

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030124\
 Data File : VD078580.D
 Acq On : 01 Mar 2024 15:48
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD030124

Quant Time: Mar 02 03:58:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	144081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	244655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	228961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	120459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65507	45.865	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.720%
35) Dibromofluoromethane	7.805	113	73832	46.392	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.780%
50) Toluene-d8	10.269	98	300109	48.529	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.569	95	85150	48.208	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	59380	53.033	ug/l	100
3) Chloromethane	2.152	50	119135	59.511	ug/l	98
4) Vinyl Chloride	2.287	62	179871	50.789	ug/l	98
5) Bromomethane	2.693	94	132892	46.982	ug/l	99
6) Chloroethane	2.840	64	130899	49.868	ug/l	97
7) Trichlorofluoromethane	3.175	101	122828	51.291	ug/l	98
8) Diethyl Ether	3.593	74	34890	51.885	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.975	101	76240	50.514	ug/l	98
10) Methyl Iodide	4.164	142	76259	48.285	ug/l	93
11) Tert butyl alcohol	5.058	59	16885	251.168	ug/l #	88
12) 1,1-Dichloroethene	3.946	96	73666	52.282	ug/l	95
13) Acrolein	3.799	56	34452	243.226	ug/l	100
14) Allyl chloride	4.558	41	81368	50.702	ug/l	94
15) Acrylonitrile	5.258	53	69658	251.264	ug/l	98
16) Acetone	4.022	43	66348	242.474	ug/l	88
17) Carbon Disulfide	4.269	76	238368	50.778	ug/l	96
18) Methyl Acetate	4.564	43	28188	54.425	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	148050	51.679	ug/l	99
20) Methylene Chloride	4.811	84	103245	56.519	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	85556	50.536	ug/l	95
22) Diisopropyl ether	6.216	45	191635	53.260	ug/l	95
23) Vinyl Acetate	6.158	43	567529	265.575	ug/l	97
24) 1,1-Dichloroethane	6.116	63	136497	50.214	ug/l	98
25) 2-Butanone	7.081	43	84487	244.776	ug/l #	84
26) 2,2-Dichloropropane	7.081	77	118959	51.802	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	96092	51.836	ug/l	98
28) Bromochloromethane	7.422	49	54849	54.011	ug/l	93
29) Tetrahydrofuran	7.452	42	50908	265.478	ug/l	94
30) Chloroform	7.593	83	149878	51.065	ug/l	92
31) Cyclohexane	7.875	56	112987	50.542	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	130506	51.832	ug/l	98
36) 1,1-Dichloropropene	8.010	75	117984	53.574	ug/l	97
37) Ethyl Acetate	7.169	43	35975	50.416	ug/l	95
38) Carbon Tetrachloride	7.993	117	117568	51.041	ug/l	95
39) Methylcyclohexane	9.275	83	133498	51.648	ug/l	93
40) Benzene	8.252	78	339516	52.012	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	21031	54.989	ug/l	93
42) 1,2-Dichloroethane	8.328	62	81156	49.007	ug/l	97
43) Isopropyl Acetate	8.363	43	65326	47.752	ug/l	98
44) Trichloroethene	9.028	130	92261	51.506	ug/l	100
45) 1,2-Dichloropropane	9.305	63	80730	51.484	ug/l	95
46) Dibromomethane	9.393	93	47189	52.202	ug/l	92
47) Bromodichloromethane	9.581	83	113016	50.704	ug/l	98
48) Methyl methacrylate	9.381	41	33938	54.765	ug/l	84
49) 1,4-Dioxane	9.381	88	9507	957.224	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	181173	256.580	ug/l	94
52) Toluene	10.334	92	223389	53.335	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	108346	52.545	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	125625	50.884	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	63194	49.647	ug/l	97
56) Ethyl methacrylate	10.599	69	68076	53.361	ug/l	94
57) 1,3-Dichloropropane	10.881	76	105466	51.131	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	179345	316.209	ug/l	97
59) 2-Hexanone	10.922	43	133476	254.855	ug/l	95
60) Dibromochloromethane	11.075	129	77987	50.742	ug/l	97
61) 1,2-Dibromoethane	11.181	107	60418	51.720	ug/l	99
64) Tetrachloroethene	10.810	164	76102	52.826	ug/l	95
65) Chlorobenzene	11.604	112	234498	52.009	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	84490	50.335	ug/l	97
67) Ethyl Benzene	11.681	91	422010	54.018	ug/l	97
68) m/p-Xylenes	11.793	106	335861	106.265	ug/l	93
69) o-Xylene	12.122	106	153975	53.702	ug/l	92
70) Styrene	12.134	104	271263	54.581	ug/l	99
71) Bromoform	12.298	173	44740	50.102	ug/l #	100
73) Isopropylbenzene	12.422	105	396904	51.979	ug/l	97
74) N-amyl acetate	12.234	43	65647	51.078	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	69108	47.243	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	84473	91.819	ug/l #	100
77) Bromobenzene	12.698	156	94967	51.425	ug/l	95
78) n-propylbenzene	12.763	91	498507	53.372	ug/l	97
79) 2-Chlorotoluene	12.851	91	262170	52.308	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	336824	54.208	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	23039	53.602	ug/l	94
82) 4-Chlorotoluene	12.945	91	270693	50.677	ug/l	100
83) tert-Butylbenzene	13.169	119	286326	53.517	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	335137	52.770	ug/l	98
85) sec-Butylbenzene	13.345	105	437064	52.364	ug/l	97
86) p-Isopropyltoluene	13.457	119	378431	53.859	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	204955	51.942	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	198060	50.100	ug/l	98
89) n-Butylbenzene	13.787	91	343321	52.286	ug/l	98
90) Hexachloroethane	14.051	117	72465	50.722	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	168455	50.259	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8471	43.445	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	101697	51.239	ug/l	98
94) Hexachlorobutadiene	15.204	225	53872	49.331	ug/l	99
95) Naphthalene	15.334	128	182159	51.939	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	88877	50.422	ug/l	98

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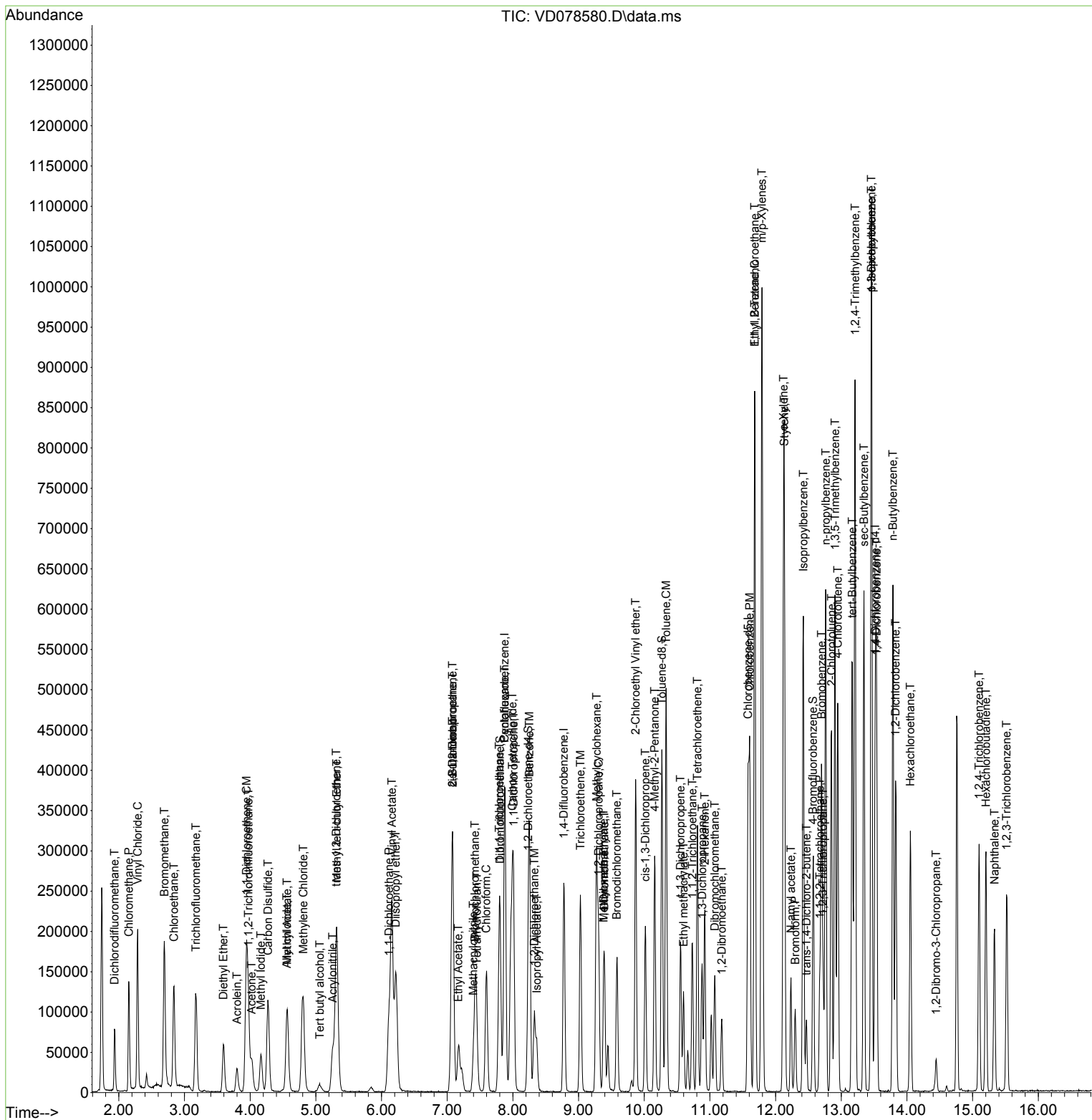
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MSVOA_D
ClientSampleId :
ICVVD030124

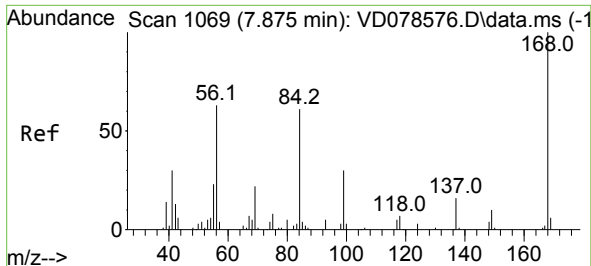
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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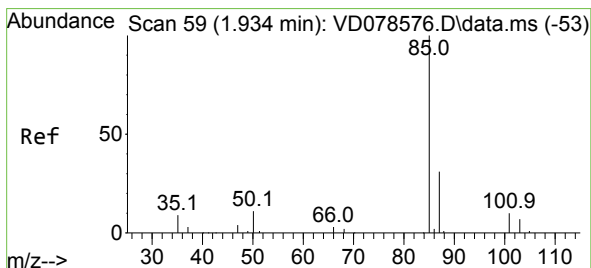
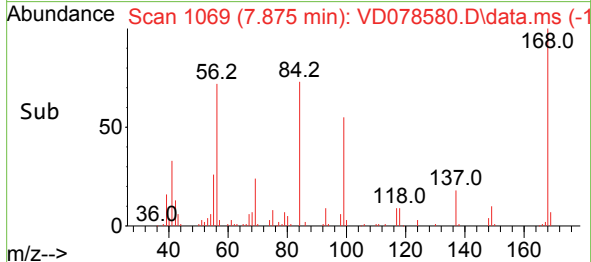
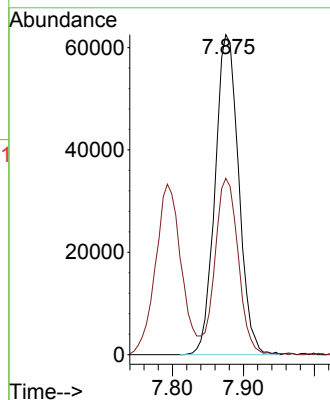
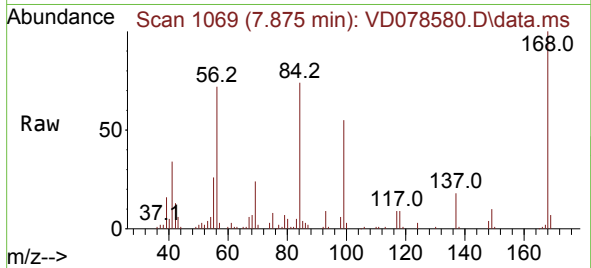




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078580.D
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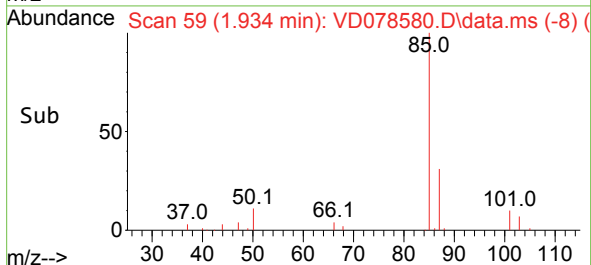
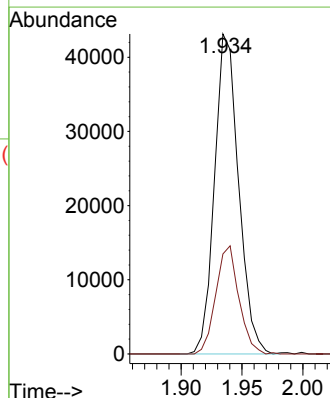
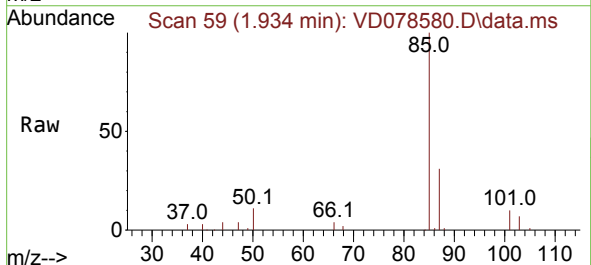
Instrument :
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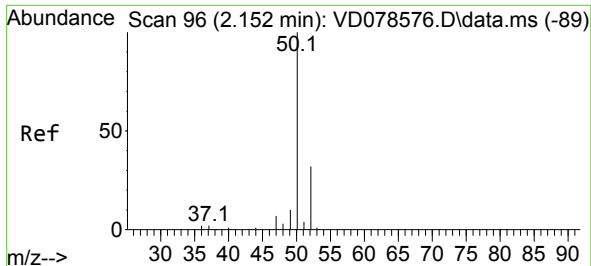
Tgt Ion:168 Resp: 144081
Ion Ratio Lower Upper
168 100
99 54.7 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 53.033 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion: 85 Resp: 59380
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.0

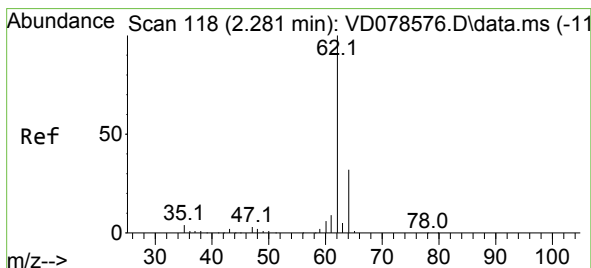
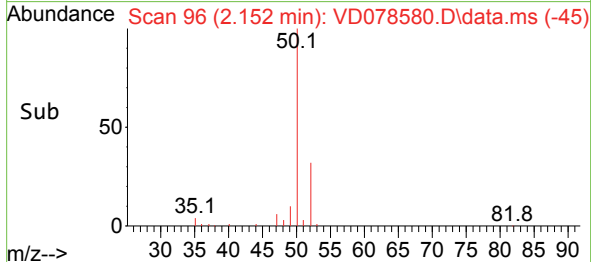
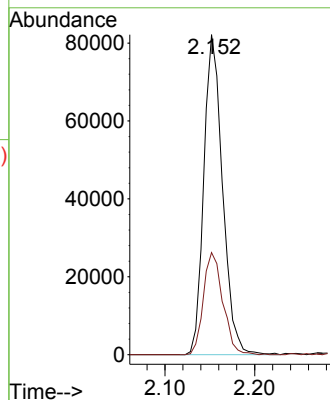
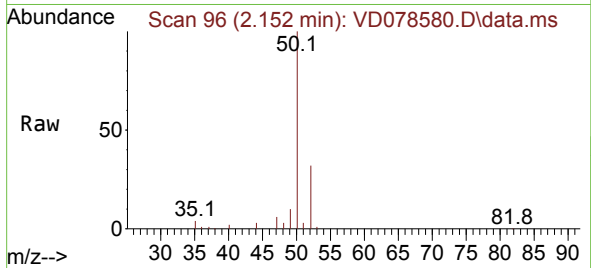




#3
Chloromethane
Concen: 59.511 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

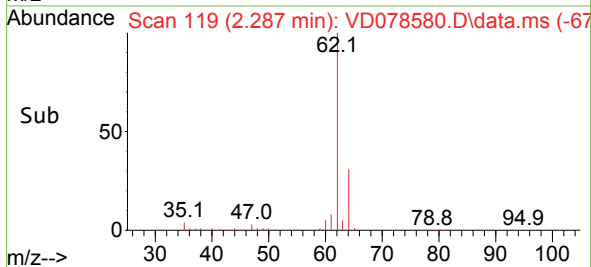
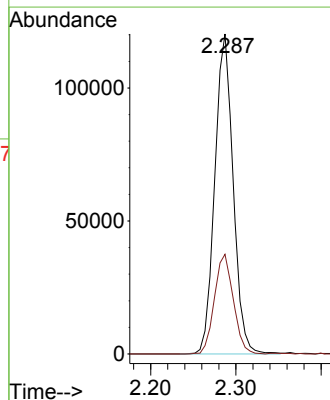
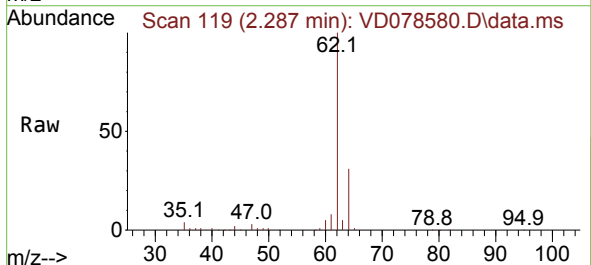
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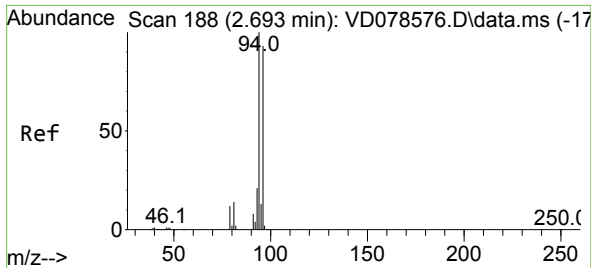
Tgt Ion: 50 Resp: 119135
Ion Ratio Lower Upper
50 100
52 31.9 26.6 40.0



#4
Vinyl Chloride
Concen: 50.789 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion: 62 Resp: 179871
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0

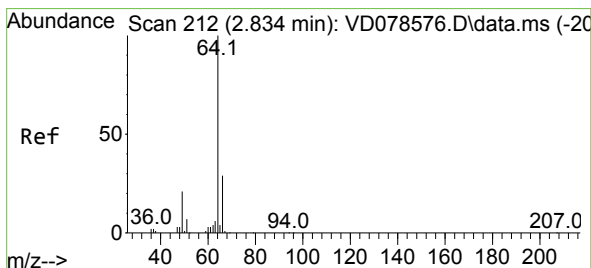
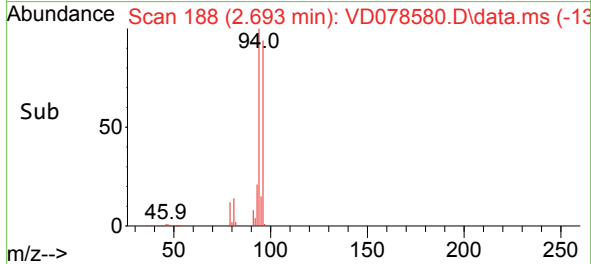
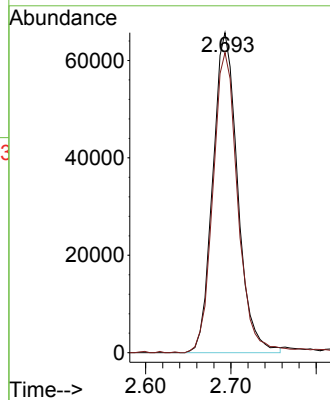
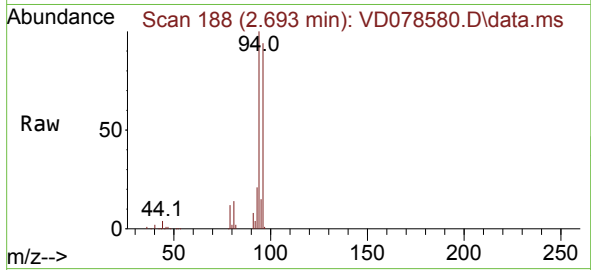




#5
Bromomethane
Concen: 46.982 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

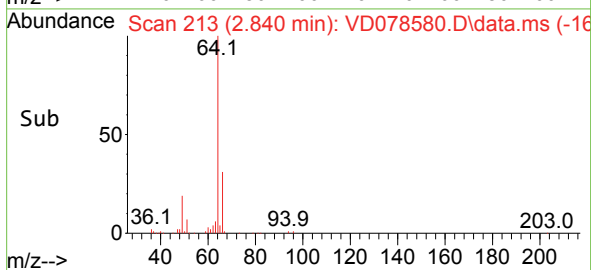
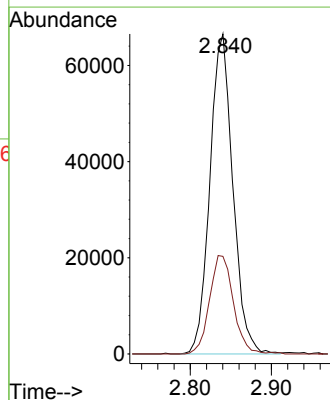
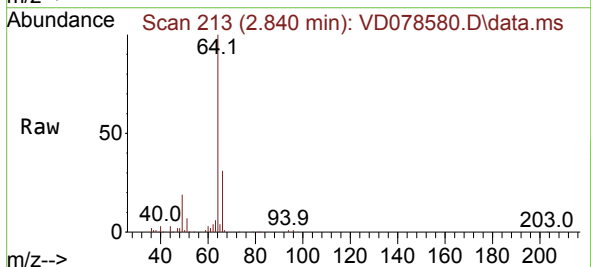
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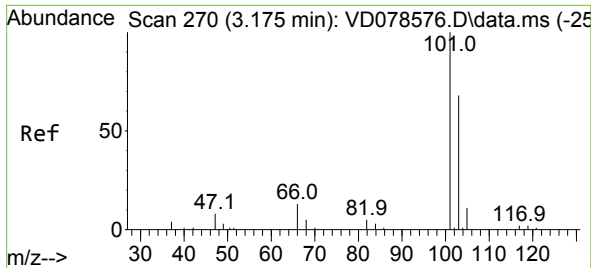
Tgt Ion: 94 Resp: 132892
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.8



#6
Chloroethane
Concen: 49.868 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion: 64 Resp: 130899
Ion Ratio Lower Upper
64 100
66 30.5 25.5 38.3

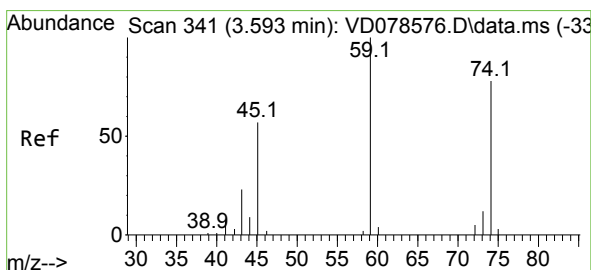
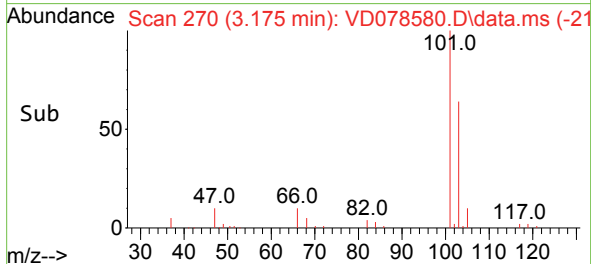
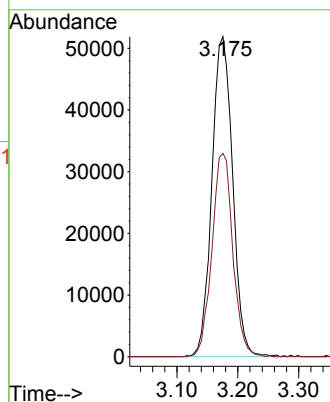
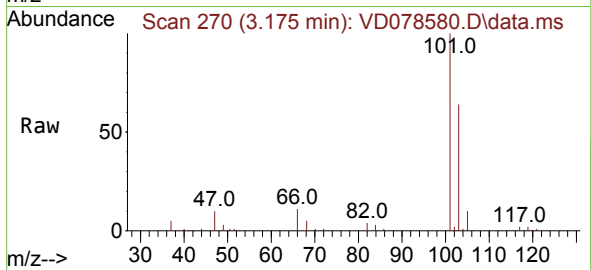




#7
 Trichlorofluoromethane
 Concen: 51.291 ug/l
 RT: 3.175 min Scan# 270
 Delta R.T. 0.000 min
 Lab File: VD078580.D
 Acq: 01 Mar 2024 15:48

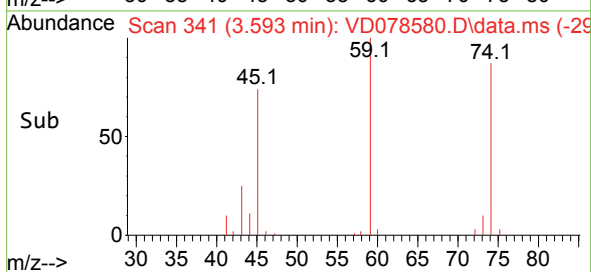
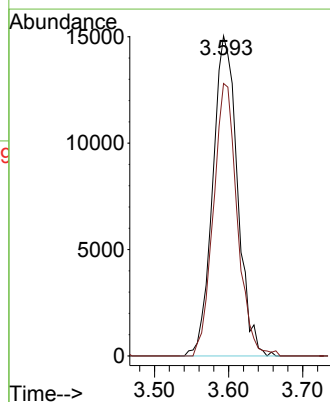
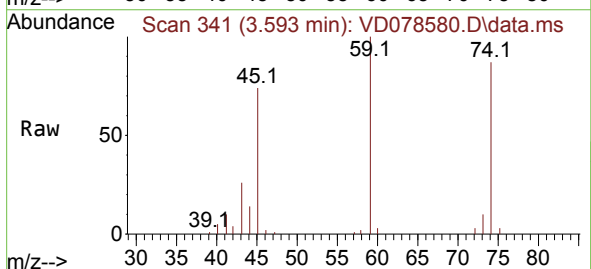
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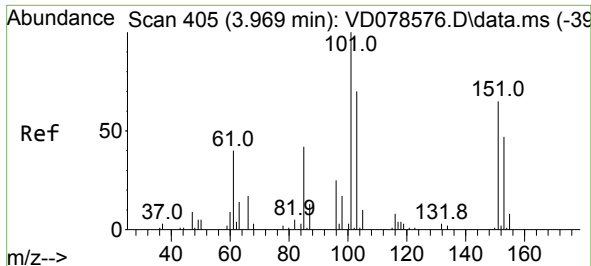
Tgt Ion:101 Resp: 122828
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.3 78.5



#8
 Diethyl Ether
 Concen: 51.885 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD078580.D
 Acq: 01 Mar 2024 15:48

