

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122623\
 Data File : VD078083.D
 Acq On : 26 Dec 2023 15:19
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD122623

Quant Time: Dec 27 03:16:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:06:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	153432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	250630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	227672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	121778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	66903	49.006	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.020%
35) Dibromofluoromethane	7.810	113	76555	47.472	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.940%
50) Toluene-d8	10.269	98	281055	49.531	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.575	95	88218	48.318	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	62182	47.288	ug/l	99
3) Chloromethane	2.152	50	93373	51.489	ug/l	99
4) Vinyl Chloride	2.287	62	136496	49.935	ug/l	97
5) Bromomethane	2.699	94	108652	49.575	ug/l	99
6) Chloroethane	2.840	64	102122	50.841	ug/l	97
7) Trichlorofluoromethane	3.181	101	127690	48.533	ug/l	94
8) Diethyl Ether	3.599	74	35220	48.818	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.975	101	77746	47.444	ug/l	98
10) Methyl Iodide	4.164	142	82237	53.405	ug/l	91
11) Tert butyl alcohol	5.063	59	16120	264.735	ug/l	98
12) 1,1-Dichloroethene	3.946	96	73529	50.711	ug/l	92
13) Acrolein	3.793	56	13353	185.711	ug/l	96
14) Allyl chloride	4.569	41	89148	50.866	ug/l	89
15) Acrylonitrile	5.263	53	73699	244.207	ug/l	98
16) Acetone	4.028	43	65599	234.147	ug/l #	83
17) Carbon Disulfide	4.275	76	194191	54.203	ug/l	99
18) Methyl Acetate	4.563	43	60012	53.636	ug/l	93
19) Methyl tert-butyl Ether	5.316	73	162171	50.534	ug/l	94
20) Methylene Chloride	4.811	84	91984	55.321	ug/l	94
21) trans-1,2-Dichloroethene	5.322	96	85111	51.064	ug/l	96
22) Diisopropyl ether	6.222	45	201739	51.534	ug/l	98
23) Vinyl Acetate	6.158	43	446733	298.497	ug/l	96
24) 1,1-Dichloroethane	6.116	63	148152	51.140	ug/l	98
25) 2-Butanone	7.081	43	85984	237.219	ug/l #	87
26) 2,2-Dichloropropane	7.075	77	127078	48.825	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	100527	50.838	ug/l	96
28) Bromochloromethane	7.428	49	52991	51.127	ug/l	95
29) Tetrahydrofuran	7.446	42	49573	234.569	ug/l	95
30) Chloroform	7.599	83	154224	49.124	ug/l	99
31) Cyclohexane	7.887	56	109473	50.267	ug/l	95
32) 1,1,1-Trichloroethane	7.799	97	139463	51.688	ug/l	97
36) 1,1-Dichloropropene	8.010	75	114344	50.394	ug/l	97
37) Ethyl Acetate	7.169	43	36660	48.578	ug/l	96
38) Carbon Tetrachloride	7.993	117	123680	50.303	ug/l	97
39) Methylcyclohexane	9.275	83	133878	51.464	ug/l	96
40) Benzene	8.252	78	332260	50.806	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122623\
 Data File : VD078083.D
 Acq On : 26 Dec 2023 15:19
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD122623

Quant Time: Dec 27 03:16:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:06:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	23045	48.269	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	87950	49.764	ug/l	95
43) Isopropyl Acetate	8.363	43	71650	47.423	ug/l #	76
44) Trichloroethene	9.034	130	96644	51.366	ug/l	96
45) 1,2-Dichloropropane	9.310	63	82831	49.984	ug/l	98
46) Dibromomethane	9.399	93	47889	51.596	ug/l	92
47) Bromodichloromethane	9.587	83	121056	50.211	ug/l	95
48) Methyl methacrylate	9.381	41	41586	48.840	ug/l	84
49) 1,4-Dioxane	9.387	88	8316	947.786	ug/l #	79
51) 4-Methyl-2-Pentanone	10.157	43	186138	240.100	ug/l	95
52) Toluene	10.334	92	217701	51.324	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	110413	50.476	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	131746	50.153	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	63440	48.571	ug/l	94
56) Ethyl methacrylate	10.598	69	51328	49.520	ug/l #	87
57) 1,3-Dichloropropane	10.881	76	104317	48.611	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	133519	297.528	ug/l	99
59) 2-Hexanone	10.922	43	131111	217.724	ug/l	95
60) Dibromochloromethane	11.075	129	81528	48.998	ug/l	97
61) 1,2-Dibromoethane	11.181	107	61153	48.836	ug/l	100
64) Tetrachloroethene	10.810	164	76348	49.628	ug/l	91
65) Chlorobenzene	11.610	112	234079	48.395	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	89619	48.954	ug/l	98
67) Ethyl Benzene	11.681	91	424891	50.388	ug/l	96
68) m/p-Xylenes	11.793	106	337917	102.969	ug/l	94
69) o-Xylene	12.122	106	155616	50.878	ug/l	94
70) Styrene	12.134	104	232428	51.469	ug/l	94
71) Bromoform	12.298	173	47444	46.974	ug/l #	100
73) Isopropylbenzene	12.422	105	419645	50.032	ug/l	97
74) N-amyl acetate	12.234	43	62745	45.062	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	70253	46.086	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	88617	86.254	ug/l #	100
77) Bromobenzene	12.698	156	99958	48.988	ug/l	96
78) n-propylbenzene	12.763	91	492191	48.751	ug/l	99
79) 2-Chlorotoluene	12.851	91	267034	48.900	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	346691	49.974	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	21738	45.591	ug/l	97
82) 4-Chlorotoluene	12.945	91	285351	48.738	ug/l	97
83) tert-Butylbenzene	13.169	119	310023	49.887	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	353900	50.083	ug/l	98
85) sec-Butylbenzene	13.345	105	439866	49.577	ug/l	98
86) p-Isopropyltoluene	13.457	119	398606	50.202	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	205371	48.646	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	201843	48.748	ug/l	99
89) n-Butylbenzene	13.787	91	361161	49.555	ug/l	99
90) Hexachloroethane	14.051	117	76129	47.959	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	176888	48.788	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9727	45.559	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	111630	47.159	ug/l	99
94) Hexachlorobutadiene	15.198	225	64911	48.808	ug/l	98
95) Naphthalene	15.328	128	193592	48.040	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	97897	48.741	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122623\
Data File : VD078083.D
Acq On : 26 Dec 2023 15:19
Operator : RP/MD
Sample : VSTDICV050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

Quant Time: Dec 27 03:16:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 27 03:06:15 2023
Response via : Initial Calibration

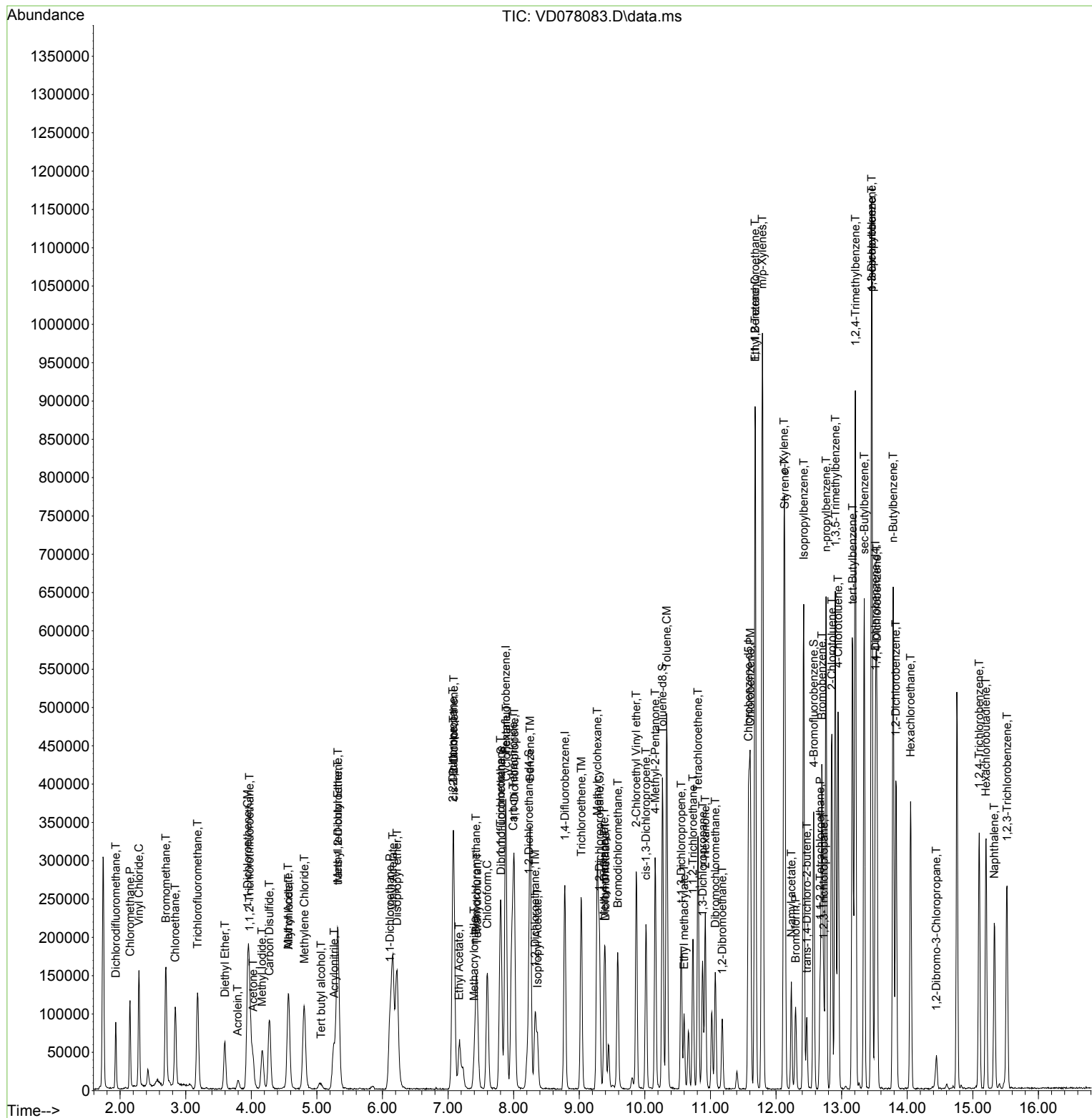
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

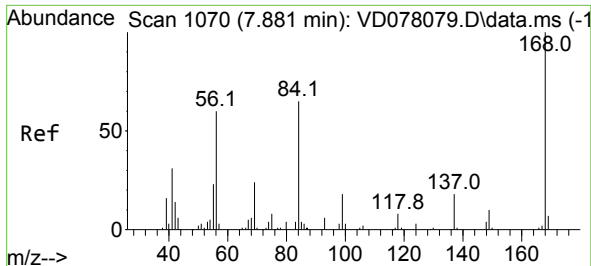
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122623\
 Data File : VD078083.D
 Acq On : 26 Dec 2023 15:19
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD122623

Quant Time: Dec 27 03:16:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:06:15 2023
 Response via : Initial Calibration

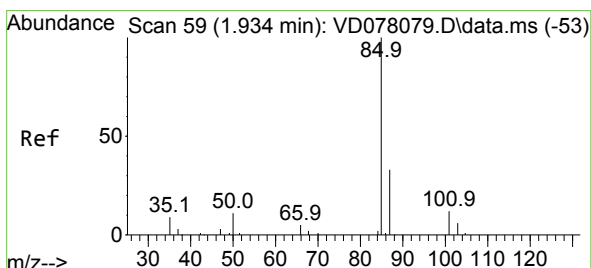
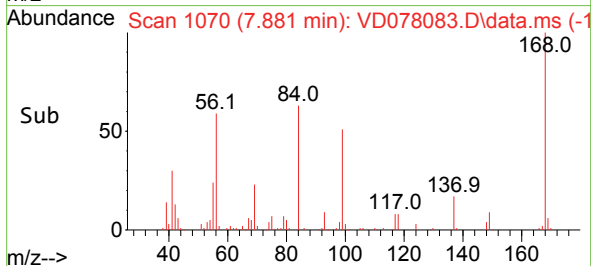
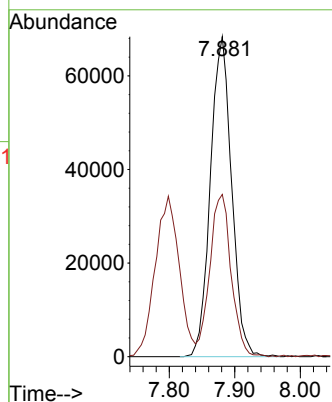
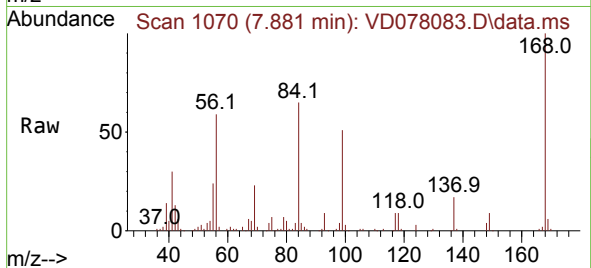




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

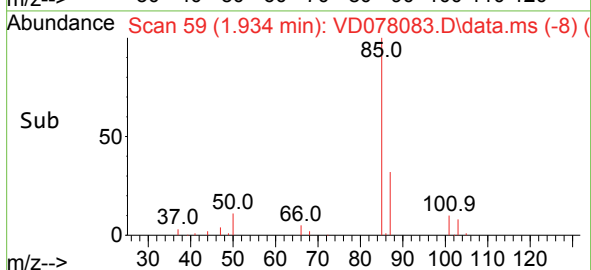
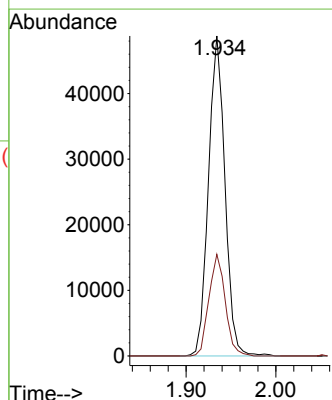
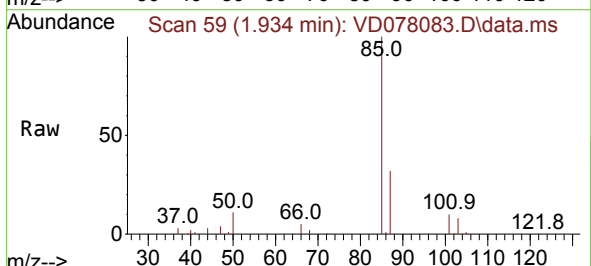
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

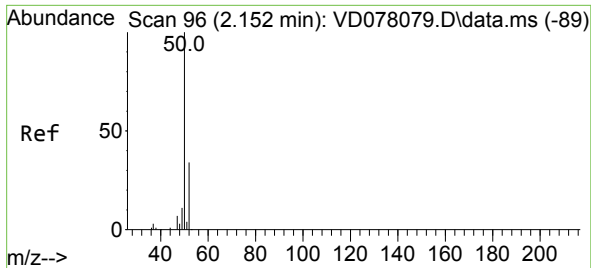
Tgt Ion:168 Resp: 153432
Ion Ratio Lower Upper
168 100
99 50.5 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 47.288 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion: 85 Resp: 62182
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.0

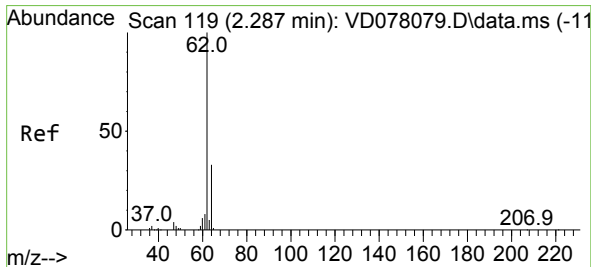
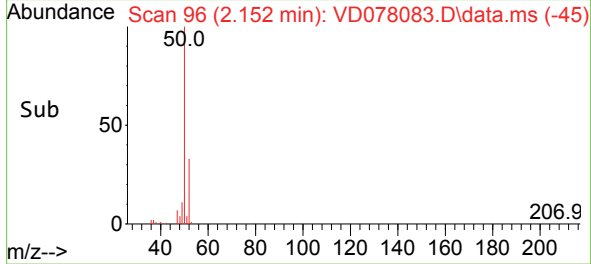
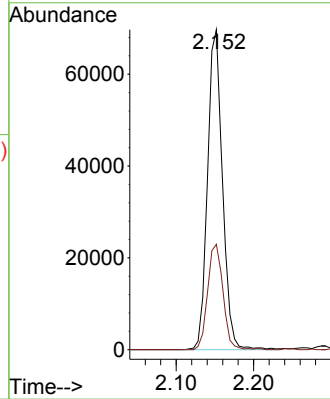
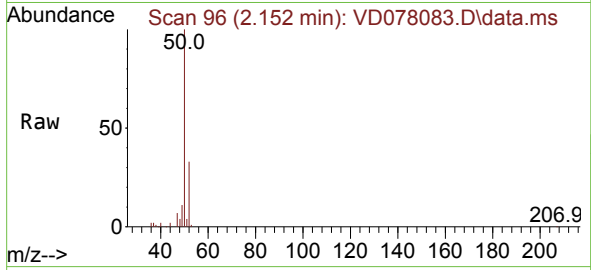




#3
Chloromethane
Concen: 51.489 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

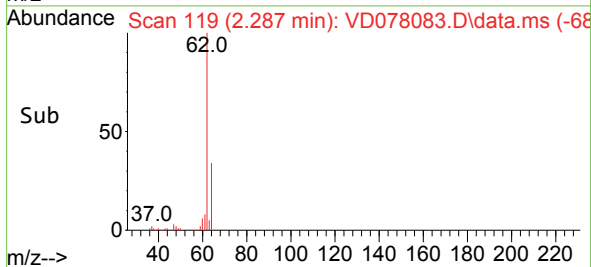
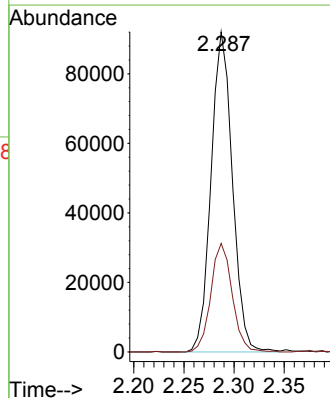
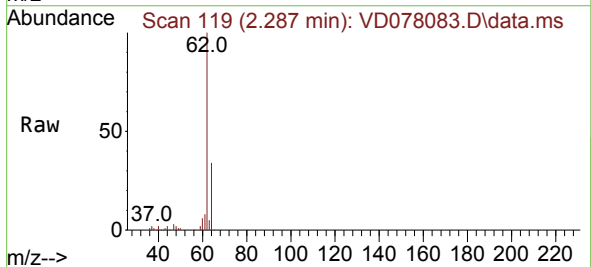
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

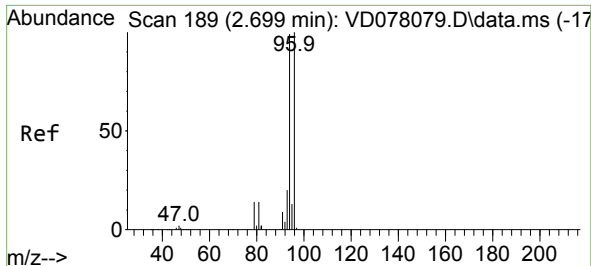
Tgt Ion: 50 Resp: 93373
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0



#4
Vinyl Chloride
Concen: 49.935 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion: 62 Resp: 136496
Ion Ratio Lower Upper
62 100
64 33.9 26.0 39.0

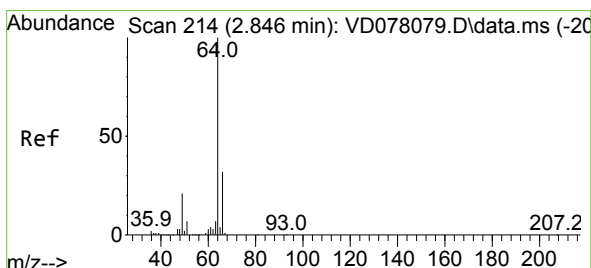
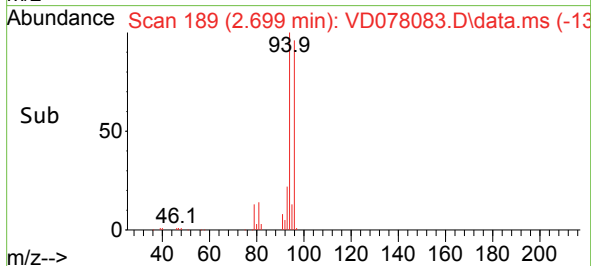
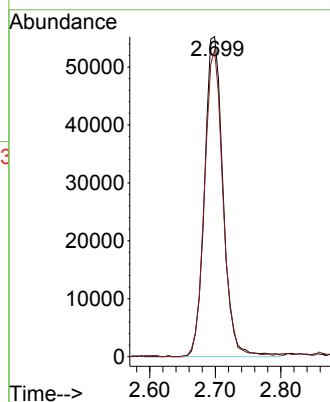
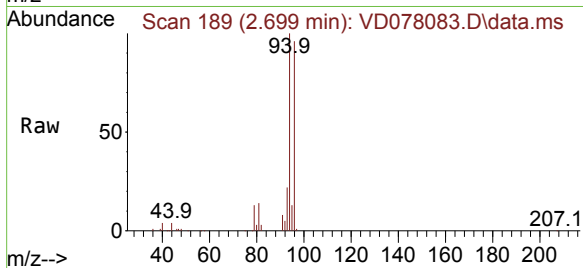




#5
Bromomethane
Concen: 49.575 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

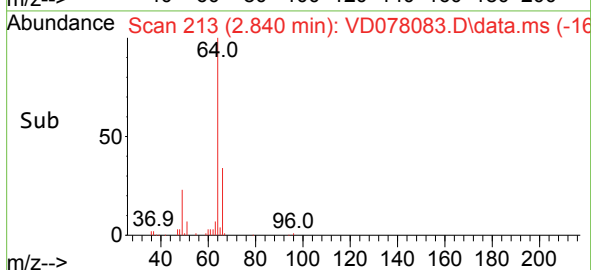
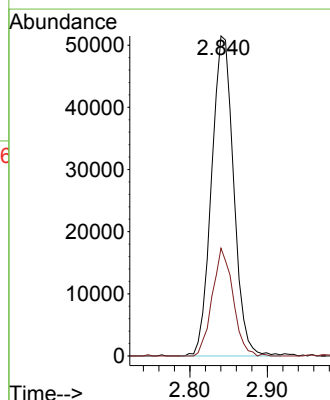
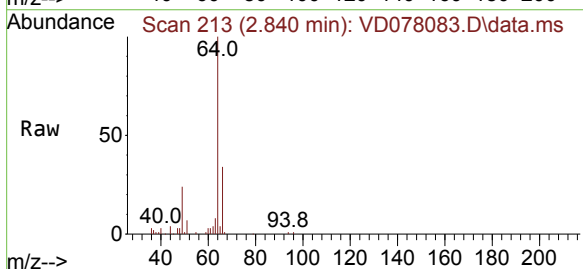
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

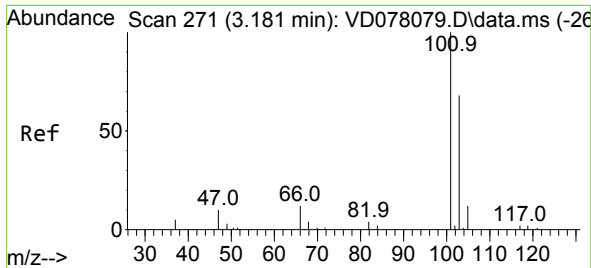
Tgt Ion: 94 Resp: 108652
Ion Ratio Lower Upper
94 100
96 95.5 75.8 113.8



#6
Chloroethane
Concen: 50.841 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion: 64 Resp: 102122
Ion Ratio Lower Upper
64 100
66 33.6 25.5 38.3

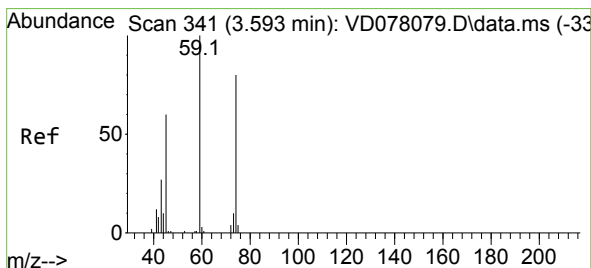
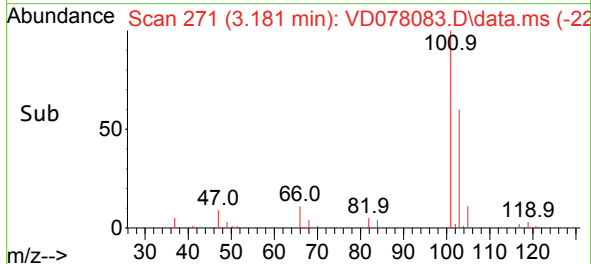
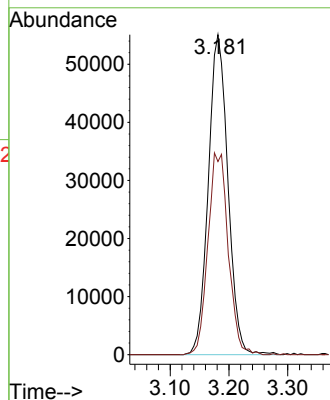
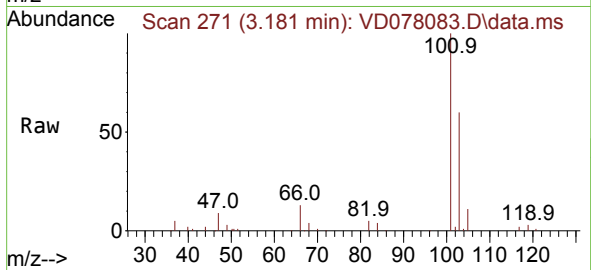




#7
Trichlorofluoromethane
Concen: 48.533 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

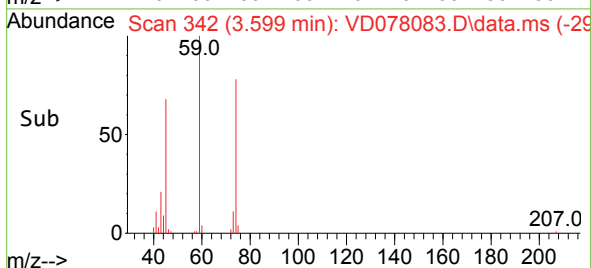
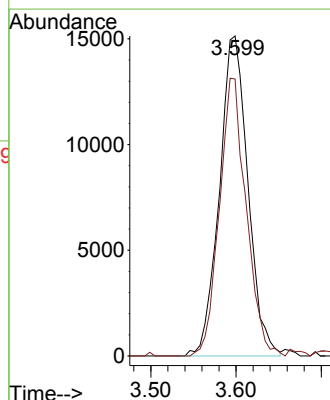
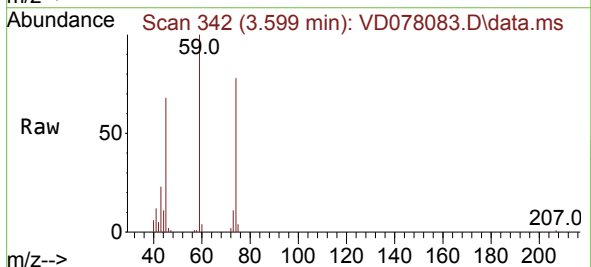
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

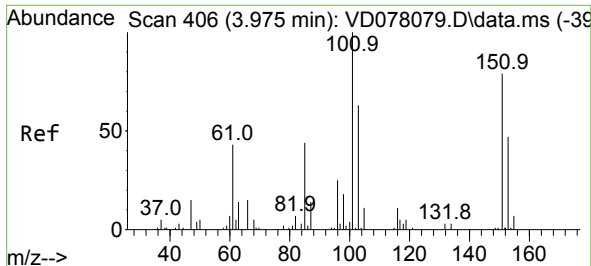
Tgt Ion:101 Resp: 127690
Ion Ratio Lower Upper
101 100
103 60.3 52.3 78.5



