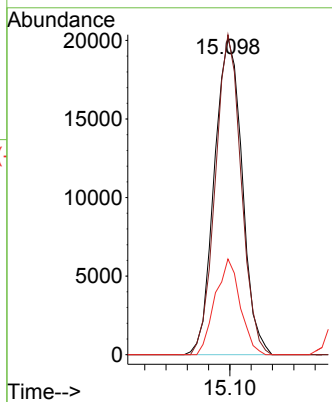
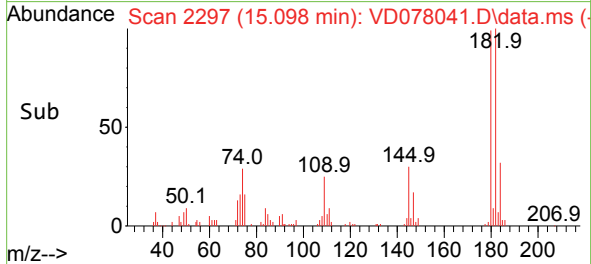


#93
 1,2,4-Trichlorobenzene
 Concen: 20.331 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078041.D
 Acq: 21 Dec 2023 23:49

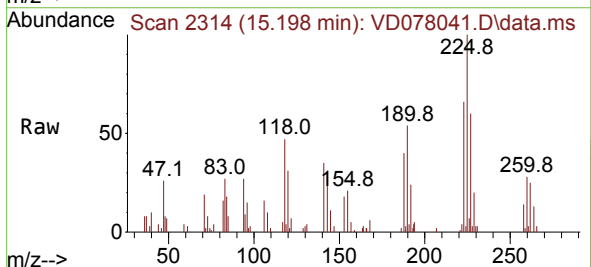
Instrument :
 MSVOA_D
 ClientSampleId :



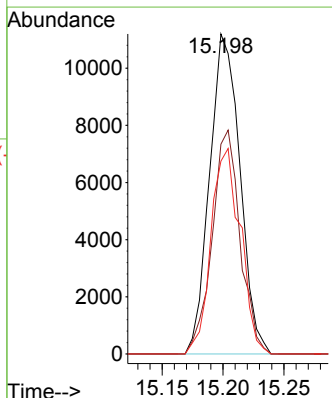
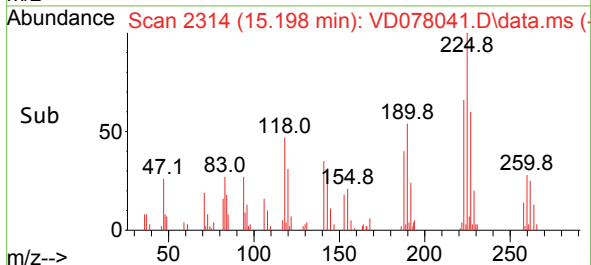
Tgt Ion:180 Resp: 36396
 Ion Ratio Lower Upper
 180 100
 182 94.0 48.5 145.6
 145 27.2 14.2 42.6

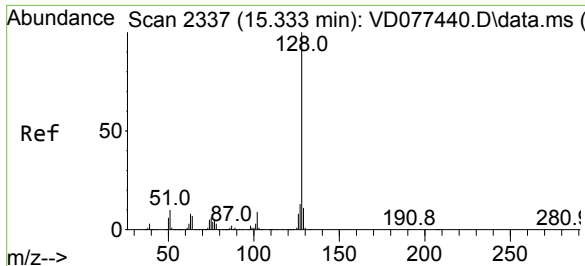


#94
 Hexachlorobutadiene
 Concen: 20.106 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. -0.006 min
 Lab File: VD078041.D
 Acq: 21 Dec 2023 23:49



Tgt Ion:225 Resp: 19409
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.6 94.8
 227 62.2 31.7 95.1

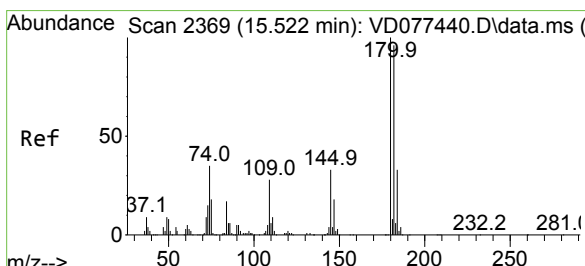
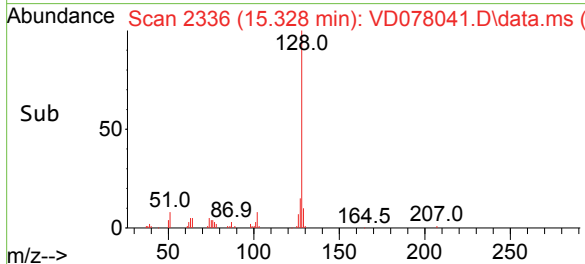
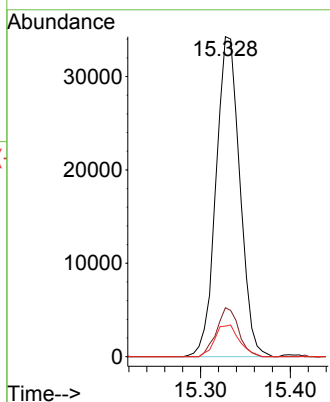
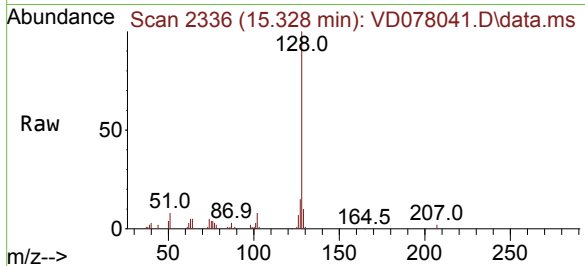




#95
Naphthalene
Concen: 21.248 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 63201
Ion Ratio Lower Upper
128 100
127 15.3 10.5 15.7
129 9.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.877 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078041.D
Acq: 21 Dec 2023 23:49

Tgt Ion:180 Resp: 30811
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.9
145 32.4 15.1 45.3