Tgt Ion: 74 Resp: 34890
 Ion Ratio Lower Upper
 74 100
 45 82.2 37.5 112.7

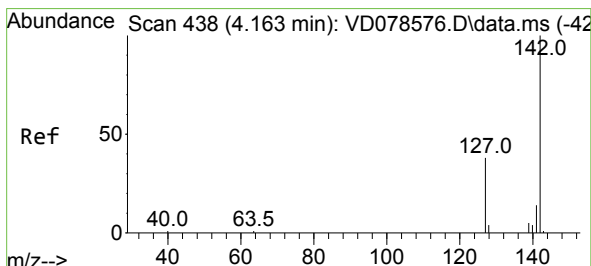
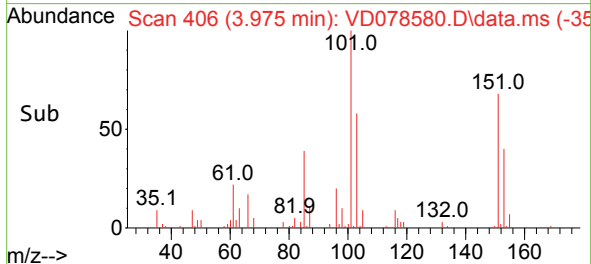
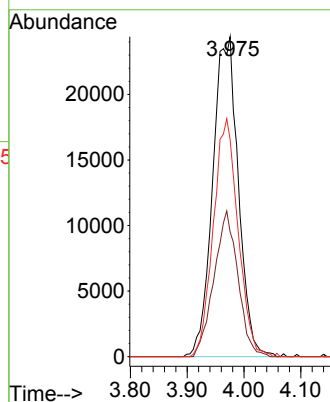
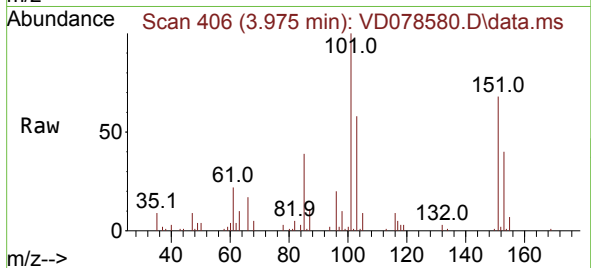




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.514 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
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Acq: 01 Mar 2024 15:48

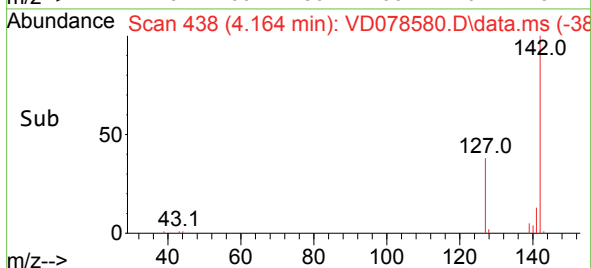
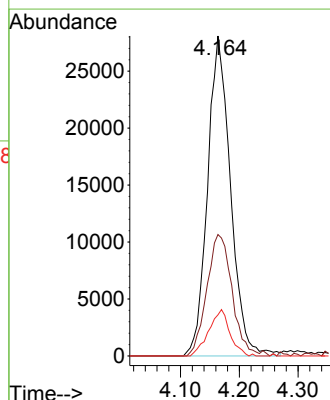
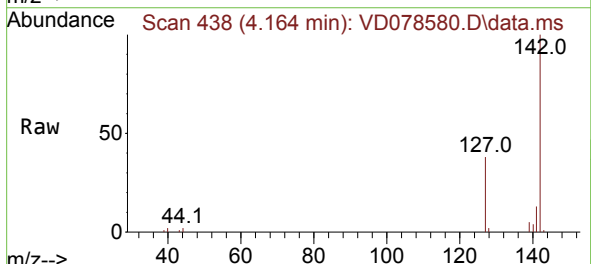
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

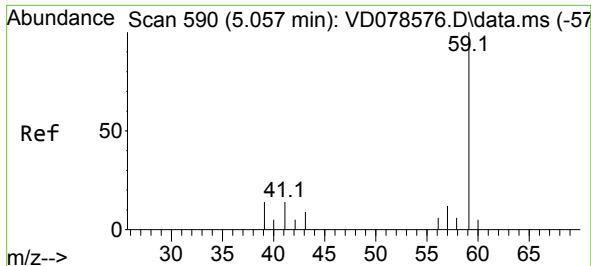
Tgt Ion:101 Resp: 76240
Ion Ratio Lower Upper
101 100
85 42.7 33.8 50.6
151 71.9 59.8 89.6



#10
Methyl Iodide
Concen: 48.285 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion:142 Resp: 76259
Ion Ratio Lower Upper
142 100
127 41.8 29.4 44.0
141 13.3 11.1 16.7

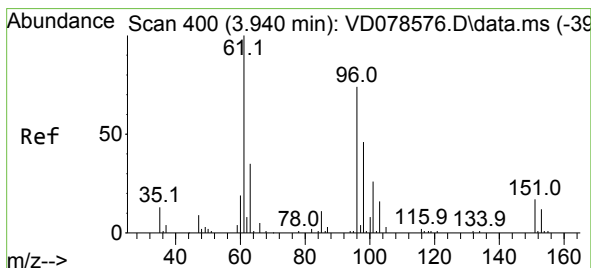
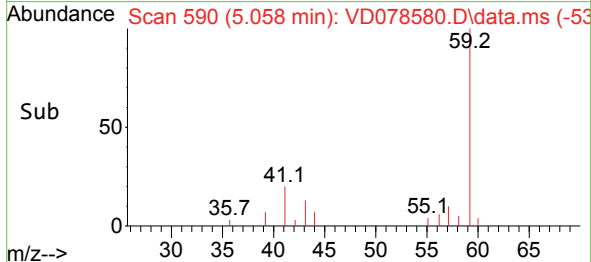
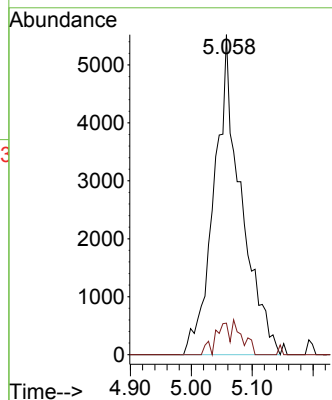
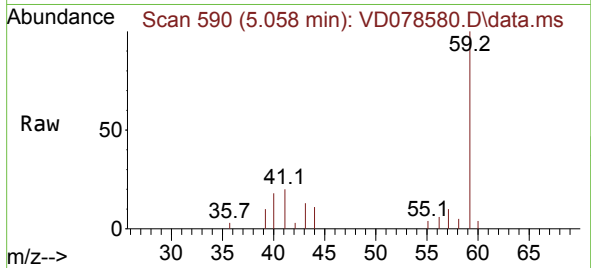




#11
Tert butyl alcohol
Concen: 251.168 ug/l
RT: 5.058 min Scan# 591
Delta R.T. 0.001 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

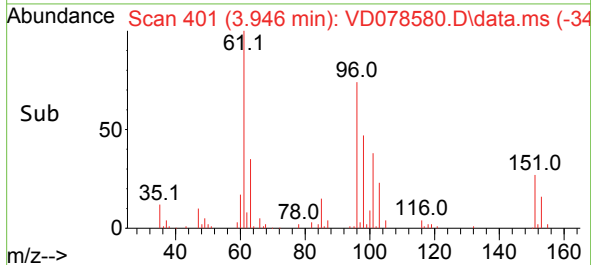
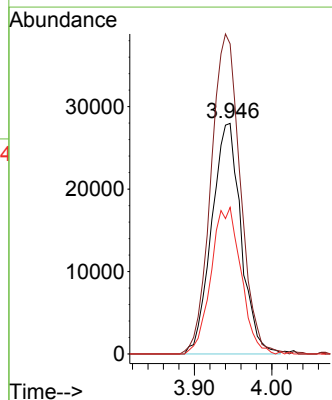
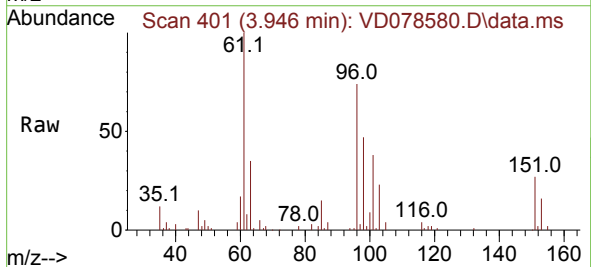
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

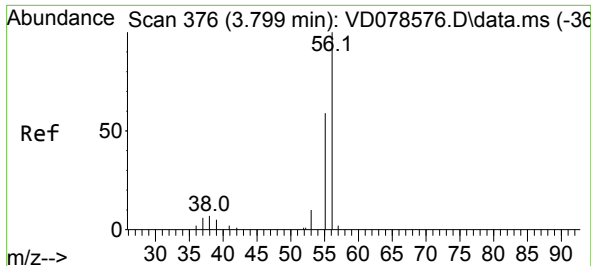
Tgt Ion: 59 Resp: 16885
Ion Ratio Lower Upper
59 100
57 5.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 52.282 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion: 96 Resp: 73666
Ion Ratio Lower Upper
96 100
61 134.5 100.6 150.8
98 63.6 50.2 75.2

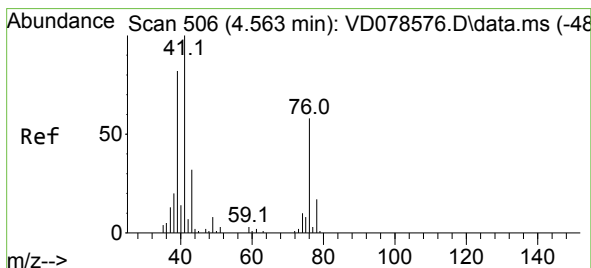
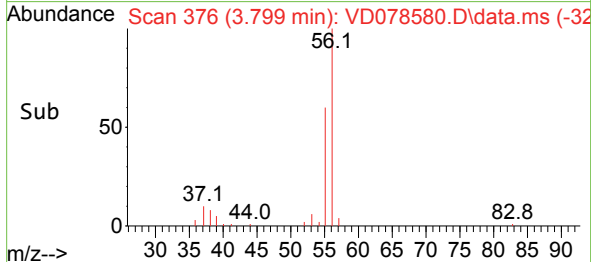
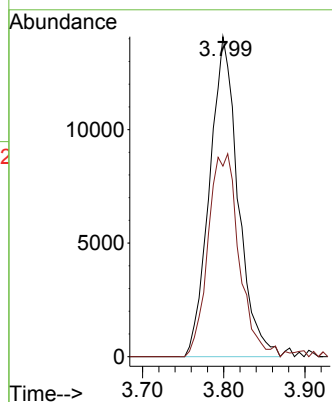
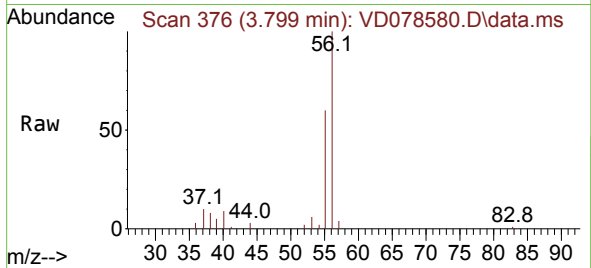




#13
Acrolein
Concen: 243.226 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

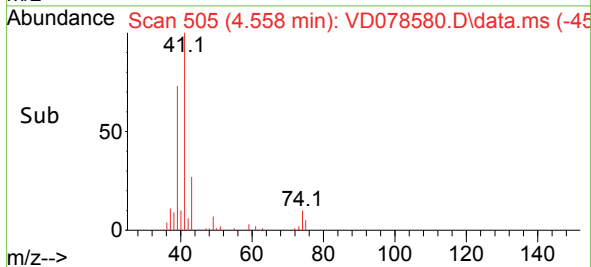
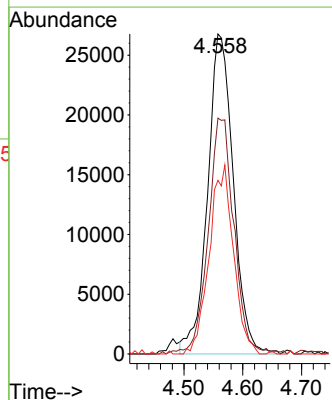
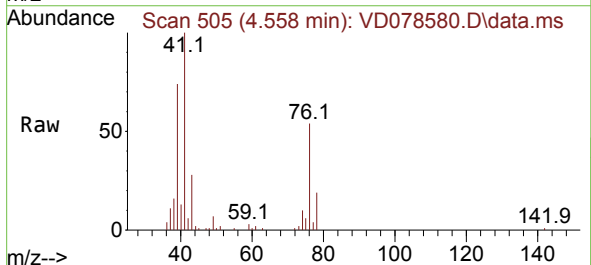
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

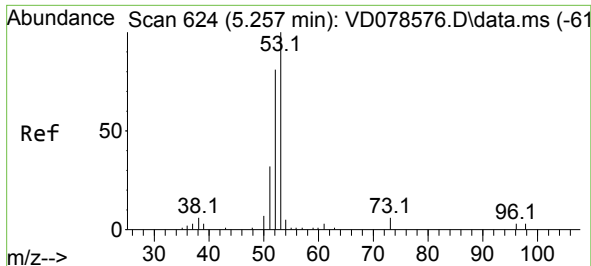
Tgt Ion: 56 Resp: 34452
Ion Ratio Lower Upper
56 100
55 69.2 55.1 82.7



#14
Allyl chloride
Concen: 50.702 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion: 41 Resp: 81368
Ion Ratio Lower Upper
41 100
39 74.2 53.8 80.6
76 55.5 45.8 68.8

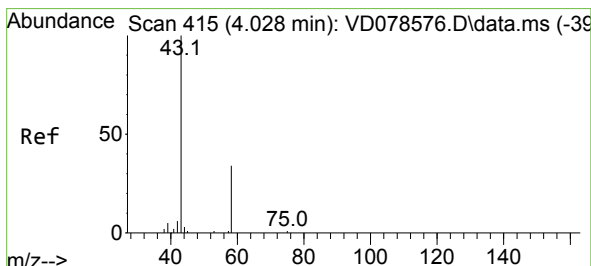
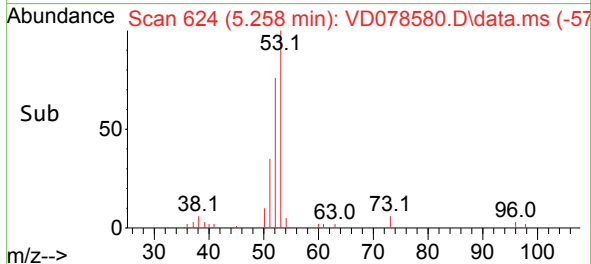
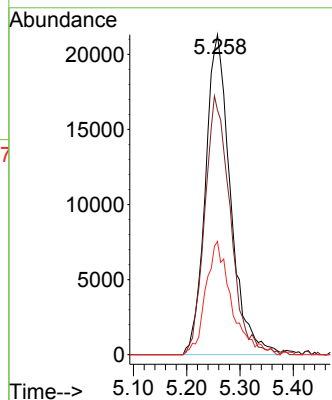
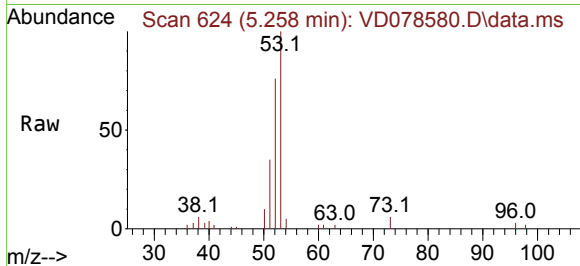




#15
Acrylonitrile
Concen: 251.264 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

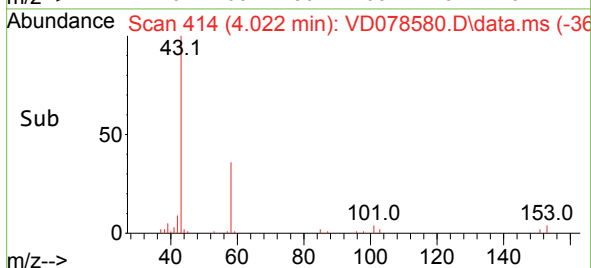
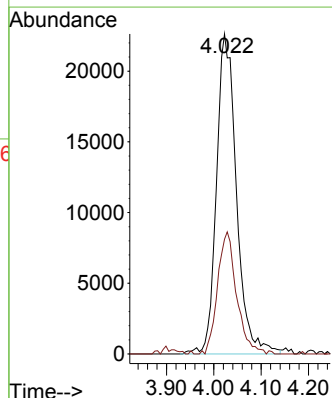
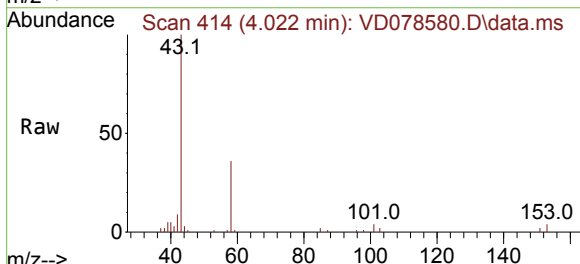
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

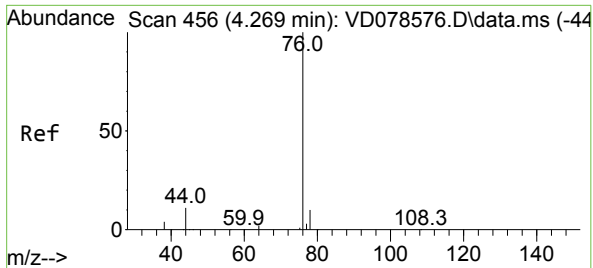
Tgt Ion:	53	Resp:	69658
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.0	97.4
51	36.6	28.3	42.5



#16
Acetone
Concen: 242.474 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion:	43	Resp:	66348
Ion	Ratio	Lower	Upper
43	100		
58	35.8	34.7	52.1

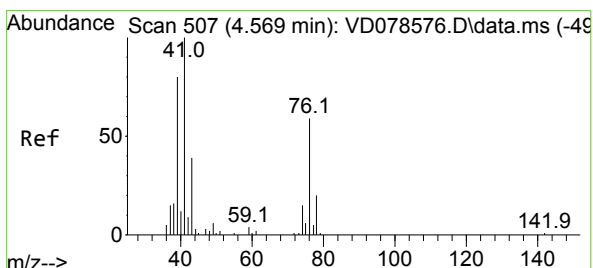
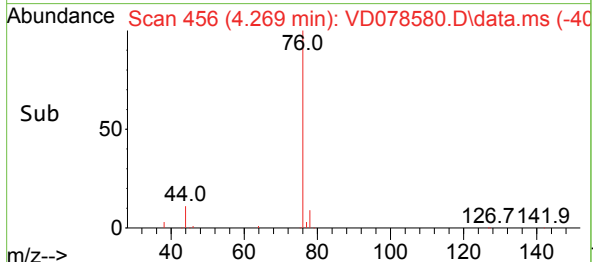
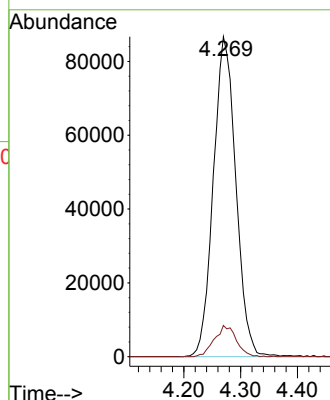
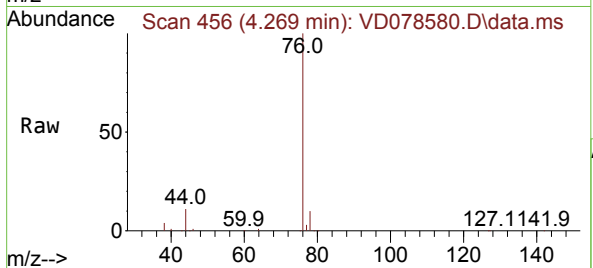




#17
Carbon Disulfide
Concen: 50.778 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

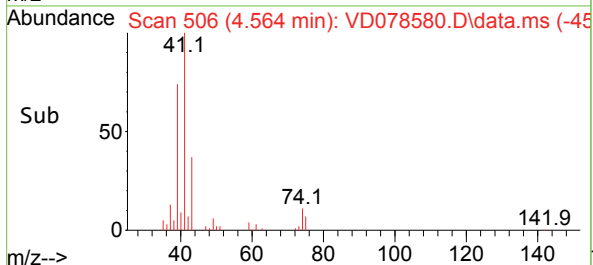
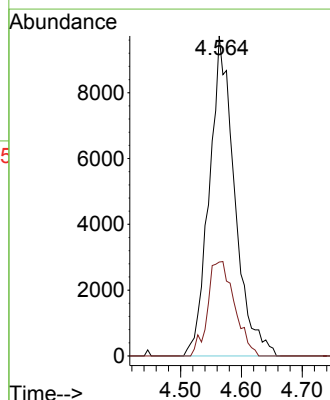
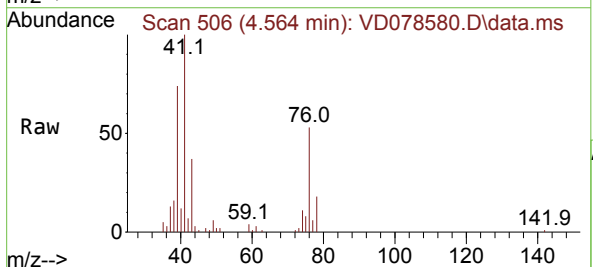
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

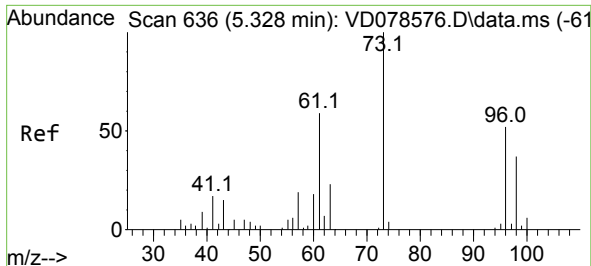
Tgt Ion: 76 Resp: 238368
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2



#18
Methyl Acetate
Concen: 54.425 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion: 43 Resp: 28188
Ion Ratio Lower Upper
43 100
74 31.2 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 51.679 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.011 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

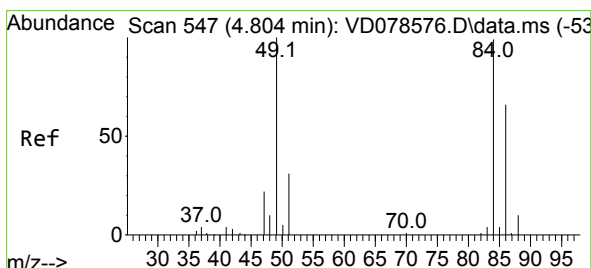
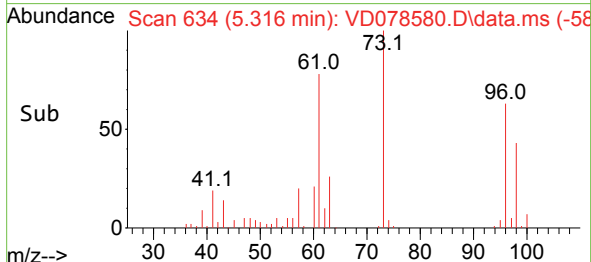
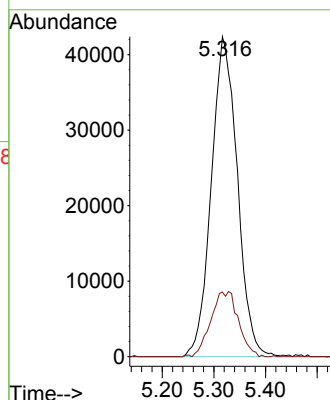
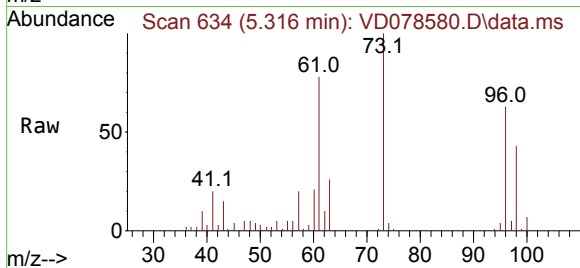
ICVVD030124

Tgt Ion: 73 Resp: 148050

Ion Ratio Lower Upper

73 100

57 20.2 16.6 25.0



#20

Methylene Chloride

Concen: 56.519 ug/l

RT: 4.811 min Scan# 548

Delta R.T. 0.007 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

Tgt Ion: 84 Resp: 103245

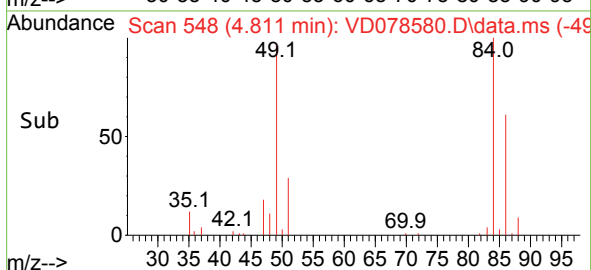
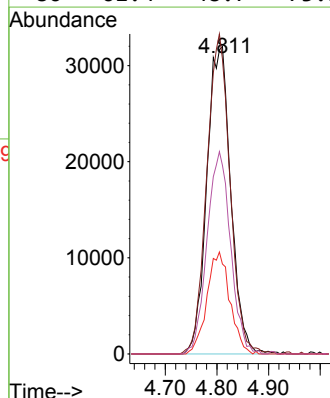
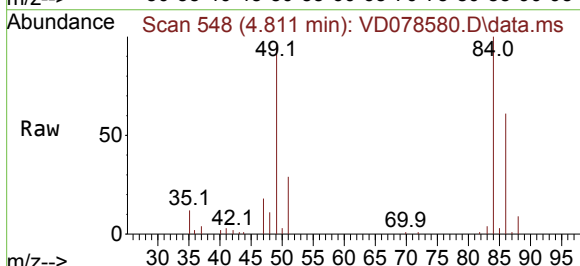
Ion Ratio Lower Upper

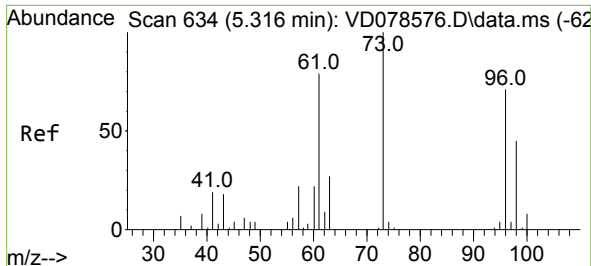
84 100

49 95.9 71.4 107.2

51 29.2 24.5 36.7

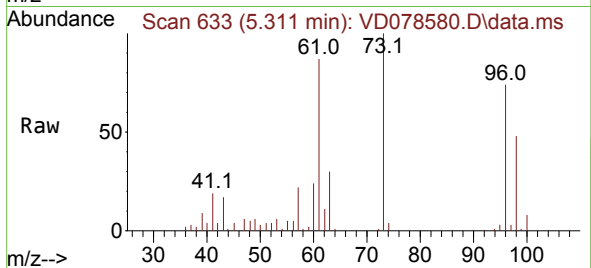
86 61.4 48.7 73.1



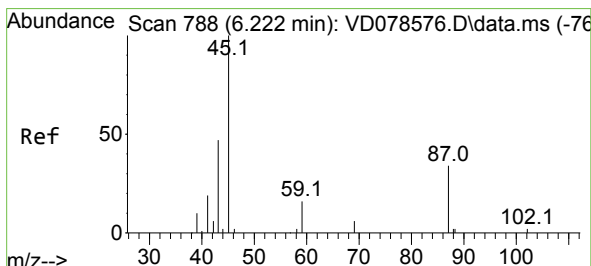
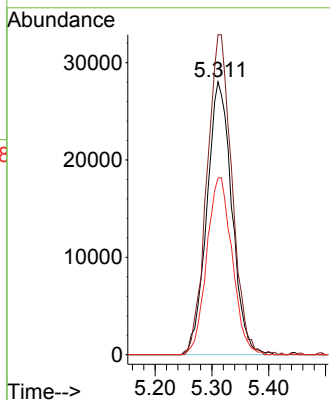
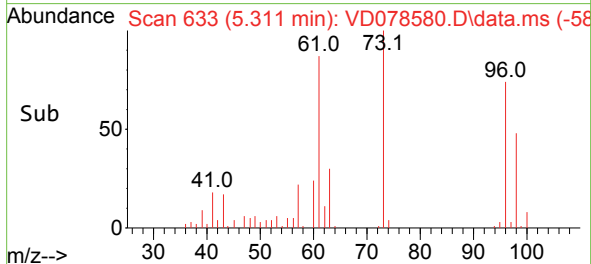