#8
Diethyl Ether
Concen: 48.818 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion: 74 Resp: 35220
Ion Ratio Lower Upper
74 100
45 81.5 37.5 112.7

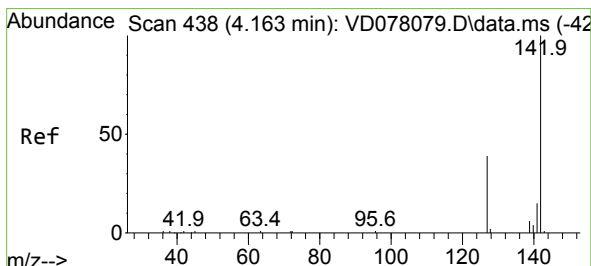
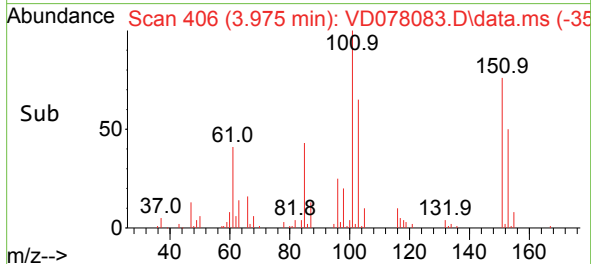
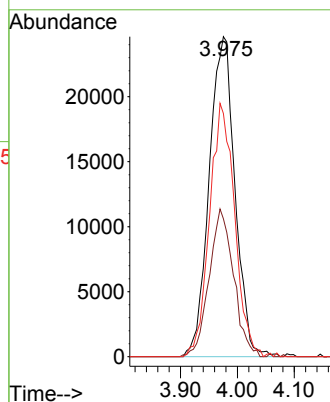
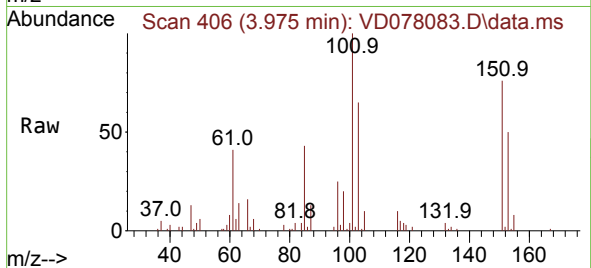




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.444 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

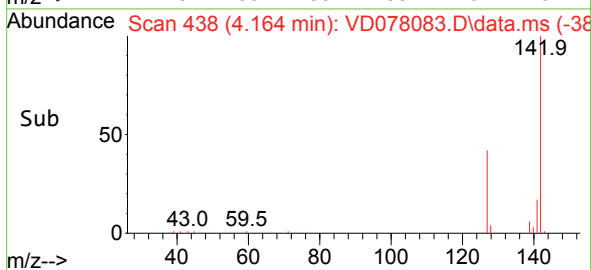
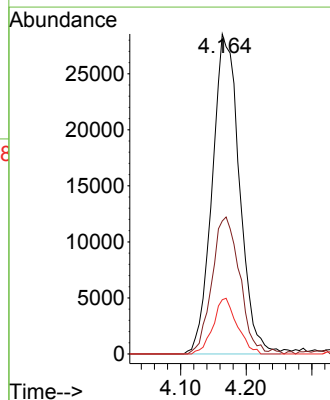
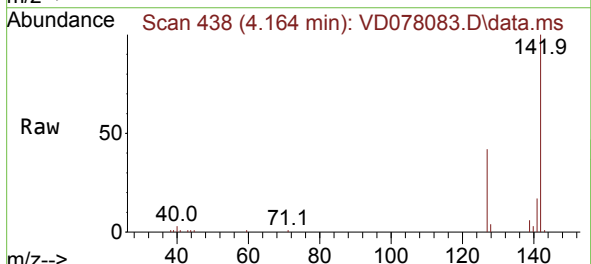
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

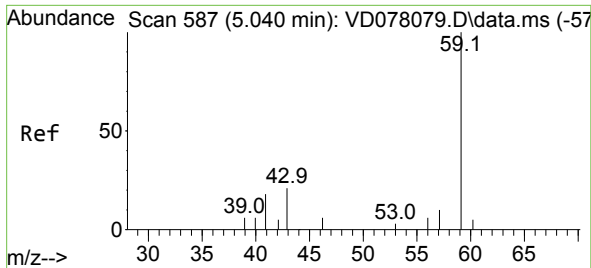
Tgt Ion:101 Resp: 77746
Ion Ratio Lower Upper
101 100
85 43.6 33.8 50.6
151 76.8 59.8 89.6



#10
Methyl Iodide
Concen: 53.405 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion:142 Resp: 82237
Ion Ratio Lower Upper
142 100
127 43.6 29.4 44.0
141 15.3 11.1 16.7

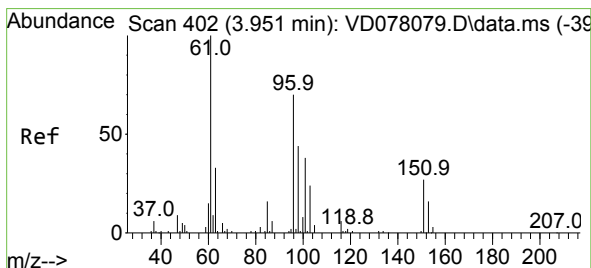
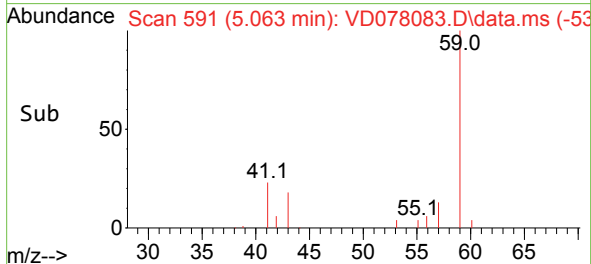
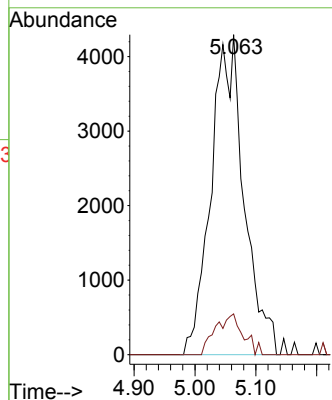
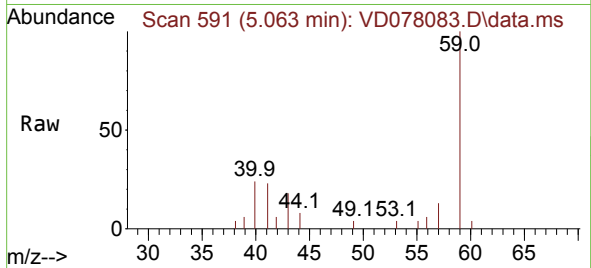




#11
Tert butyl alcohol
Concen: 264.735 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.023 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

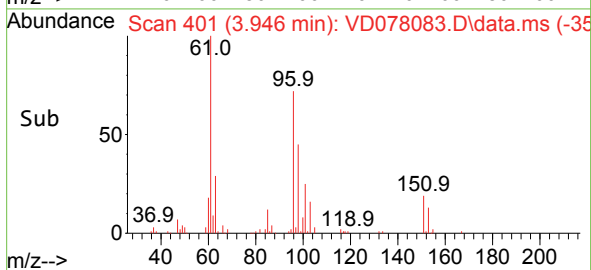
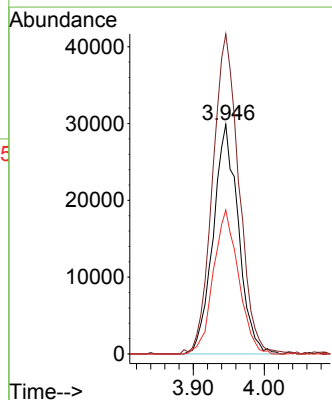
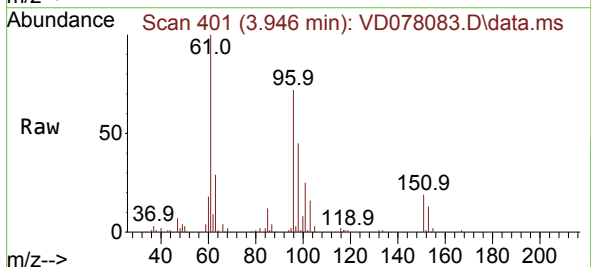
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

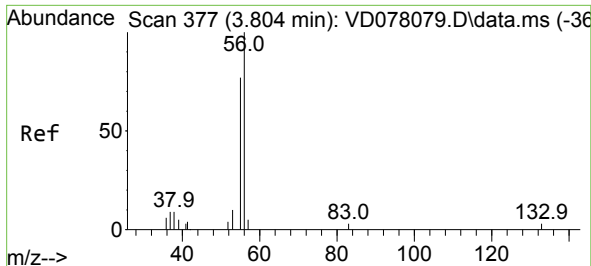
Tgt Ion: 59 Resp: 16120
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.8



#12
1,1-Dichloroethene
Concen: 50.711 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion: 96 Resp: 73529
Ion Ratio Lower Upper
96 100
61 139.5 100.6 150.8
98 62.7 50.2 75.2

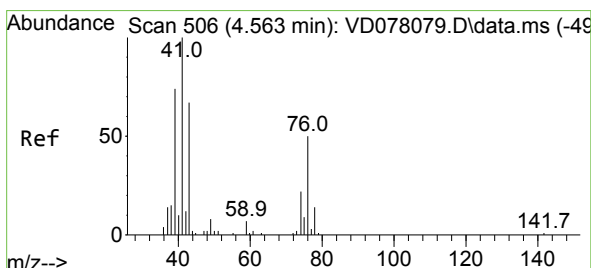
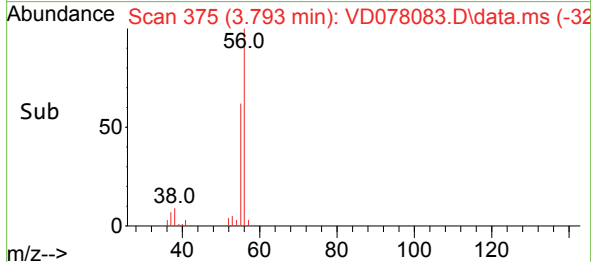
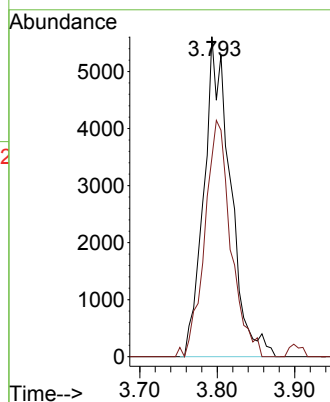
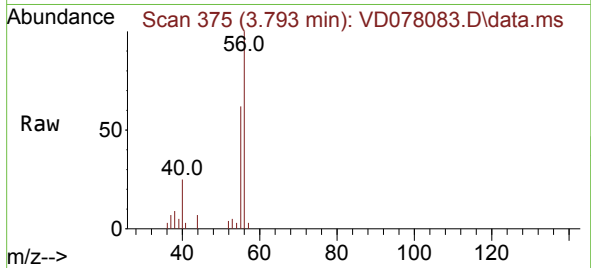




#13
Acrolein
Concen: 185.711 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.011 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

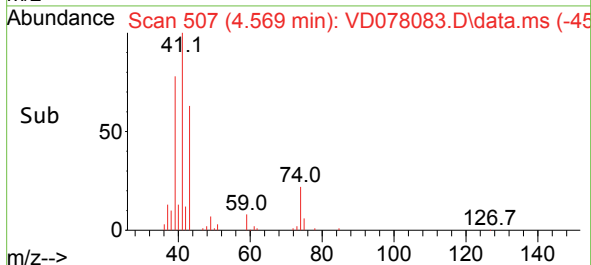
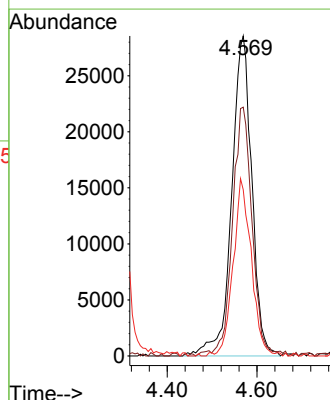
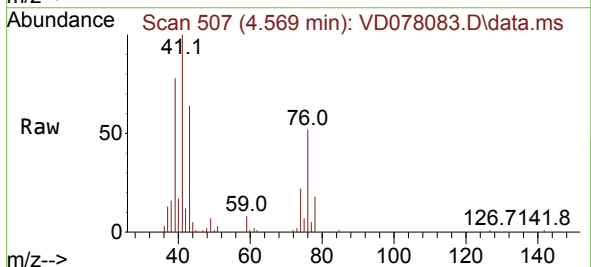
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

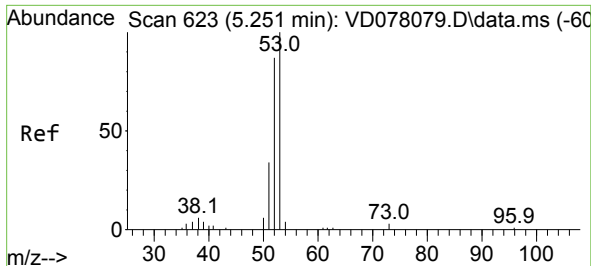
Tgt Ion: 56 Resp: 13353
Ion Ratio Lower Upper
56 100
55 72.6 55.1 82.7



#14
Allyl chloride
Concen: 50.866 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion: 41 Resp: 89148
Ion Ratio Lower Upper
41 100
39 76.2 53.8 80.6
76 50.1 45.8 68.8

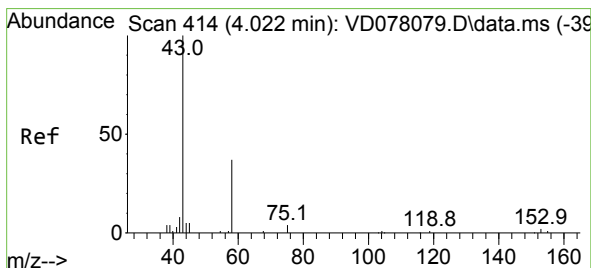
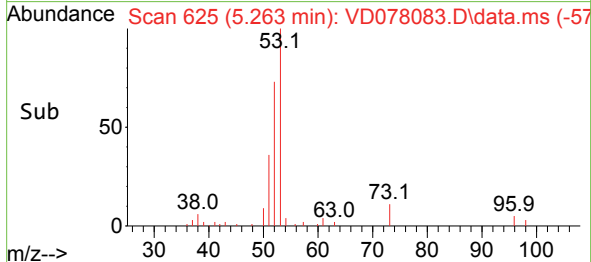
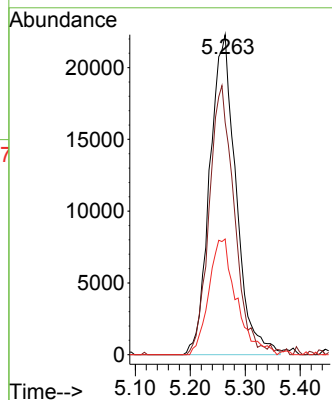
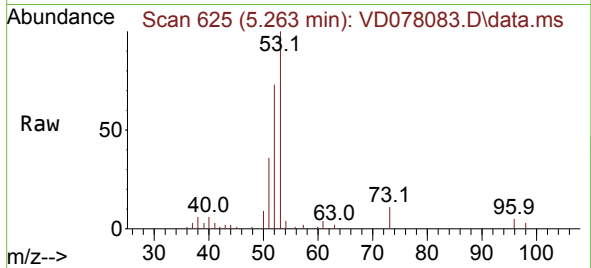




#15
Acrylonitrile
Concen: 244.207 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

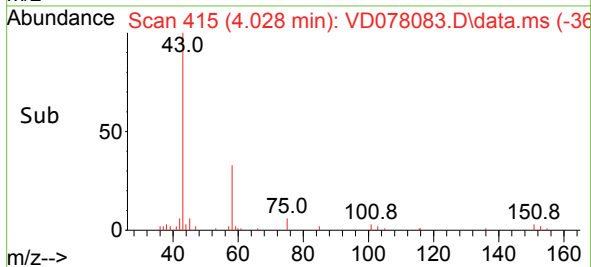
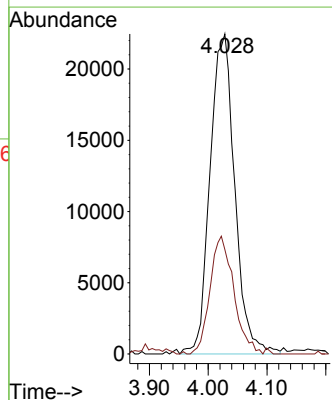
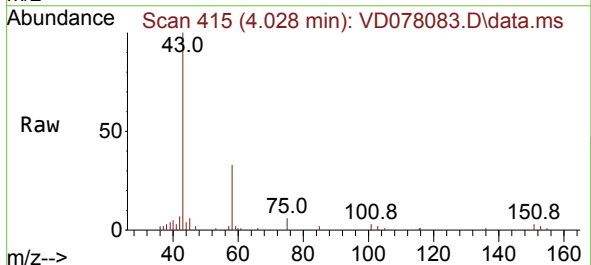
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

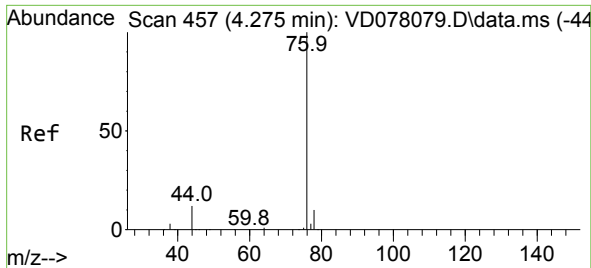
Tgt Ion: 53 Resp: 73699
Ion Ratio Lower Upper
53 100
52 80.2 65.0 97.4
51 38.1 28.3 42.5



#16
Acetone
Concen: 234.147 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion: 43 Resp: 65599
Ion Ratio Lower Upper
43 100
58 32.6 34.7 52.1#

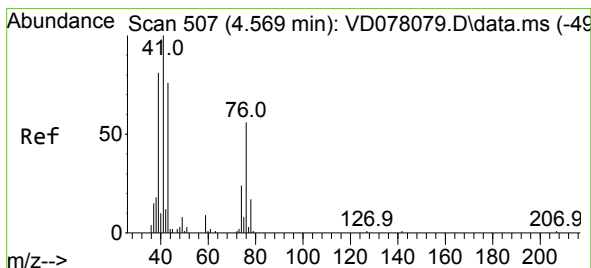
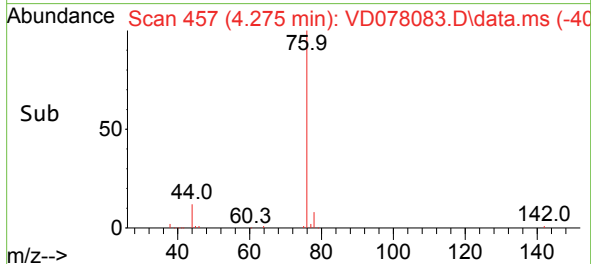
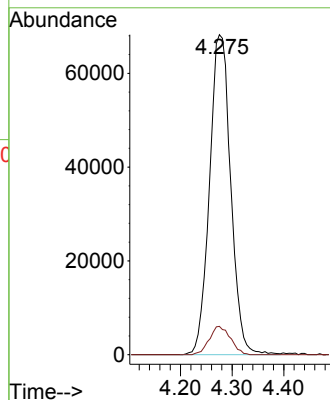
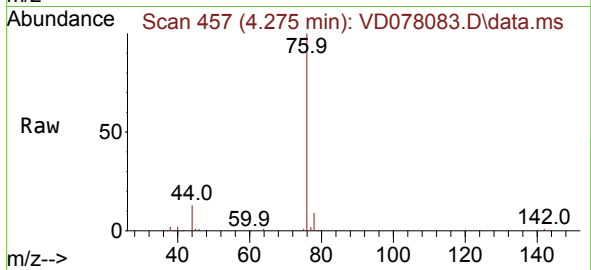




#17
Carbon Disulfide
Concen: 54.203 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

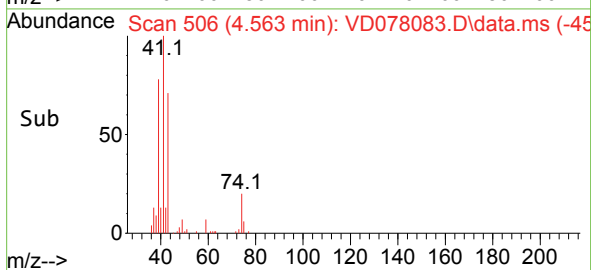
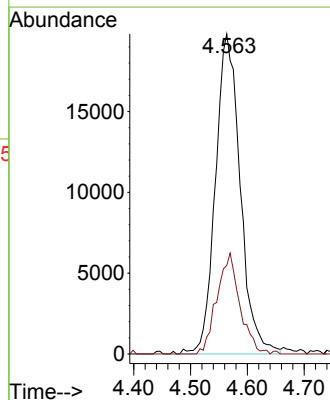
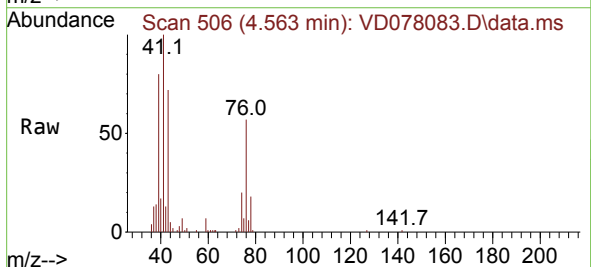
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

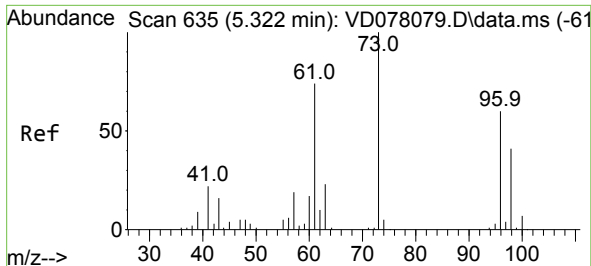
Tgt Ion: 76 Resp: 194191
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 53.636 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion: 43 Resp: 60012
Ion Ratio Lower Upper
43 100
74 29.1 26.4 39.6

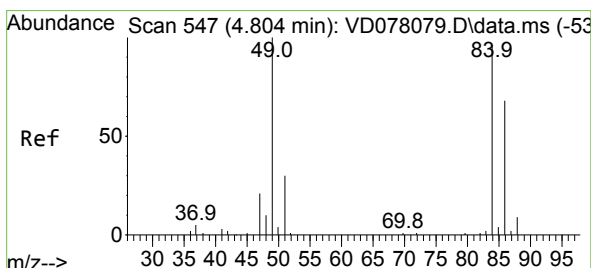
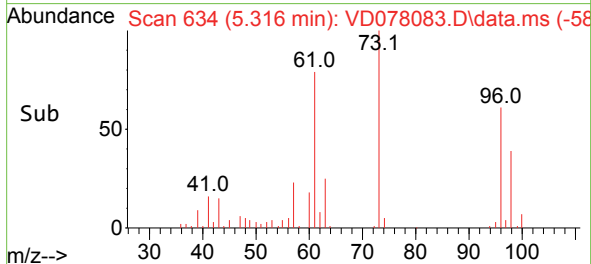
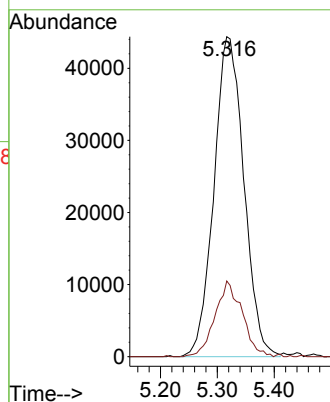
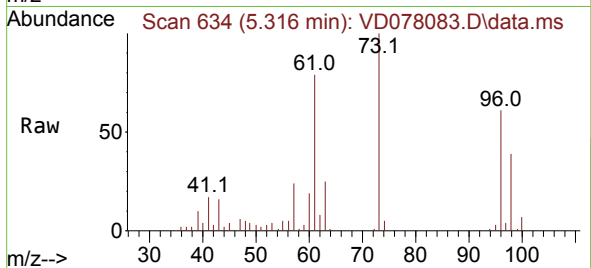




#19
Methyl tert-butyl Ether
Concen: 50.534 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

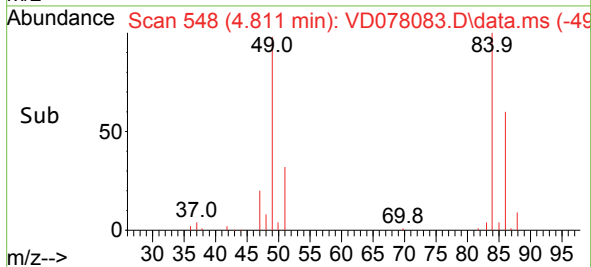
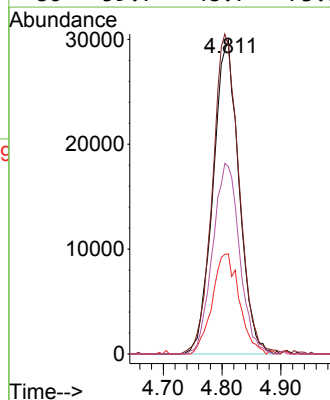
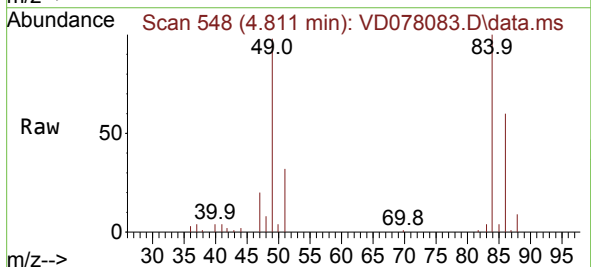
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

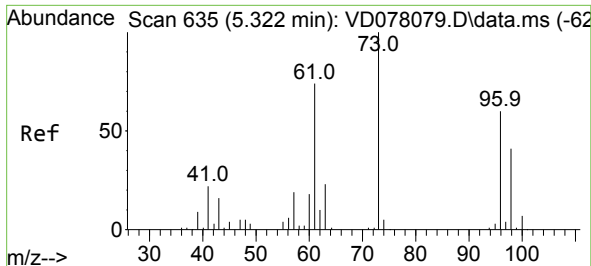
Tgt Ion: 73 Resp: 162171
Ion Ratio Lower Upper
73 100
57 23.6 16.6 25.0



#20
Methylene Chloride
Concen: 55.321 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.007 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion: 84 Resp: 91984
Ion Ratio Lower Upper
84 100
49 98.1 71.4 107.2
51 31.9 24.5 36.7
86 59.7 48.7 73.1

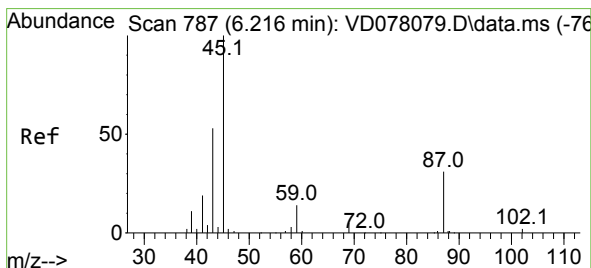
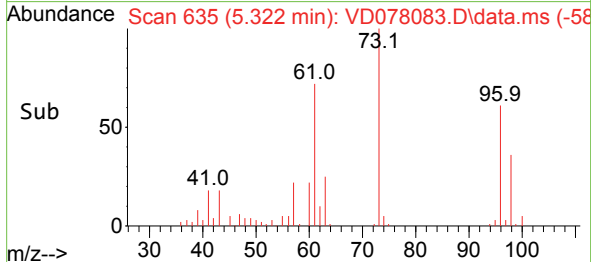
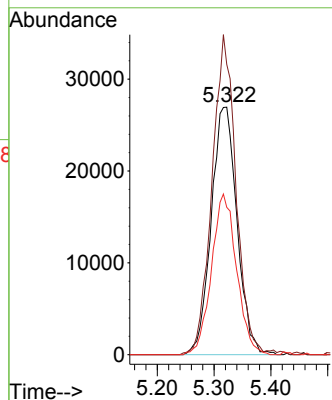
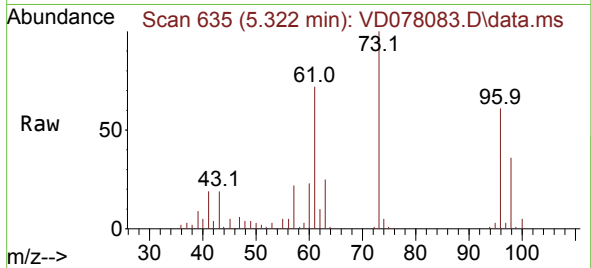