#21
trans-1,2-Dichloroethene
Concen: 50.536 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

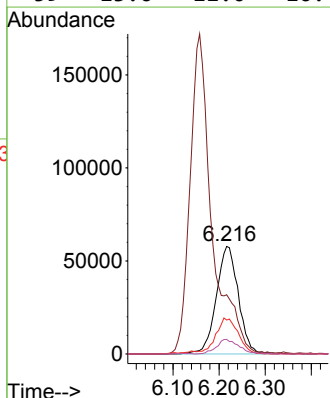
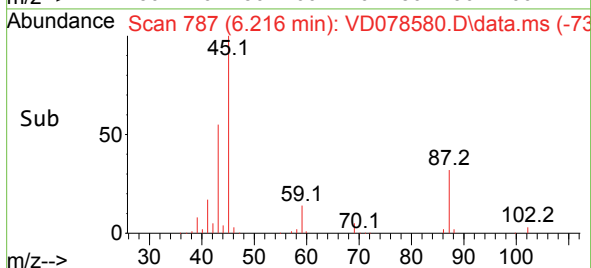
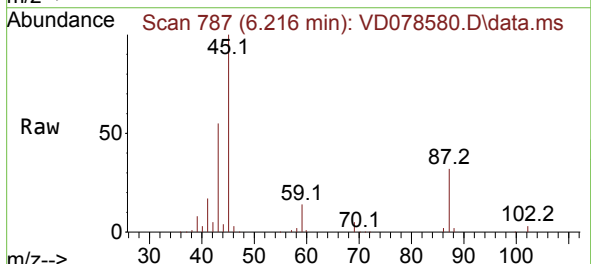


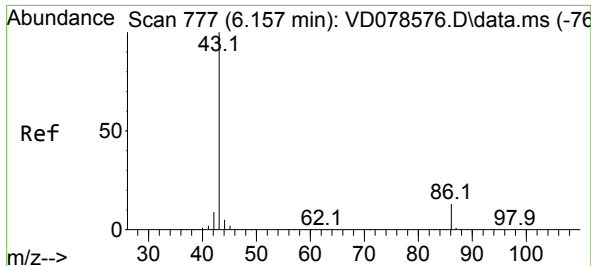
Tgt Ion: 96 Resp: 85556
Ion Ratio Lower Upper
96 100
61 117.3 89.3 133.9
98 64.7 48.6 73.0



#22
Diisopropyl ether
Concen: 53.260 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion: 45 Resp: 191635
Ion Ratio Lower Upper
45 100
43 53.8 40.0 60.0
87 31.5 28.2 42.4
59 13.6 11.0 16.4

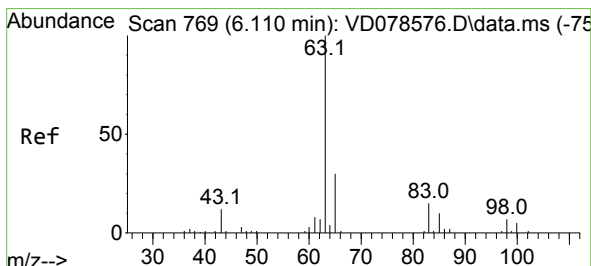
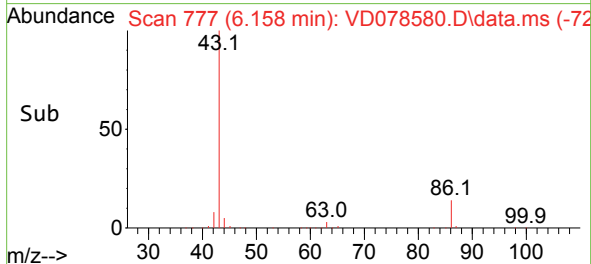
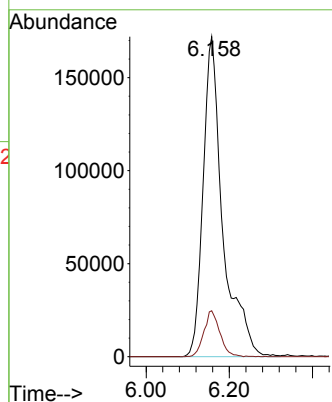
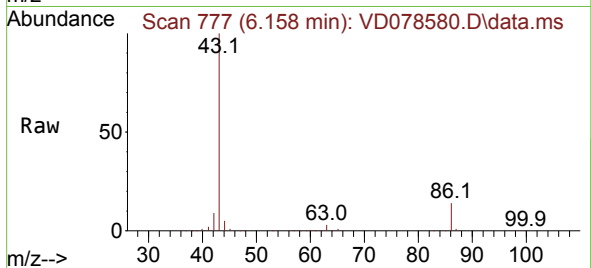




#23
 Vinyl Acetate
 Concen: 265.575 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078580.D
 Acq: 01 Mar 2024 15:48

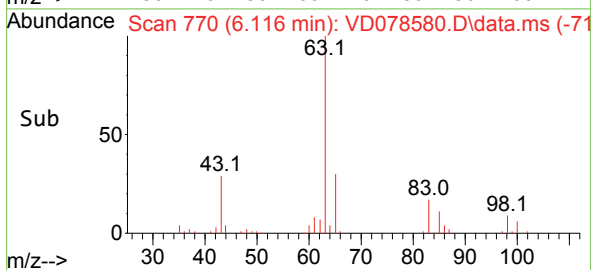
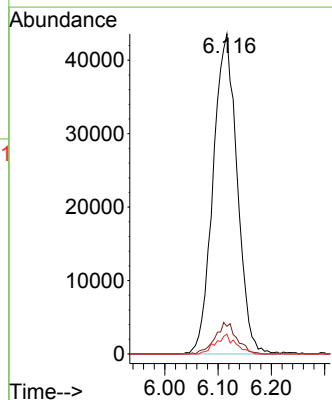
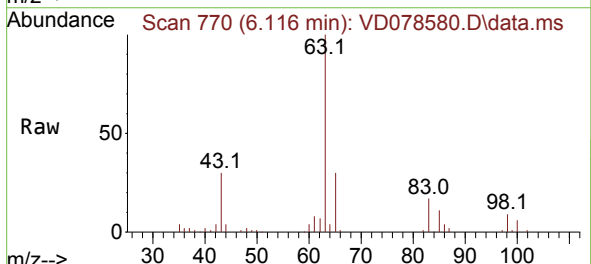
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD030124

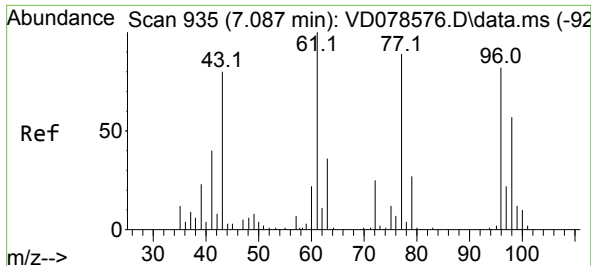
Tgt Ion: 43 Resp: 567529
 Ion Ratio Lower Upper
 43 100
 86 14.4 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 50.214 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078580.D
 Acq: 01 Mar 2024 15:48

Tgt Ion: 63 Resp: 136497
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.5 13.7
 100 6.2 2.5 7.5

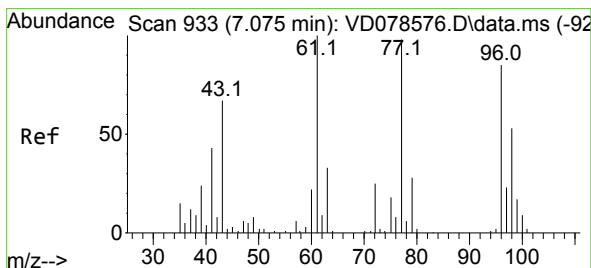
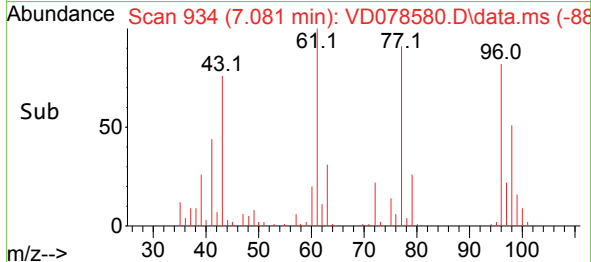
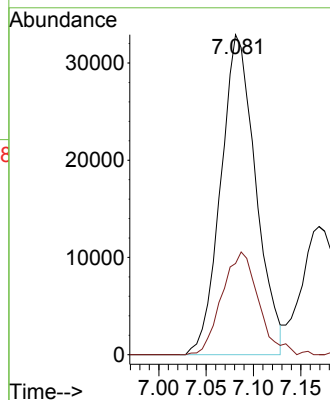
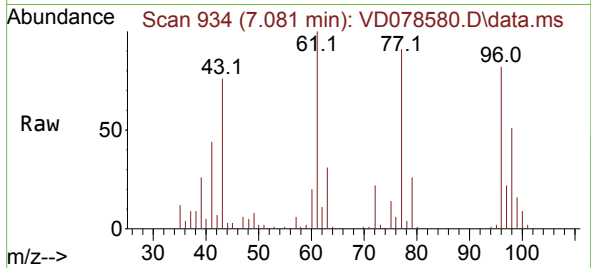




#25
2-Butanone
Concen: 244.776 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

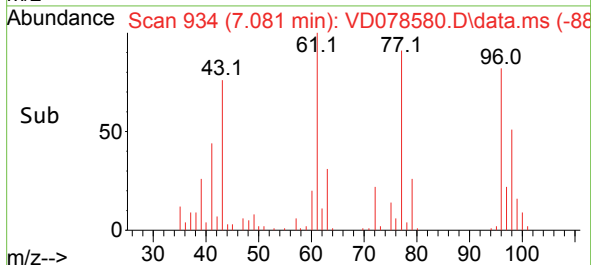
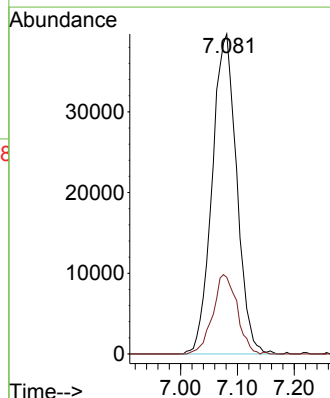
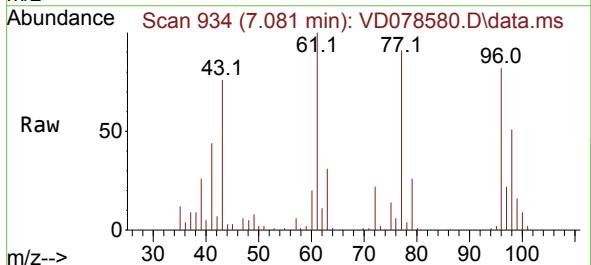
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

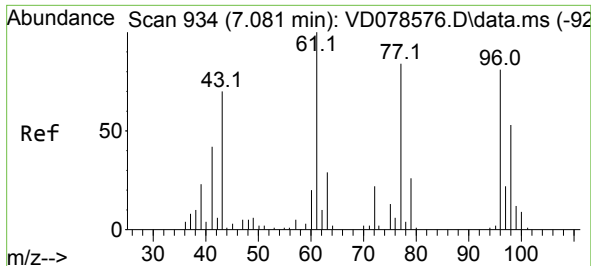
Tgt Ion: 43 Resp: 84487
Ion Ratio Lower Upper
43 100
72 28.5 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 51.802 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion: 77 Resp: 118959
Ion Ratio Lower Upper
77 100
97 24.5 13.2 39.6

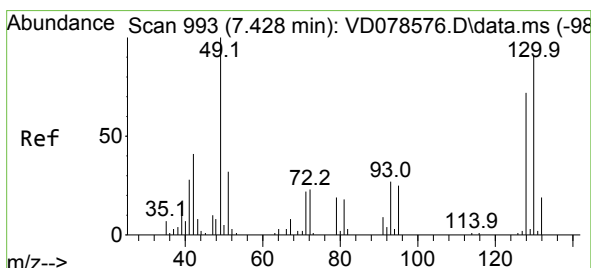
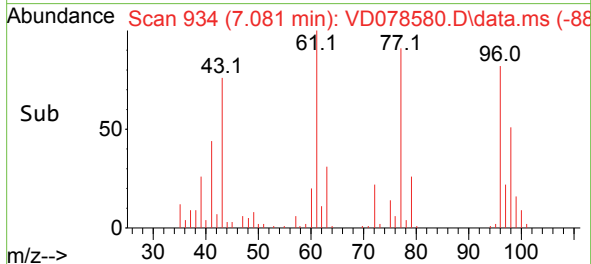
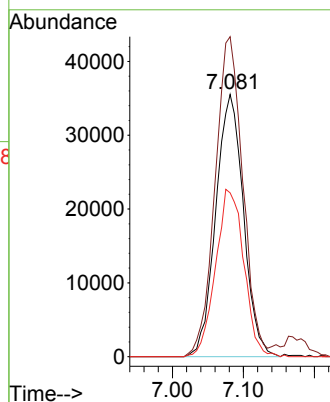
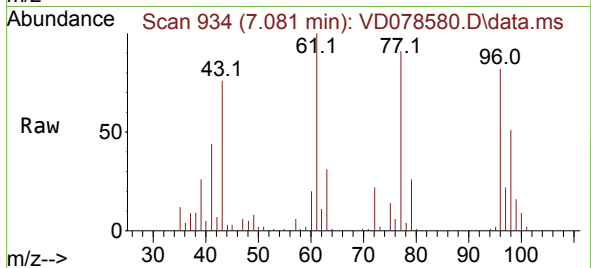




#27
 cis-1,2-Dichloroethene
 Concen: 51.836 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078580.D
 Acq: 01 Mar 2024 15:48

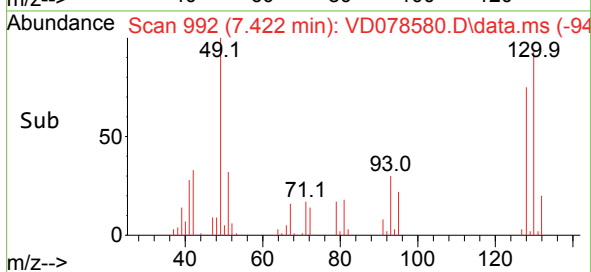
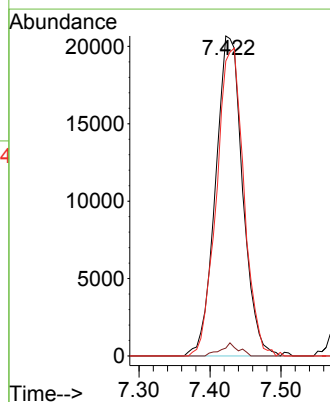
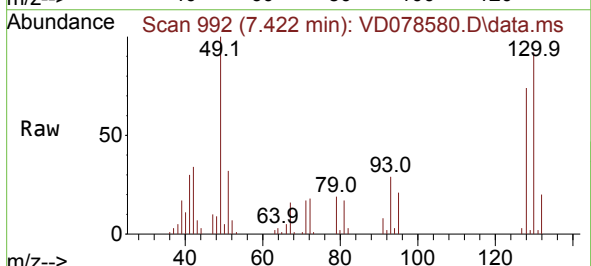
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD030124

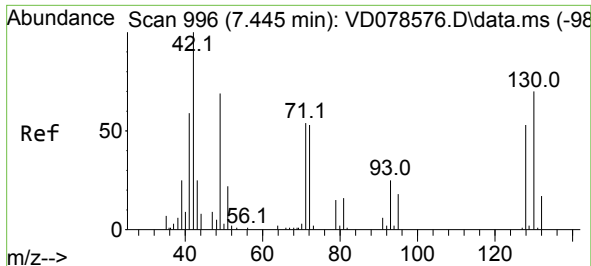
Tgt Ion: 96	Resp: 96092
Ion Ratio	Lower Upper
96 100	
61 121.9	0.0 239.2
98 65.0	0.0 128.6



#28
 Bromochloromethane
 Concen: 54.011 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD078580.D
 Acq: 01 Mar 2024 15:48

Tgt Ion: 49	Resp: 54849
Ion Ratio	Lower Upper
49 100	
129 2.6	0.0 6.0
130 96.8	83.2 124.8





#29

Tetrahydrofuran

Concen: 265.478 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

ICVVD030124

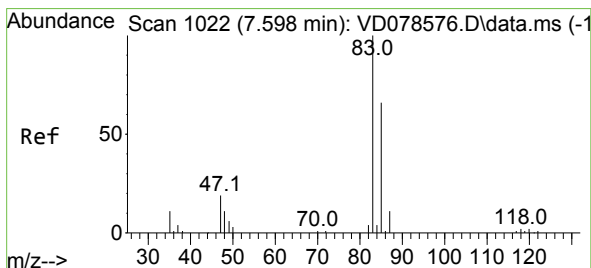
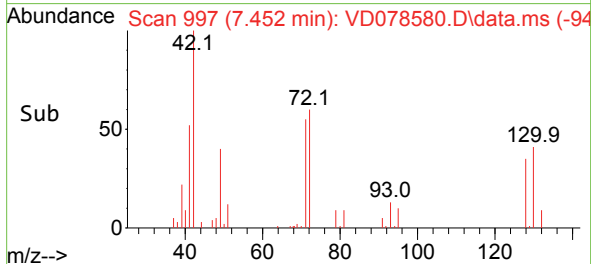
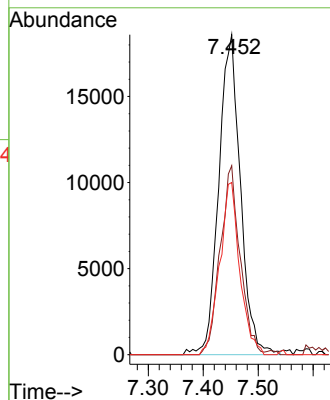
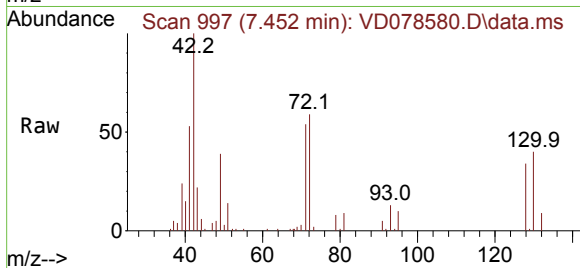
Tgt Ion: 42 Resp: 50908

Ion Ratio Lower Upper

42 100

72 54.6 46.5 69.7

71 49.8 44.5 66.7



#30

Chloroform

Concen: 51.065 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078580.D

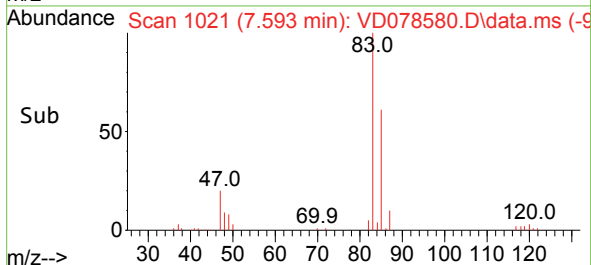
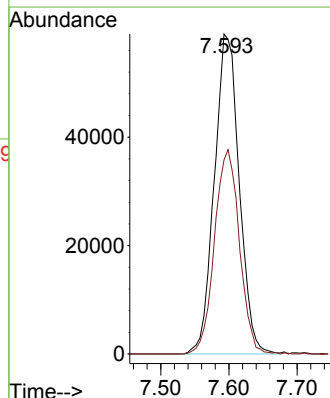
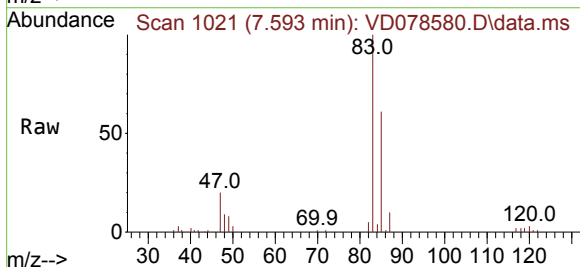
Acq: 01 Mar 2024 15:48

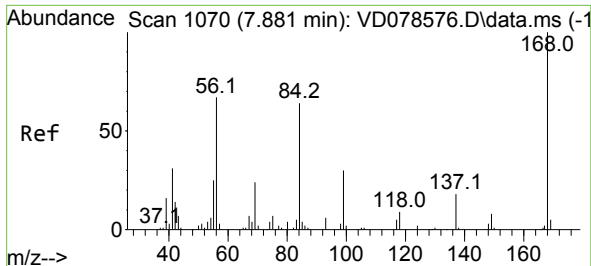
Tgt Ion: 83 Resp: 149878

Ion Ratio Lower Upper

83 100

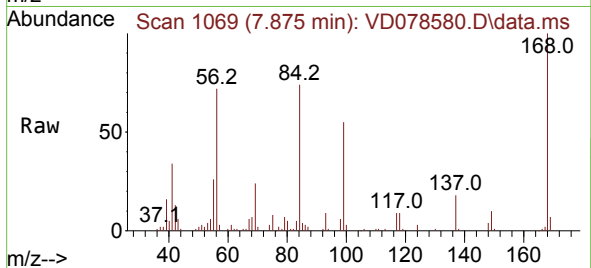
85 60.6 53.4 80.2



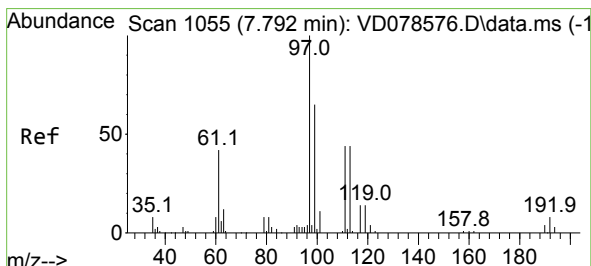
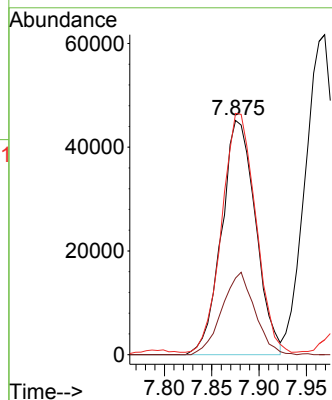
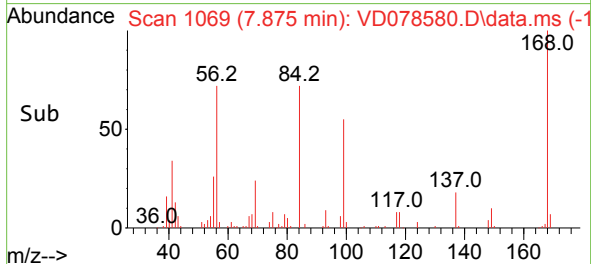


#31
Cyclohexane
Concen: 50.542 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

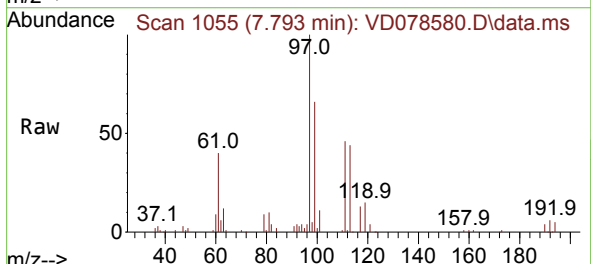
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124



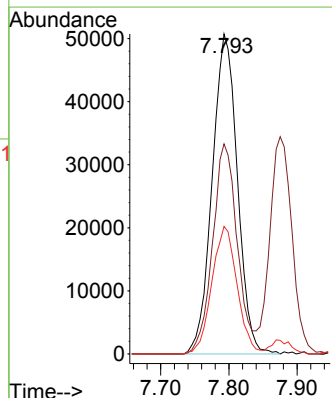
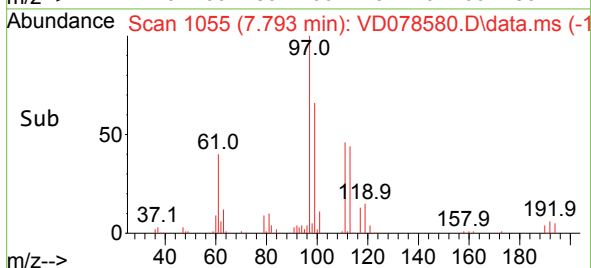
Tgt Ion: 56 Resp: 112987
Ion Ratio Lower Upper
56 100
69 32.7 28.6 43.0
84 101.9 84.8 127.2

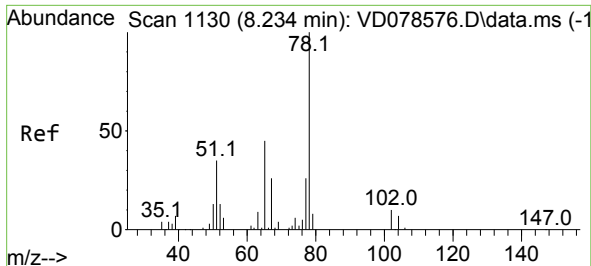


#32
1,1,1-Trichloroethane
Concen: 51.832 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48



Tgt Ion: 97 Resp: 130506
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 40.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 45.865 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

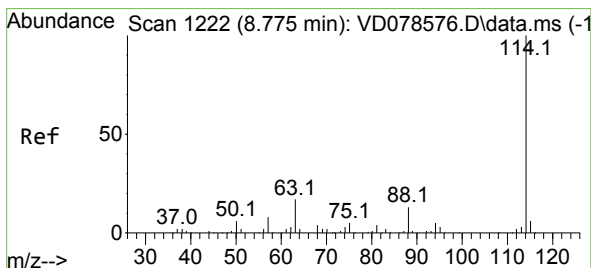
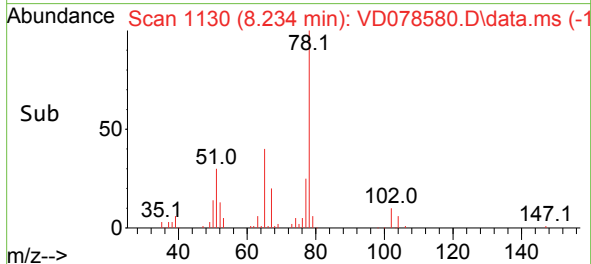
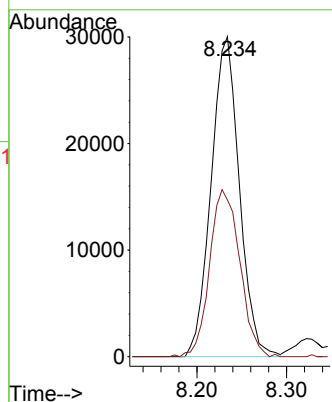
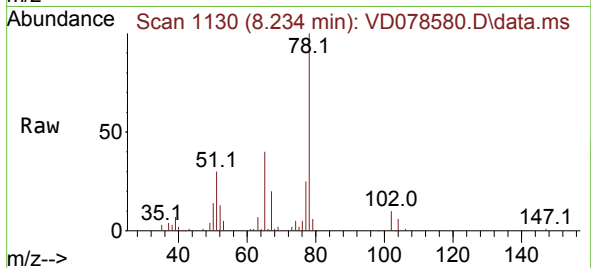
ICVVD030124

Tgt Ion: 65 Resp: 65507

Ion Ratio Lower Upper

65 100

67 55.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

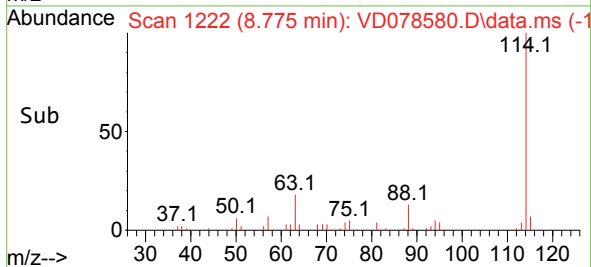
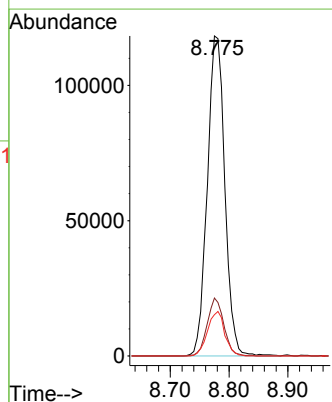
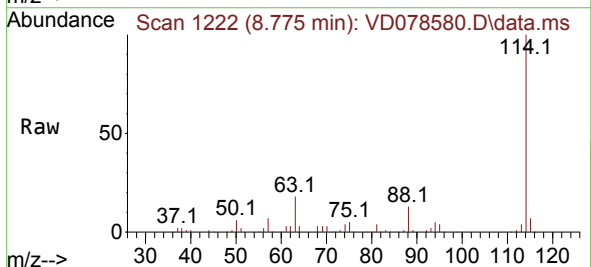
Tgt Ion: 114 Resp: 244655

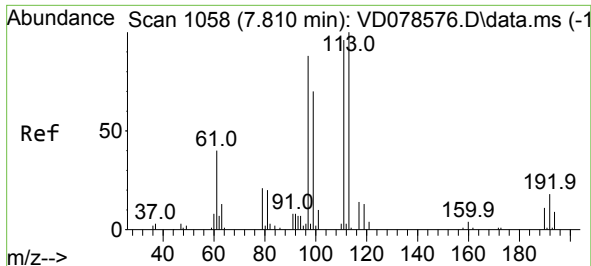
Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 12.9 0.0 26.2

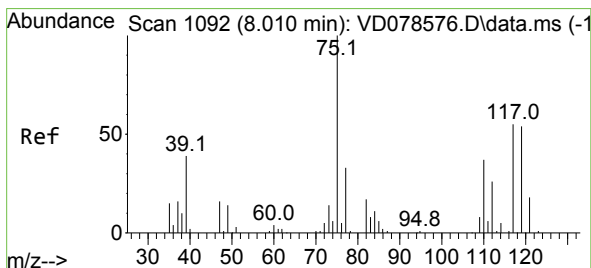
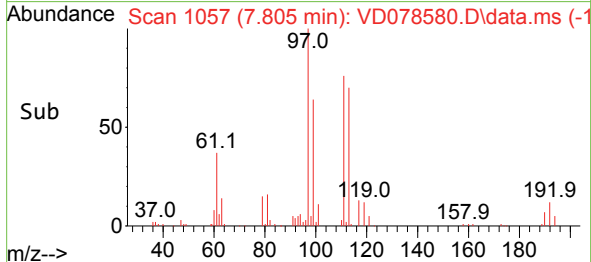
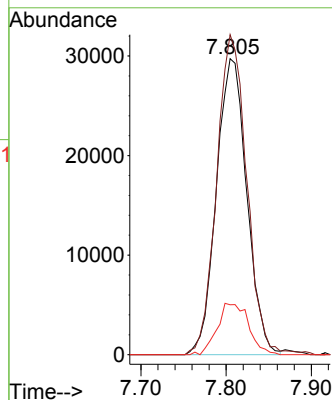
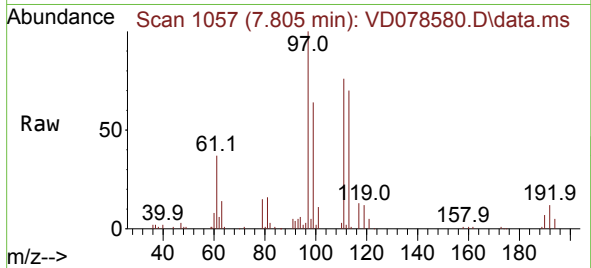




#35
Dibromofluoromethane
Concen: 46.392 ug/l
RT: 7.805 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

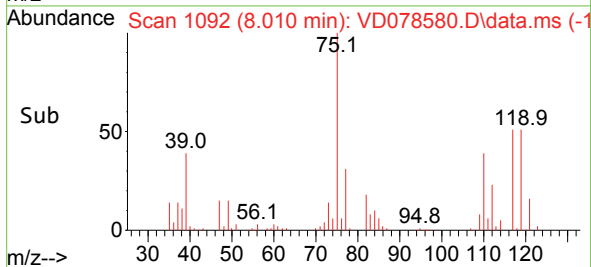
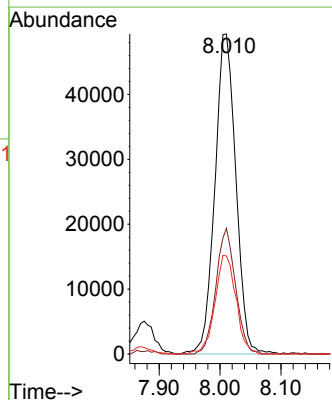
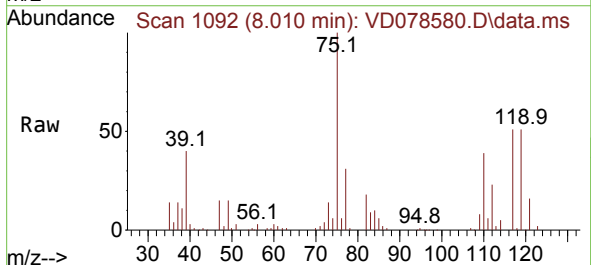
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

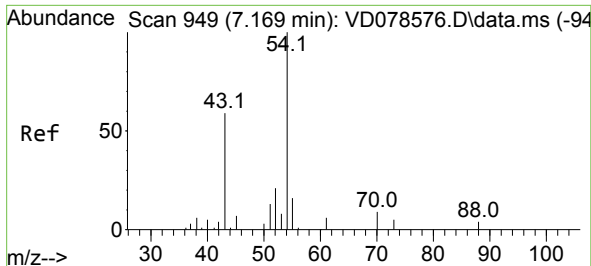
Tgt Ion:113 Resp: 73832
Ion Ratio Lower Upper
113 100
111 107.1 84.7 127.1
192 17.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 53.574 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion: 75 Resp: 117984
Ion Ratio Lower Upper
75 100
110 36.7 19.9 59.6
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 50.416 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

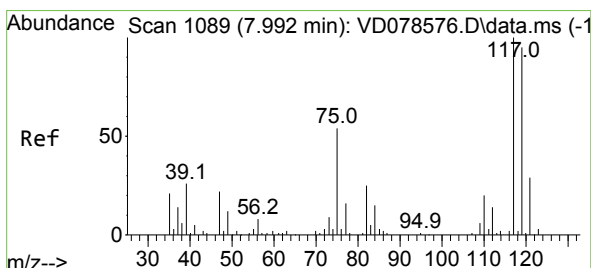
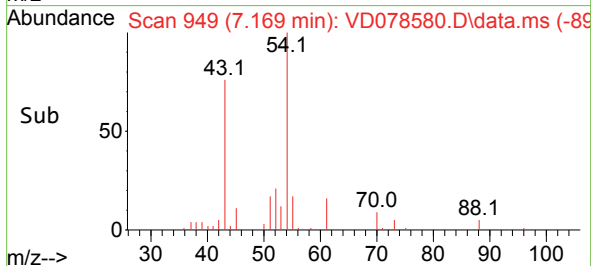
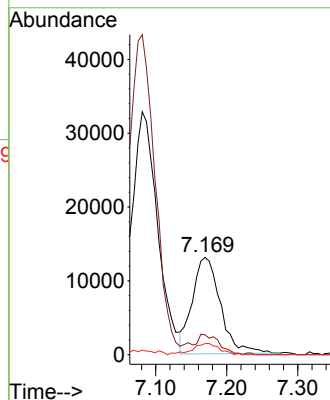
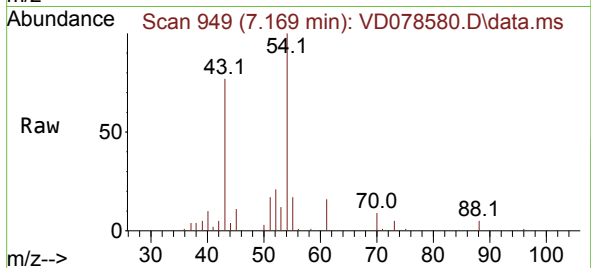
Instrument :

MSVOA_D

ClientSampleId :

ICVVD030124

Tgt Ion:	43	Resp:	35975
Ion	Ratio	Lower	Upper
43	100		
61	16.1	14.9	22.3
70	11.2	10.0	15.0



#38

Carbon Tetrachloride

Concen: 51.041 ug/l

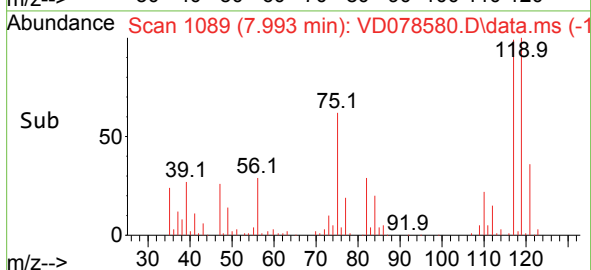
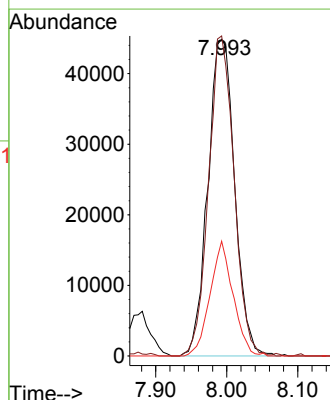
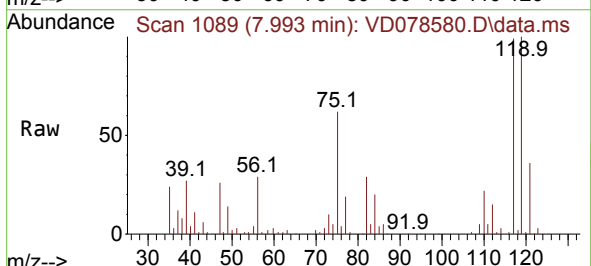
RT: 7.993 min Scan# 1089

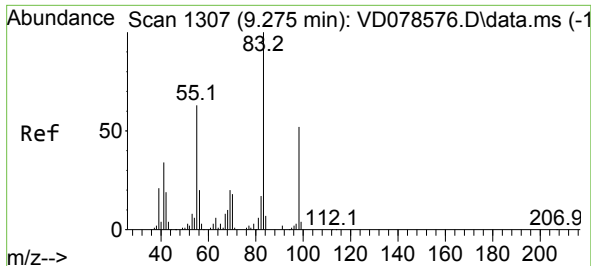
Delta R.T. 0.000 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

Tgt Ion:	117	Resp:	117568
Ion	Ratio	Lower	Upper
117	100		
119	101.1	78.0	117.0
121	36.2	24.2	36.2





#39

Methylcyclohexane

Concen: 51.648 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

ICVVD030124

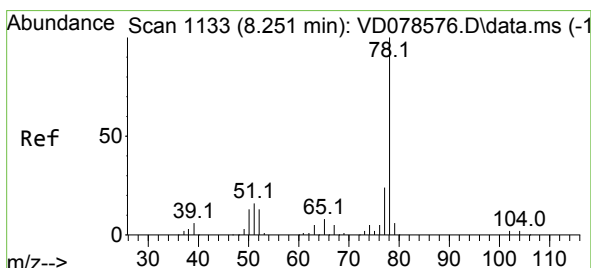
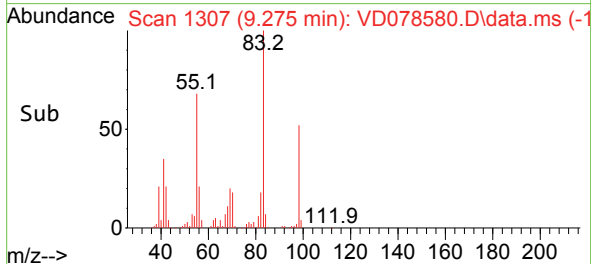
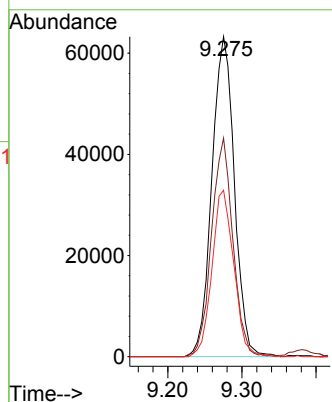
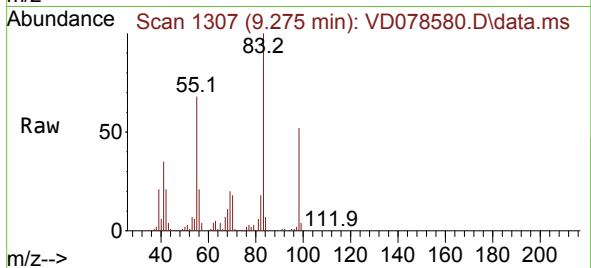
Tgt Ion: 83 Resp: 133498

Ion Ratio Lower Upper

83 100

55 68.3 49.4 74.0

98 52.0 38.4 57.6



#40

Benzene

Concen: 52.012 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078580.D

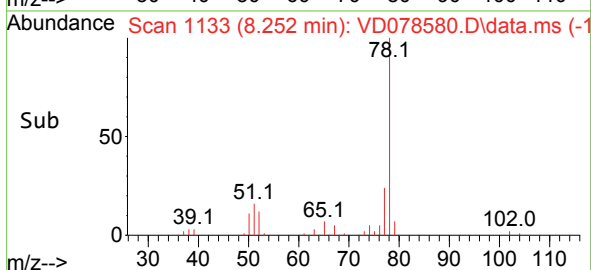
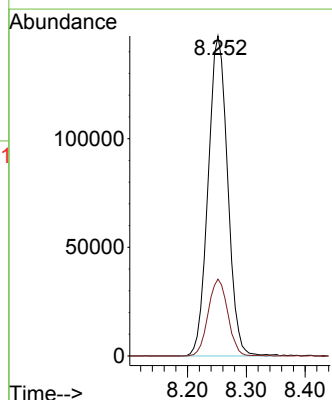
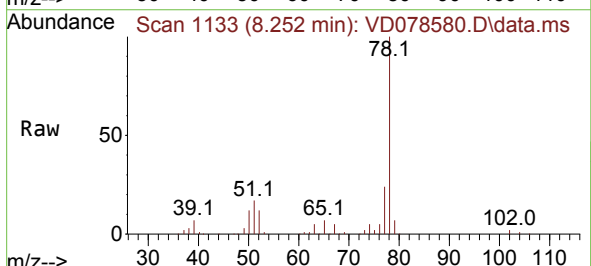
Acq: 01 Mar 2024 15:48

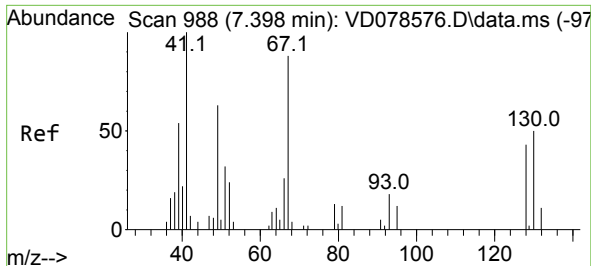
Tgt Ion: 78 Resp: 339516

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.0



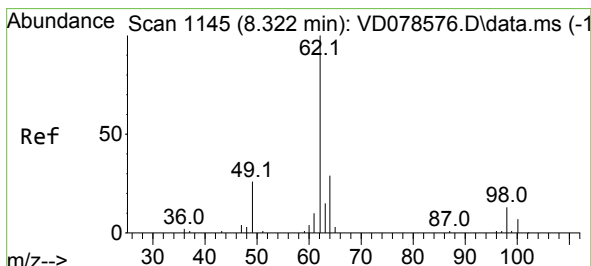
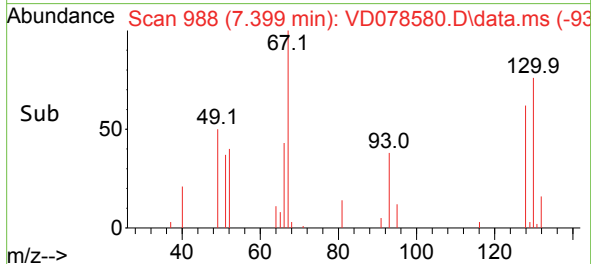
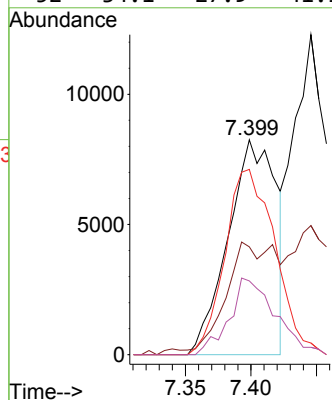
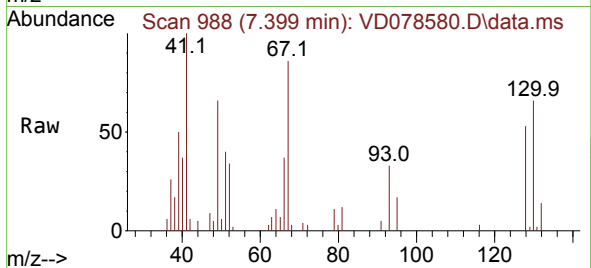


#41
Methacrylonitrile
Concen: 54.989 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

Tgt Ion: 41 Resp: 21031

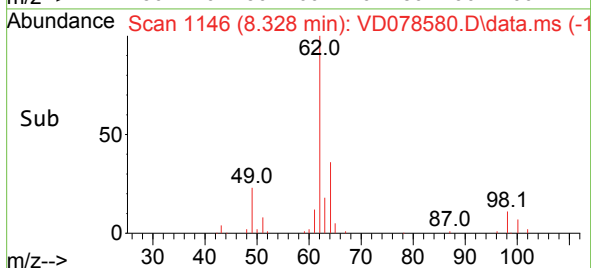
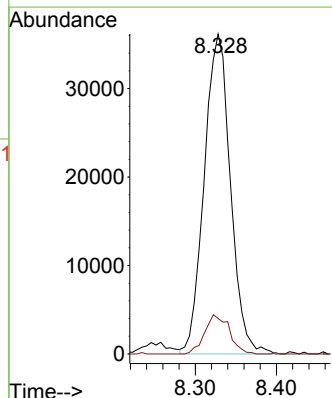
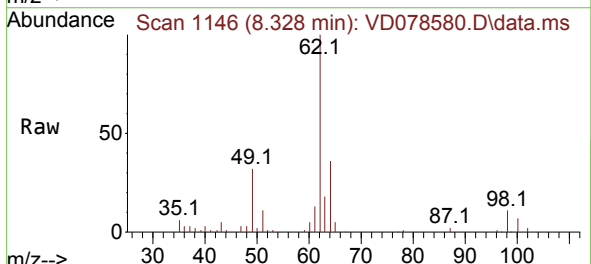
Ion	Ratio	Lower	Upper
41	100		
39	35.2	34.0	51.0
67	89.8	77.0	115.4
52	34.1	27.9	41.9

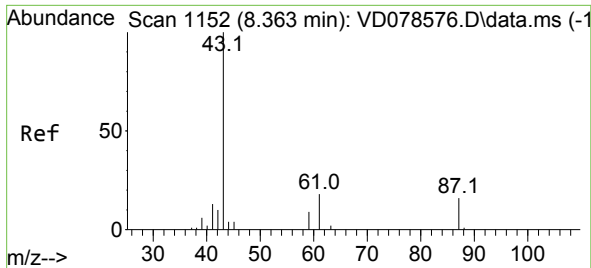


#42
1,2-Dichloroethane
Concen: 49.007 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion: 62 Resp: 81156

Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	25.4

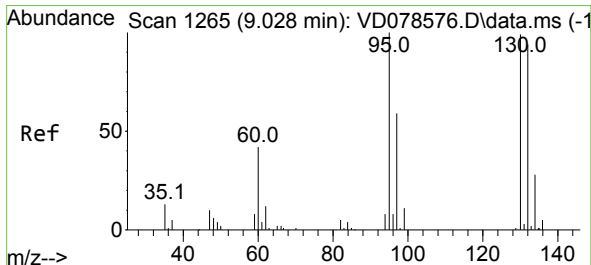
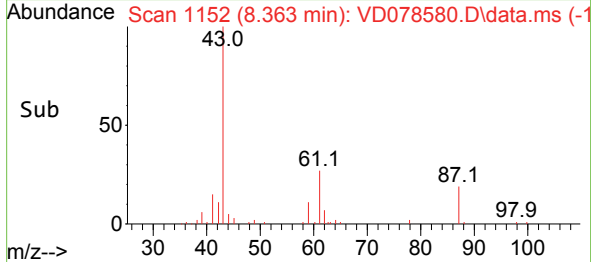
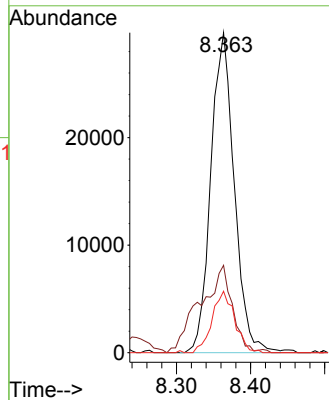
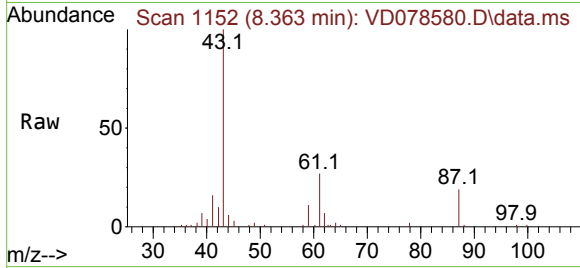




#43
Isopropyl Acetate
Concen: 47.752 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

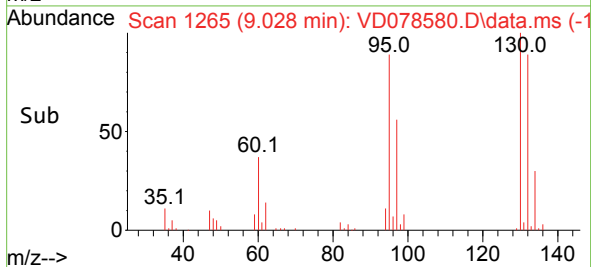
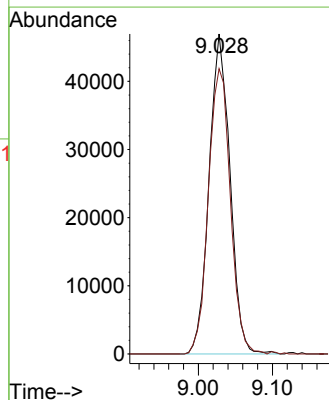
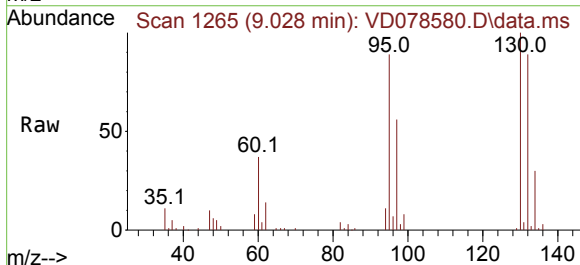
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

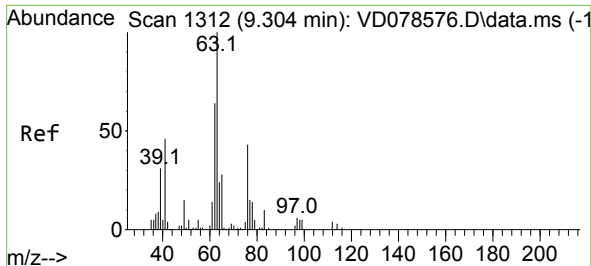
Tgt Ion: 43	Resp: 65326
Ion Ratio	Lower Upper
43	100
61	37.3 31.4 47.0
87	18.5 14.9 22.3



#44
Trichloroethene
Concen: 51.506 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion: 130	Resp: 92261
Ion Ratio	Lower Upper
130	100
95	89.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 51.484 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

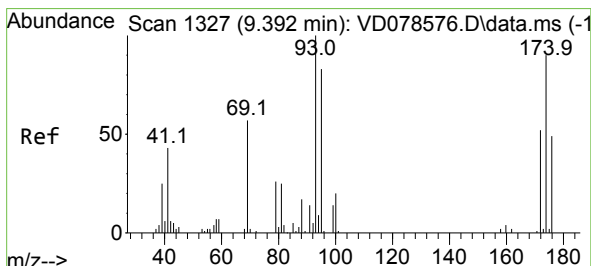
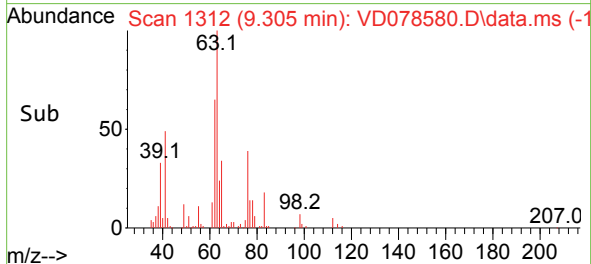
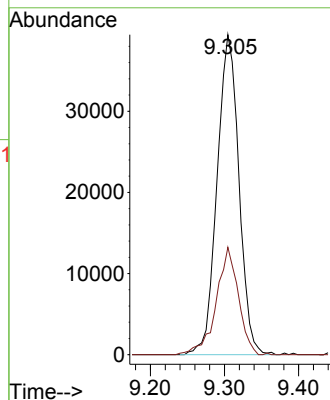
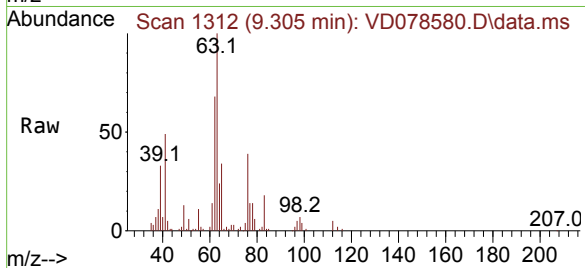
ICVVD030124