#21
trans-1,2-Dichloroethene
Concen: 51.064 ug/l
RT: 5.322 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

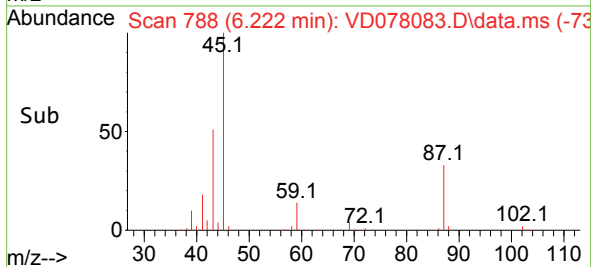
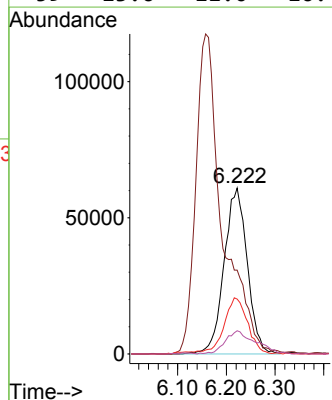
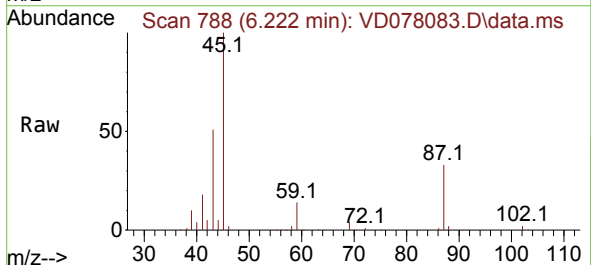
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

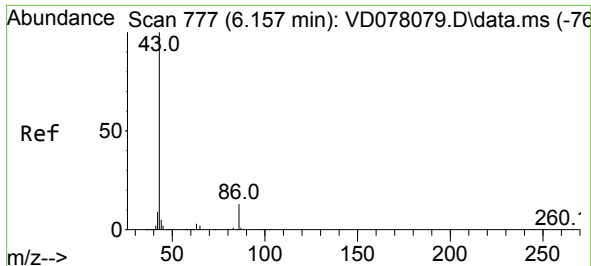
Tgt Ion: 96 Resp: 85111
Ion Ratio Lower Upper
96 100
61 117.2 89.3 133.9
98 59.6 48.6 73.0



#22
Diisopropyl ether
Concen: 51.534 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion: 45 Resp: 201739
Ion Ratio Lower Upper
45 100
43 49.2 40.0 60.0
87 32.8 28.2 42.4
59 13.6 11.0 16.4

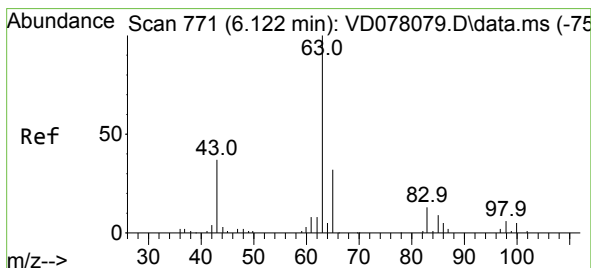
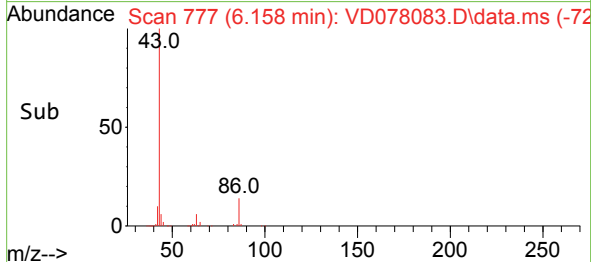
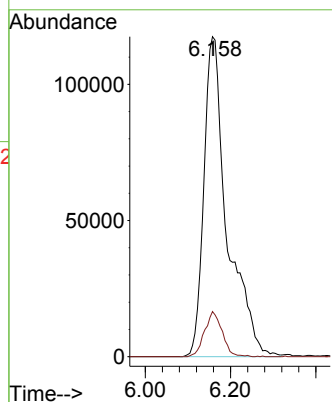
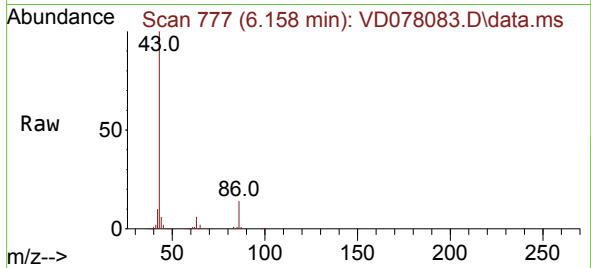




#23
 Vinyl Acetate
 Concen: 298.497 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078083.D
 Acq: 26 Dec 2023 15:19

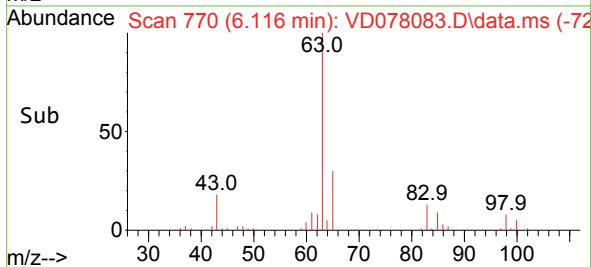
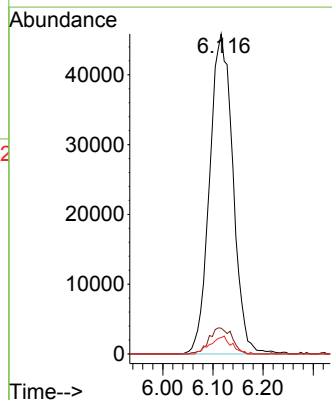
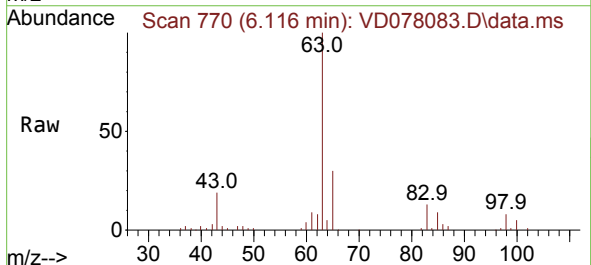
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD122623

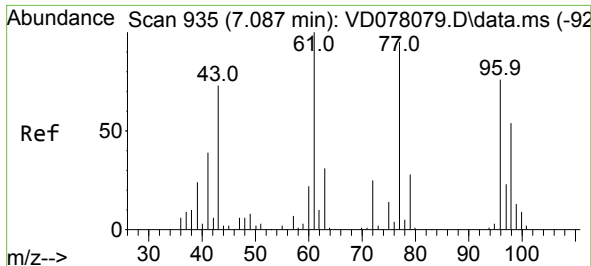
Tgt Ion: 43 Resp: 446733
 Ion Ratio Lower Upper
 43 100
 86 14.1 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 51.140 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VD078083.D
 Acq: 26 Dec 2023 15:19

Tgt Ion: 63 Resp: 148152
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.5 13.7
 100 5.1 2.5 7.5

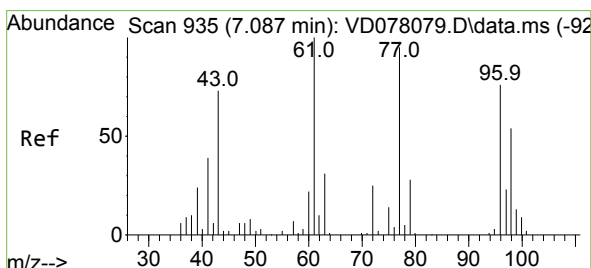
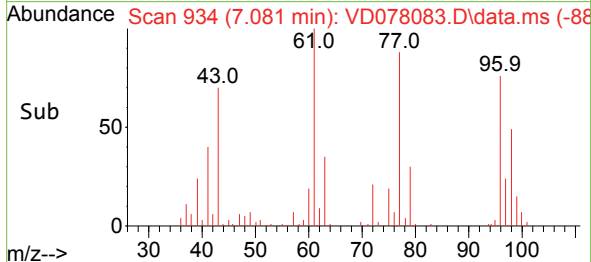
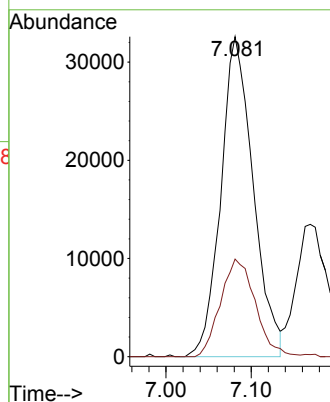
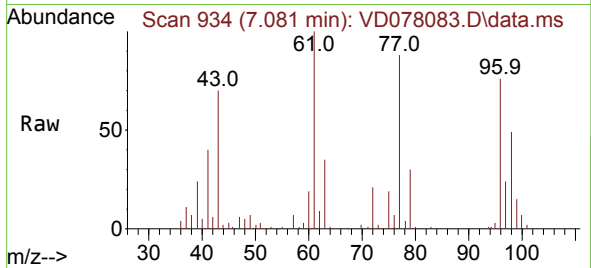




#25
2-Butanone
Concen: 237.219 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

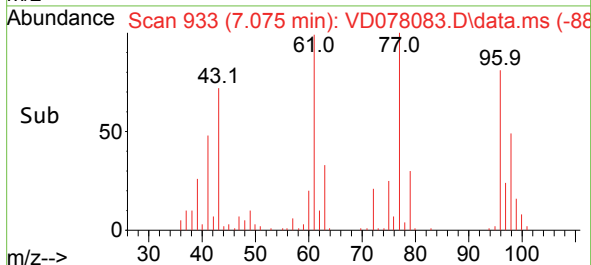
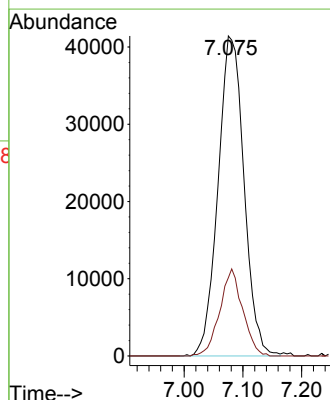
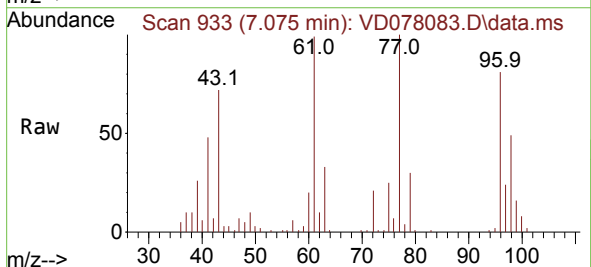
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

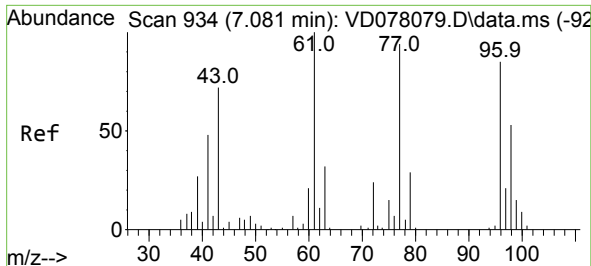
Tgt Ion: 43 Resp: 85984
Ion Ratio Lower Upper
43 100
72 30.5 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 48.825 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.012 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion: 77 Resp: 127078
Ion Ratio Lower Upper
77 100
97 24.0 13.2 39.6

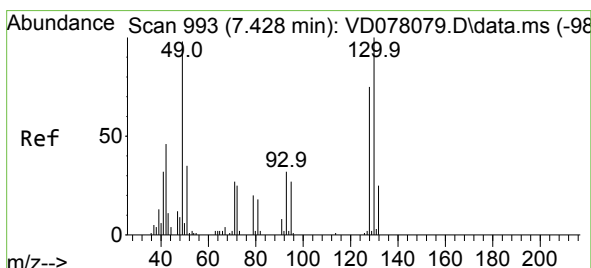
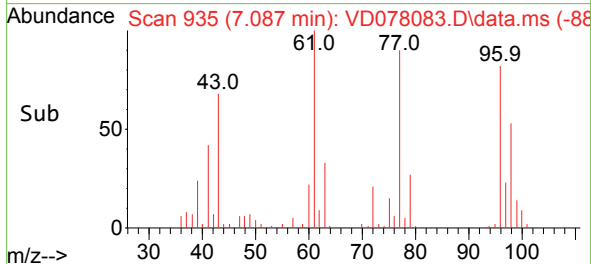
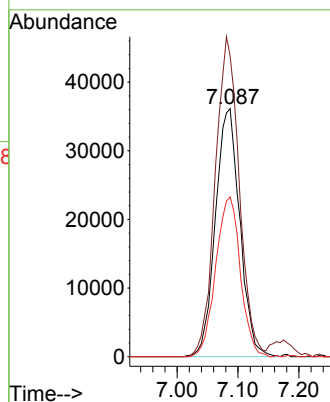
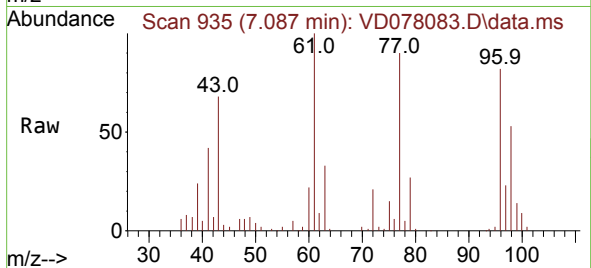




#27
 cis-1,2-Dichloroethene
 Concen: 50.838 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078083.D
 Acq: 26 Dec 2023 15:19

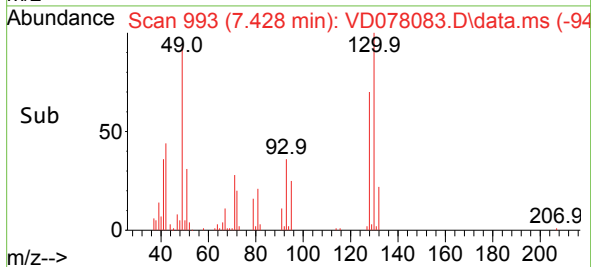
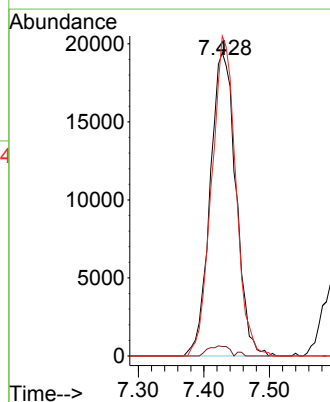
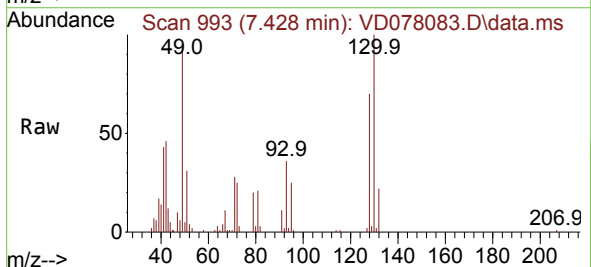
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD122623

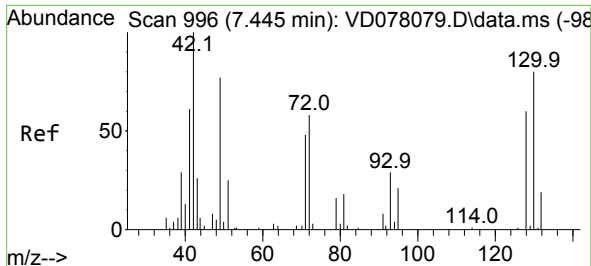
Tgt Ion: 96 Resp: 100527
 Ion Ratio Lower Upper
 96 100
 61 126.6 0.0 239.2
 98 65.0 0.0 128.6



#28
 Bromochloromethane
 Concen: 51.127 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078083.D
 Acq: 26 Dec 2023 15:19

Tgt Ion: 49 Resp: 52991
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 6.0
 130 98.6 83.2 124.8

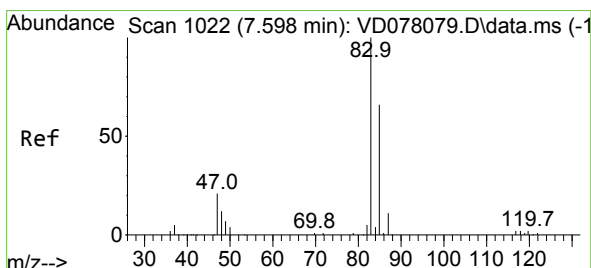
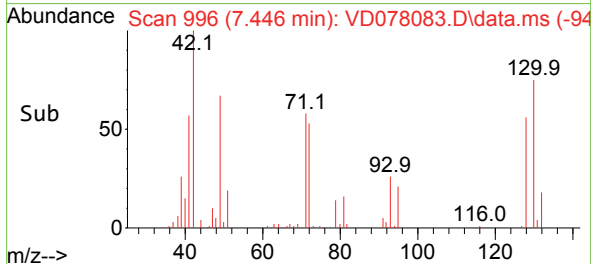
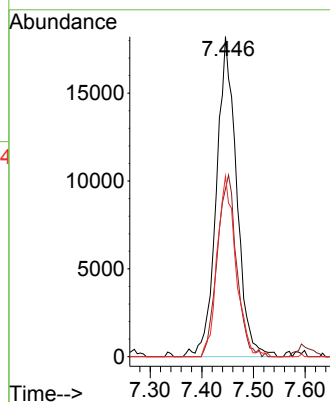
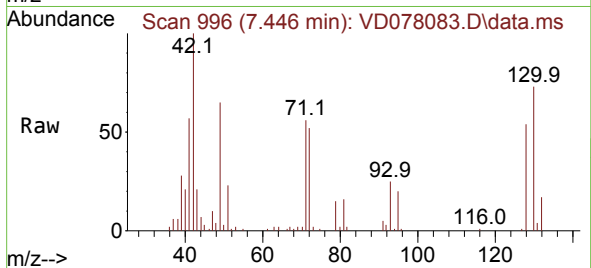




#29
Tetrahydrofuran
Concen: 234.569 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

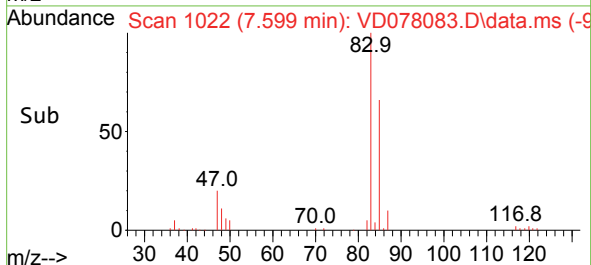
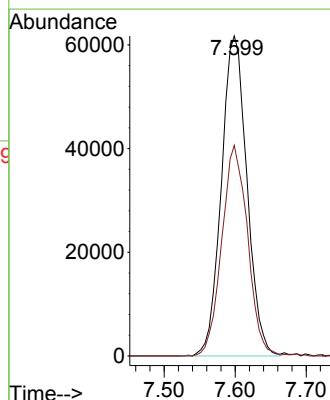
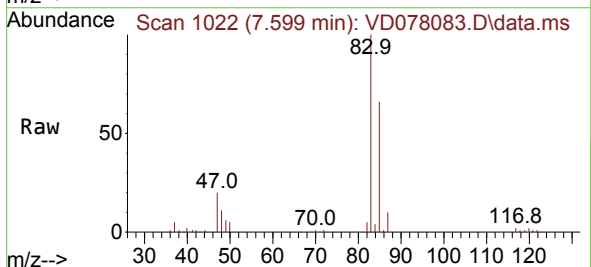
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

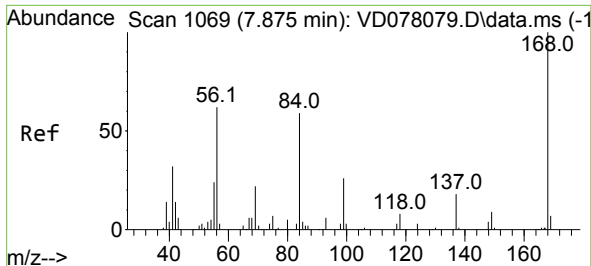
Tgt Ion: 42 Resp: 49573
Ion Ratio Lower Upper
42 100
72 54.2 46.5 69.7
71 51.5 44.5 66.7



#30
Chloroform
Concen: 49.124 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

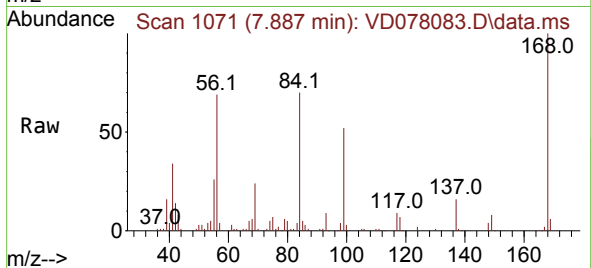
Tgt Ion: 83 Resp: 154224
Ion Ratio Lower Upper
83 100
85 65.8 53.4 80.2



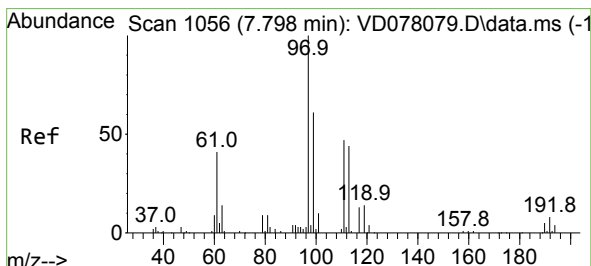
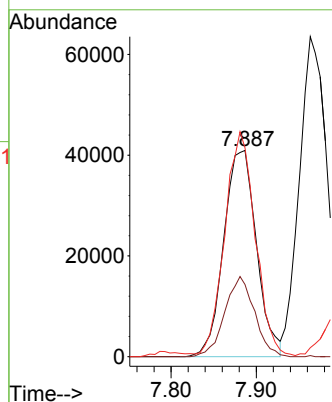
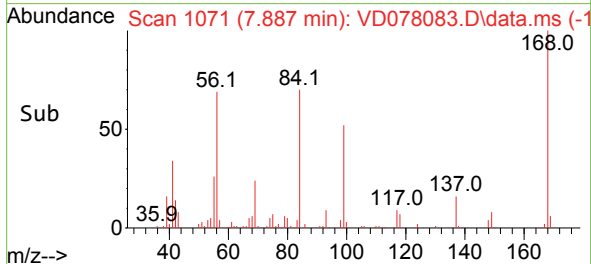


#31
Cyclohexane
Concen: 50.267 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. 0.012 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

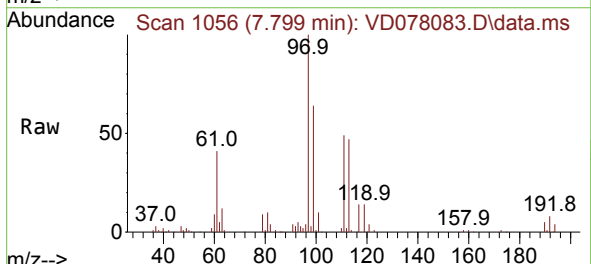
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623



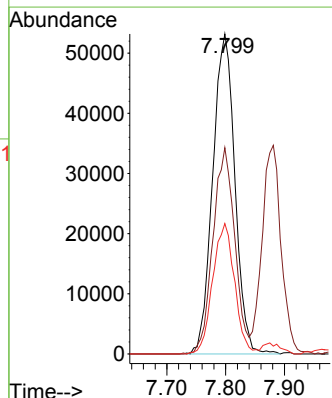
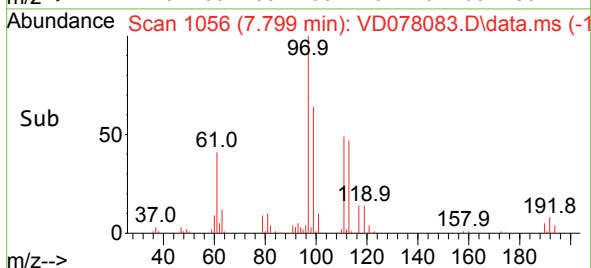
Tgt Ion: 56 Resp: 109473
Ion Ratio Lower Upper
56 100
69 35.0 28.6 43.0
84 99.7 84.8 127.2

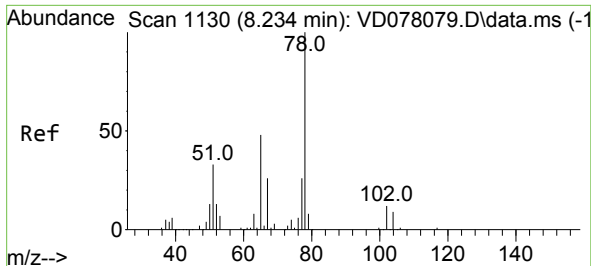


#32
1,1,1-Trichloroethane
Concen: 51.688 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19



Tgt Ion: 97 Resp: 139463
Ion Ratio Lower Upper
97 100
99 63.2 52.0 78.0
61 39.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.006 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078083.D

Acq: 26 Dec 2023 15:19

Instrument :

MSVOA_D

ClientSampleId :

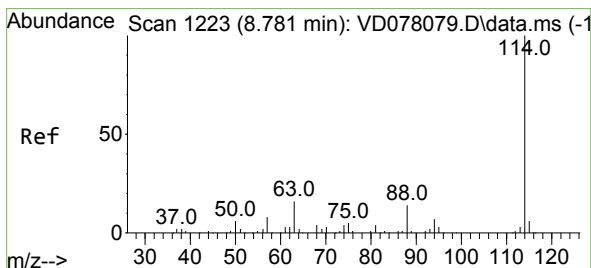
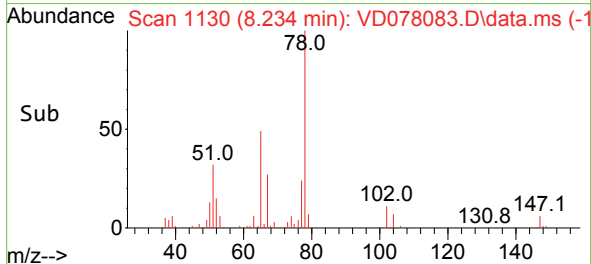
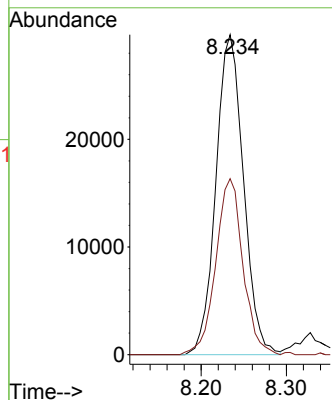
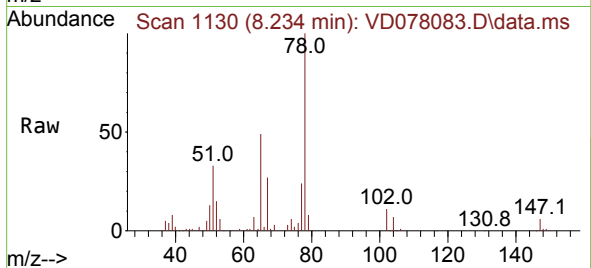
ICVVD122623