Tgt Ion: 63 Resp: 80730

Ion Ratio Lower Upper

63 100

65 33.6 24.5 36.7



#46

Dibromomethane

Concen: 52.202 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

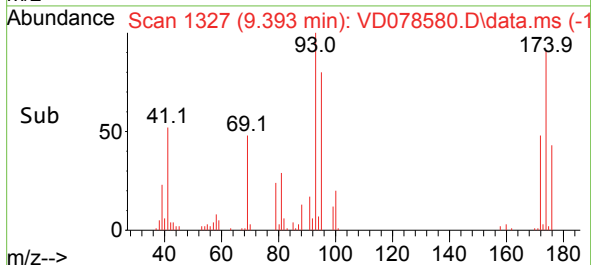
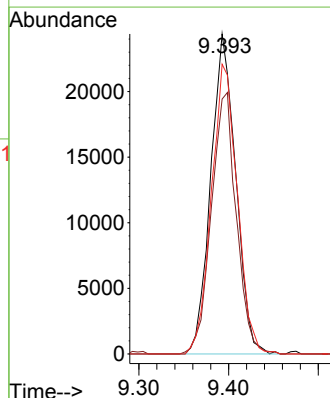
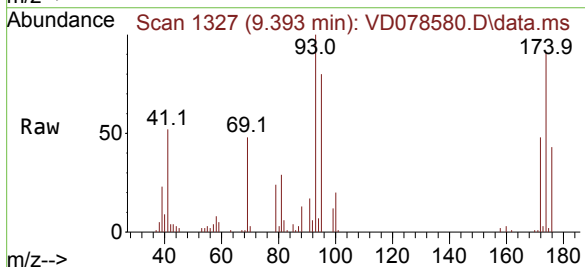
Tgt Ion: 93 Resp: 47189

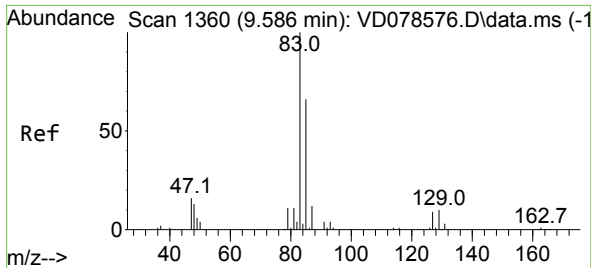
Ion Ratio Lower Upper

93 100

95 81.9 67.7 101.5

174 93.5 85.4 128.2

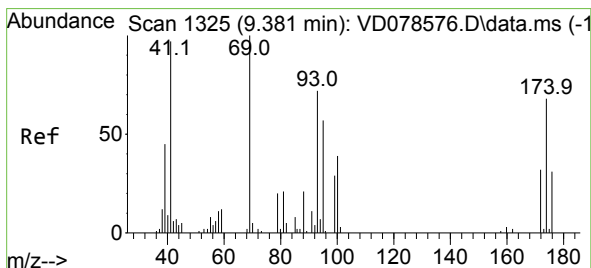
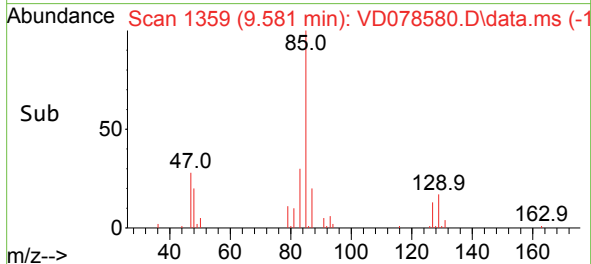
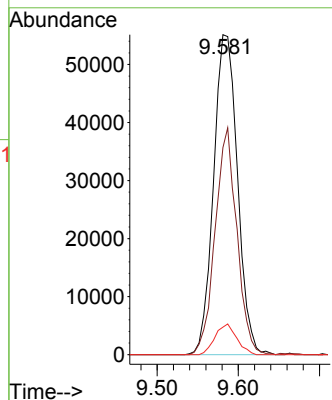
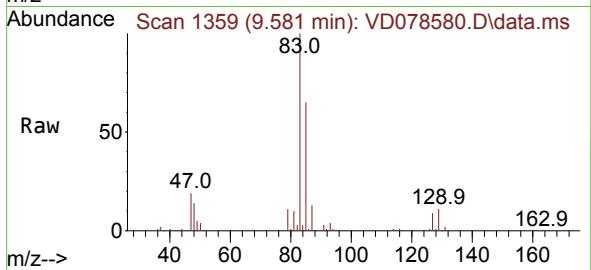




#47
Bromodichloromethane
Concen: 50.704 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

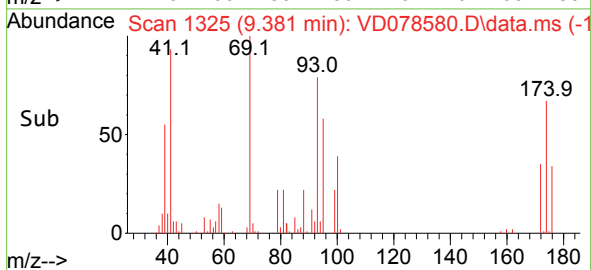
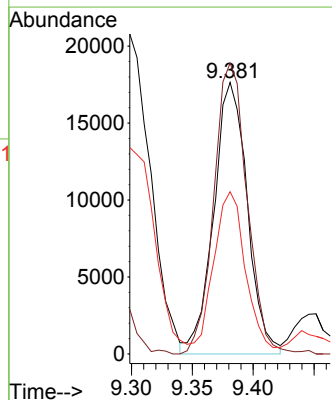
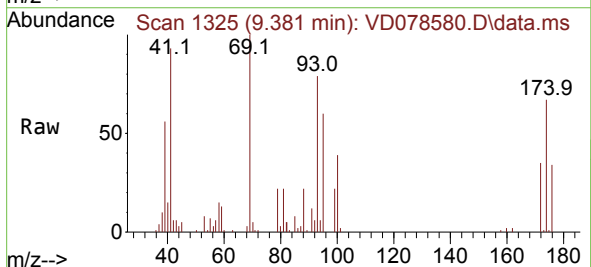
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

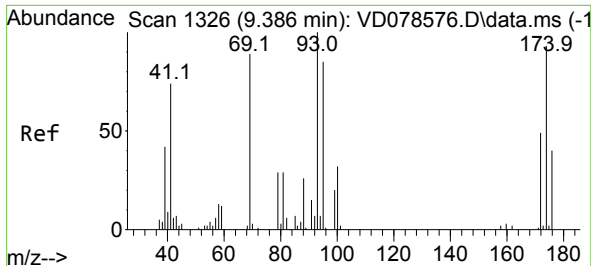
Tgt Ion: 83 Resp: 113016
Ion Ratio Lower Upper
83 100
85 64.7 50.2 75.4
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 54.765 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion: 41 Resp: 33938
Ion Ratio Lower Upper
41 100
69 106.0 102.2 153.2
39 57.1 41.4 62.2





#49

1,4-Dioxane

Concen: 957.224 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

ICVVD030124

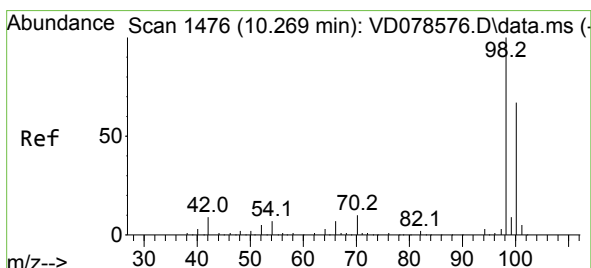
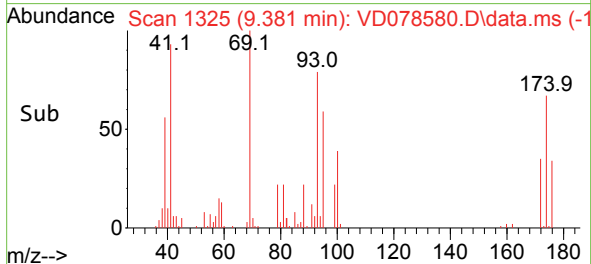
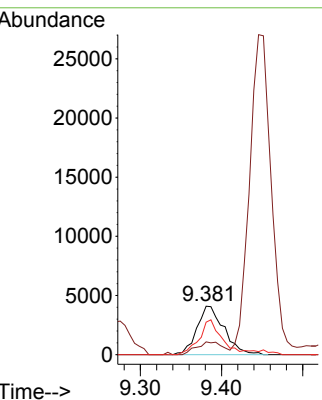
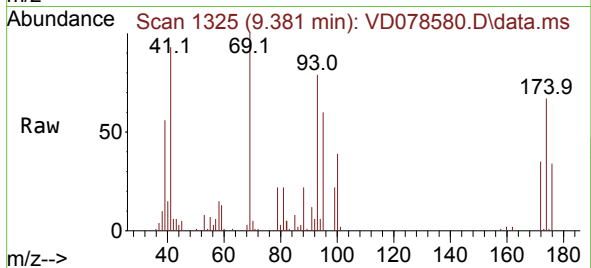
Tgt Ion: 88 Resp: 9507

Ion Ratio Lower Upper

88 100

43 25.8 19.0 28.6

58 66.4 43.5 65.3#



#50

Toluene-d8

Concen: 48.529 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078580.D

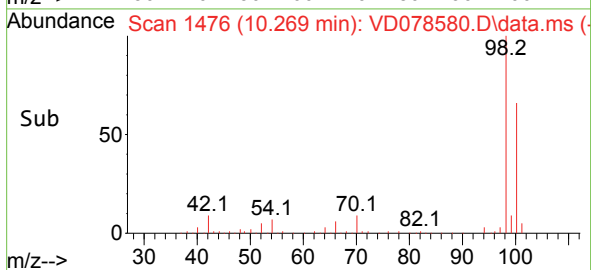
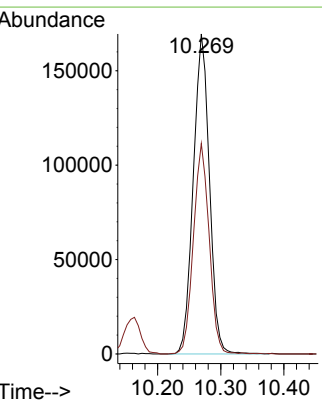
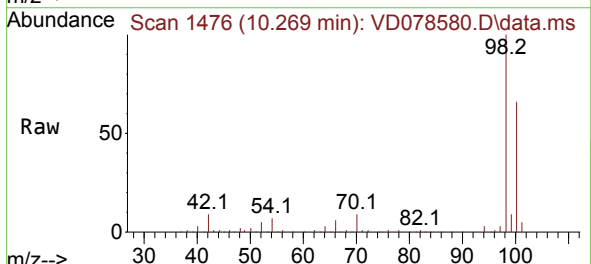
Acq: 01 Mar 2024 15:48

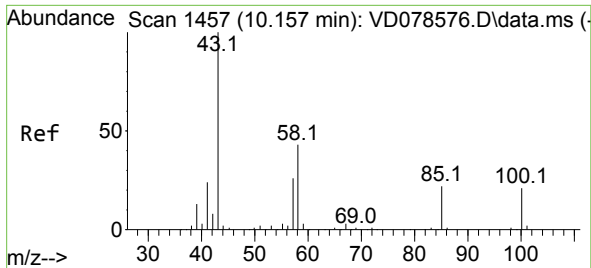
Tgt Ion: 98 Resp: 300109

Ion Ratio Lower Upper

98 100

100 64.2 50.3 75.5

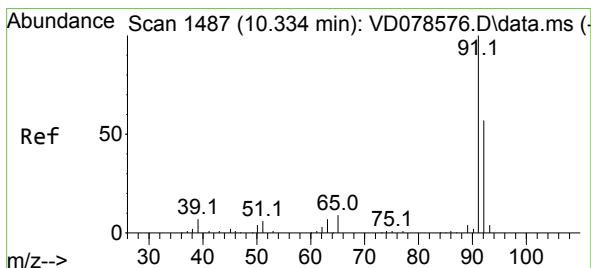
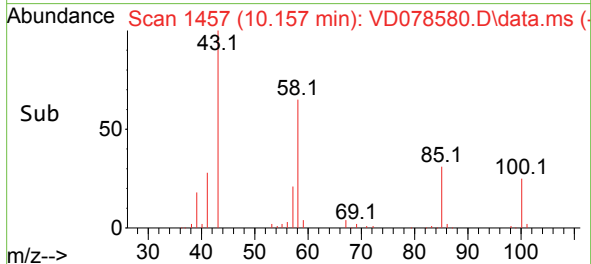
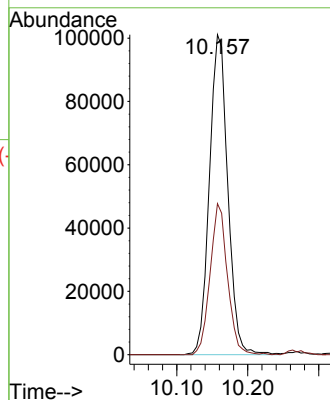
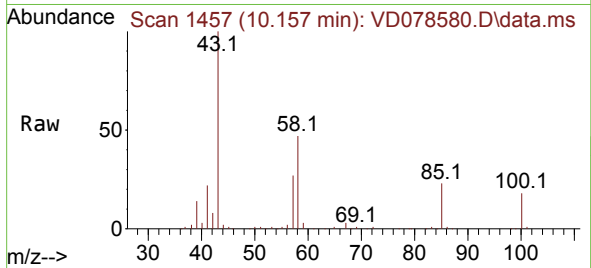




#51
4-Methyl-2-Pentanone
Concen: 256.580 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

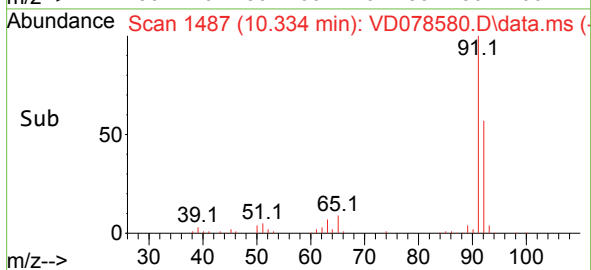
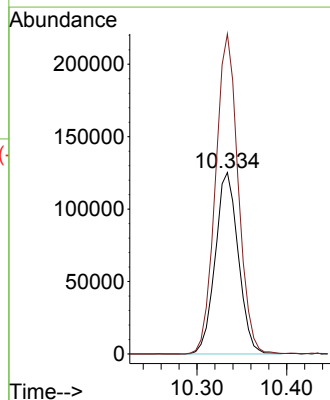
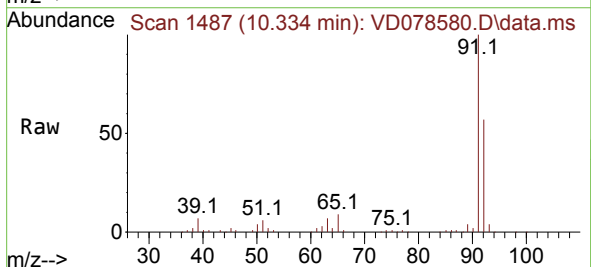
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

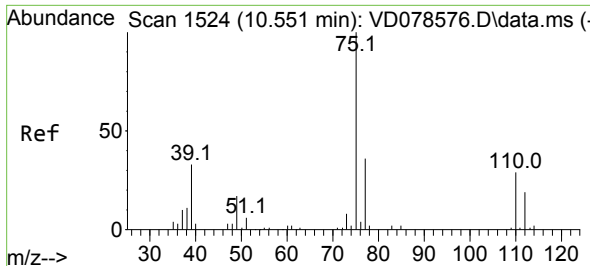
Tgt Ion: 43 Resp: 181173
Ion Ratio Lower Upper
43 100
58 44.8 38.9 58.3



#52
Toluene
Concen: 53.335 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion: 92 Resp: 223389
Ion Ratio Lower Upper
92 100
91 173.5 143.0 214.4

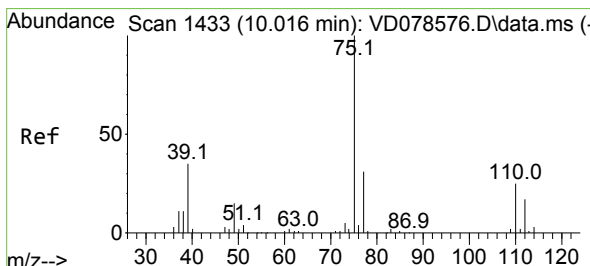
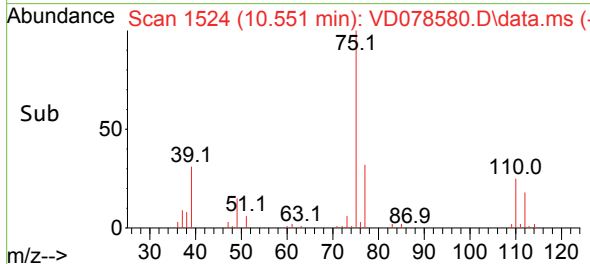
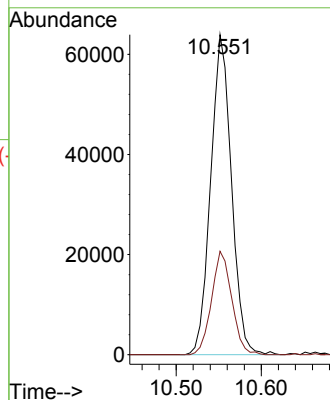
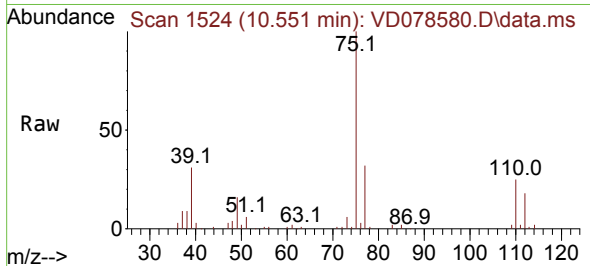




#53
 t-1,3-Dichloropropene
 Concen: 52.545 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD078580.D
 Acq: 01 Mar 2024 15:48

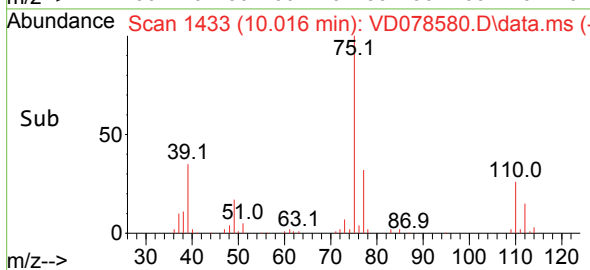
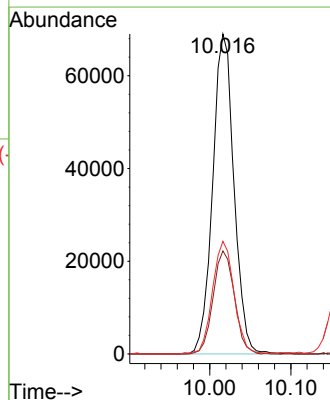
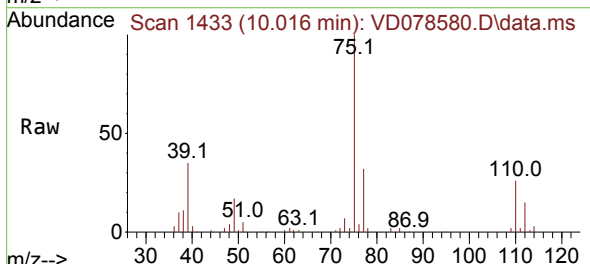
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD030124

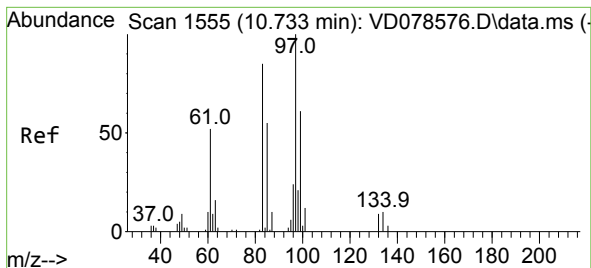
Tgt Ion: 75 Resp: 108346
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 50.884 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078580.D
 Acq: 01 Mar 2024 15:48

Tgt Ion: 75 Resp: 125625
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.5 38.3
 39 35.2 22.1 33.1#

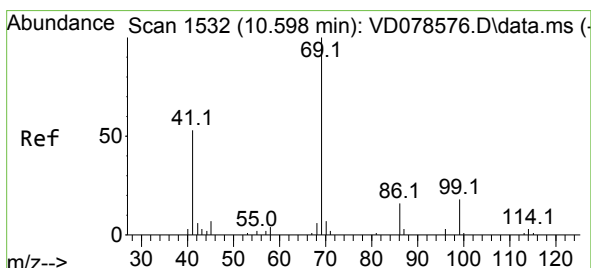
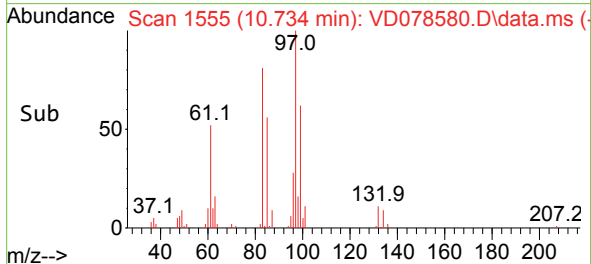
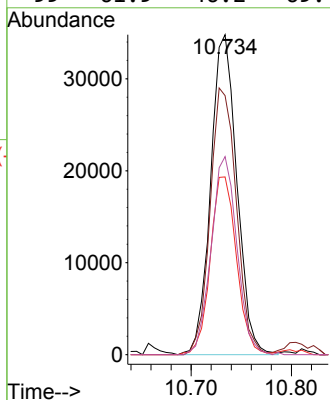
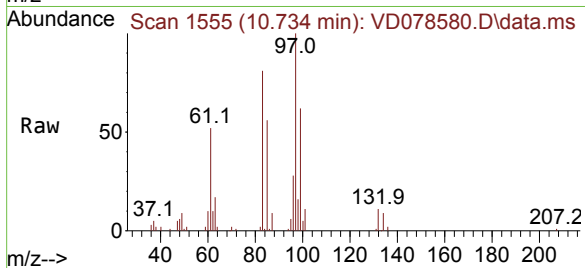




#55
1,1,2-Trichloroethane
Concen: 49.647 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

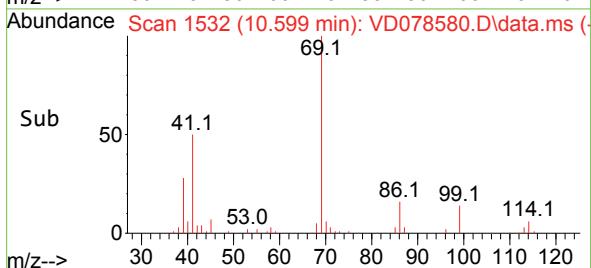
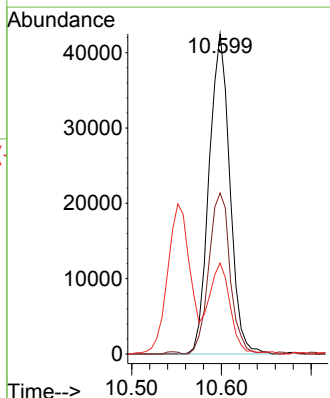
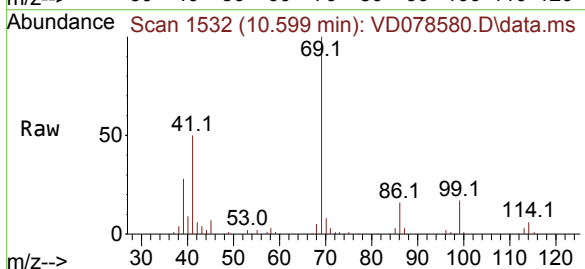
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

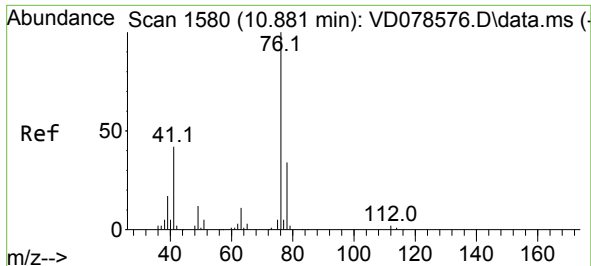
Tgt Ion:	97	Resp:	63194
Ion	Ratio	Lower	Upper
97	100		
83	80.9	65.8	98.6
85	55.5	45.7	68.5
99	61.9	46.2	69.4



#56
Ethyl methacrylate
Concen: 53.361 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion:	69	Resp:	68076
Ion	Ratio	Lower	Upper
69	100		
41	51.9	39.1	58.7
39	29.7	20.0	30.0





#57

1,3-Dichloropropane

Concen: 51.131 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

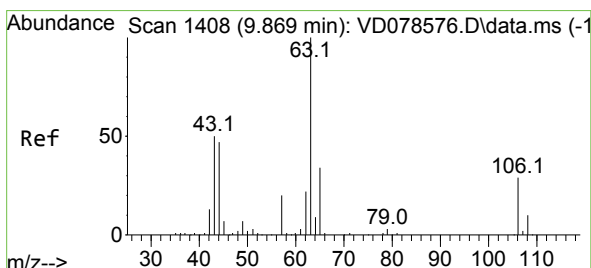
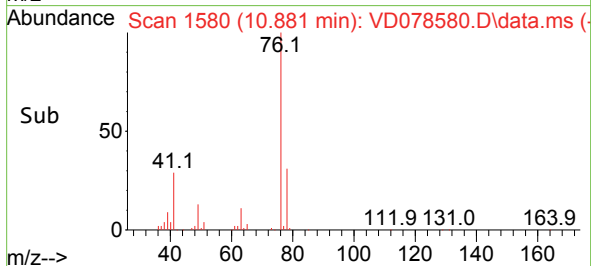
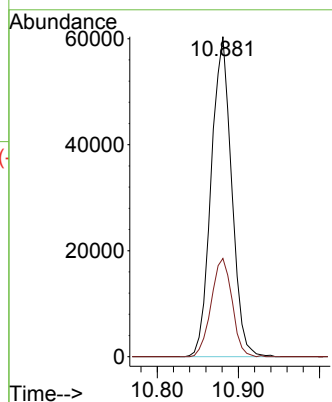
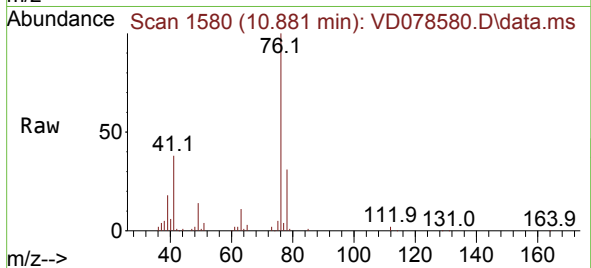
ICVVD030124

Tgt Ion: 76 Resp: 105466

Ion Ratio Lower Upper

76 100

78 31.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 316.209 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078580.D

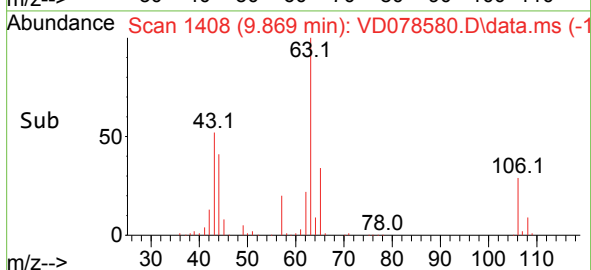
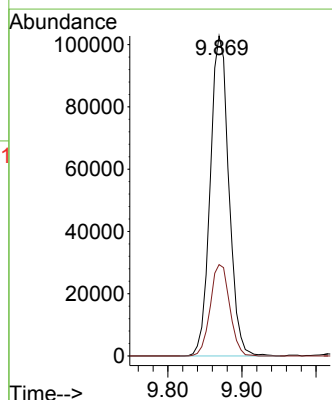
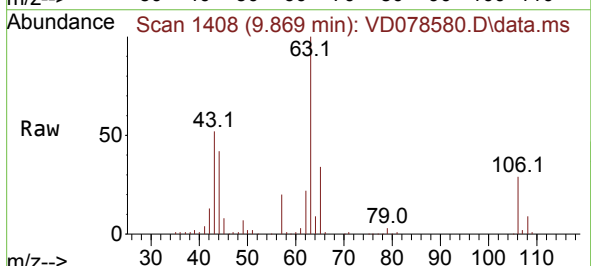
Acq: 01 Mar 2024 15:48

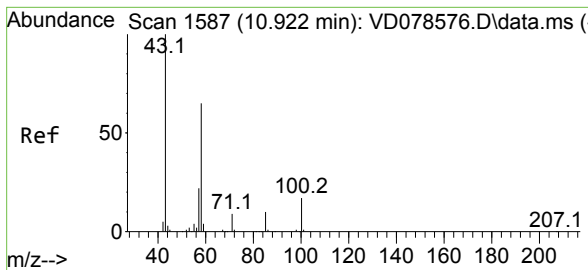
Tgt Ion: 63 Resp: 179345

Ion Ratio Lower Upper

63 100

106 29.8 25.3 37.9

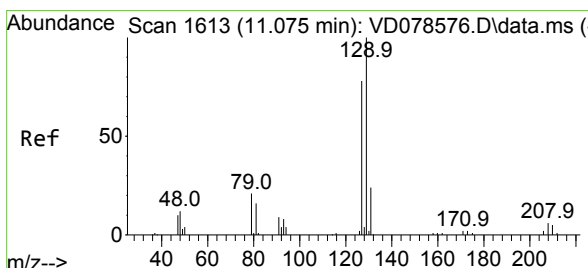
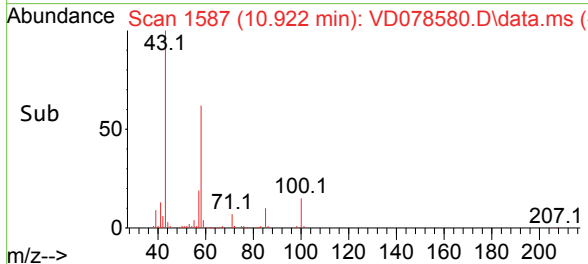
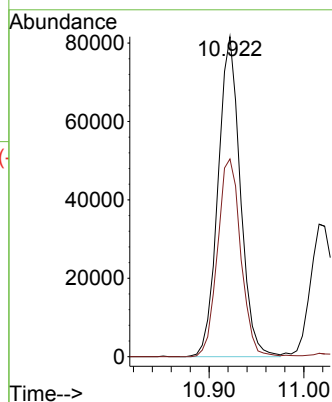
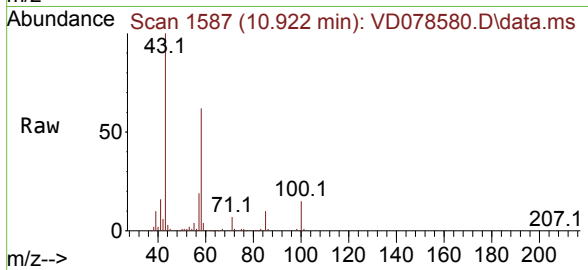




#59
2-Hexanone
Concen: 254.855 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

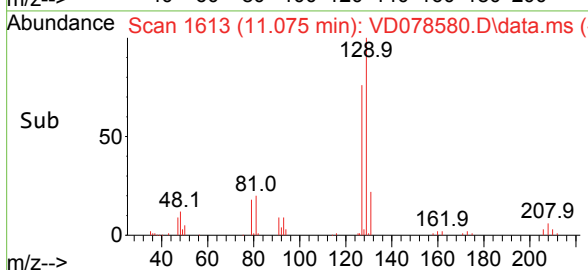
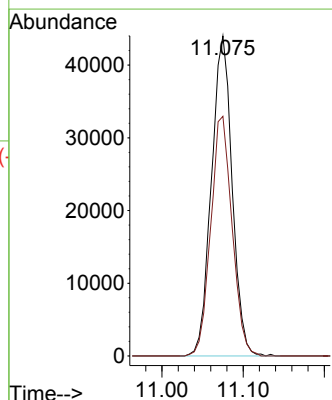
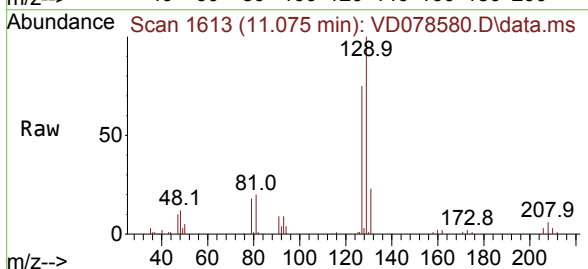
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

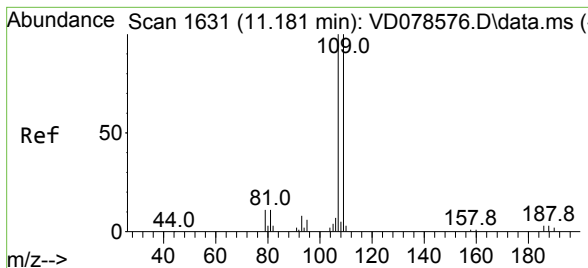
Tgt Ion: 43 Resp: 133476
Ion Ratio Lower Upper
43 100
58 64.3 34.1 102.2



#60
Dibromochloromethane
Concen: 50.742 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion: 129 Resp: 77987
Ion Ratio Lower Upper
129 100
127 77.0 37.1 111.5

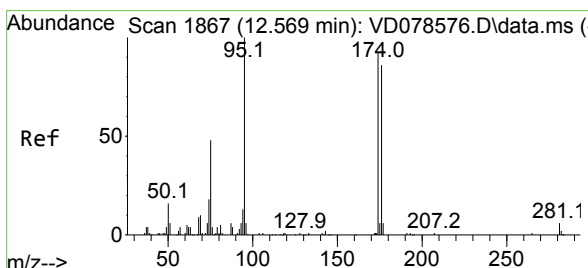
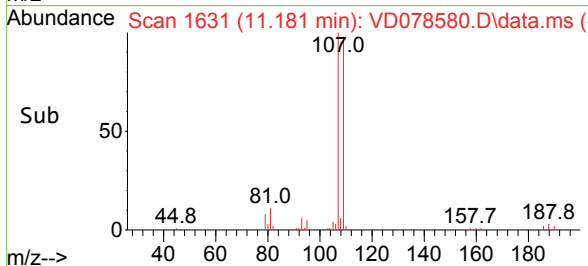
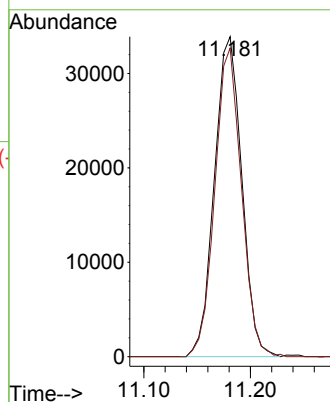
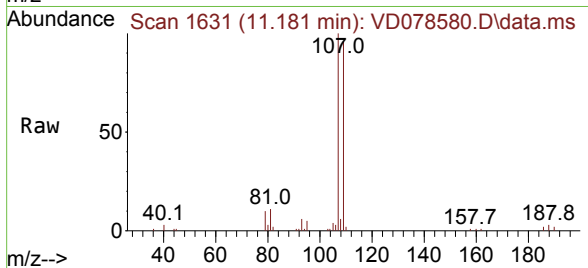




#61
1,2-Dibromoethane
Concen: 51.720 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

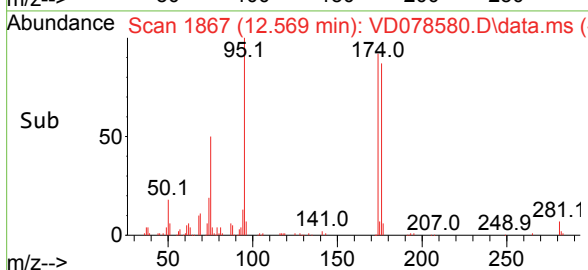
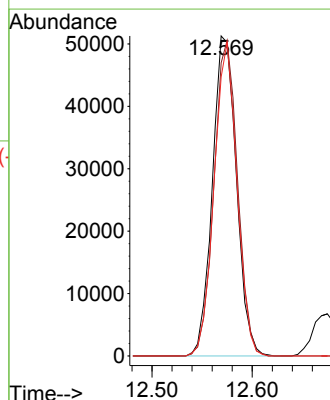
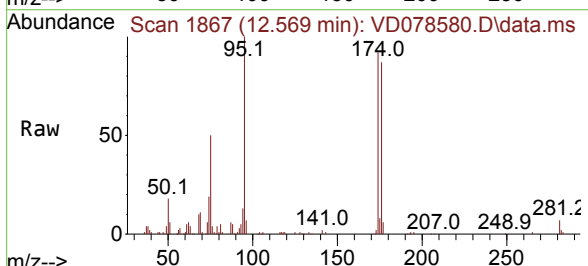
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

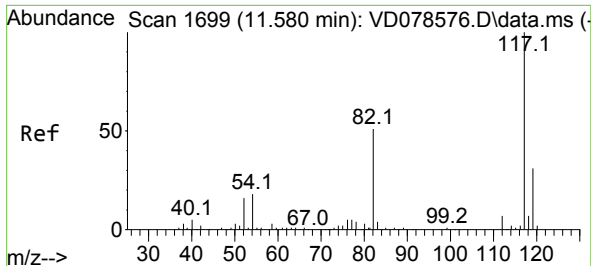
Tgt Ion:107 Resp: 60418
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.208 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion: 95 Resp: 85150
Ion Ratio Lower Upper
95 100
174 96.8 0.0 201.8
176 93.6 0.0 191.8

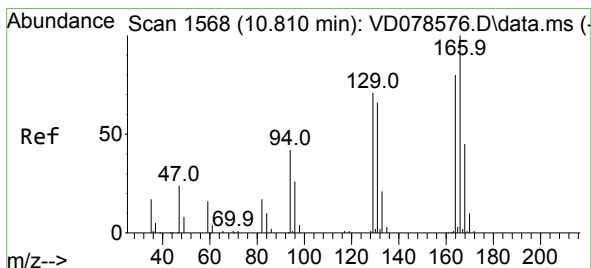
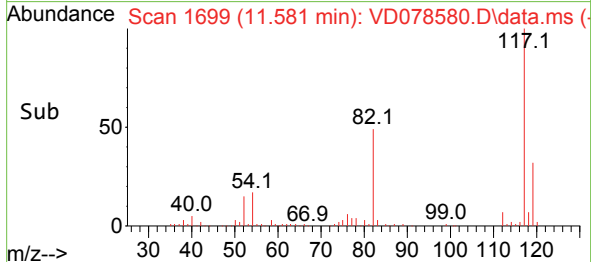
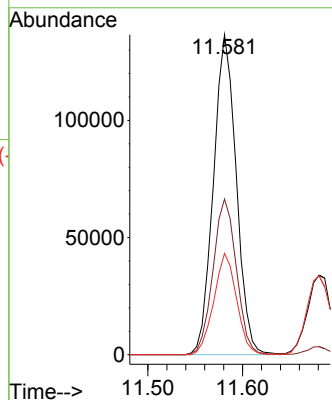
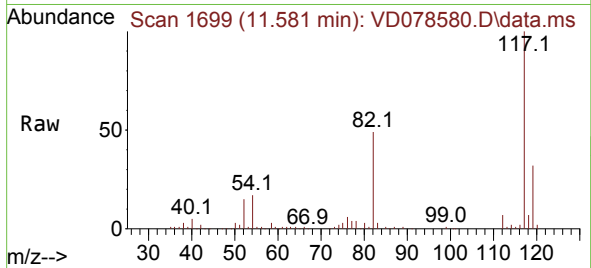




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

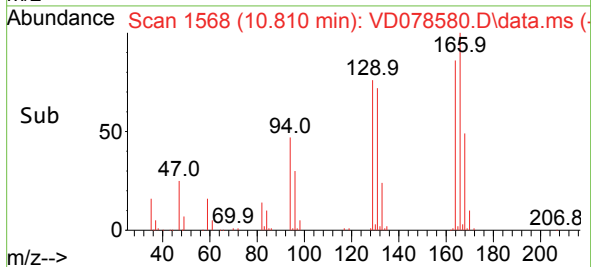
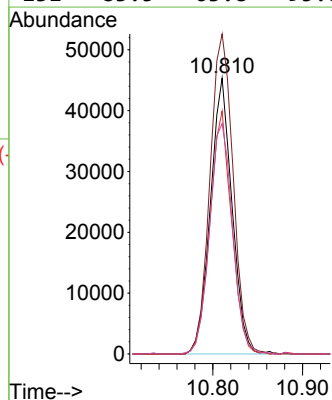
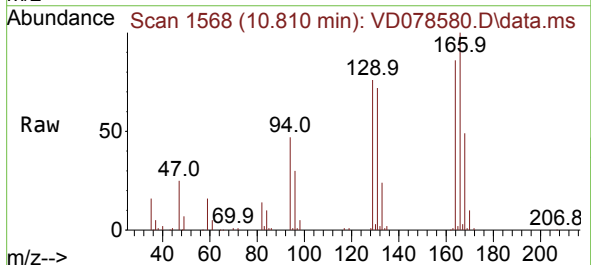
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

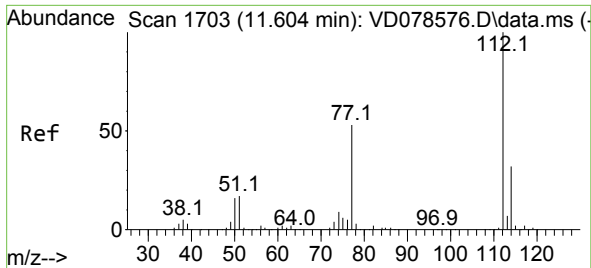
Tgt Ion:117 Resp: 228961
Ion Ratio Lower Upper
117 100
82 48.7 38.3 57.5
119 31.6 25.0 37.4



#64
Tetrachloroethene
Concen: 52.826 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion:164 Resp: 76102
Ion Ratio Lower Upper
164 100
166 116.0 99.2 148.8
129 88.0 68.4 102.6
131 83.5 63.8 95.8

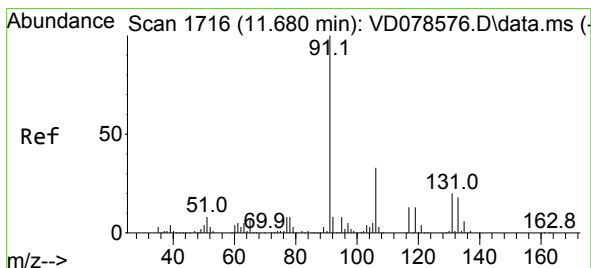
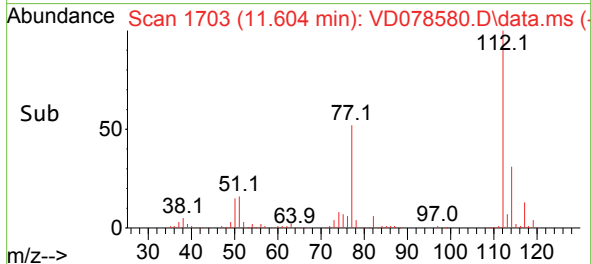
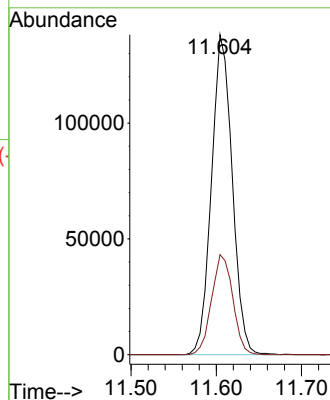
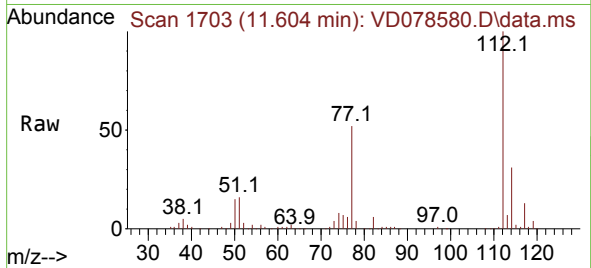




#65
Chlorobenzene
Concen: 52.009 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

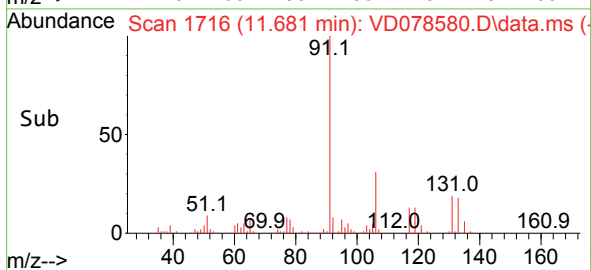
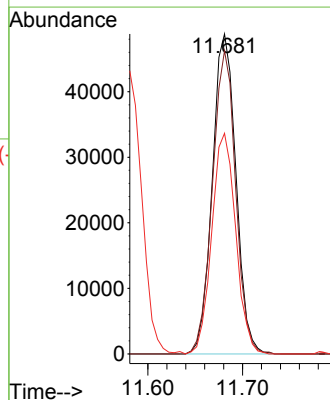
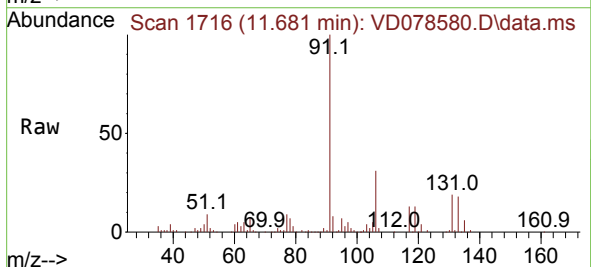
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

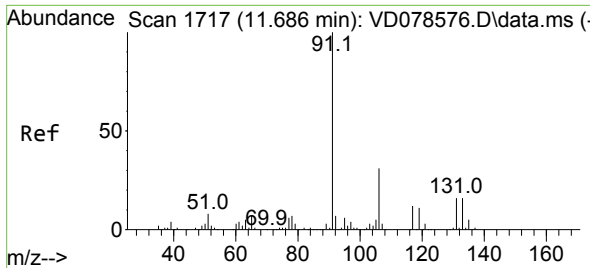
Tgt Ion:112 Resp: 234498
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.335 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion:131 Resp: 84490
Ion Ratio Lower Upper
131 100
133 93.8 48.5 145.5
119 70.0 35.6 106.9

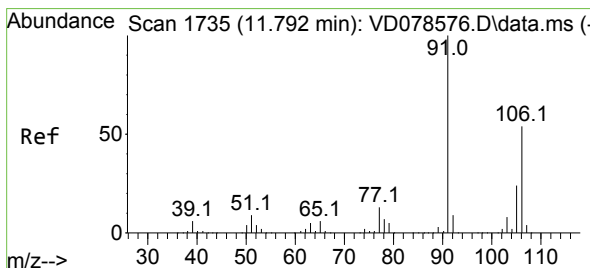
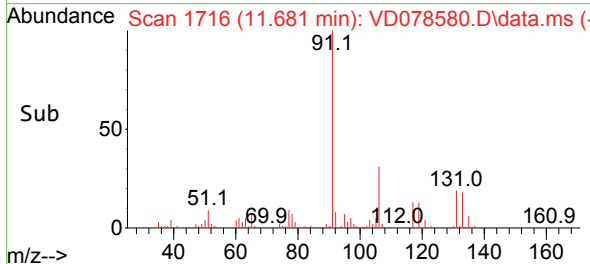
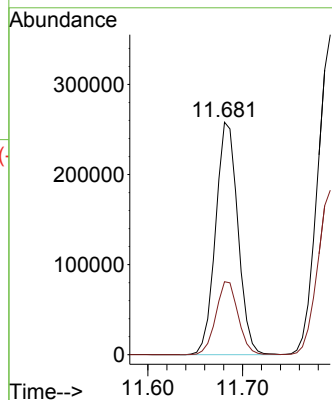
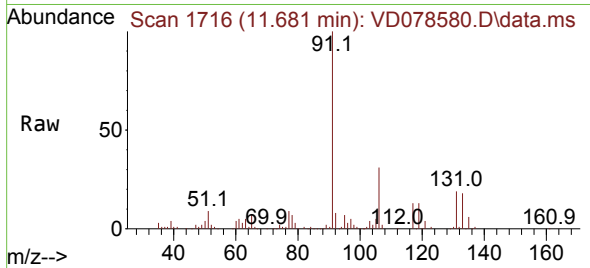




#67
Ethyl Benzene
Concen: 54.018 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

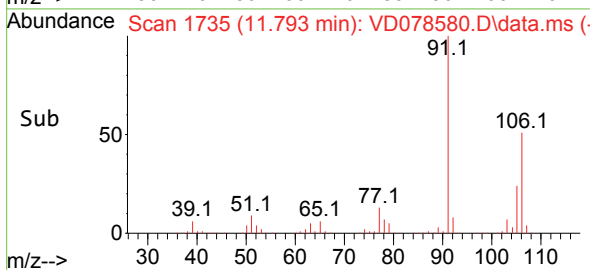
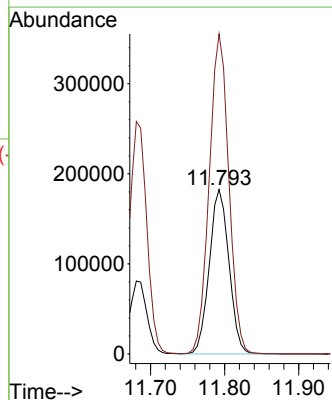
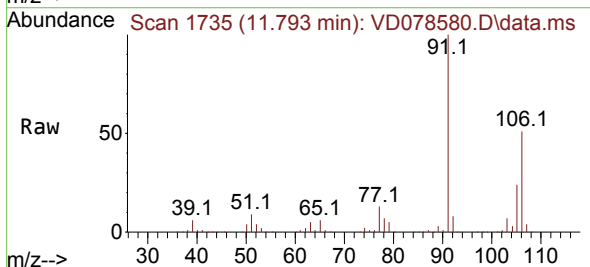
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

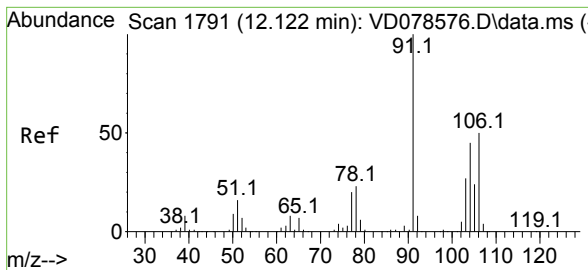
Tgt Ion: 91 Resp: 422010
Ion Ratio Lower Upper
91 100
106 31.4 26.5 39.7



#68
m/p-Xylenes
Concen: 106.265 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion:106 Resp: 335861
Ion Ratio Lower Upper
106 100
91 193.7 147.0 220.6

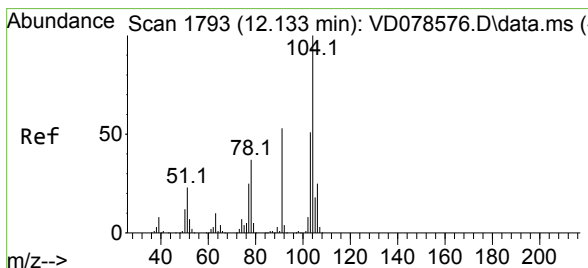
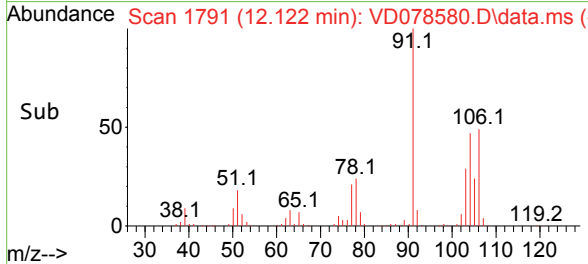
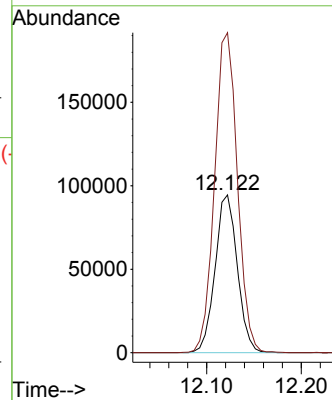
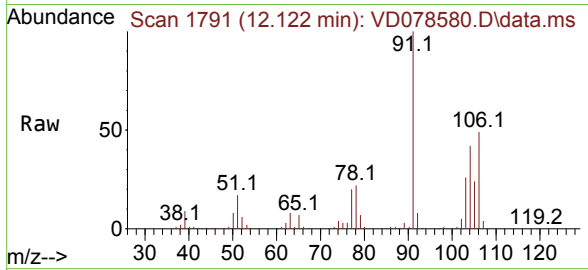




#69
o-Xylene
Concen: 53.702 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

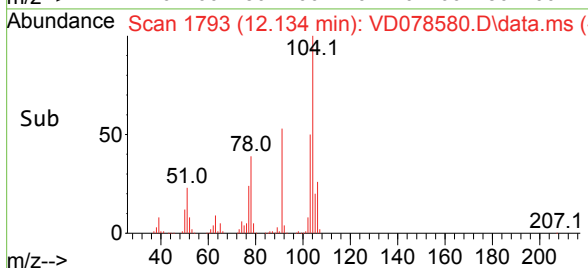
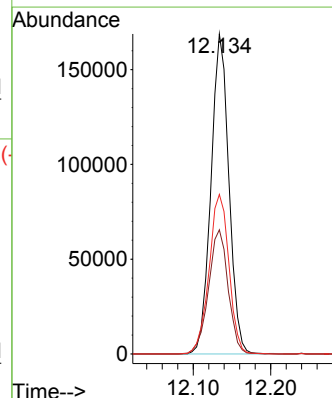
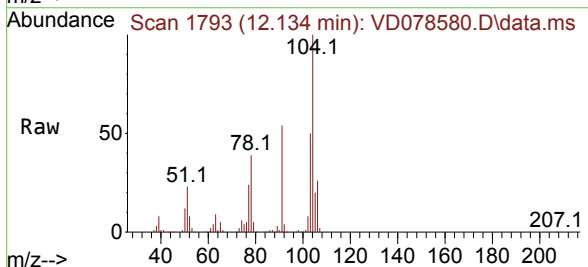
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

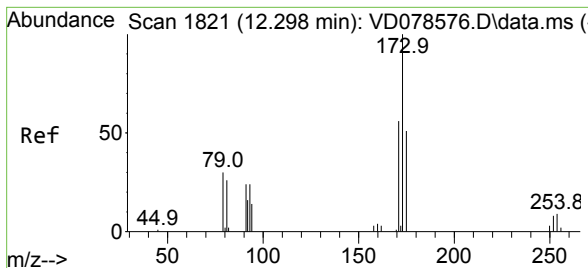
Tgt Ion:106 Resp: 153975
Ion Ratio Lower Upper
106 100
91 207.9 97.9 293.6



#70
Styrene
Concen: 54.581 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion:104 Resp: 271263
Ion Ratio Lower Upper
104 100
78 42.5 33.2 49.8
103 55.2 43.6 65.4