Tgt Ion: 65 Resp: 66903

Ion Ratio Lower Upper

65 100

67 54.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078083.D

Acq: 26 Dec 2023 15:19

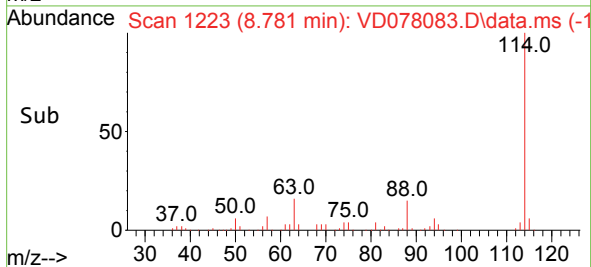
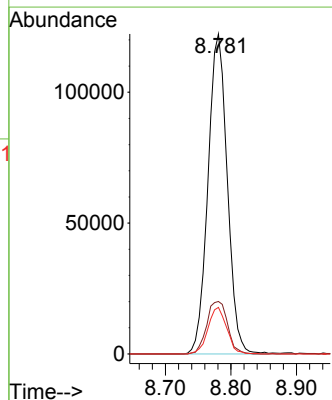
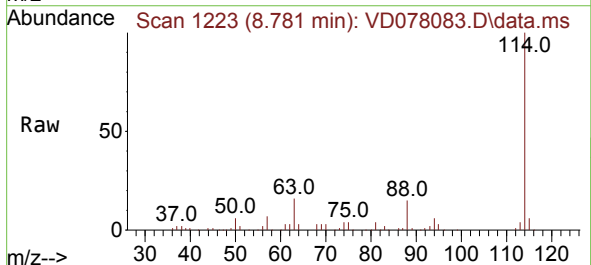
Tgt Ion: 114 Resp: 250630

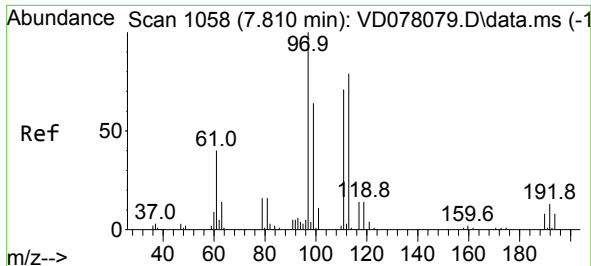
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.4

88 14.6 0.0 26.2

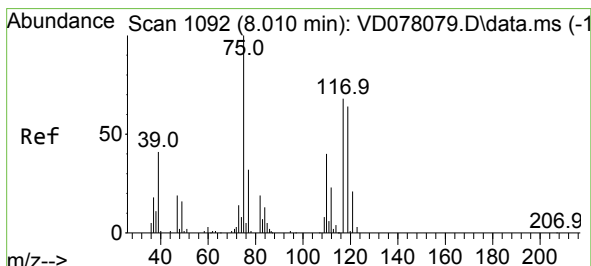
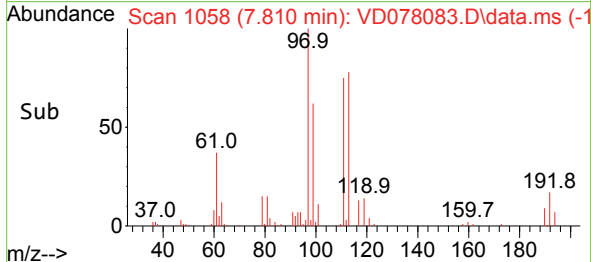
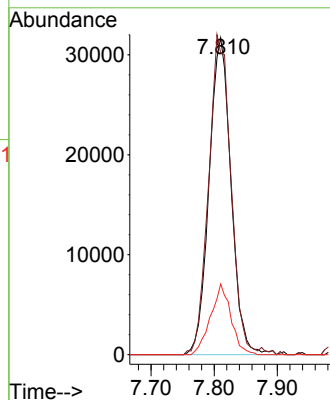
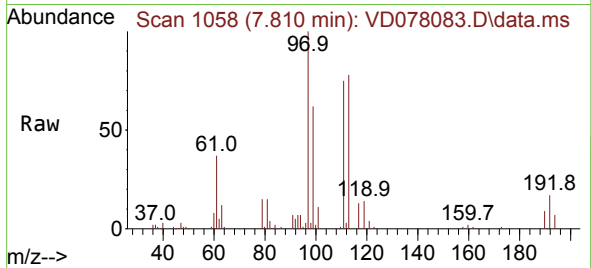




#35
Dibromofluoromethane
Concen: 47.472 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

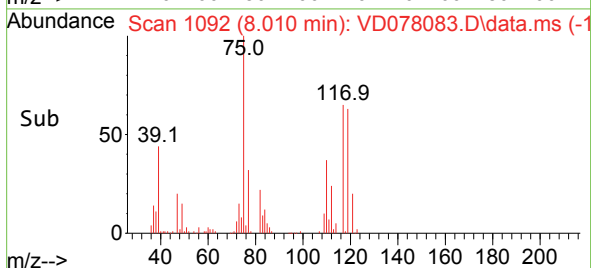
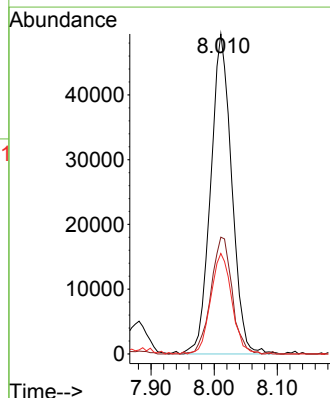
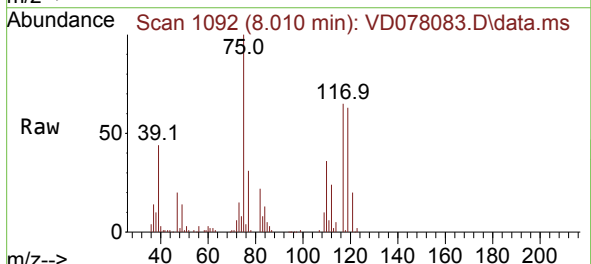
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

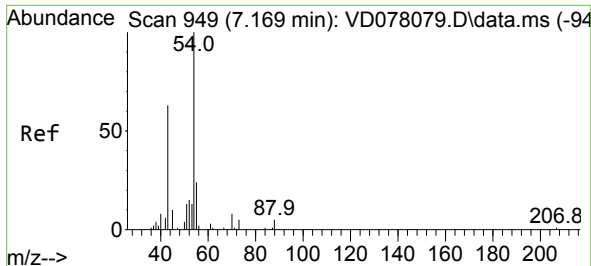
Tgt Ion:113 Resp: 76555
Ion Ratio Lower Upper
113 100
111 102.2 84.7 127.1
192 20.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.394 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion: 75 Resp: 114344
Ion Ratio Lower Upper
75 100
110 36.7 19.9 59.6
77 31.6 24.7 37.1

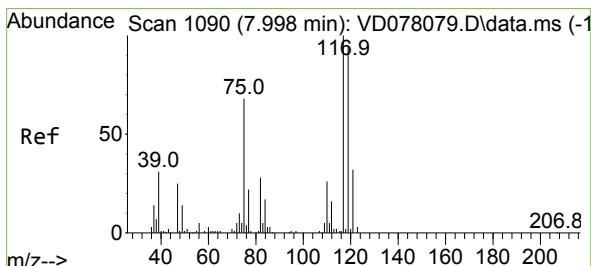
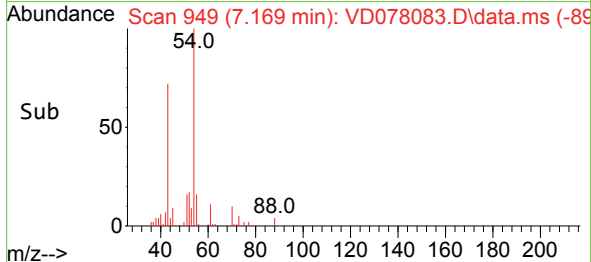
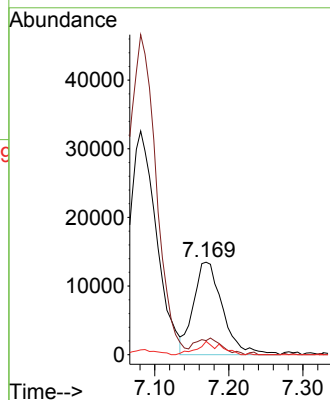
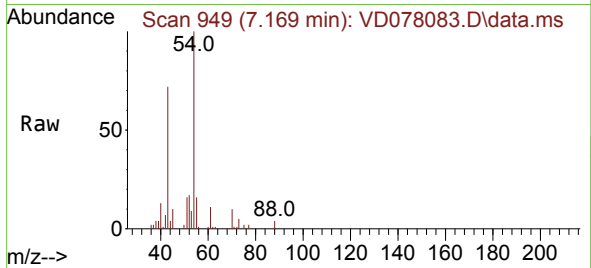




#37
Ethyl Acetate
Concen: 48.578 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

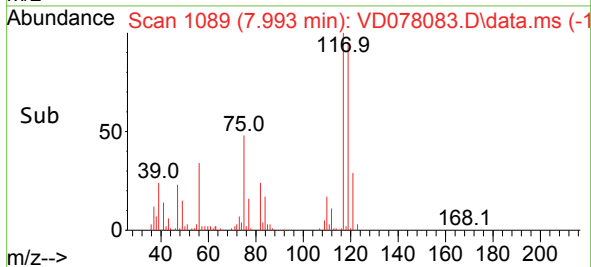
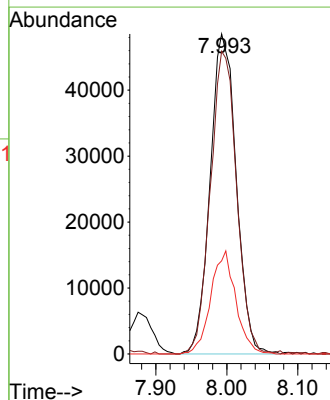
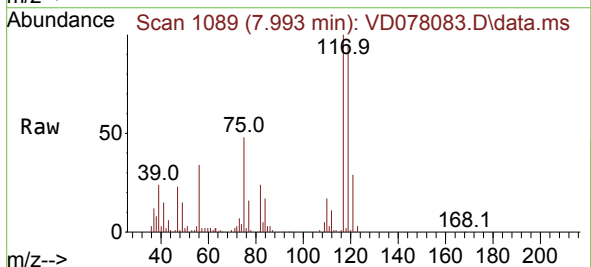
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

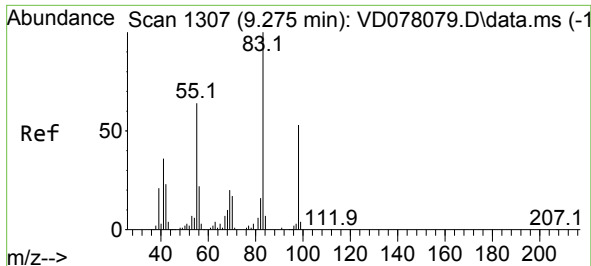
Tgt Ion: 43 Resp: 36660
Ion Ratio Lower Upper
43 100
61 16.1 14.9 22.3
70 11.6 10.0 15.0



#38
Carbon Tetrachloride
Concen: 50.303 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion: 117 Resp: 123680
Ion Ratio Lower Upper
117 100
119 94.6 78.0 117.0
121 29.1 24.2 36.2





#39

Methylcyclohexane

Concen: 51.464 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078083.D

Acq: 26 Dec 2023 15:19

Instrument :

MSVOA_D

ClientSampleId :

ICVVD122623

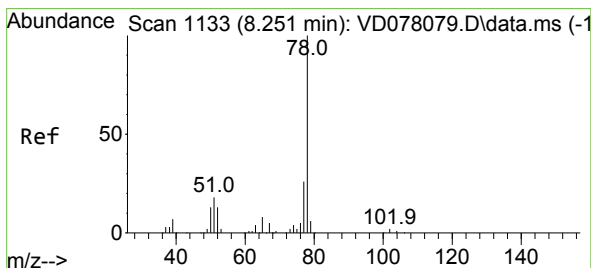
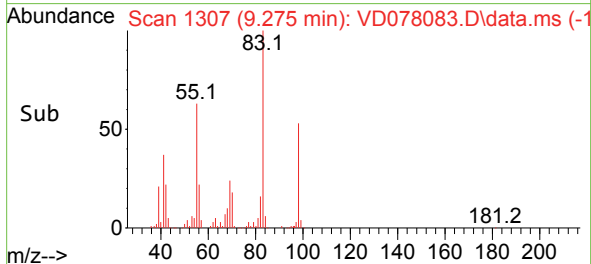
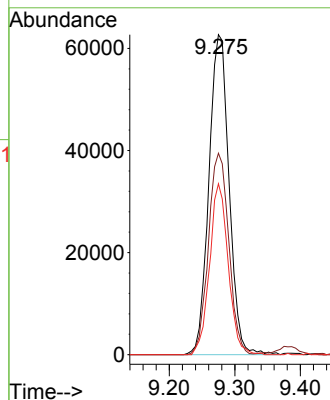
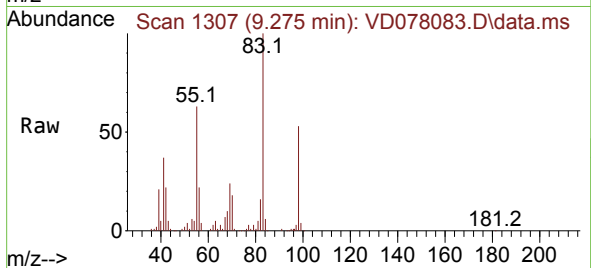
Tgt Ion: 83 Resp: 133878

Ion Ratio Lower Upper

83 100

55 63.0 49.4 74.0

98 53.4 38.4 57.6



#40

Benzene

Concen: 50.806 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078083.D

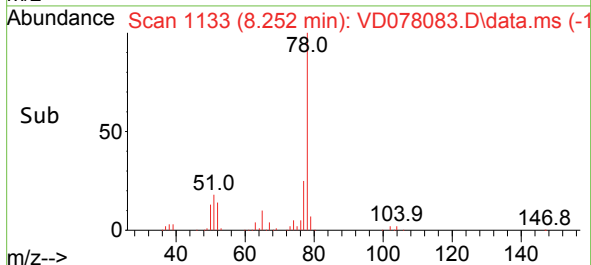
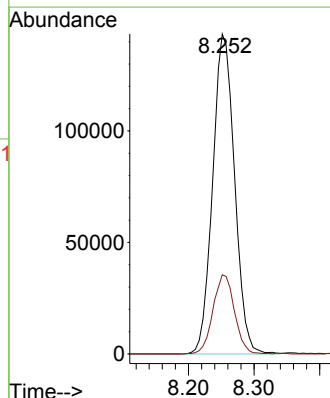
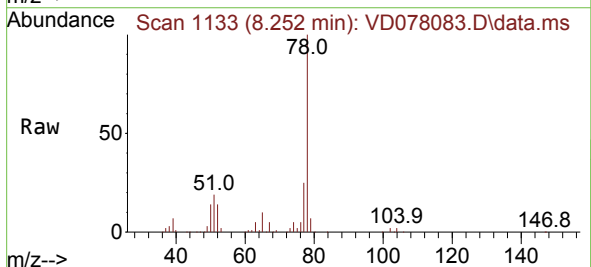
Acq: 26 Dec 2023 15:19

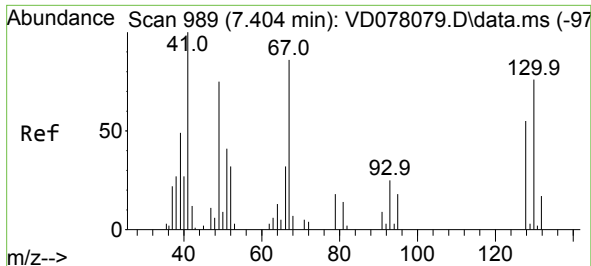
Tgt Ion: 78 Resp: 332260

Ion Ratio Lower Upper

78 100

77 24.8 19.4 29.0

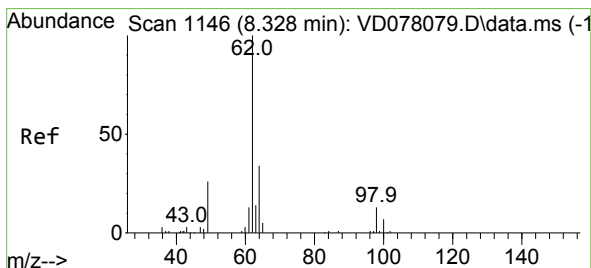
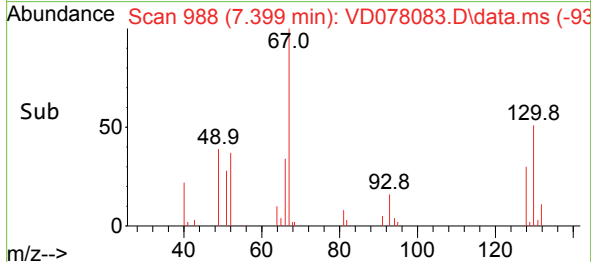
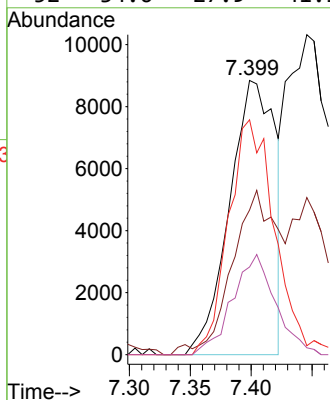
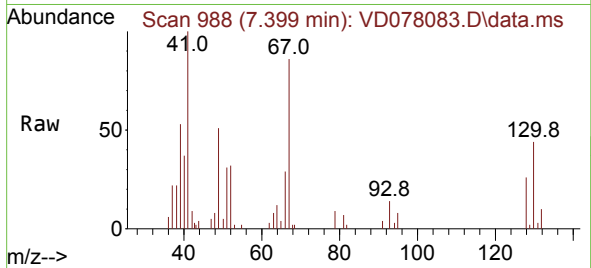




#41
Methacrylonitrile
Concen: 48.269 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

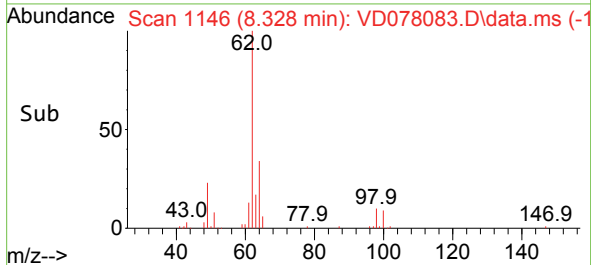
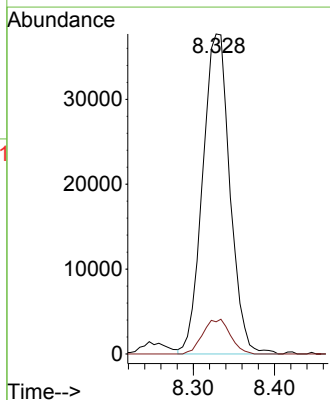
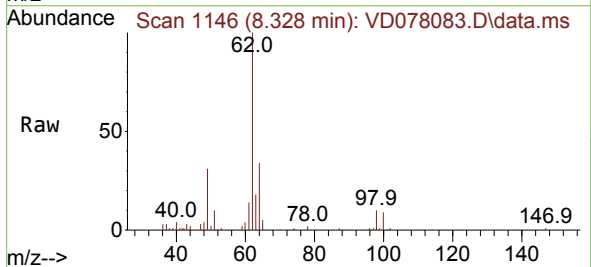
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

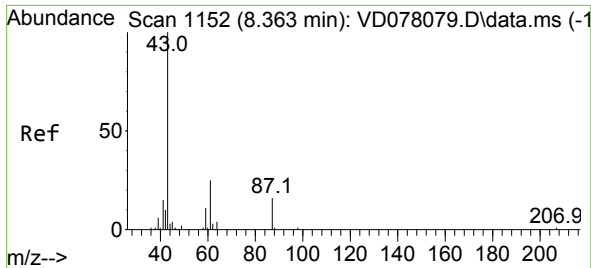
Tgt Ion: 41 Resp: 23045
Ion Ratio Lower Upper
41 100
39 61.3 34.0 51.0#
67 87.8 77.0 115.4
52 34.6 27.9 41.9



#42
1,2-Dichloroethane
Concen: 49.764 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion: 62 Resp: 87950
Ion Ratio Lower Upper
62 100
98 10.9 0.0 25.4

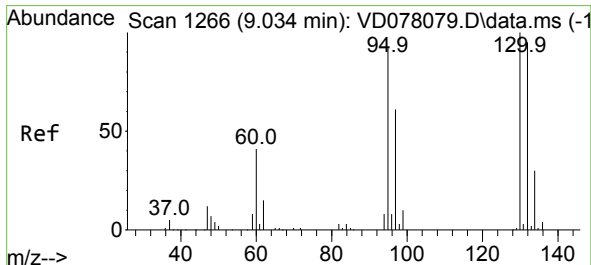
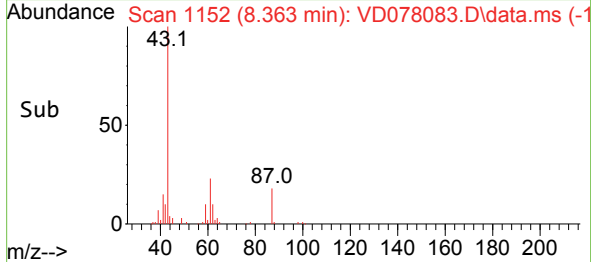
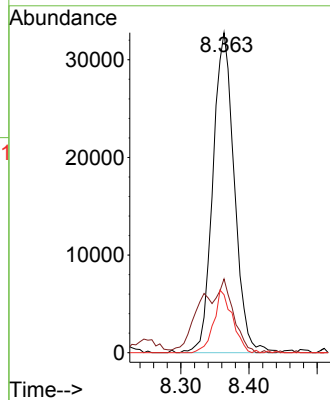
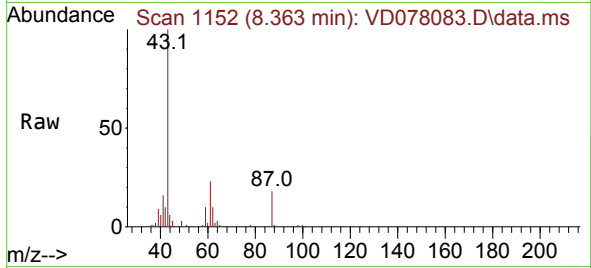




#43
Isopropyl Acetate
Concen: 47.423 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

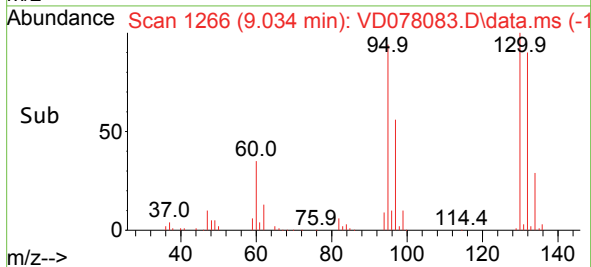
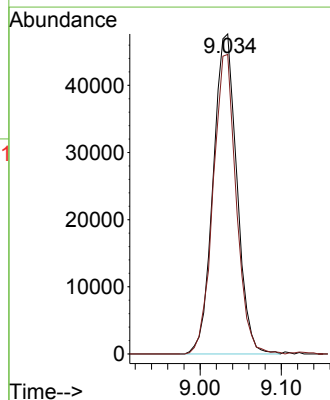
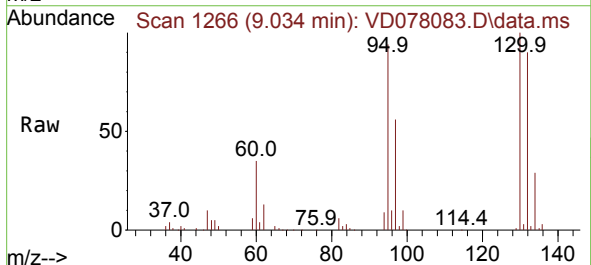
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

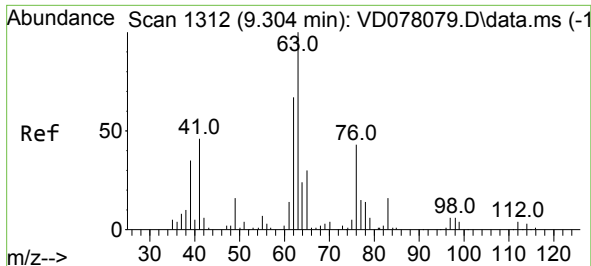
Tgt Ion: 43 Resp: 71650
Ion Ratio Lower Upper
43 100
61 18.4 31.4 47.0#
87 17.0 14.9 22.3



#44
Trichloroethene
Concen: 51.366 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion:130 Resp: 96644
Ion Ratio Lower Upper
130 100
95 93.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 49.984 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD078083.D

Acq: 26 Dec 2023 15:19

Instrument :

MSVOA_D

ClientSampleId :

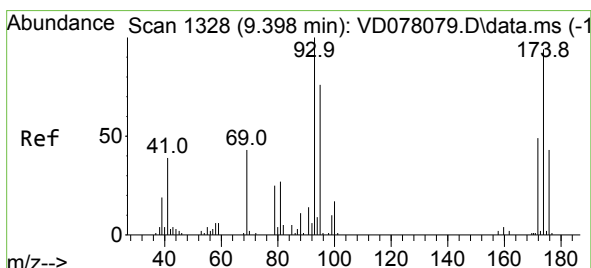
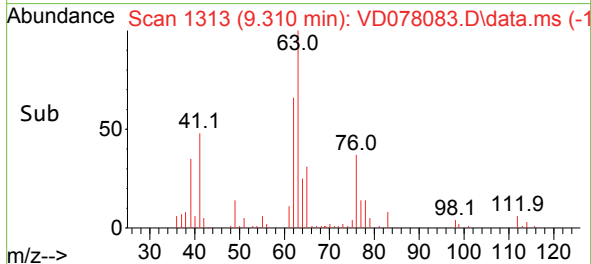
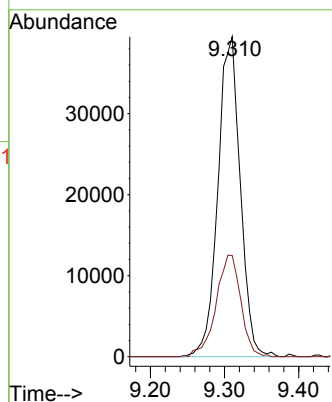
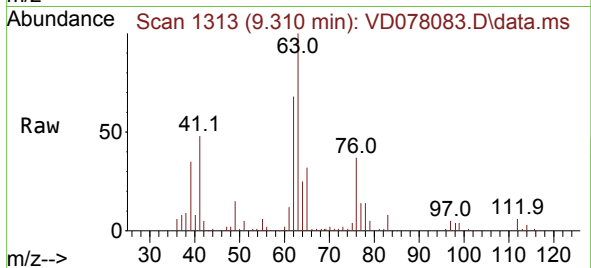
ICVVD122623