#71

Bromoform

Concen: 50.102 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

ICVVD030124

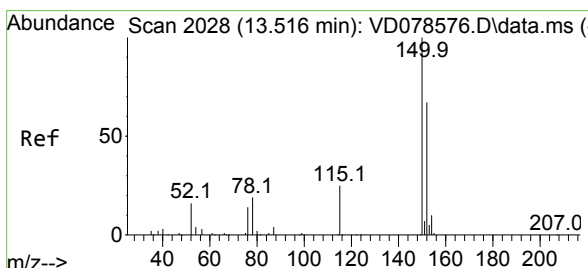
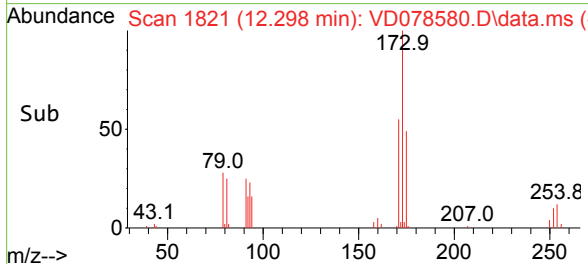
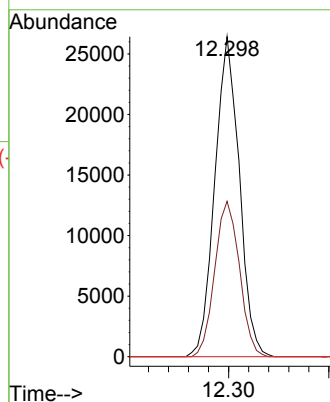
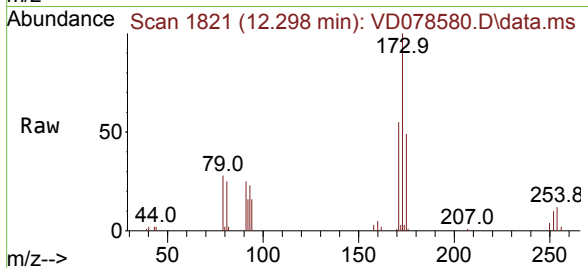
Tgt Ion:173 Resp: 44740

Ion Ratio Lower Upper

173 100

175 49.0 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: VD078580.D

Acq: 01 Mar 2024 15:48

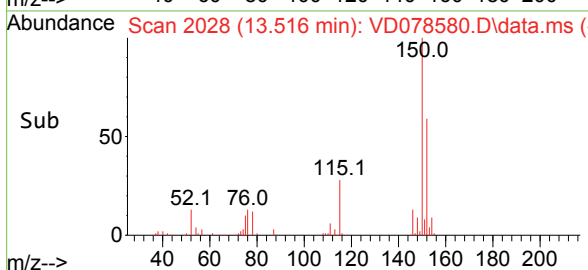
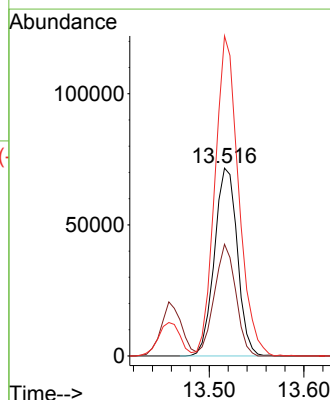
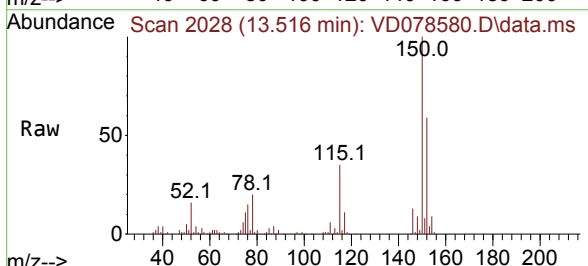
Tgt Ion:152 Resp: 120459

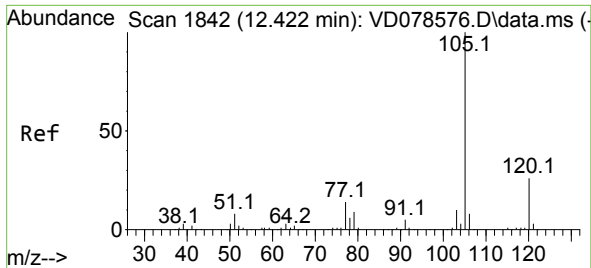
Ion Ratio Lower Upper

152 100

115 55.5 27.1 81.3

150 176.1 0.0 353.6

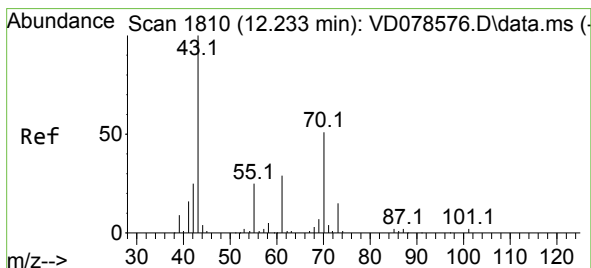
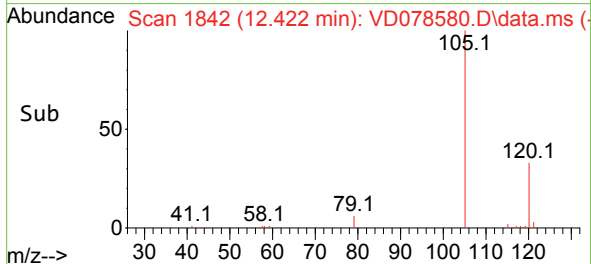
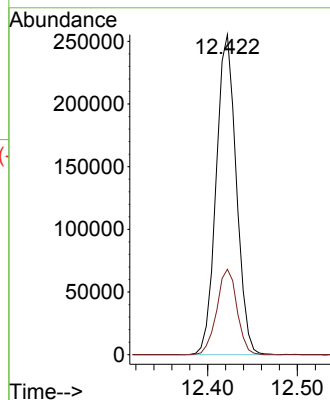
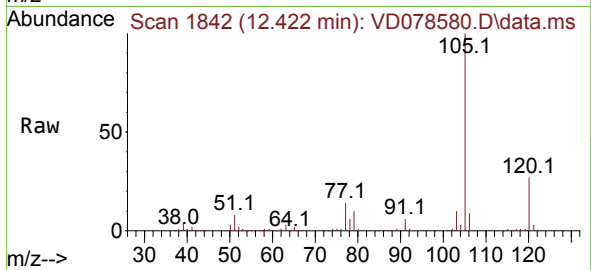




#73
Isopropylbenzene
Concen: 51.979 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

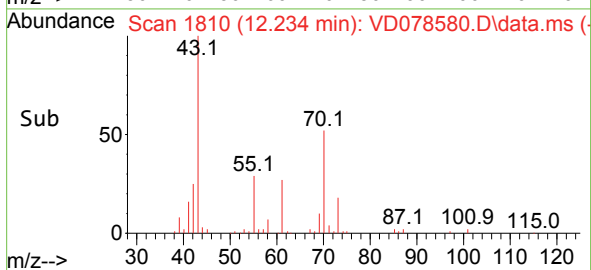
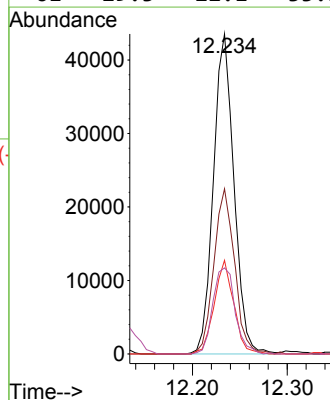
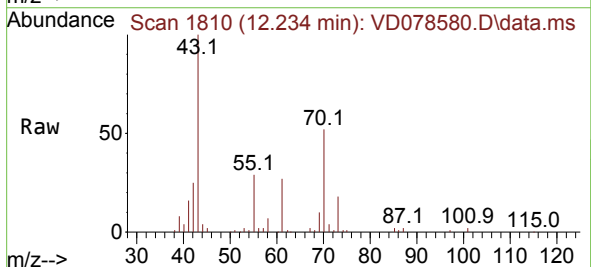
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

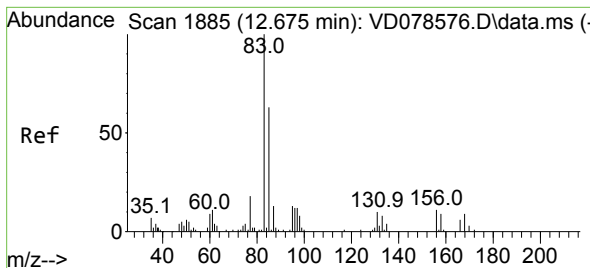
Tgt Ion:105 Resp: 396904
Ion Ratio Lower Upper
105 100
120 26.8 14.3 42.9



#74
N-ethyl acetate
Concen: 51.078 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion: 43 Resp: 65647
Ion Ratio Lower Upper
43 100
70 52.1 45.0 67.4
55 27.9 23.8 35.6
61 29.3 22.1 33.1

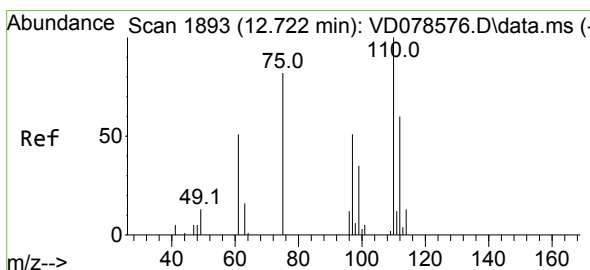
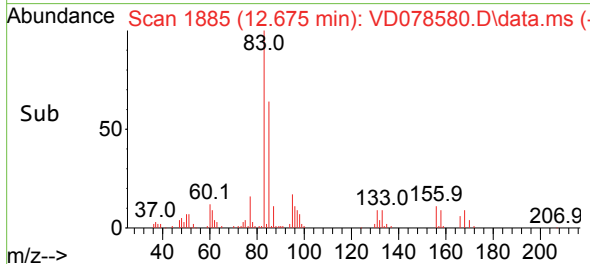
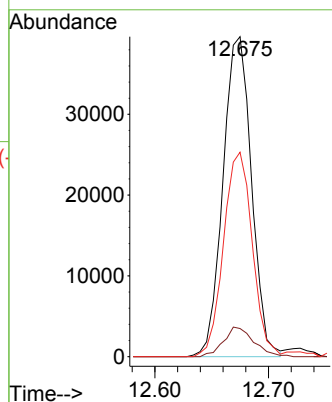
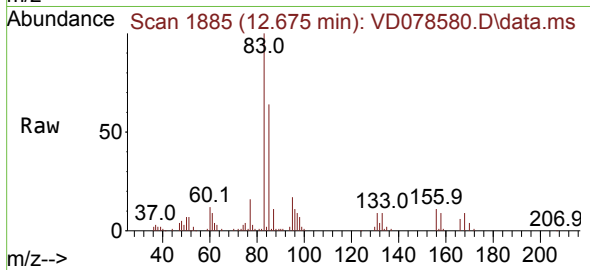




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.243 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD078580.D
 Acq: 01 Mar 2024 15:48

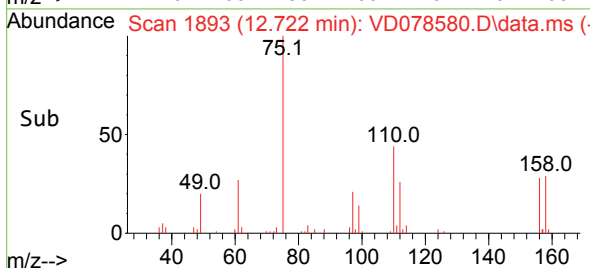
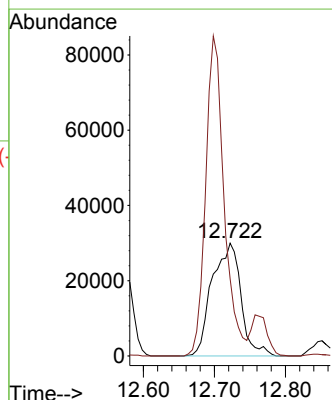
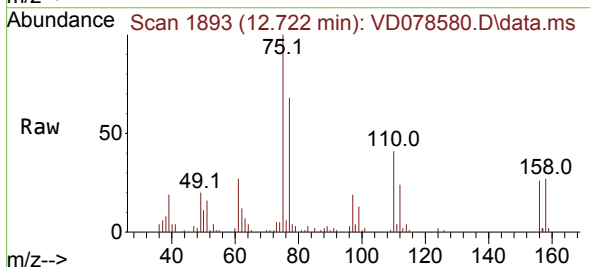
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD030124

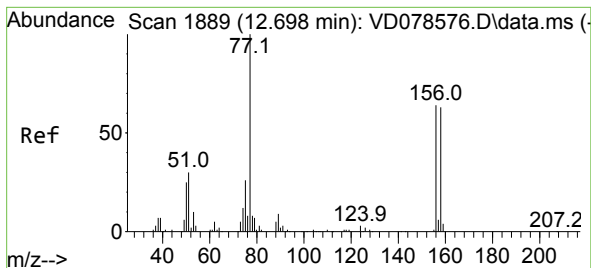
Tgt Ion: 83 Resp: 69108
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.1 15.3
 85 65.0 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 91.819 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD078580.D
 Acq: 01 Mar 2024 15:48

Tgt Ion: 75 Resp: 84473
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.425 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

ICVVD030124

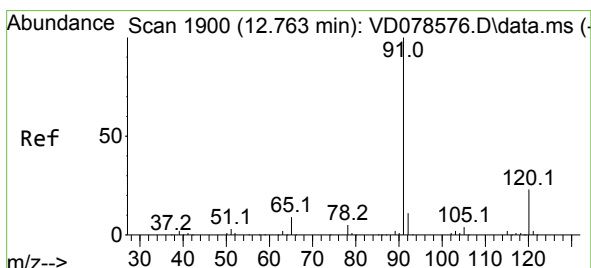
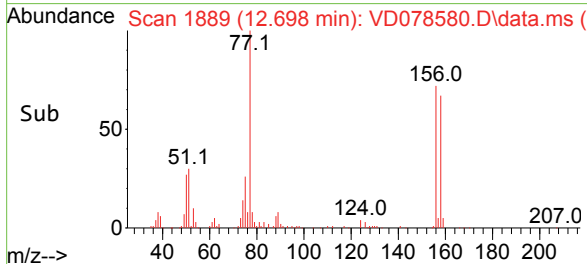
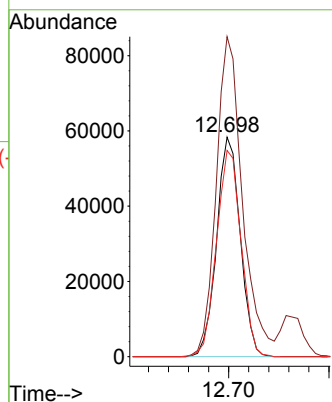
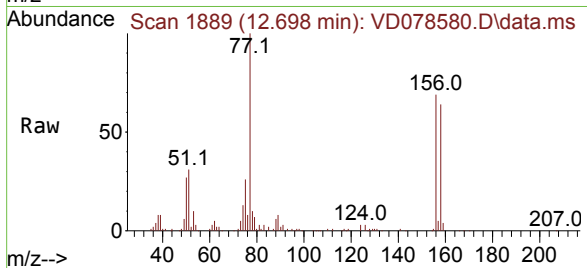
Tgt Ion:156 Resp: 94967

Ion Ratio Lower Upper

156 100

77 162.5 76.8 230.4

158 98.0 48.6 145.9



#78

n-propylbenzene

Concen: 53.372 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078580.D

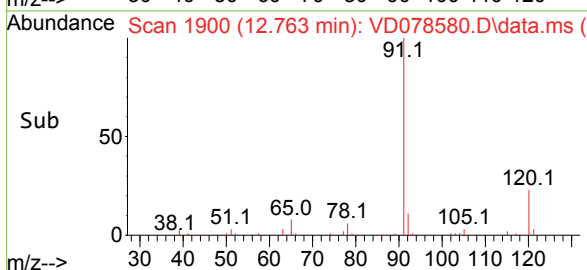
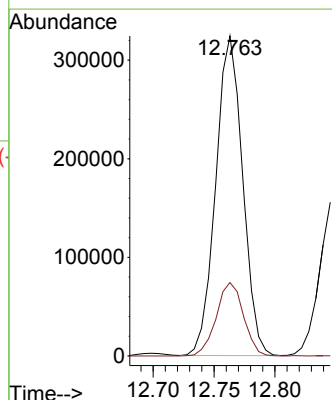
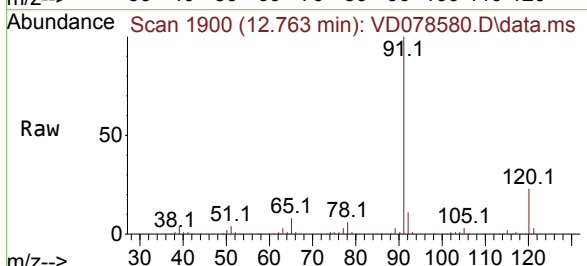
Acq: 01 Mar 2024 15:48

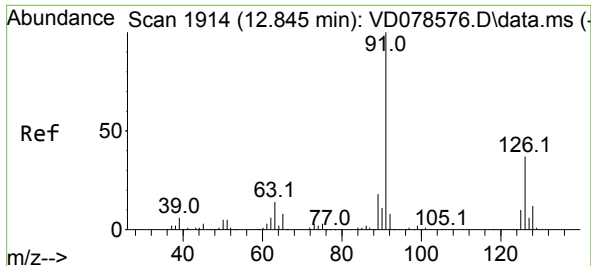
Tgt Ion: 91 Resp: 498507

Ion Ratio Lower Upper

91 100

120 23.2 12.4 37.2

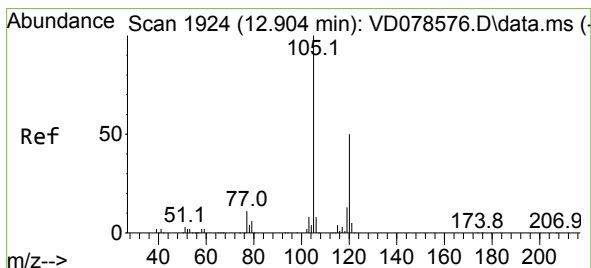
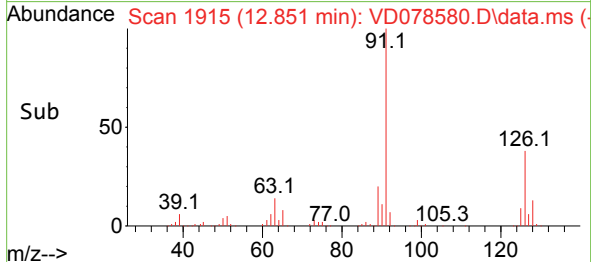
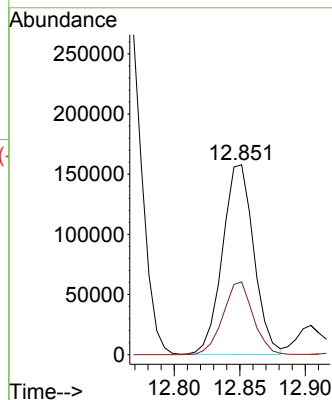
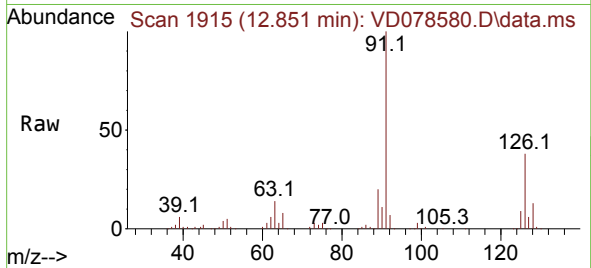




#79
2-Chlorotoluene
Concen: 52.308 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

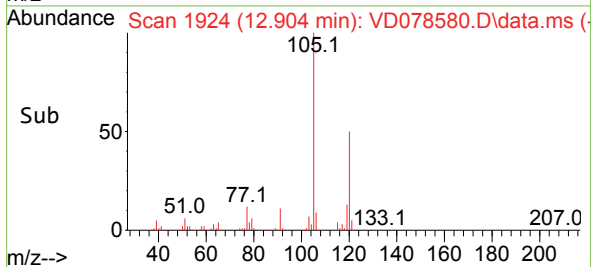
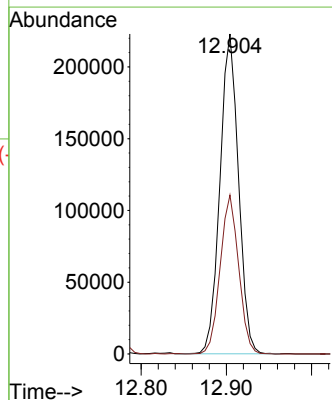
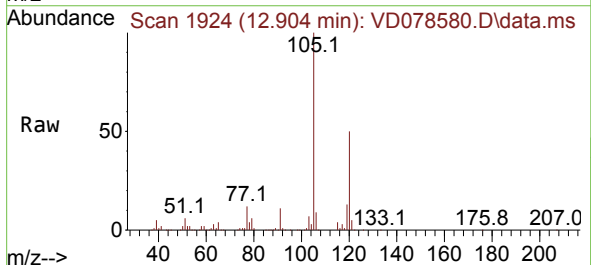
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

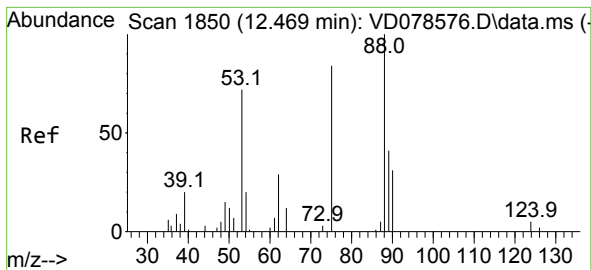
Tgt Ion: 91 Resp: 262170
Ion Ratio Lower Upper
91 100
126 37.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 54.208 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion: 105 Resp: 336824
Ion Ratio Lower Upper
105 100
120 49.6 26.4 79.2

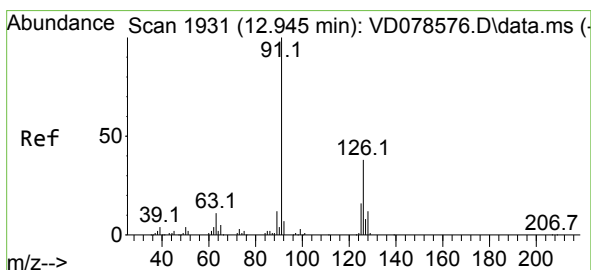
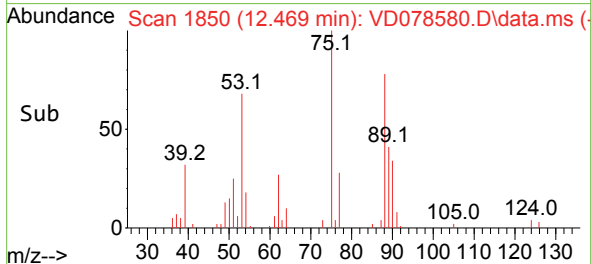
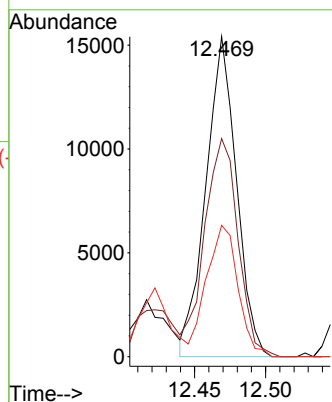
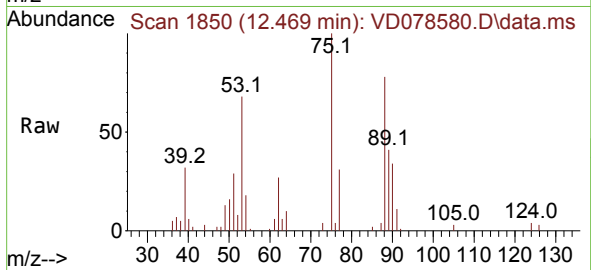




#81
trans-1,4-Dichloro-2-butene
Concen: 53.602 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

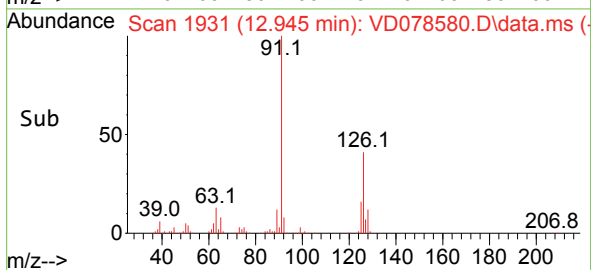
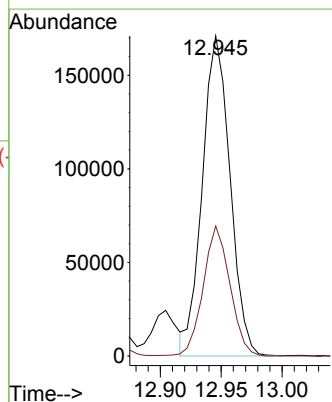
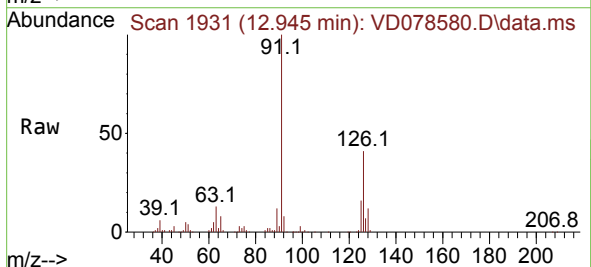
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

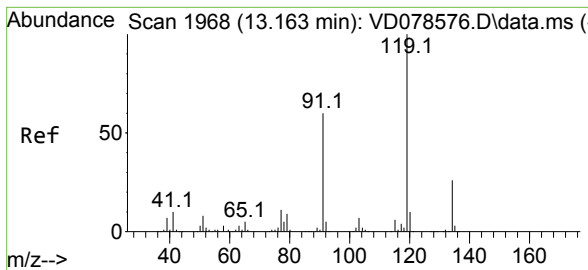
Tgt Ion: 75 Resp: 23039
Ion Ratio Lower Upper
75 100
53 74.9 63.0 94.4
89 42.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 50.677 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion: 91 Resp: 270693
Ion Ratio Lower Upper
91 100
126 39.1 19.4 58.4

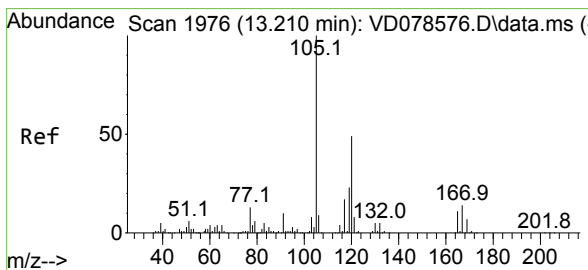
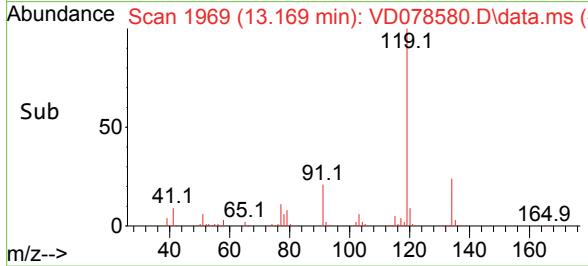
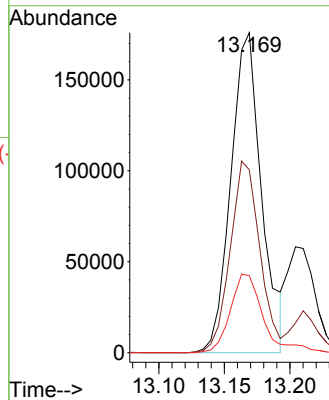
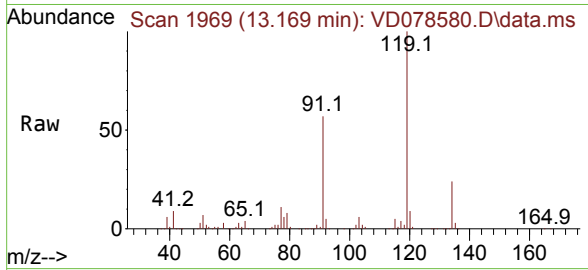




#83
tert-Butylbenzene
Concen: 53.517 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

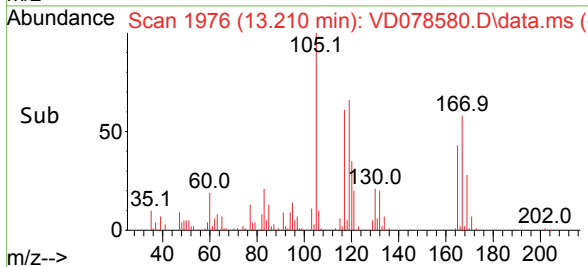
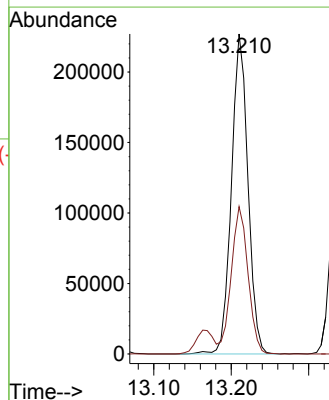
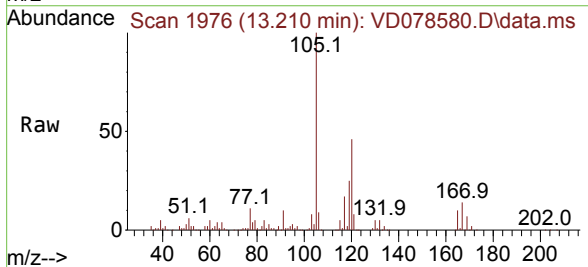
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

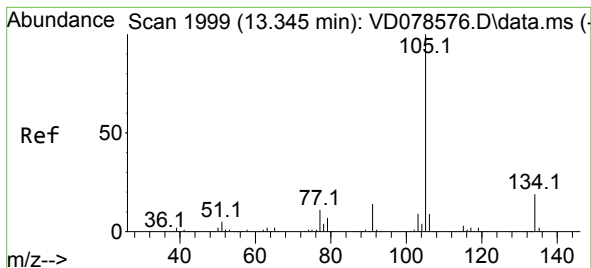
Tgt Ion:119 Resp: 286326
Ion Ratio Lower Upper
119 100
91 58.0 29.3 87.8
134 26.4 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 52.770 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion:105 Resp: 335137
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.9





#85

sec-Butylbenzene

Concen: 52.364 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

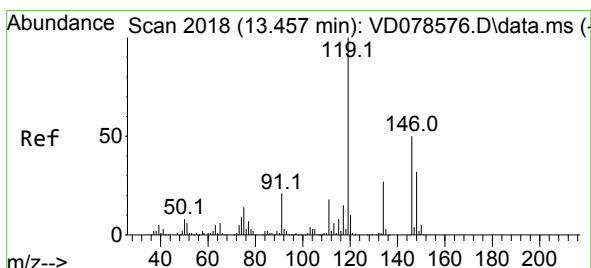
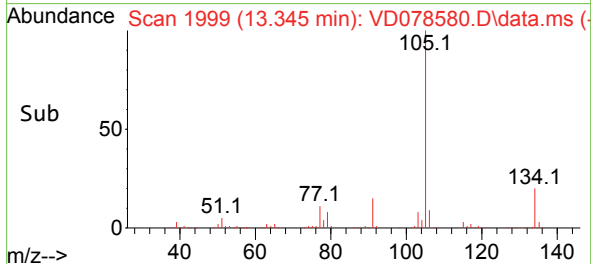
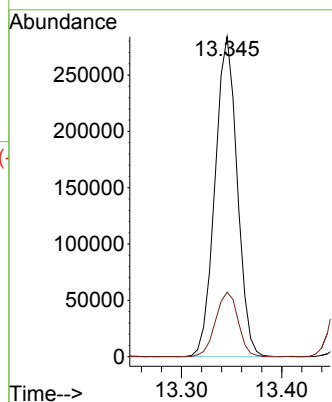
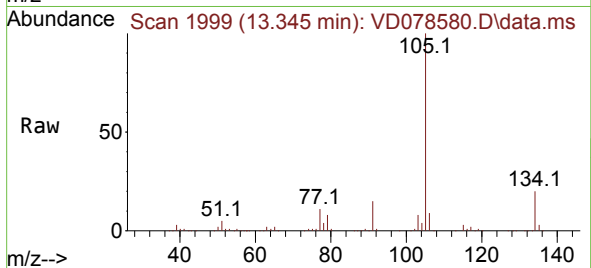
ICVVD030124

Tgt Ion:105 Resp: 437064

Ion Ratio Lower Upper

105 100

134 20.4 10.9 32.9



#86

p-Isopropyltoluene

Concen: 53.859 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

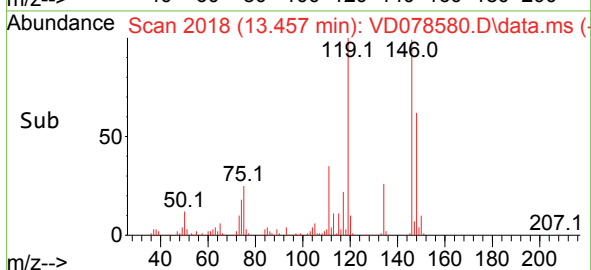
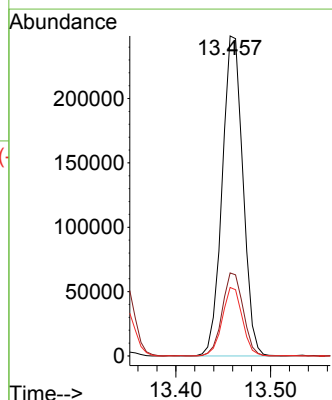
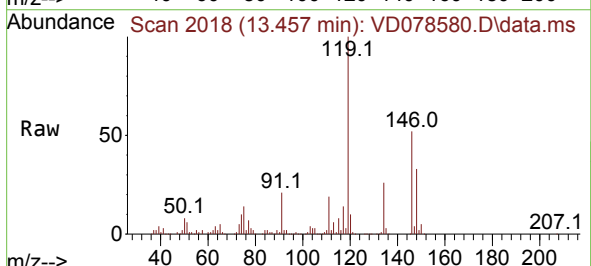
Tgt Ion:119 Resp: 378431

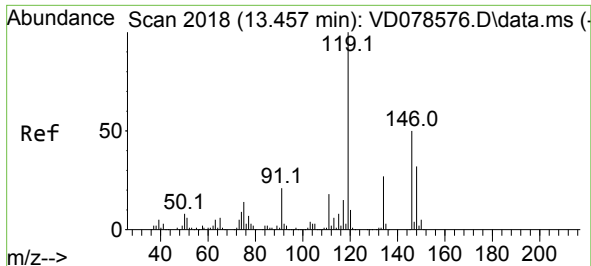
Ion Ratio Lower Upper

119 100

134 26.2 14.2 42.6

91 20.8 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 51.942 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

ICVVD030124

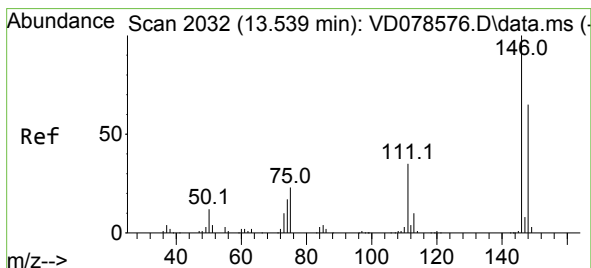
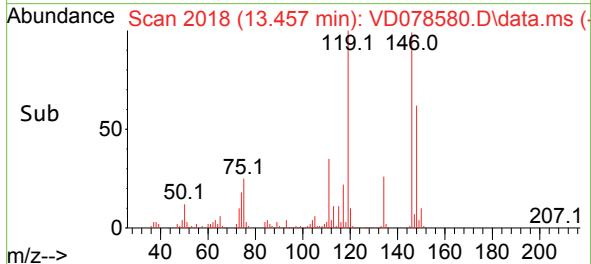
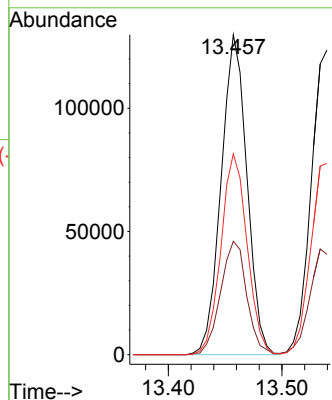
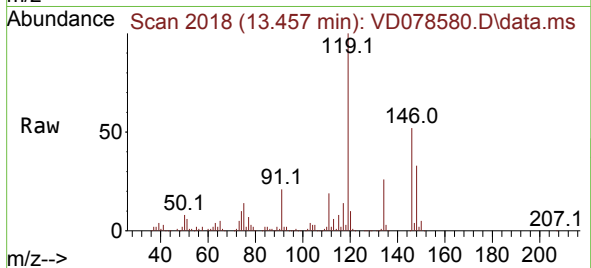
Tgt Ion:146 Resp: 204955

Ion Ratio Lower Upper

146 100

111 36.0 17.9 53.8

148 63.6 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 50.100 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

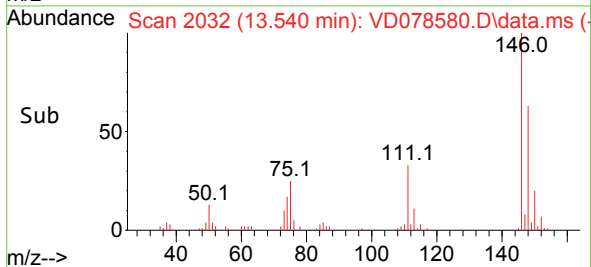
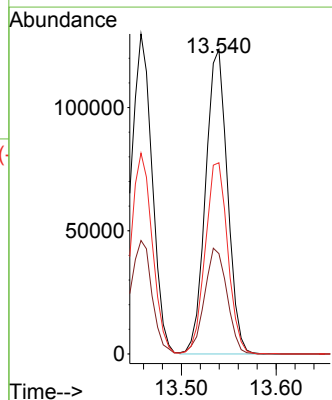
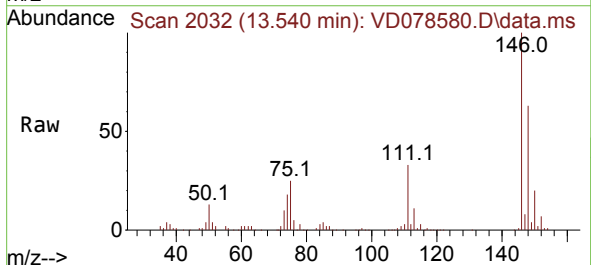
Tgt Ion:146 Resp: 198060

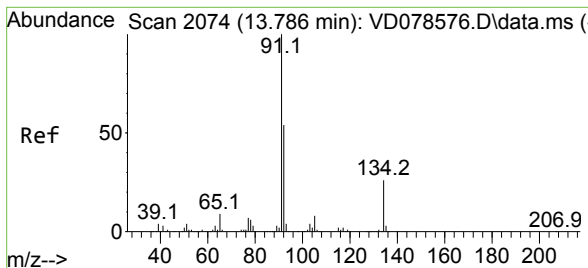
Ion Ratio Lower Upper

146 100

111 36.0 17.4 52.3

148 64.7 31.7 95.1





#89

n-Butylbenzene

Concen: 52.286 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

ICVVD030124

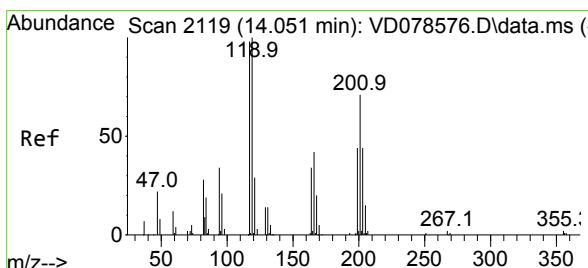
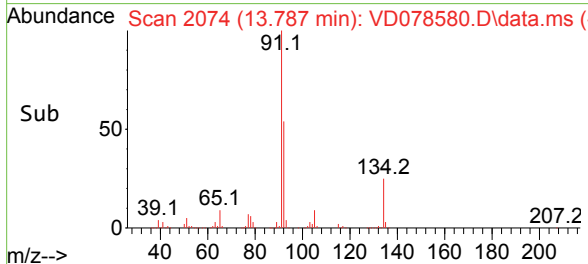
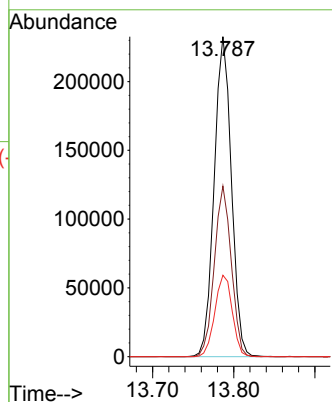
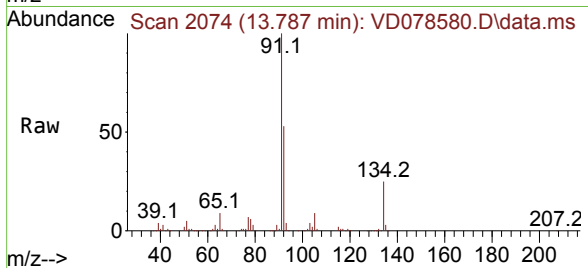
Tgt Ion: 91 Resp: 343321

Ion Ratio Lower Upper

91 100

92 52.4 26.5 79.5

134 25.8 13.8 41.3



#90

Hexachloroethane

Concen: 50.722 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078580.D

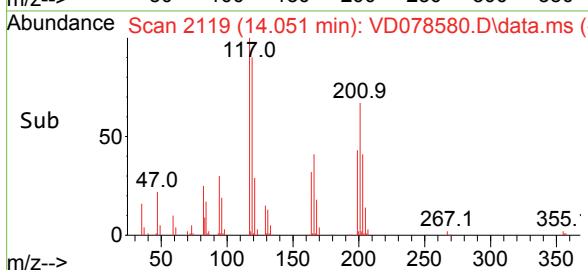
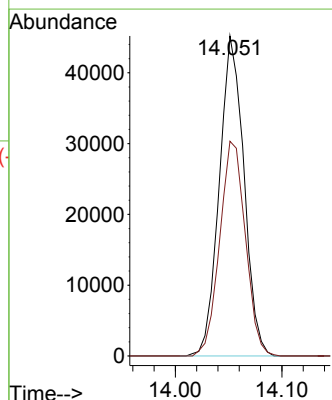
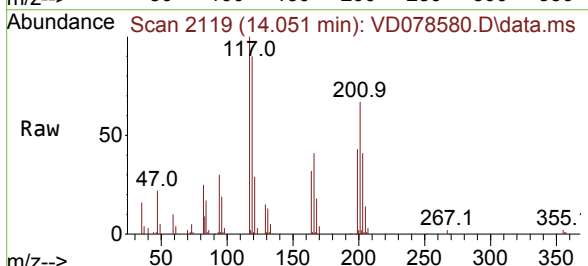
Acq: 01 Mar 2024 15:48

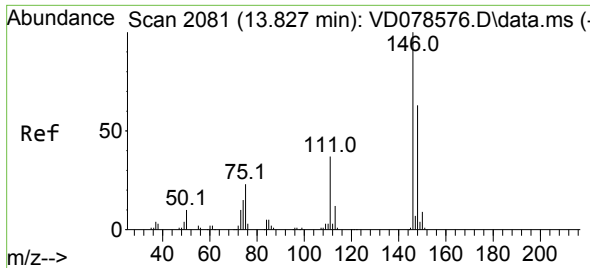
Tgt Ion: 117 Resp: 72465

Ion Ratio Lower Upper

117 100

201 70.1 38.5 115.5

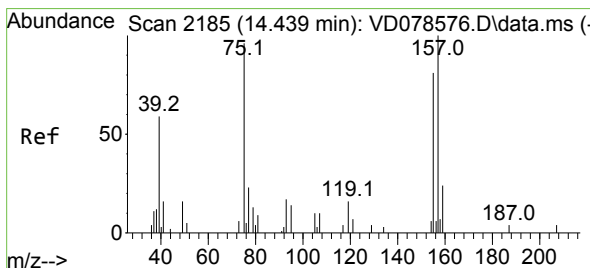
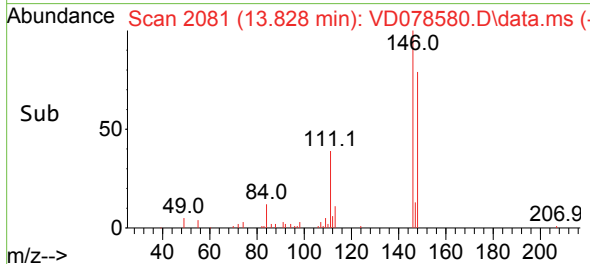
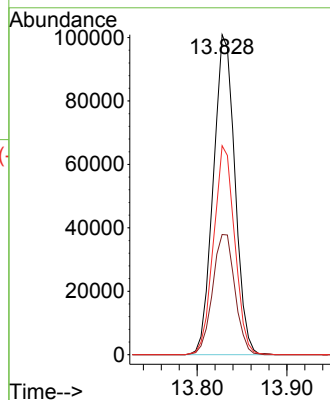
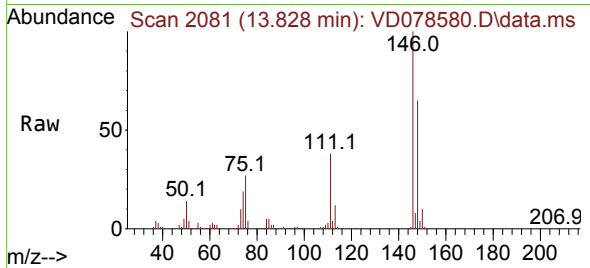




#91
1,2-Dichlorobenzene
Concen: 50.259 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

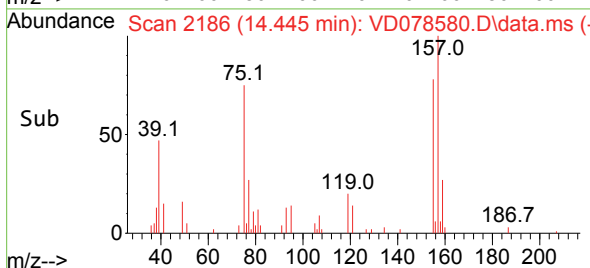
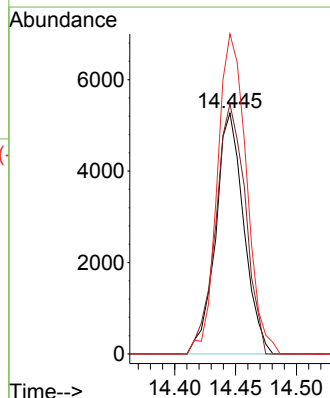
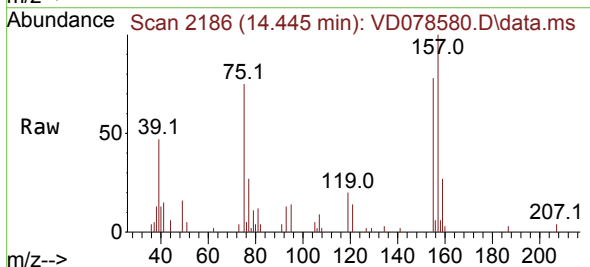
Instrument :
MSVOA_D
ClientSampleId :
ICVVD030124

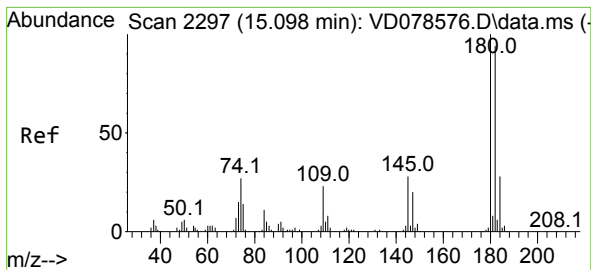
Tgt Ion:146 Resp: 168455
Ion Ratio Lower Upper
146 100
111 38.9 18.3 54.8
148 64.1 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.445 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD078580.D
Acq: 01 Mar 2024 15:48

Tgt Ion: 75 Resp: 8471
Ion Ratio Lower Upper
75 100
155 109.6 47.9 143.8
157 137.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 51.239 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

ICVVD030124

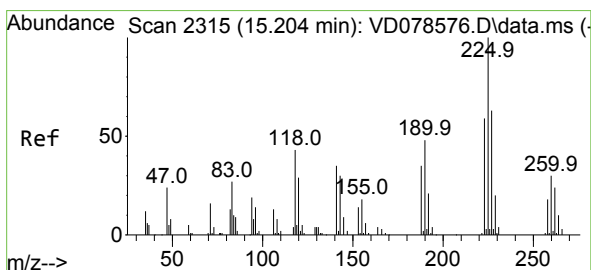
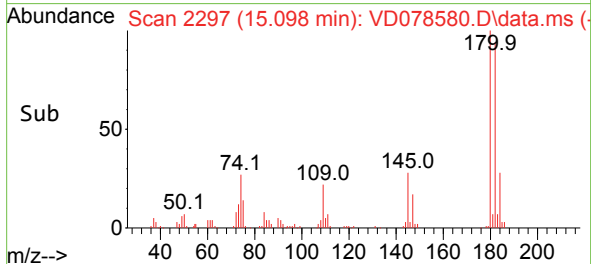
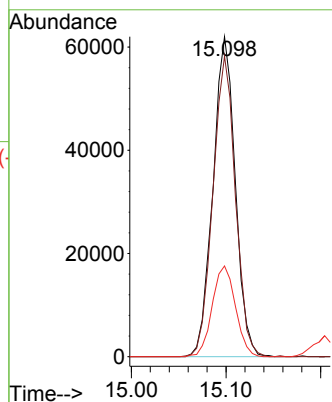
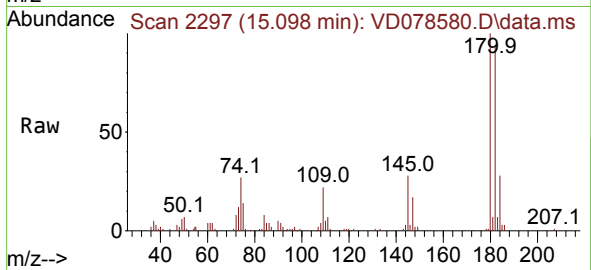
Tgt Ion:180 Resp: 101697

Ion Ratio Lower Upper

180 100

182 94.6 48.5 145.6

145 29.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 49.331 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

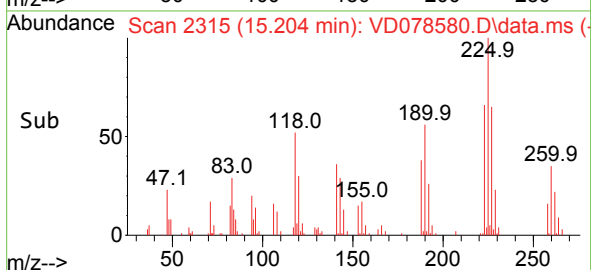
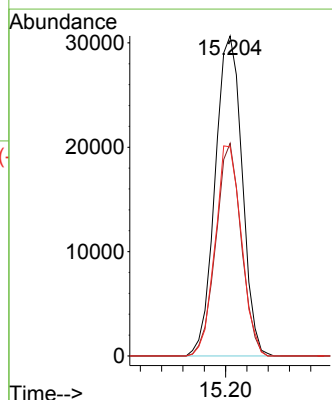
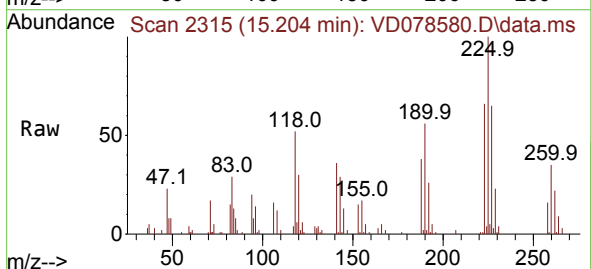
Tgt Ion:225 Resp: 53872

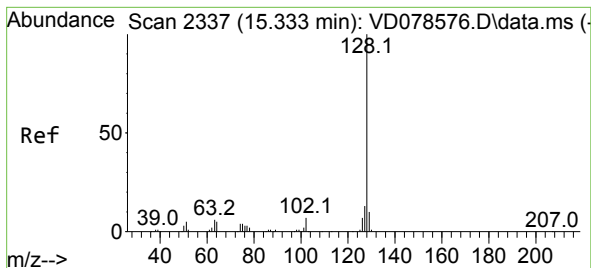
Ion Ratio Lower Upper

225 100

223 62.6 31.6 94.8

227 63.9 31.7 95.1





#95

Naphthalene

Concen: 51.939 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

ICVVD030124

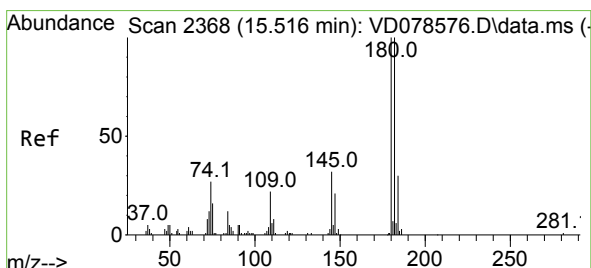
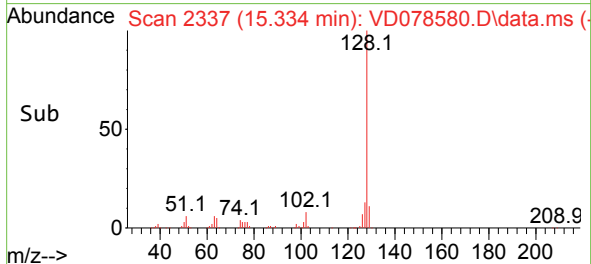
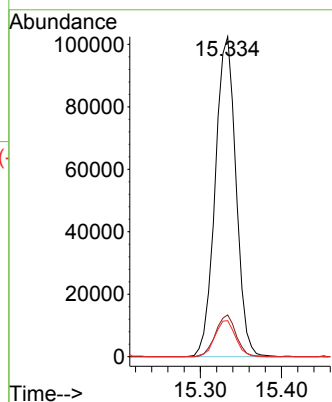
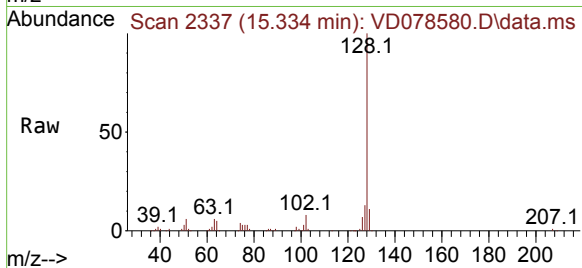
Tgt Ion:128 Resp: 182159

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 50.422 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. 0.000 min

Lab File: VD078580.D

Acq: 01 Mar 2024 15:48

Tgt Ion:180 Resp: 88877

Ion Ratio Lower Upper

180 100

182 92.9 47.3 141.9

145 29.7 15.1 45.3