Tgt Ion: 63 Resp: 82831

Ion Ratio Lower Upper

63 100

65 31.6 24.5 36.7



#46

Dibromomethane

Concen: 51.596 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078083.D

Acq: 26 Dec 2023 15:19

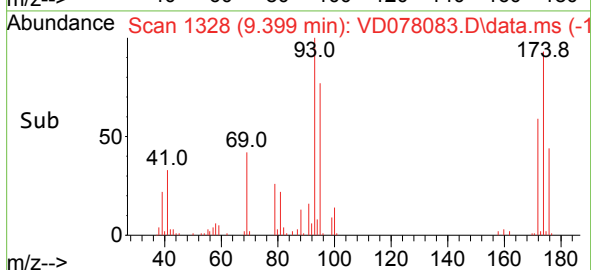
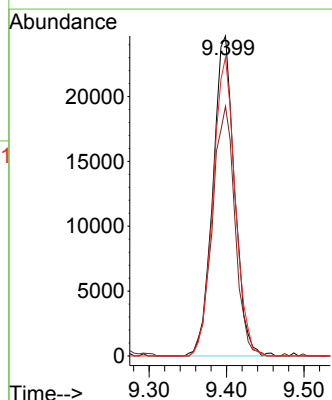
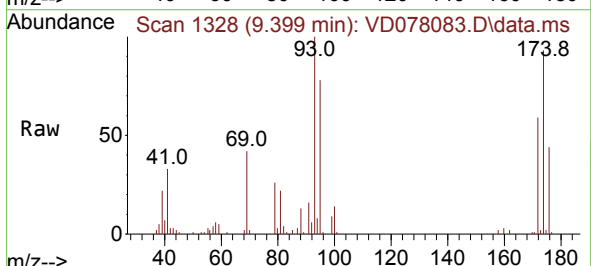
Tgt Ion: 93 Resp: 47889

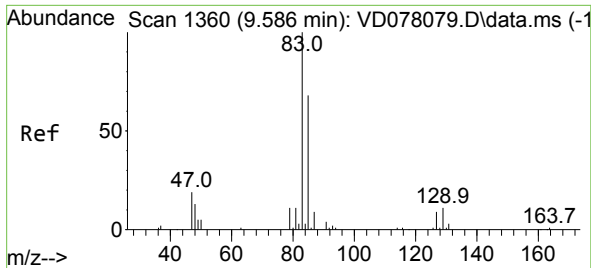
Ion Ratio Lower Upper

93 100

95 81.3 67.7 101.5

174 95.2 85.4 128.2

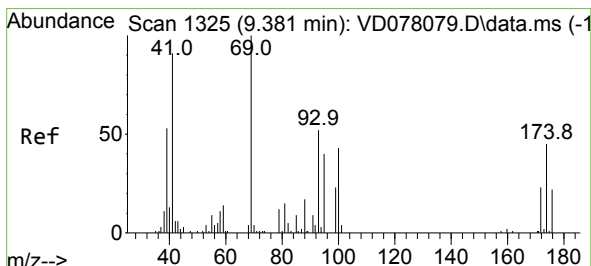
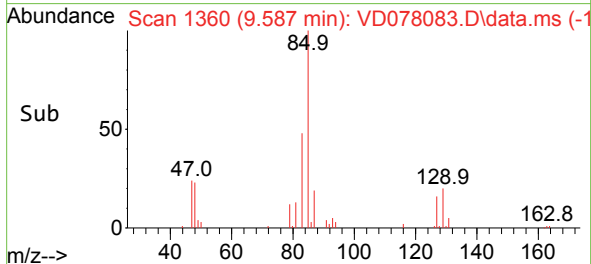
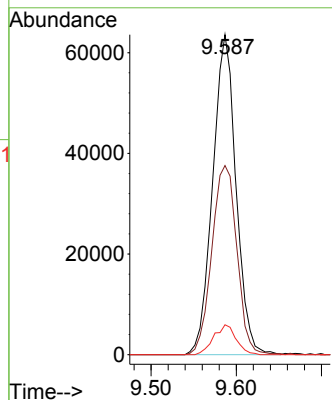
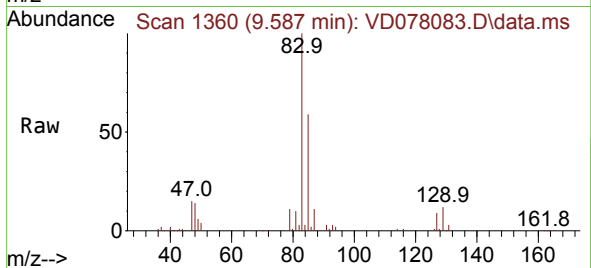




#47
Bromodichloromethane
Concen: 50.211 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

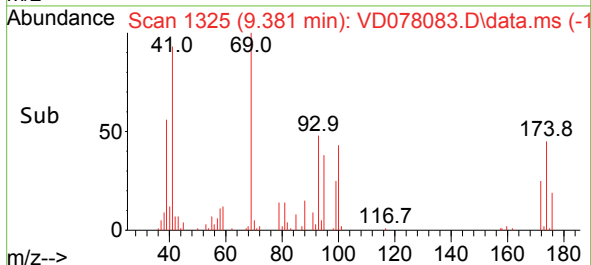
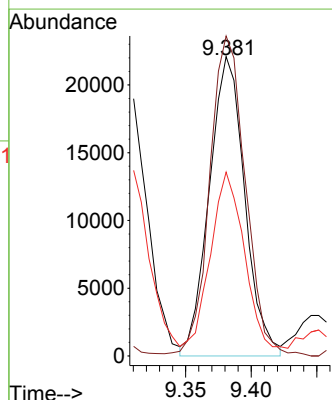
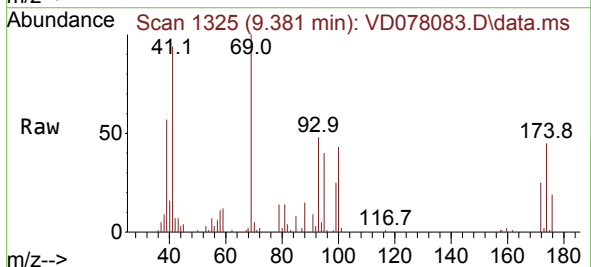
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

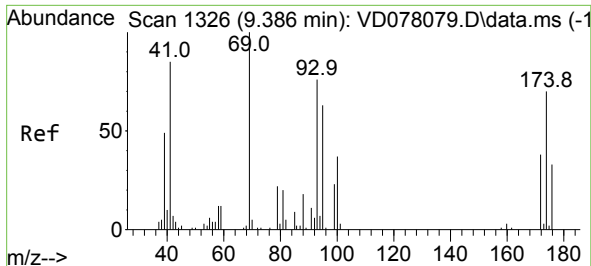
Tgt Ion: 83 Resp: 121056
Ion Ratio Lower Upper
83 100
85 59.1 50.2 75.4
127 9.3 6.3 9.5



#48
Methyl methacrylate
Concen: 48.840 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion: 41 Resp: 41586
Ion Ratio Lower Upper
41 100
69 107.4 102.2 153.2
39 61.3 41.4 62.2





#49

1,4-Dioxane

Concen: 947.786 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078083.D

Acq: 26 Dec 2023 15:19

Instrument :

MSVOA_D

ClientSampleId :

ICVVD122623

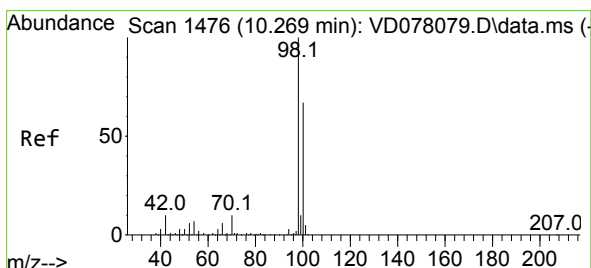
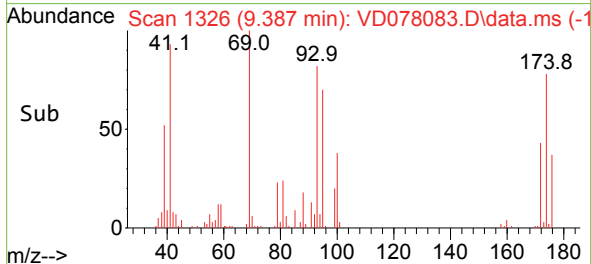
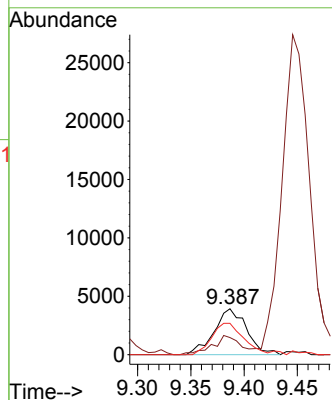
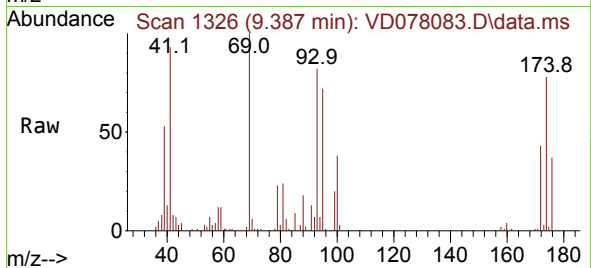
Tgt Ion: 88 Resp: 8316

Ion Ratio Lower Upper

88 100

43 34.4 19.0 28.6#

58 69.1 43.5 65.3#



#50

Toluene-d8

Concen: 49.531 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078083.D

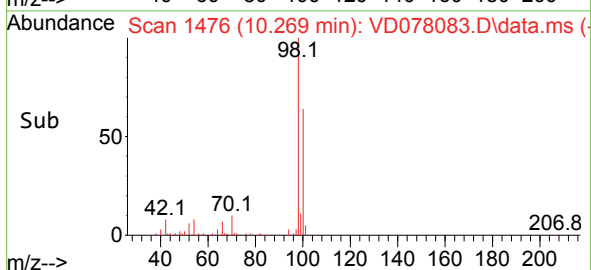
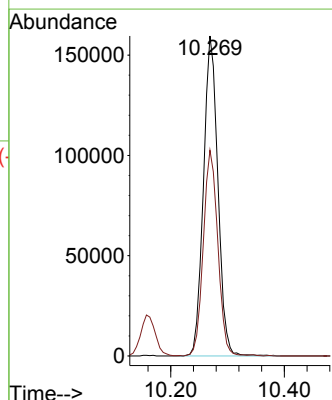
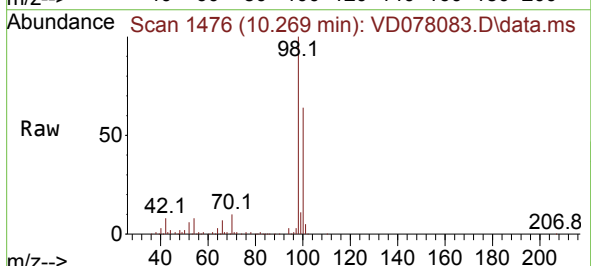
Acq: 26 Dec 2023 15:19

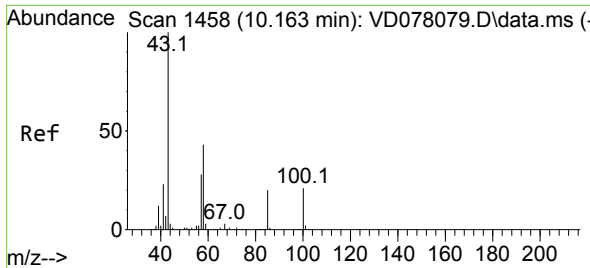
Tgt Ion: 98 Resp: 281055

Ion Ratio Lower Upper

98 100

100 64.5 50.3 75.5

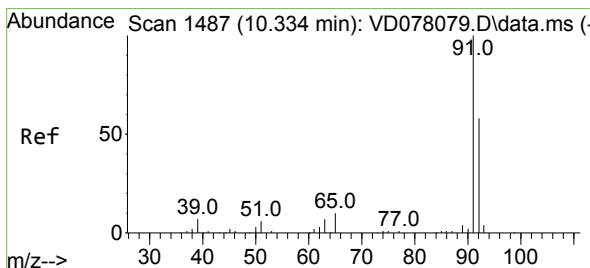
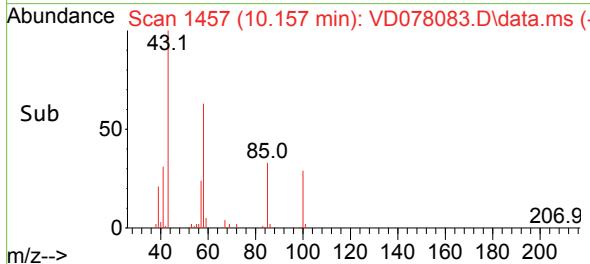
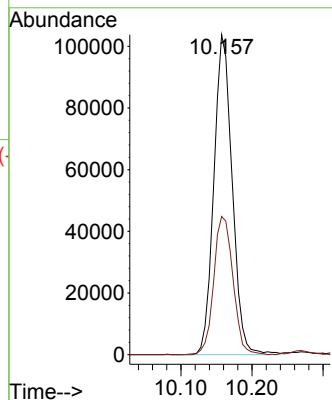
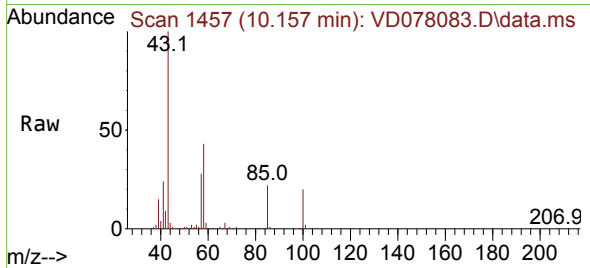




#51
4-Methyl-2-Pentanone
Concen: 240.100 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

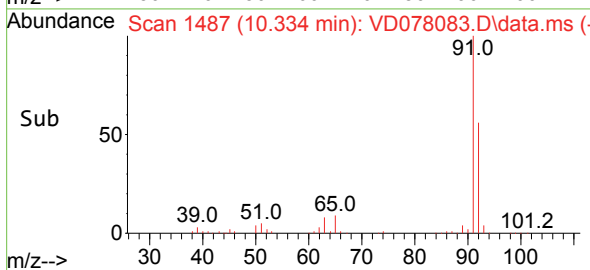
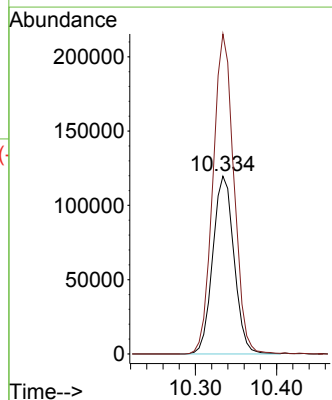
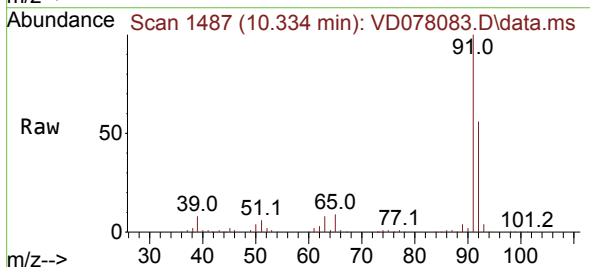
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

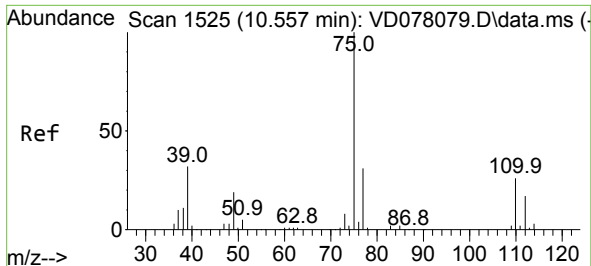
Tgt Ion: 43 Resp: 186138
Ion Ratio Lower Upper
43 100
58 45.1 38.9 58.3



#52
Toluene
Concen: 51.324 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion: 92 Resp: 217701
Ion Ratio Lower Upper
92 100
91 177.7 143.0 214.4

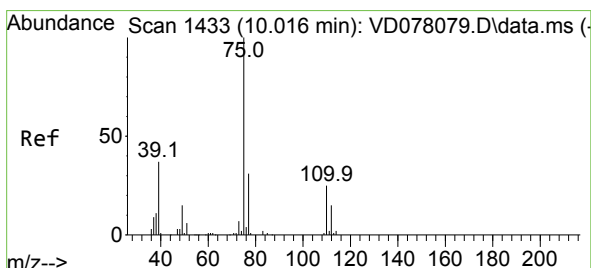
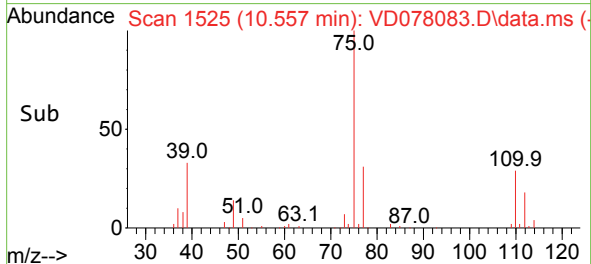
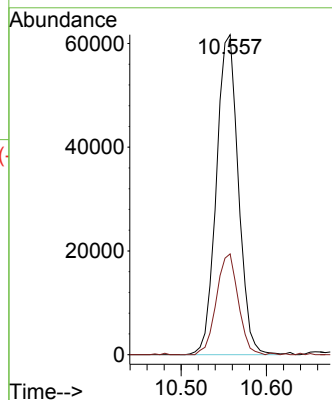
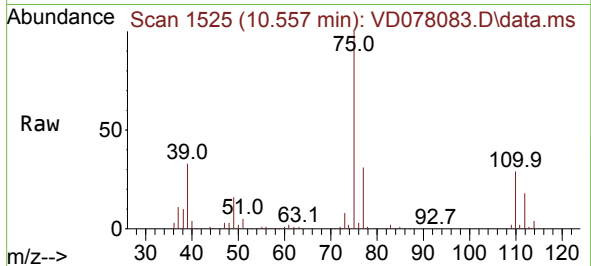




#53
 t-1,3-Dichloropropene
 Concen: 50.476 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD078083.D
 Acq: 26 Dec 2023 15:19

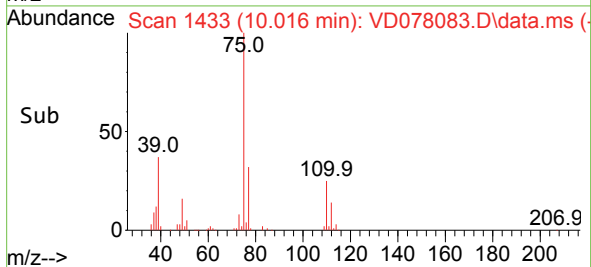
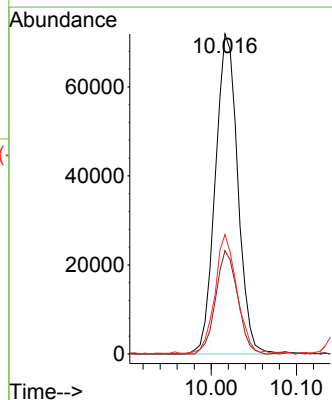
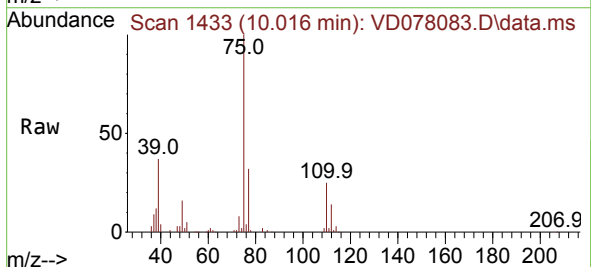
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD122623

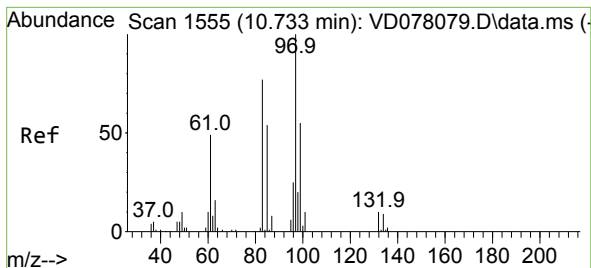
Tgt Ion: 75 Resp: 110413
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 50.153 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078083.D
 Acq: 26 Dec 2023 15:19

Tgt Ion: 75 Resp: 131746
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.5 38.3
 39 37.1 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 48.571 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078083.D

Acq: 26 Dec 2023 15:19

Instrument :

MSVOA_D

ClientSampleId :

ICVVD122623

Tgt Ion: 97 Resp: 63440

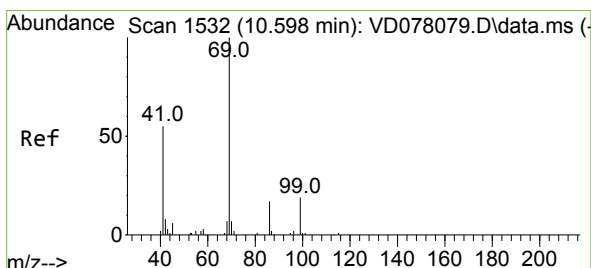
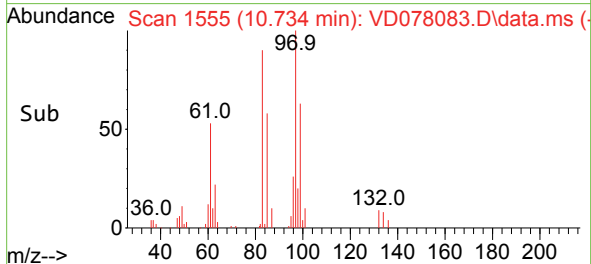
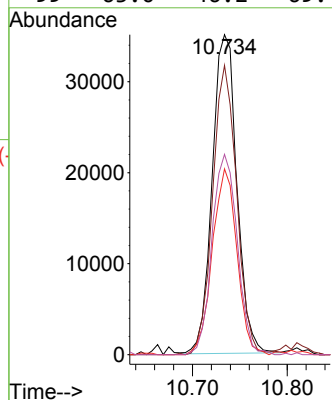
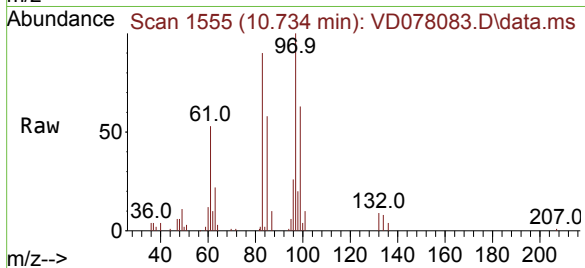
Ion Ratio Lower Upper

97 100

83 90.5 65.8 98.6

85 58.4 45.7 68.5

99 63.0 46.2 69.4



#56

Ethyl methacrylate

Concen: 49.520 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078083.D

Acq: 26 Dec 2023 15:19

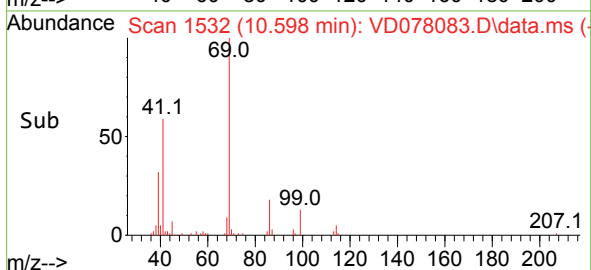
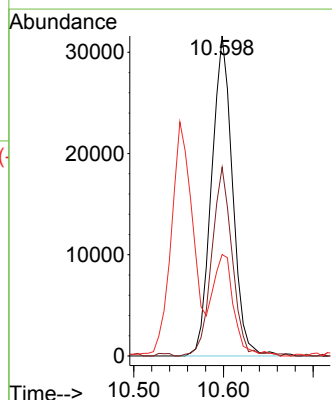
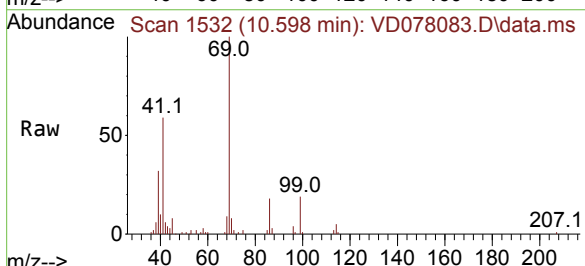
Tgt Ion: 69 Resp: 51328

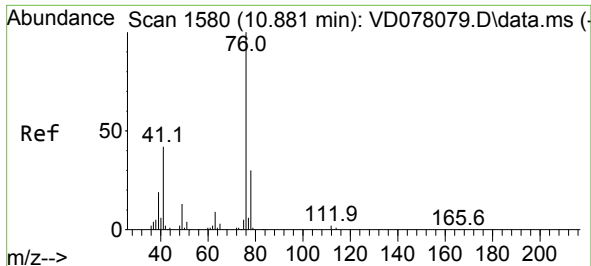
Ion Ratio Lower Upper

69 100

41 58.0 39.1 58.7

39 31.3 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 48.611 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078083.D

Acq: 26 Dec 2023 15:19

Instrument :

MSVOA_D

ClientSampleId :

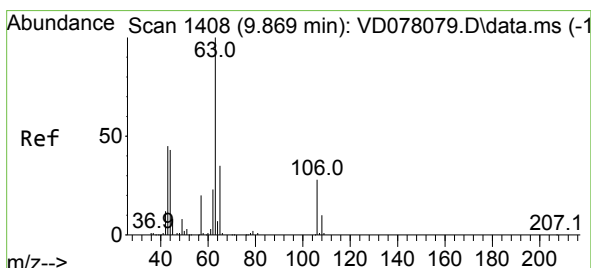
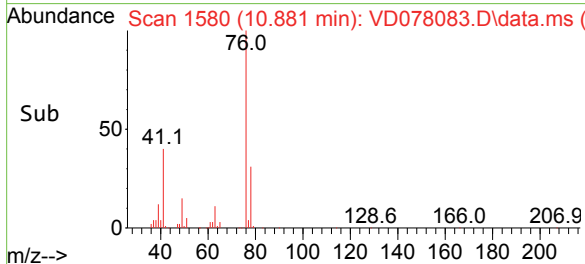
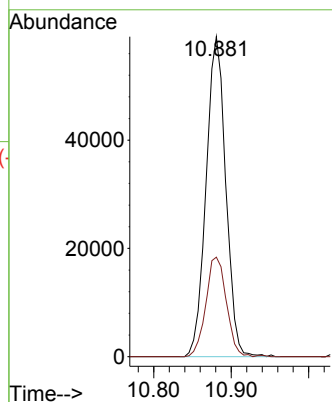
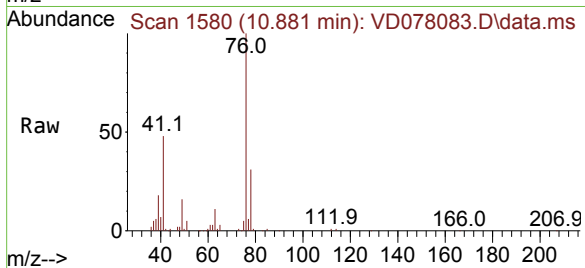
ICVVD122623

Tgt Ion: 76 Resp: 104317

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 297.528 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078083.D

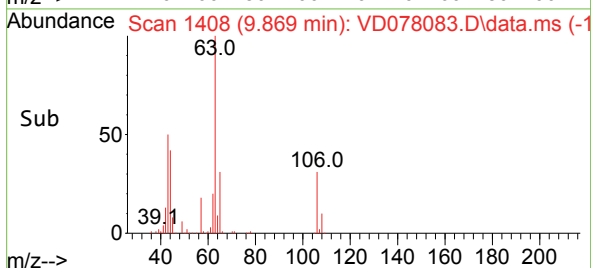
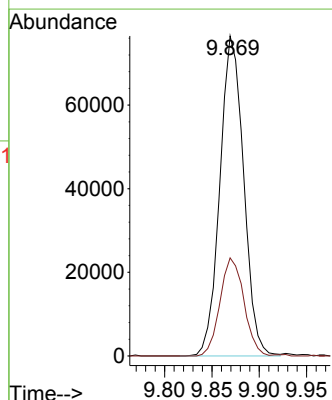
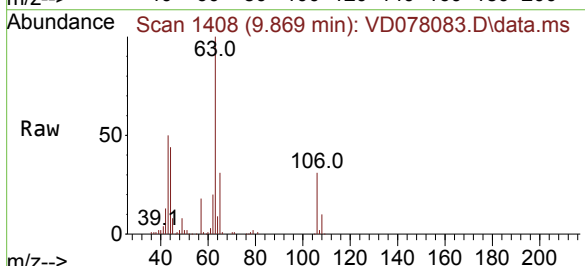
Acq: 26 Dec 2023 15:19

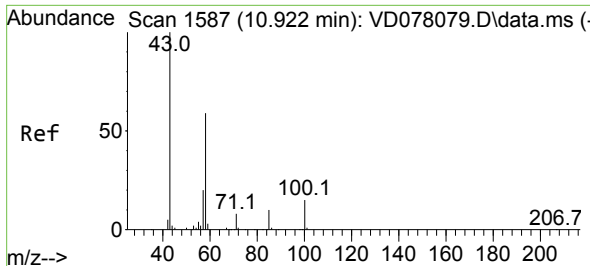
Tgt Ion: 63 Resp: 133519

Ion Ratio Lower Upper

63 100

106 30.9 25.3 37.9

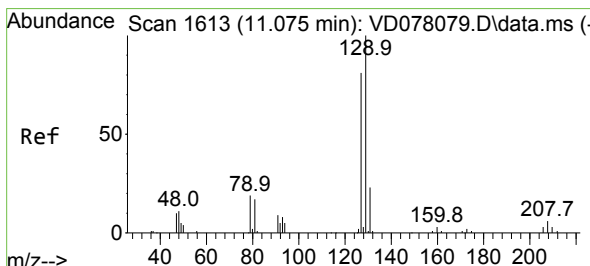
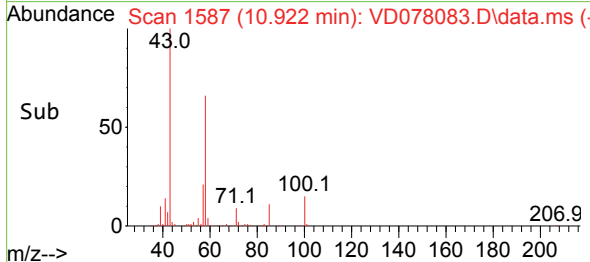
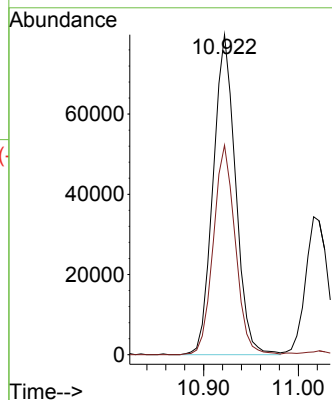
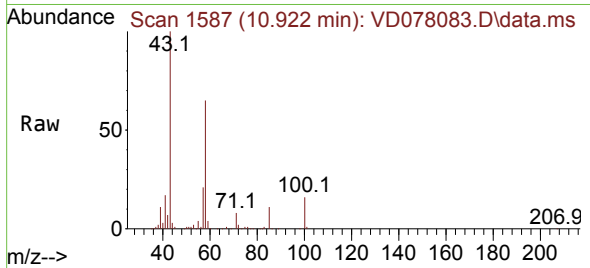




#59
2-Hexanone
Concen: 217.724 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

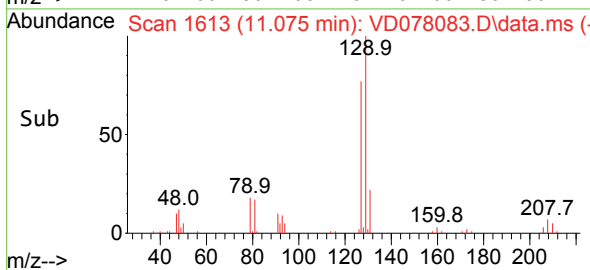
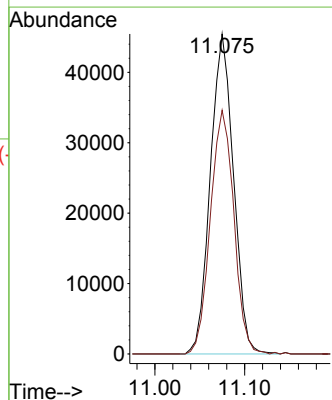
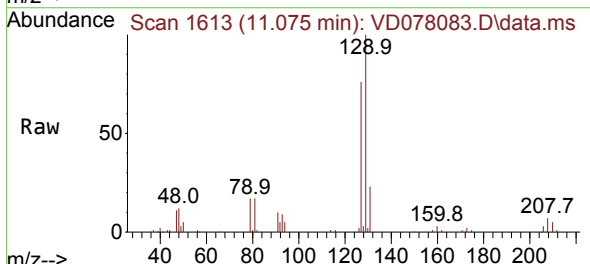
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

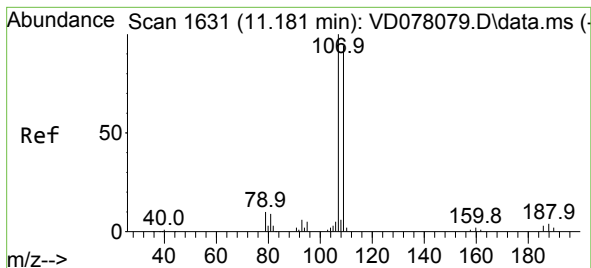
Tgt Ion: 43 Resp: 131111
Ion Ratio Lower Upper
43 100
58 64.1 34.1 102.2



#60
Dibromochloromethane
Concen: 48.998 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion: 129 Resp: 81528
Ion Ratio Lower Upper
129 100
127 77.2 37.1 111.5

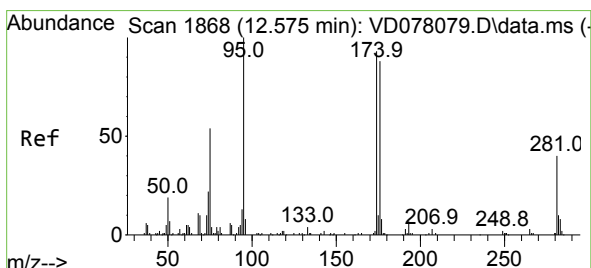
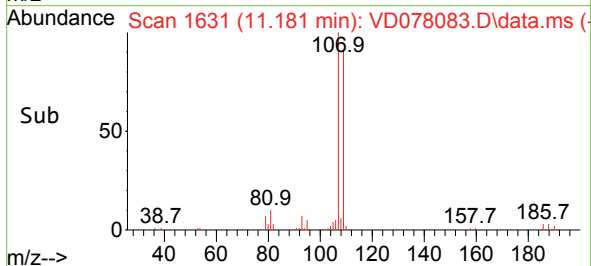
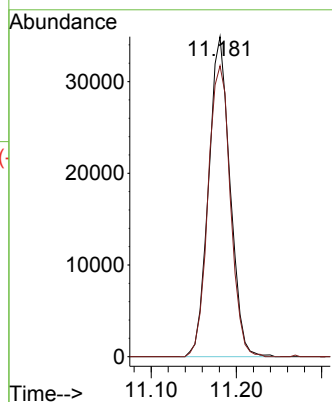
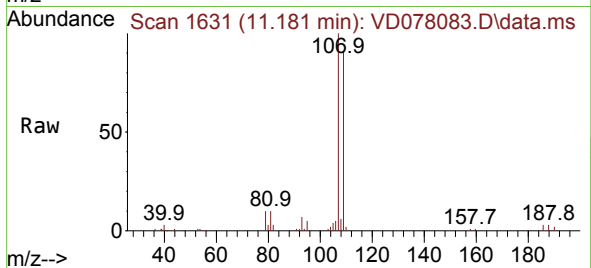




#61
 1,2-Dibromoethane
 Concen: 48.836 ug/l
 RT: 11.181 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VD078083.D
 Acq: 26 Dec 2023 15:19

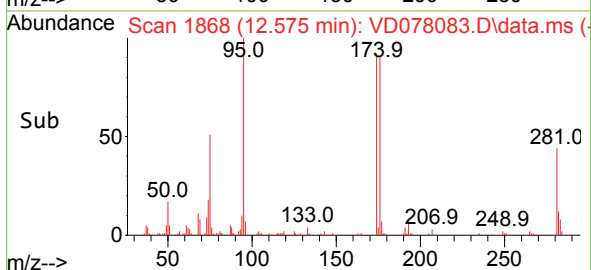
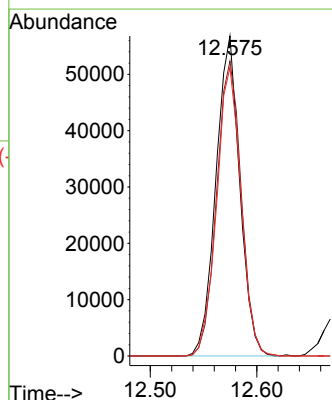
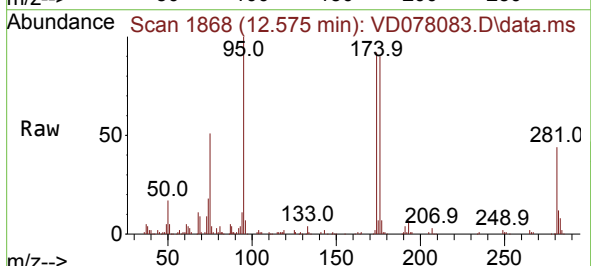
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD122623

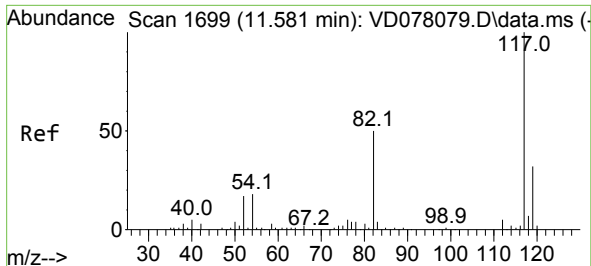
Tgt Ion:107 Resp: 61153
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.318 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VD078083.D
 Acq: 26 Dec 2023 15:19

Tgt Ion: 95 Resp: 88218
 Ion Ratio Lower Upper
 95 100
 174 95.1 0.0 201.8
 176 92.1 0.0 191.8

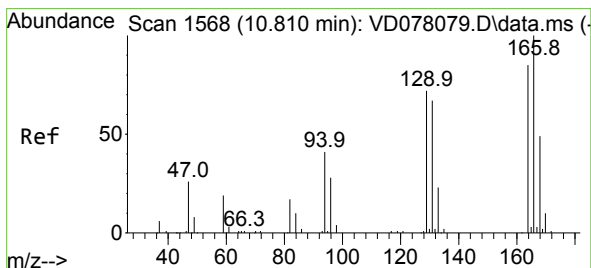
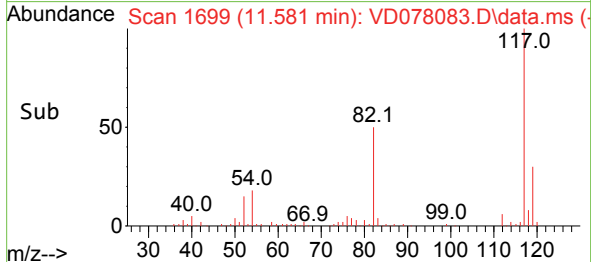
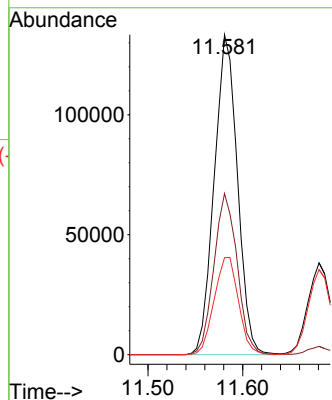
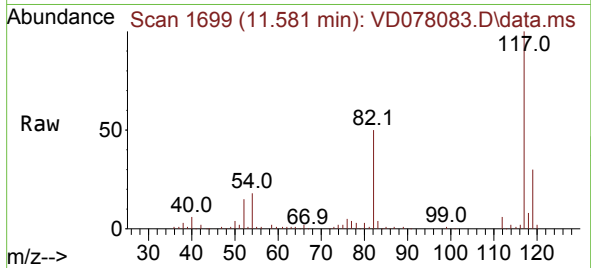




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

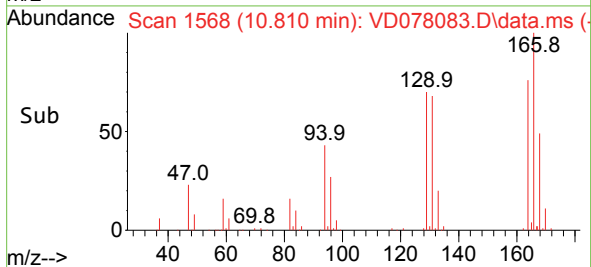
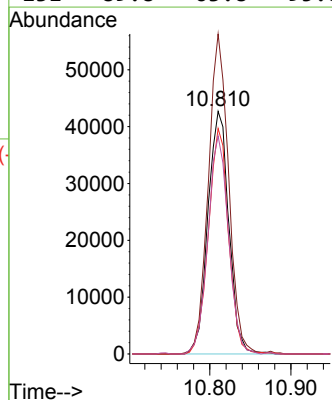
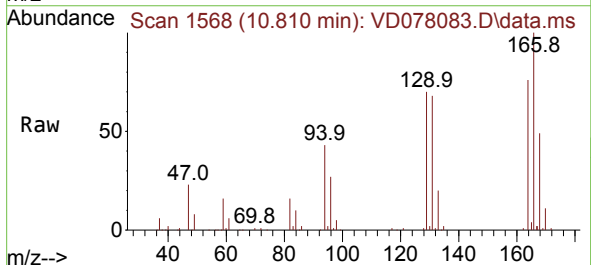
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

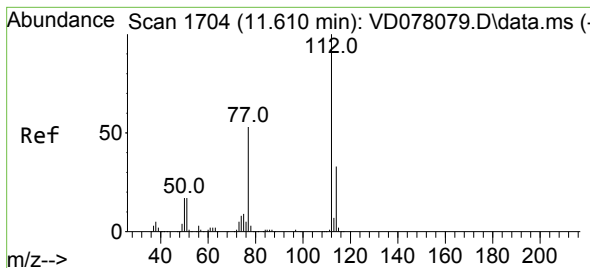
Tgt Ion:117 Resp: 227672
Ion Ratio Lower Upper
117 100
82 50.3 38.3 57.5
119 30.3 25.0 37.4



#64
Tetrachloroethene
Concen: 49.628 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion:164 Resp: 76348
Ion Ratio Lower Upper
164 100
166 131.9 99.2 148.8
129 92.9 68.4 102.6
131 89.8 63.8 95.8





#65

Chlorobenzene

Concen: 48.395 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD078083.D

Acq: 26 Dec 2023 15:19

Instrument :

MSVOA_D

ClientSampleId :

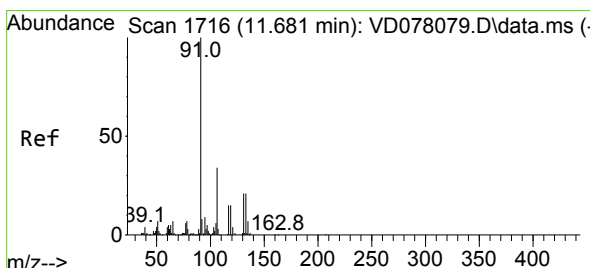
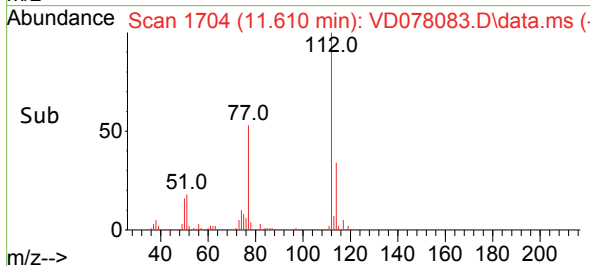
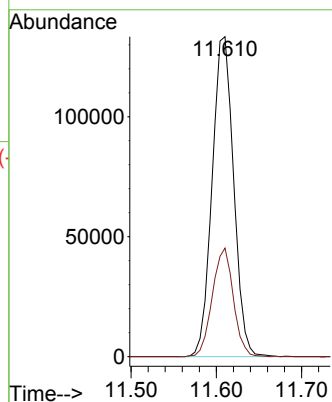
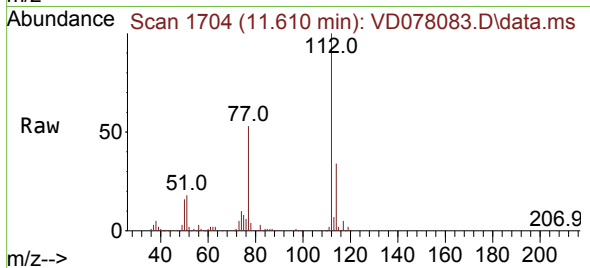
ICVVD122623

Tgt Ion:112 Resp: 234079

Ion Ratio Lower Upper

112 100

114 34.0 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 48.954 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078083.D

Acq: 26 Dec 2023 15:19

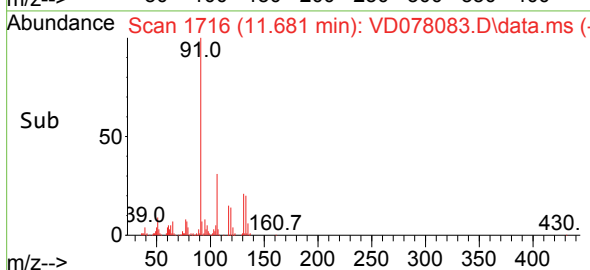
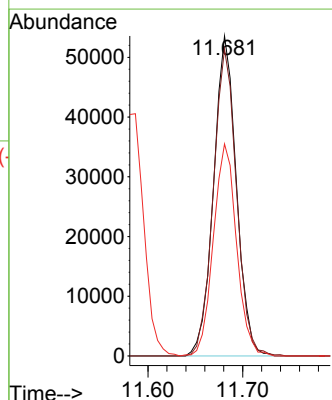
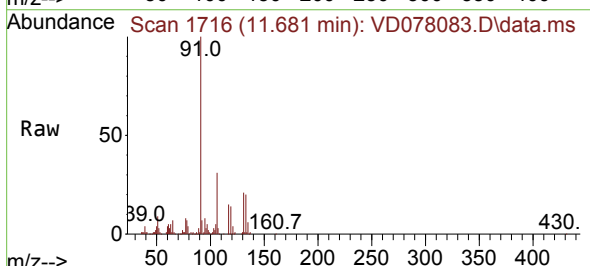
Tgt Ion:131 Resp: 89619

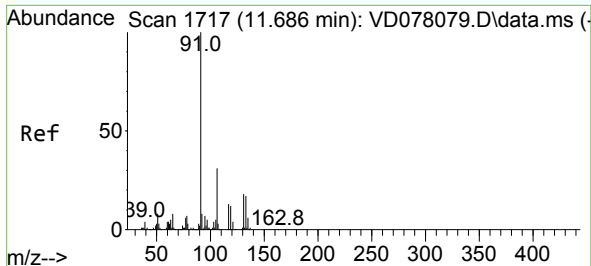
Ion Ratio Lower Upper

131 100

133 97.8 48.5 145.5

119 67.4 35.6 106.9

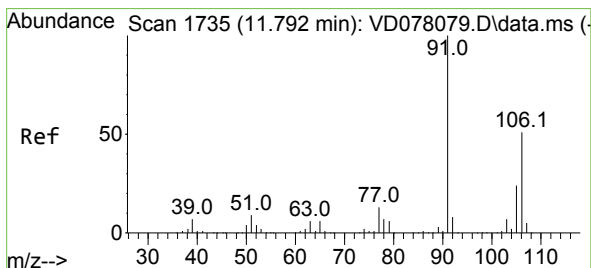
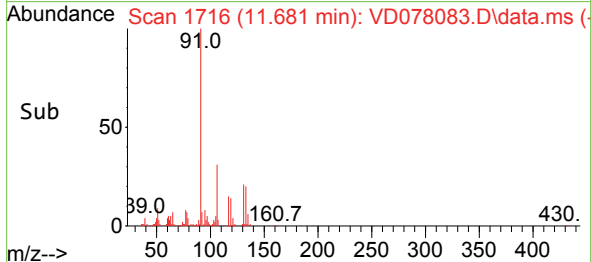
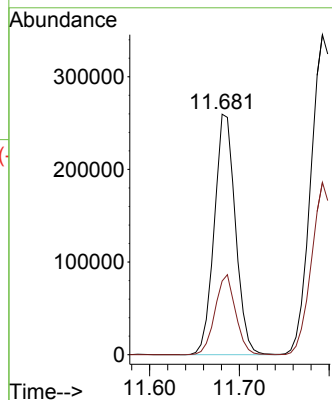
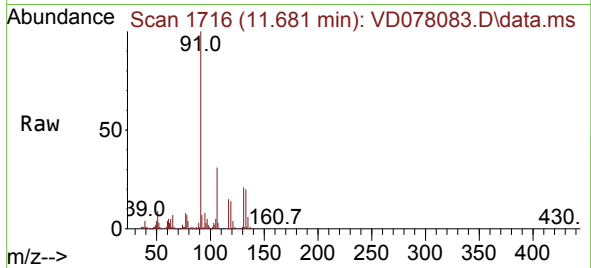




#67
Ethyl Benzene
Concen: 50.388 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

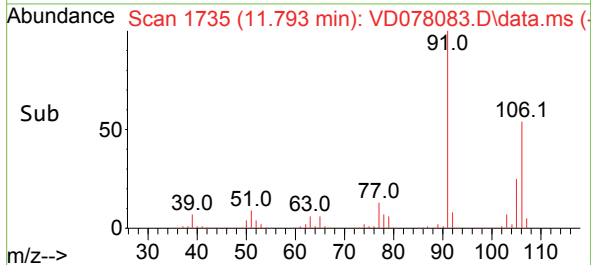
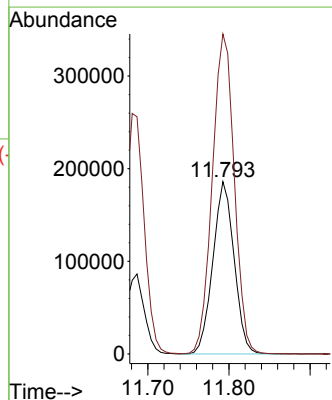
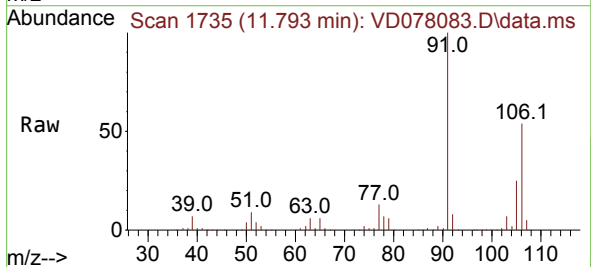
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

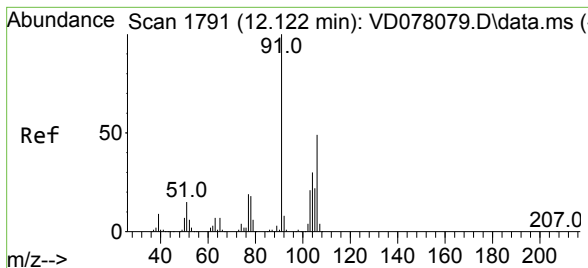
Tgt Ion: 91 Resp: 424891
Ion Ratio Lower Upper
91 100
106 30.6 26.5 39.7



#68
m/p-Xylenes
Concen: 102.969 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion:106 Resp: 337917
Ion Ratio Lower Upper
106 100
91 192.3 147.0 220.6

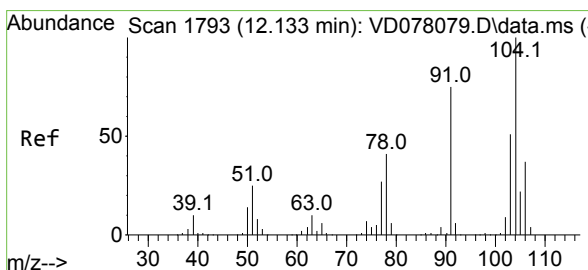
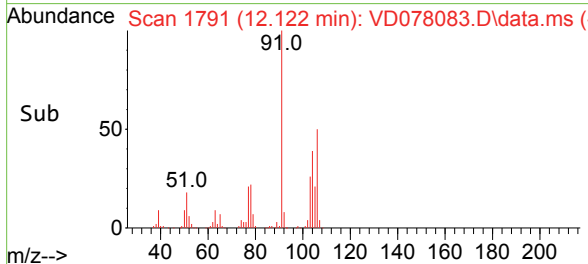
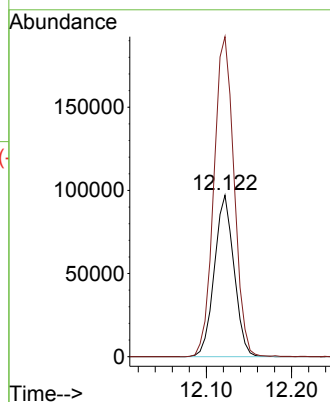
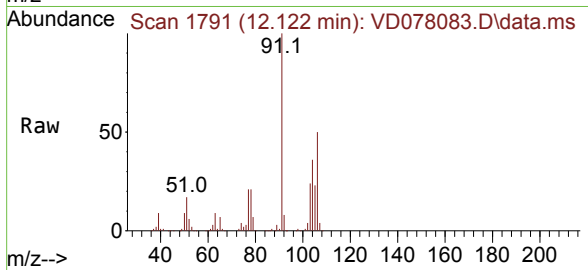




#69
o-Xylene
Concen: 50.878 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

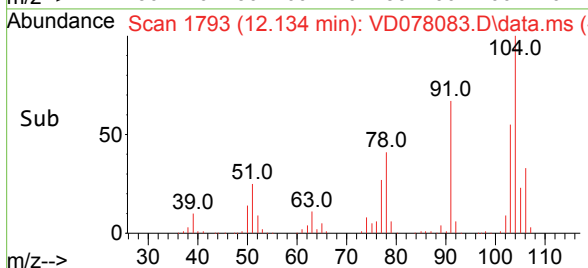
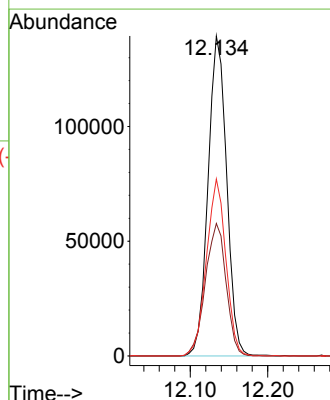
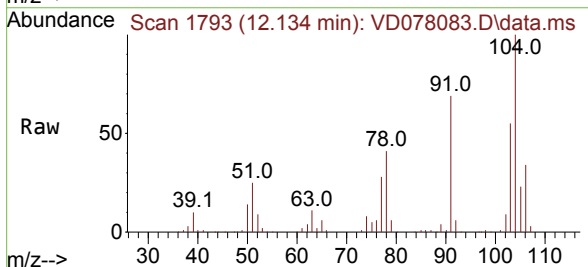
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

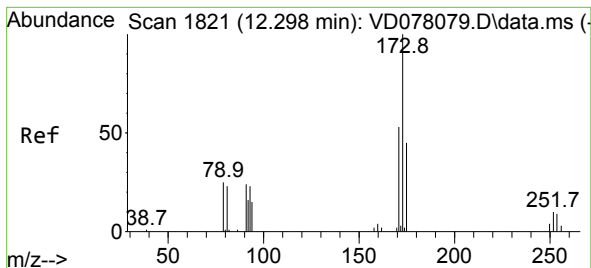
Tgt Ion:106 Resp: 155616
Ion Ratio Lower Upper
106 100
91 204.2 97.9 293.6



#70
Styrene
Concen: 51.469 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion:104 Resp: 232428
Ion Ratio Lower Upper
104 100
78 46.1 33.2 49.8
103 57.8 43.6 65.4





#71

Bromoform

Concen: 46.974 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078083.D

Acq: 26 Dec 2023 15:19

Instrument :

MSVOA_D

ClientSampleId :

ICVVD122623

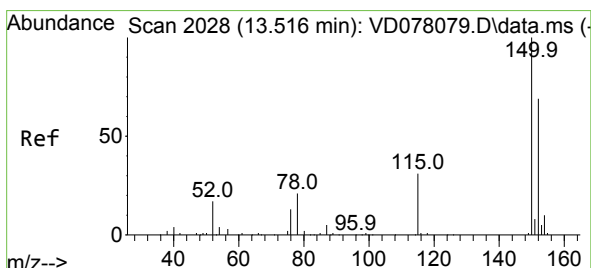
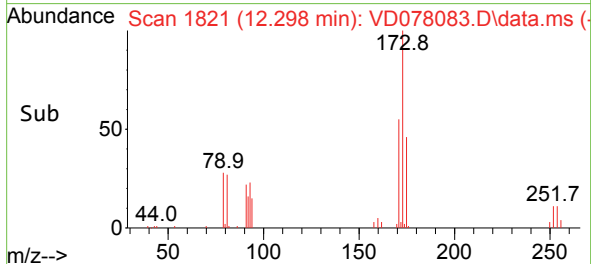
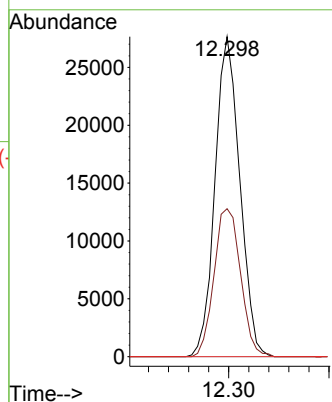
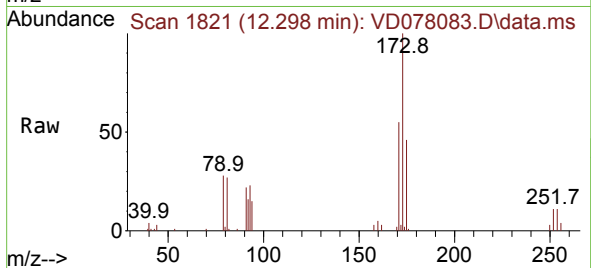
Tgt Ion:173 Resp: 47444

Ion Ratio Lower Upper

173 100

175 49.5 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: VD078083.D

Acq: 26 Dec 2023 15:19

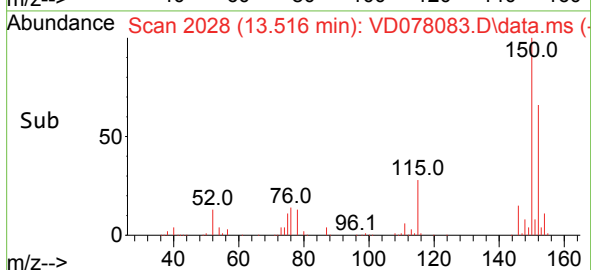
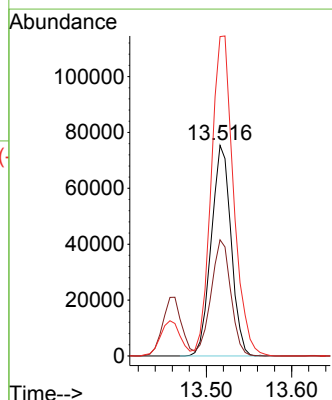
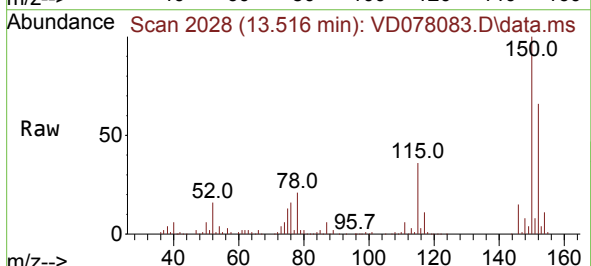
Tgt Ion:152 Resp: 121778

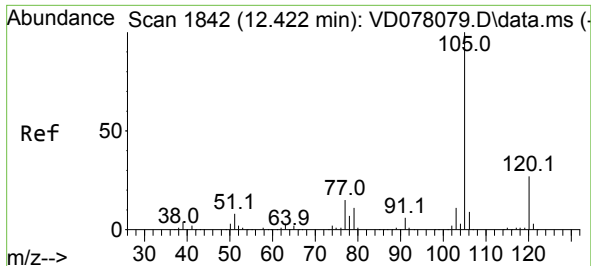
Ion Ratio Lower Upper

152 100

115 54.8 27.1 81.3

150 171.3 0.0 353.6

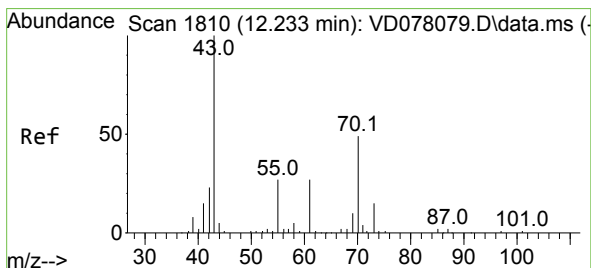
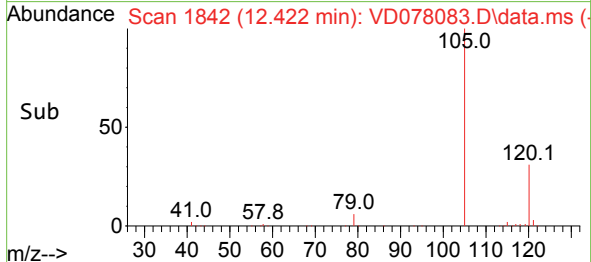
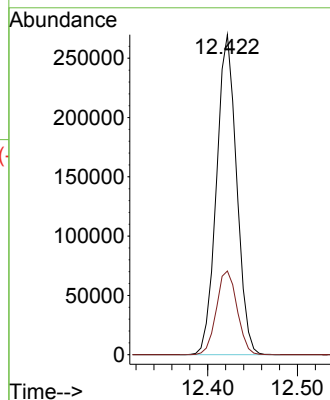
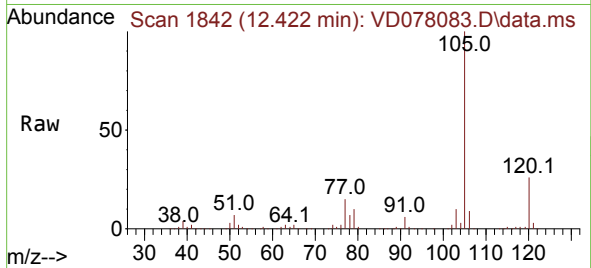




#73
Isopropylbenzene
Concen: 50.032 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

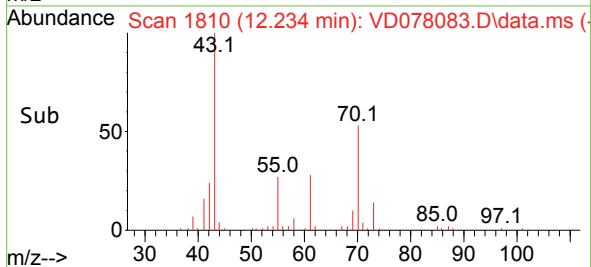
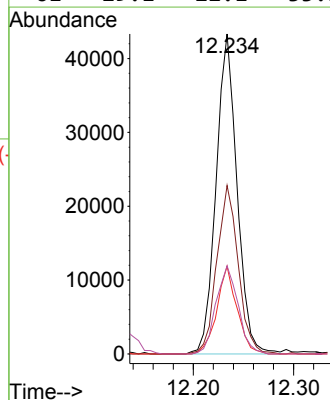
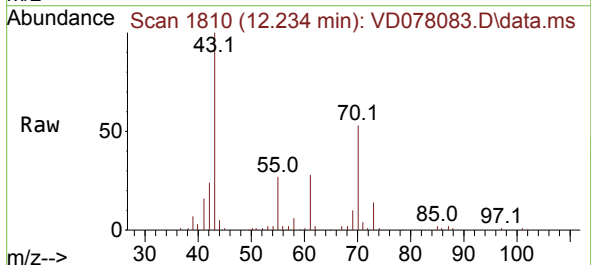
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

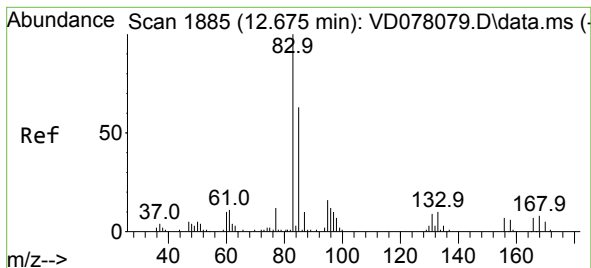
Tgt Ion:105 Resp: 419645
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9



#74
N-ethyl acetate
Concen: 45.062 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion: 43 Resp: 62745
Ion Ratio Lower Upper
43 100
70 53.8 45.0 67.4
55 26.4 23.8 35.6
61 29.1 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.086 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078083.D

Acq: 26 Dec 2023 15:19

Instrument :

MSVOA_D

ClientSampleId :

ICVVD122623

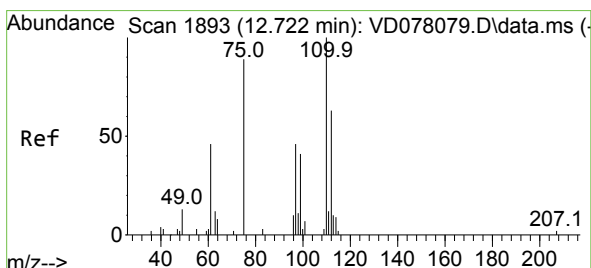
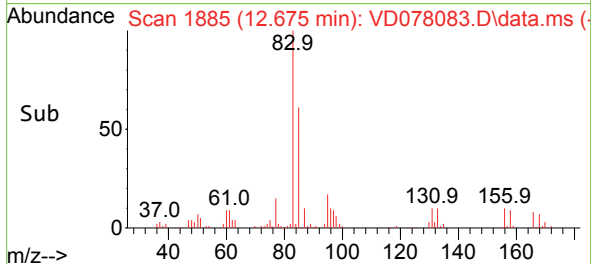
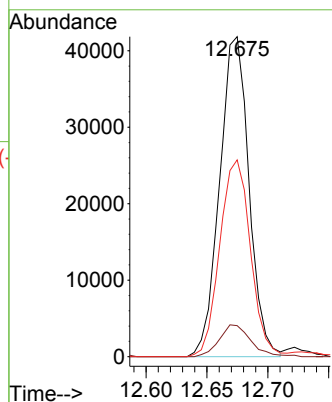
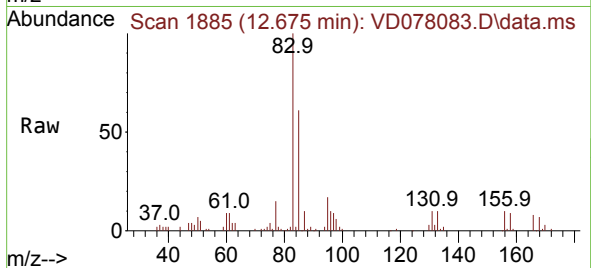
Tgt Ion: 83 Resp: 70253

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

85 64.3 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 86.254 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD078083.D

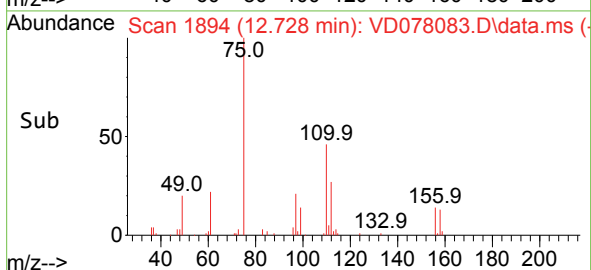
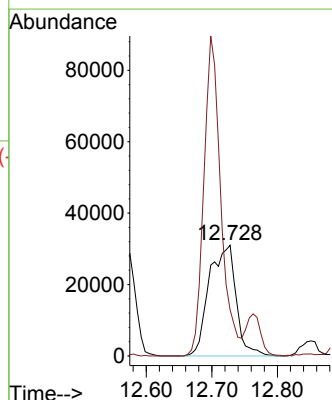
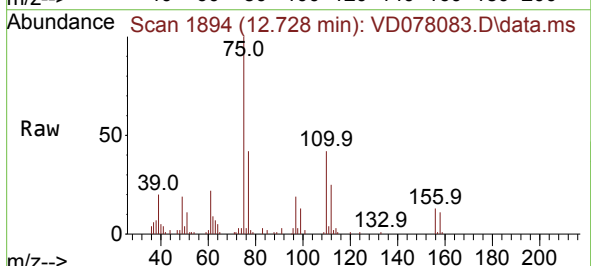
Acq: 26 Dec 2023 15:19

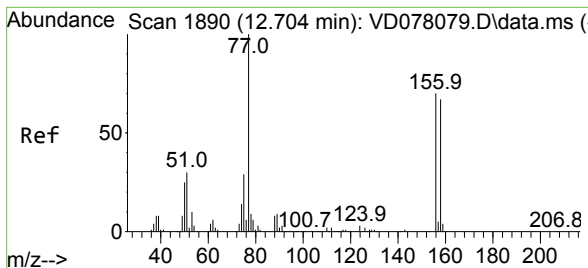
Tgt Ion: 75 Resp: 88617

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.988 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078083.D

Acq: 26 Dec 2023 15:19

Instrument :

MSVOA_D

ClientSampleId :

ICVVD122623

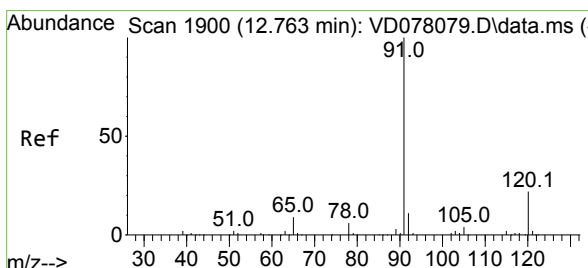
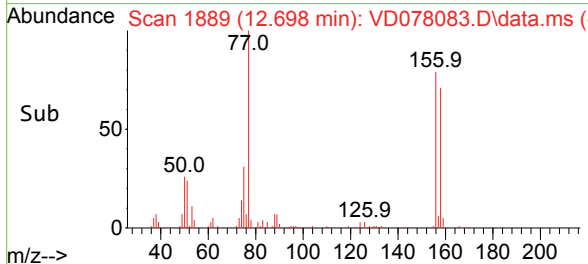
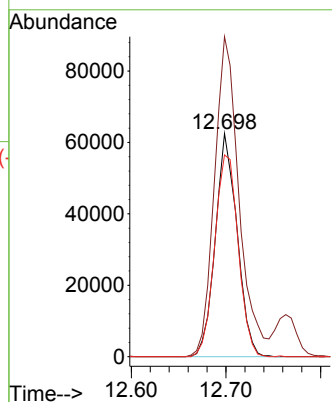
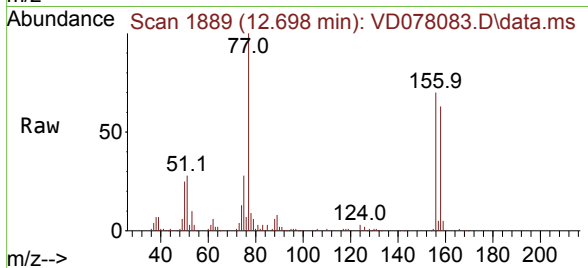
Tgt Ion:156 Resp: 99958

Ion Ratio Lower Upper

156 100

77 162.3 76.8 230.4

158 97.6 48.6 145.9



#78

n-propylbenzene

Concen: 48.751 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078083.D

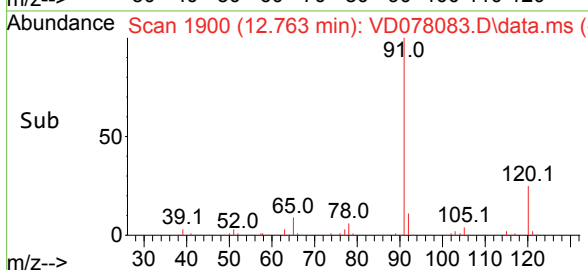
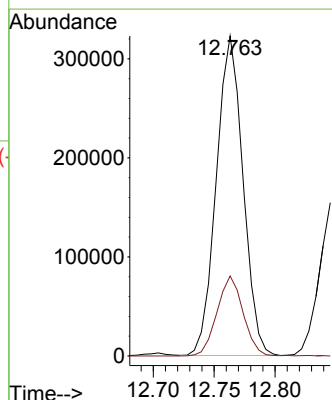
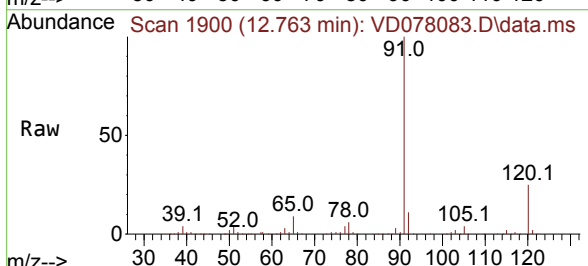
Acq: 26 Dec 2023 15:19

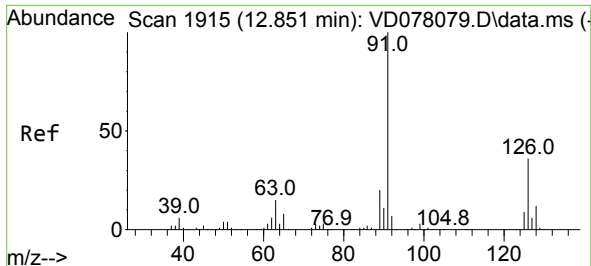
Tgt Ion: 91 Resp: 492191

Ion Ratio Lower Upper

91 100

120 24.4 12.4 37.2

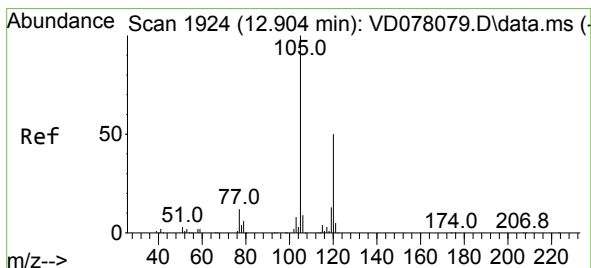
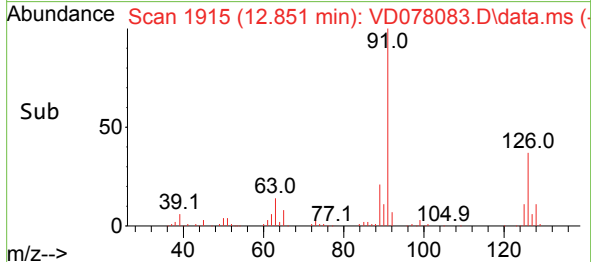
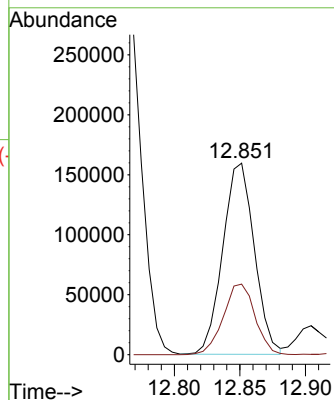
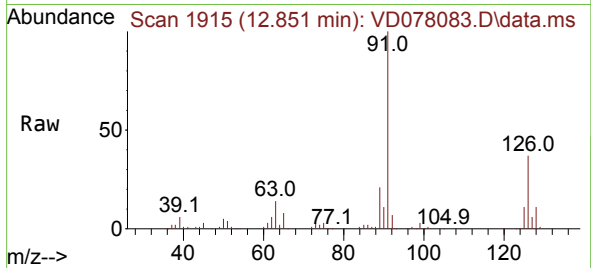




#79
2-Chlorotoluene
Concen: 48.900 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

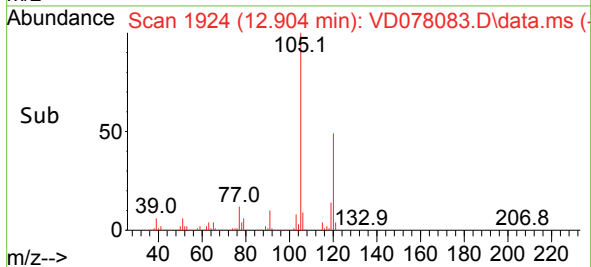
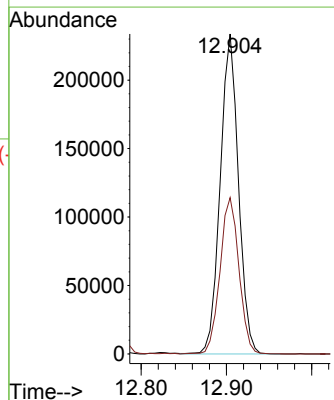
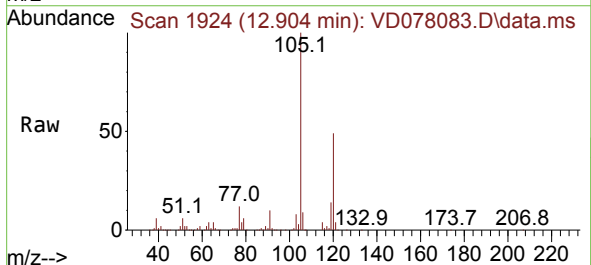
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

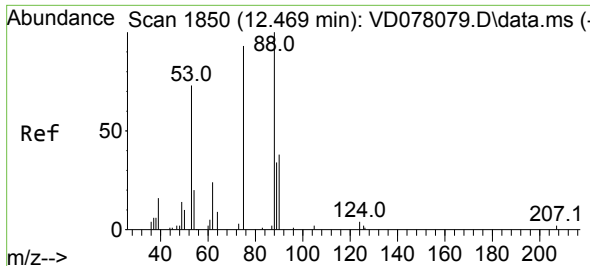
Tgt Ion: 91 Resp: 267034
Ion Ratio Lower Upper
91 100
126 37.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 49.974 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion: 105 Resp: 346691
Ion Ratio Lower Upper
105 100
120 50.8 26.4 79.2

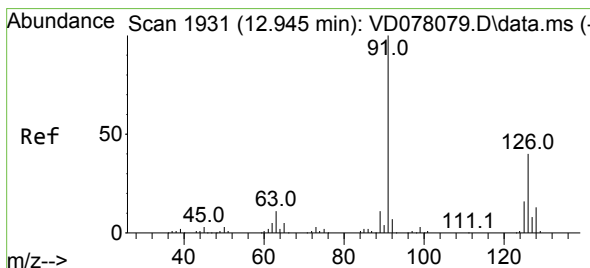
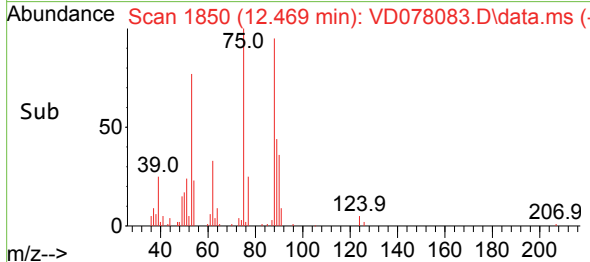
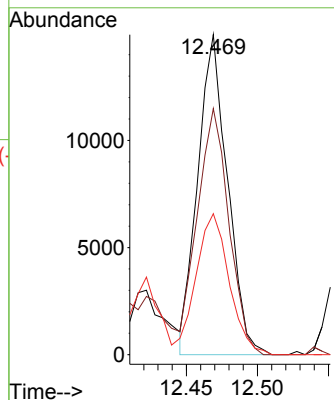
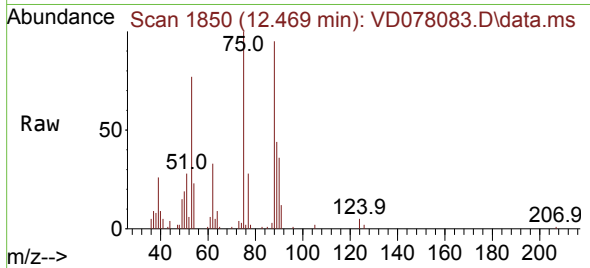




#81
trans-1,4-Dichloro-2-butene
Concen: 45.591 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

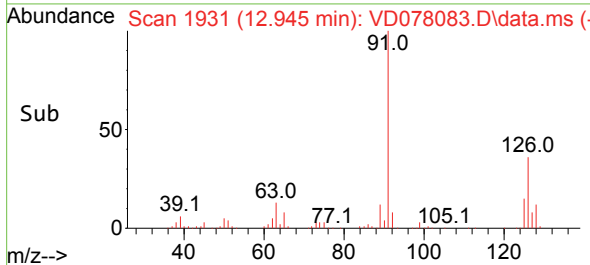
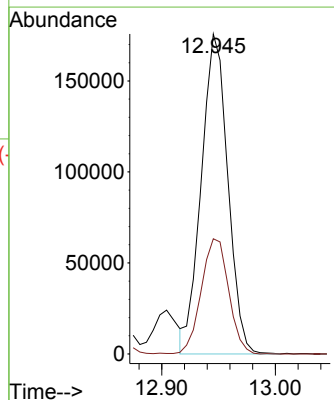
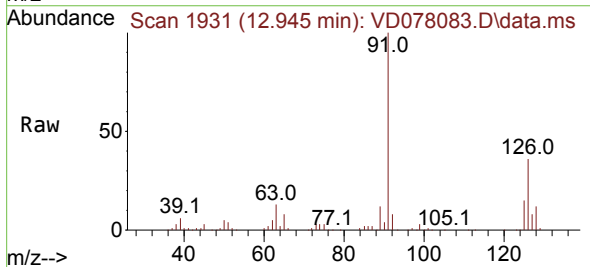
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

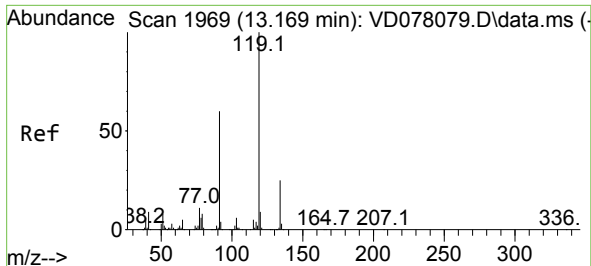
Tgt Ion:	75	Resp:	21738
Ion	Ratio	Lower	Upper
75	100		
53	81.2	63.0	94.4
89	49.3	37.9	56.9



#82
4-Chlorotoluene
Concen: 48.738 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion:	91	Resp:	285351
Ion	Ratio	Lower	Upper
91	100		
126	37.2	19.4	58.4

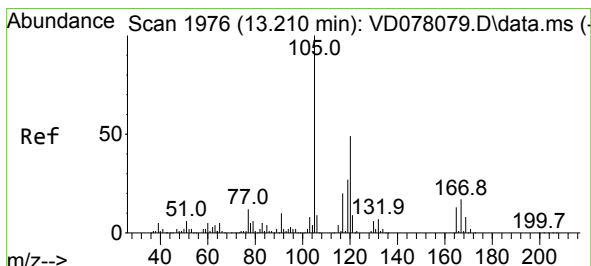
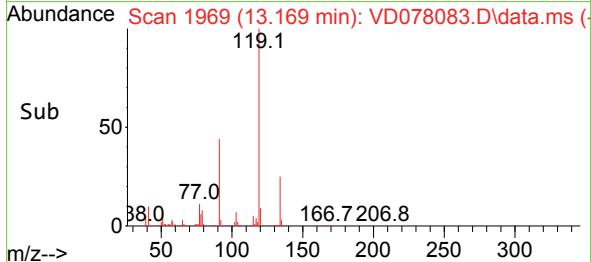
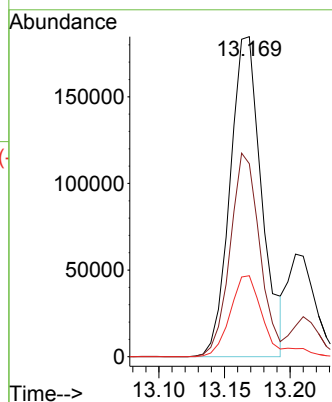
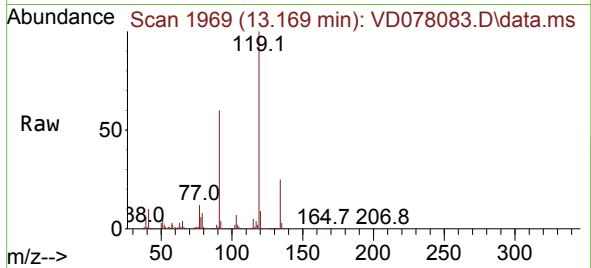




#83
tert-Butylbenzene
Concen: 49.887 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

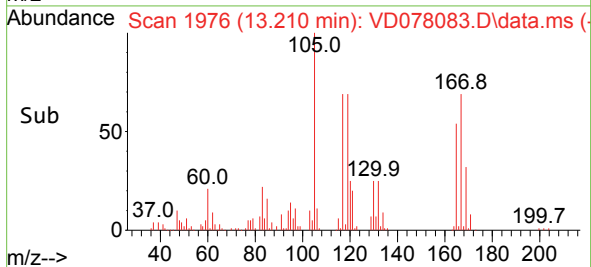
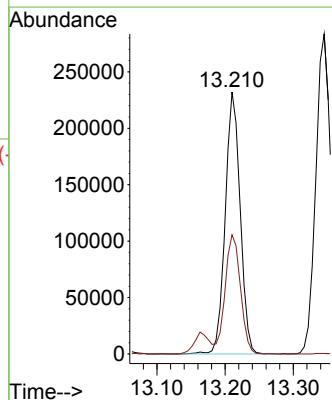
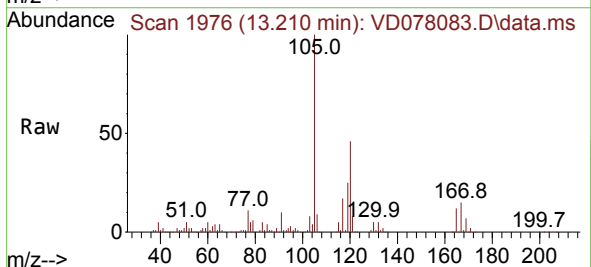
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

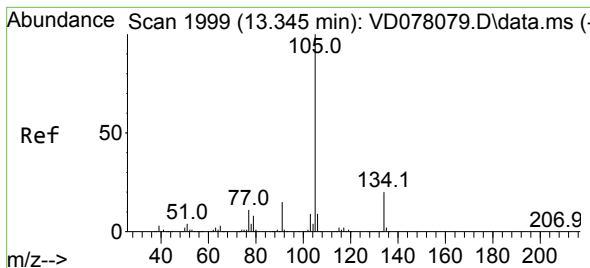
Tgt Ion:119 Resp: 310023
Ion Ratio Lower Upper
119 100
91 59.7 29.3 87.8
134 27.0 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 50.083 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion:105 Resp: 353900
Ion Ratio Lower Upper
105 100
120 47.0 24.3 72.9





#85

sec-Butylbenzene

Concen: 49.577 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078083.D

Acq: 26 Dec 2023 15:19

Instrument :

MSVOA_D

ClientSampleId :

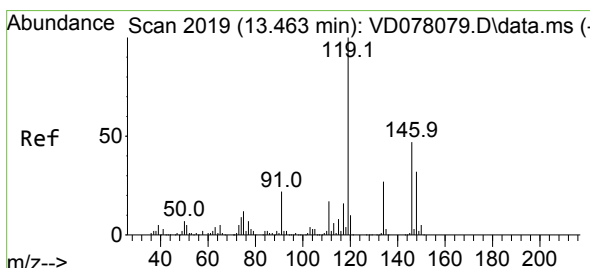
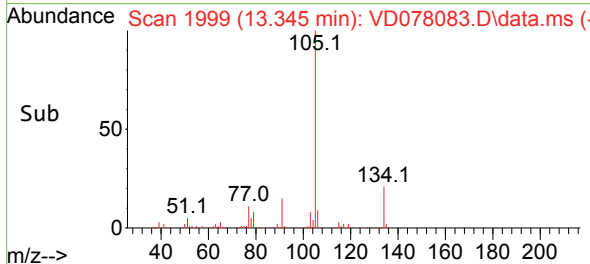
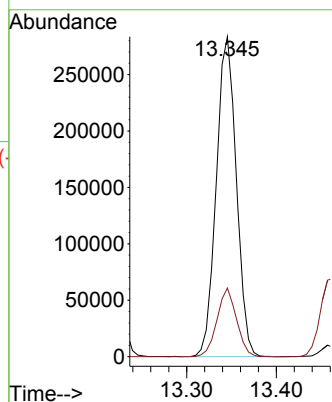
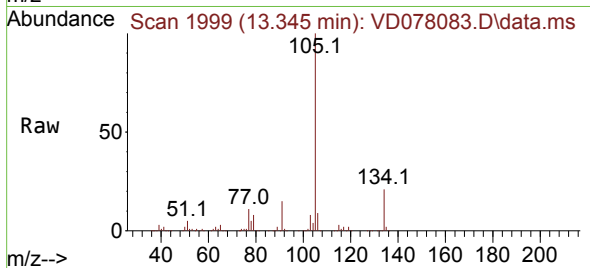
ICVVD122623

Tgt Ion:105 Resp: 439866

Ion Ratio Lower Upper

105 100

134 20.8 10.9 32.9



#86

p-Isopropyltoluene

Concen: 50.202 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078083.D

Acq: 26 Dec 2023 15:19

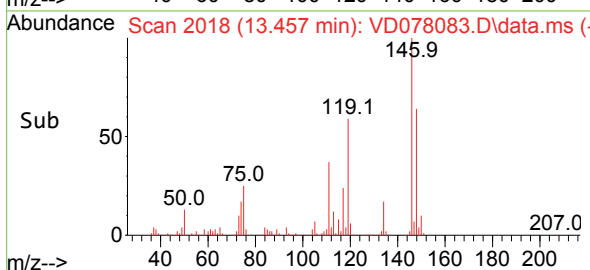
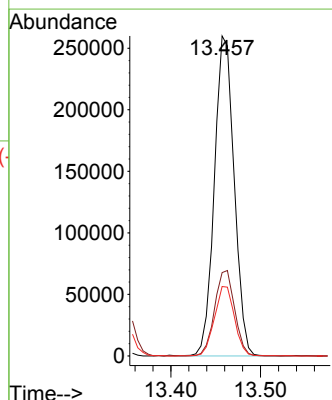
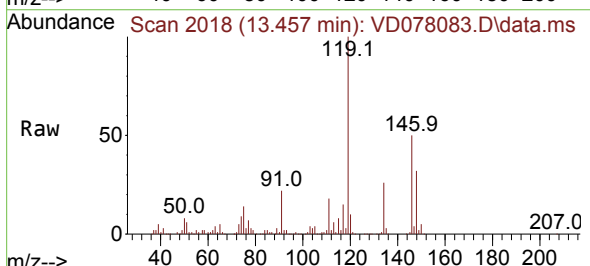
Tgt Ion:119 Resp: 398606

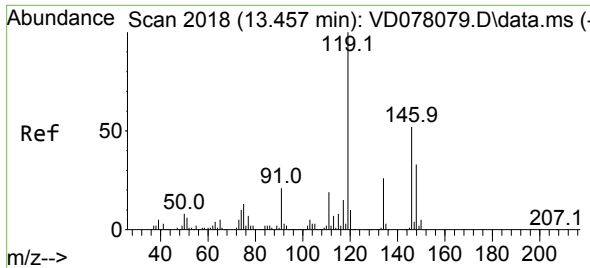
Ion Ratio Lower Upper

119 100

134 27.0 14.2 42.6

91 22.1 10.5 31.5

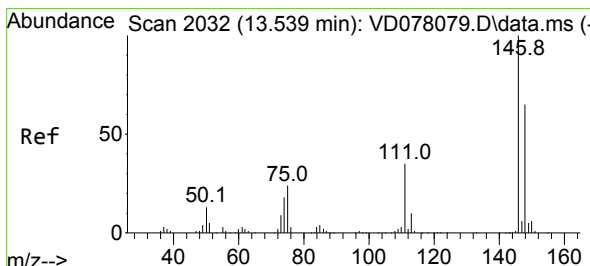
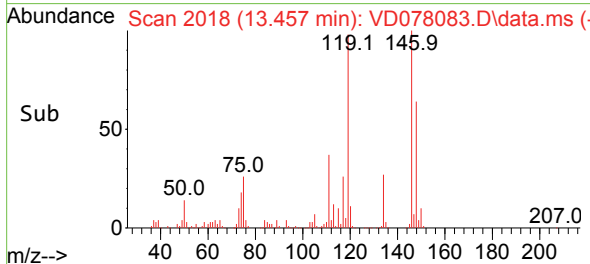
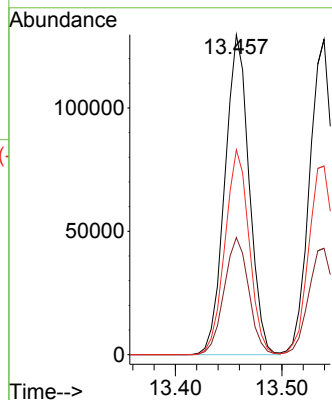
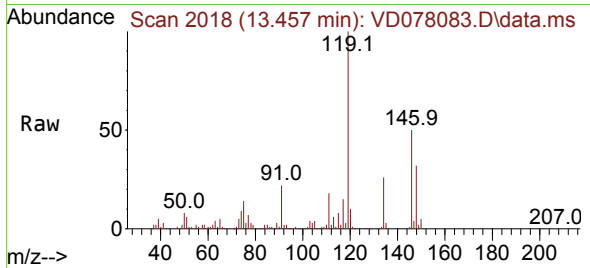




#87
 1,3-Dichlorobenzene
 Concen: 48.646 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078083.D
 Acq: 26 Dec 2023 15:19

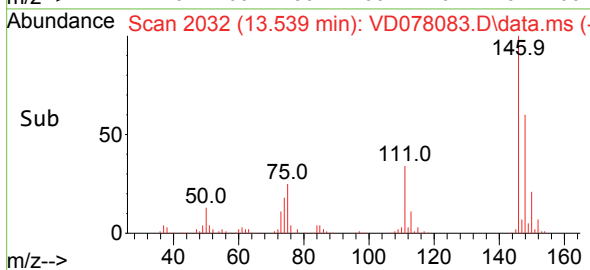
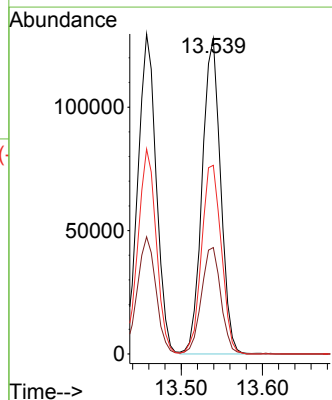
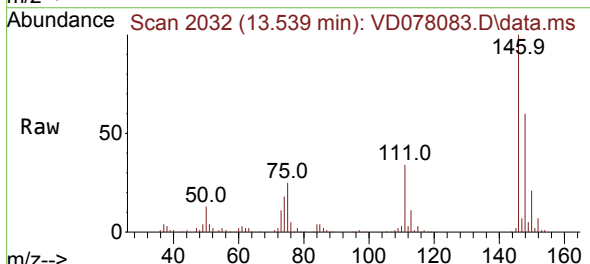
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD122623

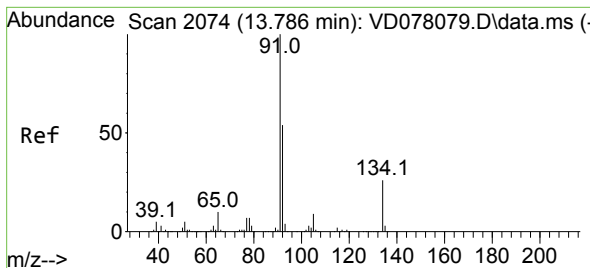
Tgt Ion:146 Resp: 205371
 Ion Ratio Lower Upper
 146 100
 111 37.2 17.9 53.8
 148 63.8 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 48.748 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD078083.D
 Acq: 26 Dec 2023 15:19

Tgt Ion:146 Resp: 201843
 Ion Ratio Lower Upper
 146 100
 111 35.6 17.4 52.3
 148 64.1 31.7 95.1





#89

n-Butylbenzene

Concen: 49.555 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078083.D

Acq: 26 Dec 2023 15:19

Instrument :

MSVOA_D

ClientSampleId :

ICVVD122623

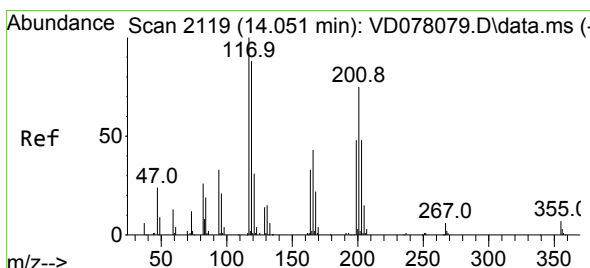
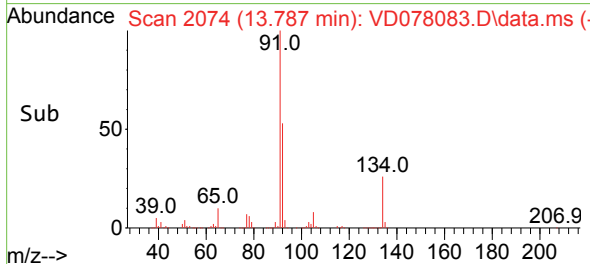
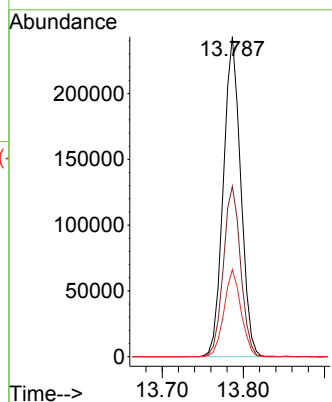
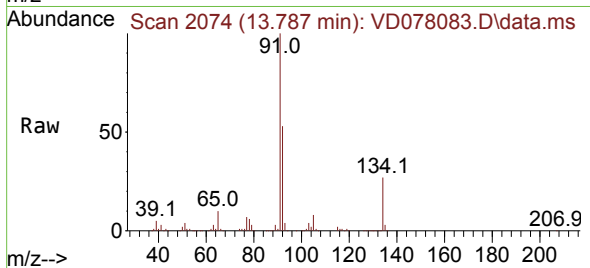
Tgt Ion: 91 Resp: 361161

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.5

134 26.6 13.8 41.3



#90

Hexachloroethane

Concen: 47.959 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078083.D

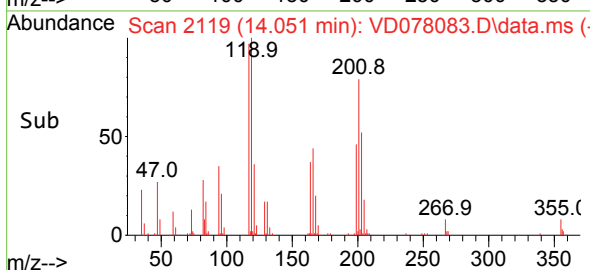
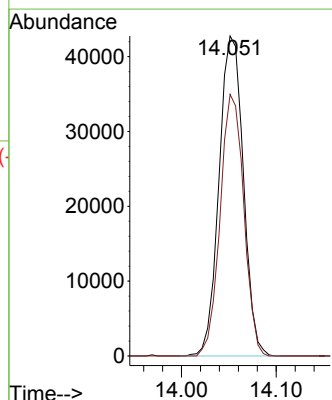
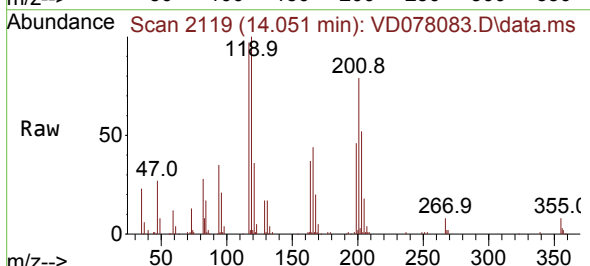
Acq: 26 Dec 2023 15:19

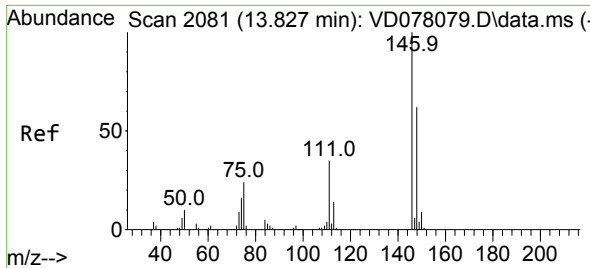
Tgt Ion: 117 Resp: 76129

Ion Ratio Lower Upper

117 100

201 79.5 38.5 115.5

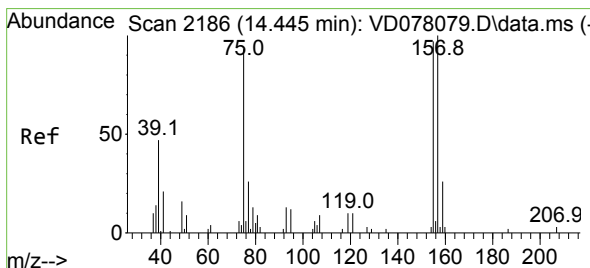
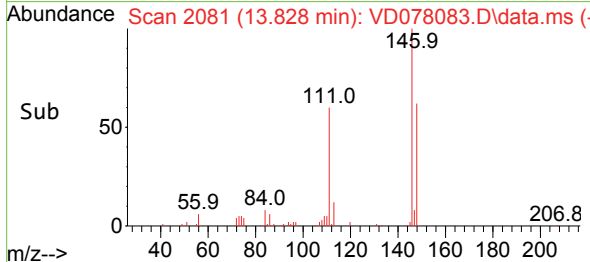
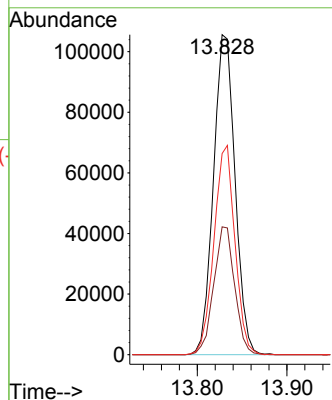
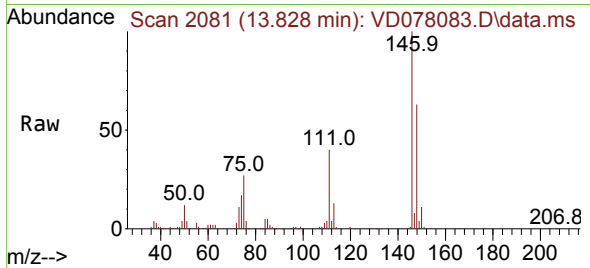




#91
1,2-Dichlorobenzene
Concen: 48.788 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

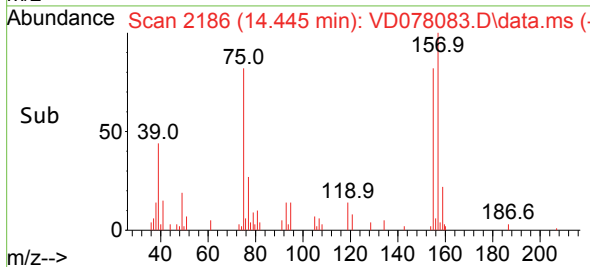
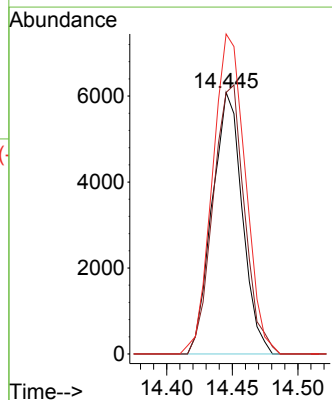
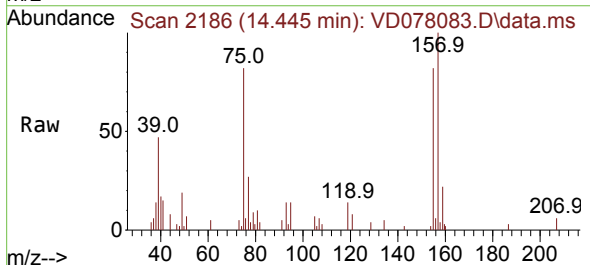
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122623

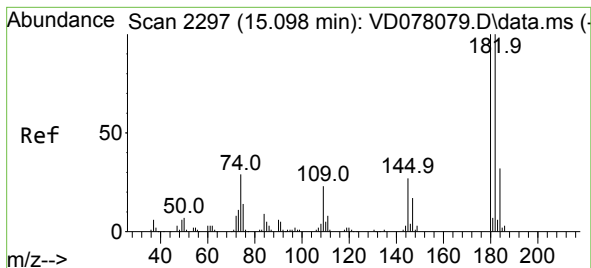
Tgt Ion:146 Resp: 176888
Ion Ratio Lower Upper
146 100
111 38.7 18.3 54.8
148 63.5 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.559 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078083.D
Acq: 26 Dec 2023 15:19

Tgt Ion: 75 Resp: 9727
Ion Ratio Lower Upper
75 100
155 107.3 47.9 143.8
157 132.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 47.159 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078083.D

Acq: 26 Dec 2023 15:19

Instrument :

MSVOA_D

ClientSampleId :

ICVVD122623

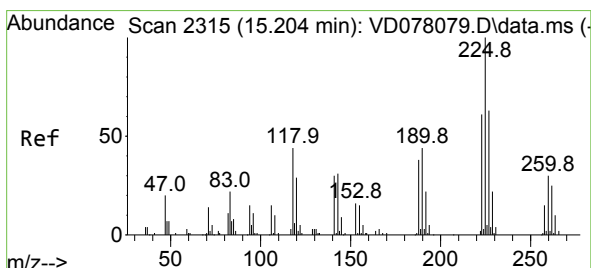
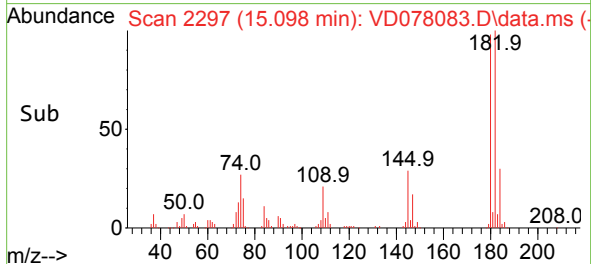
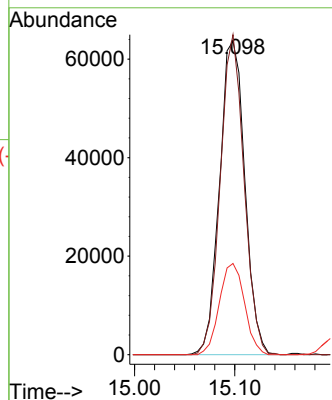
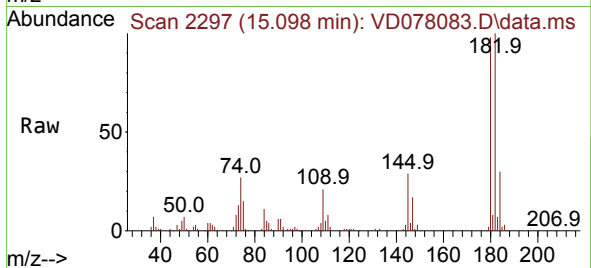
Tgt Ion:180 Resp: 111630

Ion Ratio Lower Upper

180 100

182 95.7 48.5 145.6

145 28.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 48.808 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078083.D

Acq: 26 Dec 2023 15:19

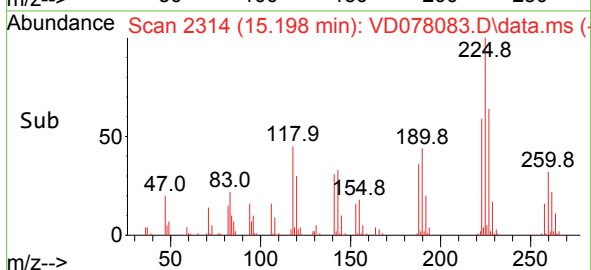
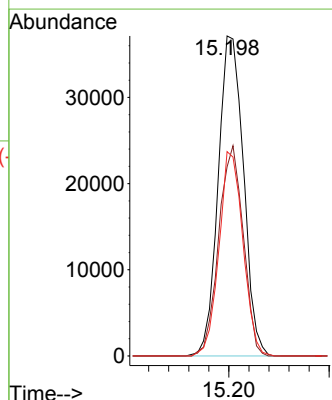
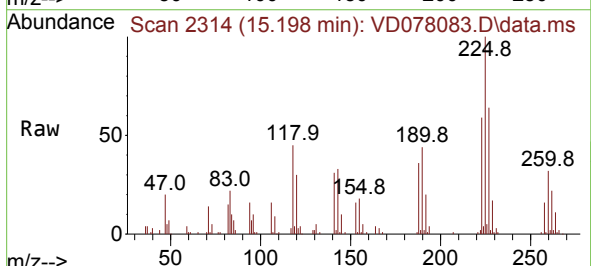
Tgt Ion:225 Resp: 64911

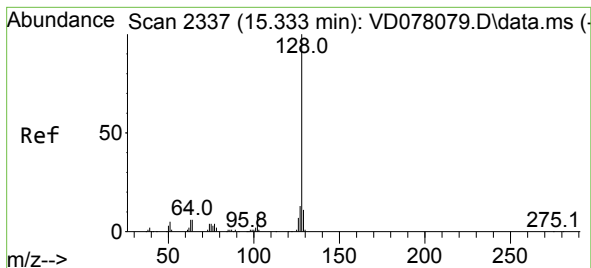
Ion Ratio Lower Upper

225 100

223 63.7 31.6 94.8

227 60.5 31.7 95.1





#95

Naphthalene

Concen: 48.040 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD078083.D

Acq: 26 Dec 2023 15:19

Instrument :

MSVOA_D

ClientSampleId :

ICVVD122623

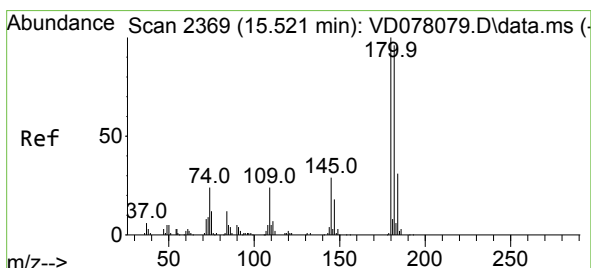
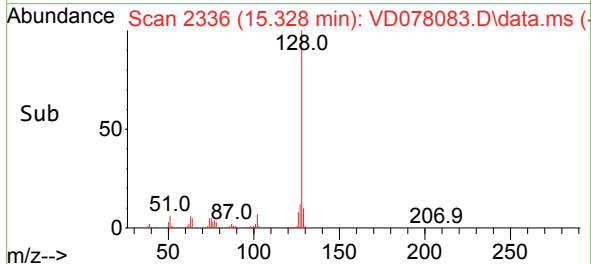
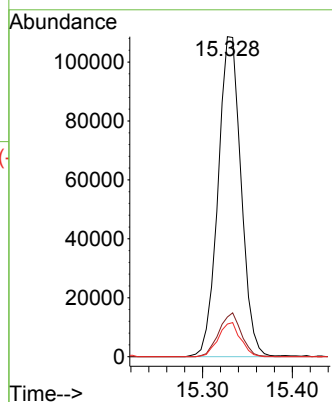
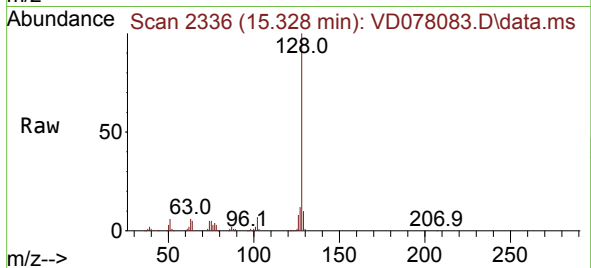
Tgt Ion:128 Resp: 193592

Ion Ratio Lower Upper

128 100

127 12.4 10.5 15.7

129 10.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 48.741 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078083.D

Acq: 26 Dec 2023 15:19

Tgt Ion:180 Resp: 97897

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.9

145 30.9 15.1 45.3

