

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032024\
 Data File : VD078717.D
 Acq On : 20 Mar 2024 13:59
 Operator : RP/MD
 Sample : MDL05
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 21 05:03:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 21 05:02:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	94117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	174622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	161983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	72336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	51882	58.821	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.640%
35) Dibromofluoromethane	7.804	113	60058	53.418	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.840%
50) Toluene-d8	10.269	98	210524	50.915	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.820%
62) 4-Bromofluorobenzene	12.575	95	56838	46.986	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	2097	2.394	ug/l	99
3) Chloromethane	2.152	50	2924	2.114	ug/l #	80
4) Vinyl Chloride	2.287	62	4101	2.010	ug/l	96
5) Bromomethane	2.699	94	4501	2.304	ug/l	99
6) Chloroethane	2.840	64	3765	2.366	ug/l	90
7) Trichlorofluoromethane	3.175	101	4087	2.532	ug/l	88
8) Diethyl Ether	3.587	74	831	1.763	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.952	101	1363	1.346	ug/l #	43
10) Methyl Iodide	4.175	142	2044	1.706	ug/l #	61
11) Tert butyl alcohol	5.052	59	297	7.524	ug/l #	75
12) 1,1-Dichloroethene	3.940	96	2017	2.095	ug/l #	83
13) Acrolein	3.805	56	1365	22.075	ug/l	83
14) Allyl chloride	4.575	41	2331	2.169	ug/l #	76
15) Acrylonitrile	5.258	53	2588	13.623	ug/l #	82
16) Acetone	4.016	43	3031	17.771	ug/l #	80
17) Carbon Disulfide	4.269	76	4212	1.334	ug/l #	75
18) Methyl Acetate	4.569	43	1620	4.426	ug/l #	56
19) Methyl tert-butyl Ether	5.310	73	2032	1.046	ug/l #	78
20) Methylene Chloride	4.805	84	7462	5.153	ug/l #	82
21) trans-1,2-Dichloroethene	5.328	96	2399	2.111	ug/l #	54
22) Diisopropyl ether	6.216	45	5603	2.294	ug/l #	86
23) Vinyl Acetate	6.157	43	10317	7.220	ug/l #	90
24) 1,1-Dichloroethane	6.110	63	5039	2.751	ug/l #	80
25) 2-Butanone	7.081	43	3551	15.660	ug/l #	71
26) 2,2-Dichloropropane	7.075	77	4249	2.742	ug/l	83
27) cis-1,2-Dichloroethene	7.093	96	3123	2.410	ug/l	81
28) Bromochloromethane	7.434	49	1648	2.524	ug/l #	94
29) Tetrahydrofuran	7.446	42	1302	10.556	ug/l	92
30) Chloroform	7.599	83	5499	2.693	ug/l	97
31) Cyclohexane	7.881	56	4591	3.097	ug/l #	90
32) 1,1,1-Trichloroethane	7.793	97	4100	2.366	ug/l	93
36) 1,1-Dichloropropene	8.010	75	3182	1.951	ug/l	94
37) Ethyl Acetate	7.181	43	884	1.659	ug/l #	63
38) Carbon Tetrachloride	7.999	117	3831	2.228	ug/l #	83
39) Methylcyclohexane	9.269	83	3173	1.677	ug/l	95
40) Benzene	8.246	78	10884	2.207	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Thu Mar 21 05:02:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.422	41	655	2.345	ug/l #	58
42) 1,2-Dichloroethane	8.328	62	3208	2.668	ug/l	83
43) Isopropyl Acetate	8.369	43	2019	2.083	ug/l #	79
44) Trichloroethene	9.034	130	2783	2.080	ug/l	55
45) 1,2-Dichloropropane	9.310	63	2743	2.345	ug/l #	82
46) Dibromomethane	9.393	93	1457	2.078	ug/l	92
47) Bromodichloromethane	9.587	83	4389	2.629	ug/l #	79
48) Methyl methacrylate	9.375	41	1248	2.643	ug/l #	69
49) 1,4-Dioxane	9.375	88	64	9.857	ug/l #	64
51) 4-Methyl-2-Pentanone	10.163	43	5608	11.068	ug/l	99
52) Toluene	10.328	92	6573	2.070	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	3570	2.339	ug/l #	81
54) cis-1,3-Dichloropropene	10.022	75	3973	2.165	ug/l #	69
55) 1,1,2-Trichloroethane	10.734	97	2340	2.492	ug/l	89
56) Ethyl methacrylate	10.598	69	1706	1.812	ug/l	94
57) 1,3-Dichloropropane	10.881	76	3735	2.465	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.869	63	4637	11.171	ug/l	97
59) 2-Hexanone	10.928	43	4100	10.916	ug/l	97
60) Dibromochloromethane	11.075	129	2744	2.370	ug/l	91
61) 1,2-Dibromoethane	11.181	107	1894	2.084	ug/l	97
64) Tetrachloroethene	10.816	164	2487	2.320	ug/l	88
65) Chlorobenzene	11.610	112	7876	2.327	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	3187	2.571	ug/l	99
67) Ethyl Benzene	11.687	91	12390	2.148	ug/l	97
68) m/p-Xylenes	11.792	106	8219	3.509	ug/l	96
69) o-Xylene	12.122	106	4058	1.873	ug/l	97
70) Styrene	12.134	104	5334	1.466	ug/l	96
71) Bromoform	12.292	173	1737	2.593	ug/l #	91
73) Isopropylbenzene	12.422	105	9935	2.086	ug/l	93
74) N-amyl acetate	12.234	43	1594	2.061	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.675	83	2672	3.031	ug/l #	94
76) 1,2,3-Trichloropropane	12.722	75	1874	3.363	ug/l #	100
77) Bromobenzene	12.710	156	3168	2.682	ug/l	91
78) n-propylbenzene	12.763	91	13128	2.265	ug/l	97
79) 2-Chlorotoluene	12.851	91	7697	2.420	ug/l	90
80) 1,3,5-Trimethylbenzene	12.910	105	8973	2.278	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.575	75	29662	111.566	ug/l #	19
82) 4-Chlorotoluene	12.945	91	7864	2.338	ug/l	99
83) tert-Butylbenzene	13.175	119	7595	2.236	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	7613	1.918	ug/l	94
85) sec-Butylbenzene	13.345	105	11125	2.165	ug/l	96
86) p-Isopropyltoluene	13.463	119	9109	2.070	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	5865	2.353	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	6593	2.684	ug/l	88
89) n-Butylbenzene	13.792	91	9057	2.279	ug/l	98
90) Hexachloroethane	14.051	117	2335	2.565	ug/l	82
91) 1,2-Dichlorobenzene	13.834	146	5057	2.356	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	204	1.730	ug/l	54
93) 1,2,4-Trichlorobenzene	15.104	180	2722	2.173	ug/l	98
94) Hexachlorobutadiene	15.210	225	1887	2.782	ug/l	97
95) Naphthalene	15.333	128	4442	2.039	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.528	180	2644	2.439	ug/l	91

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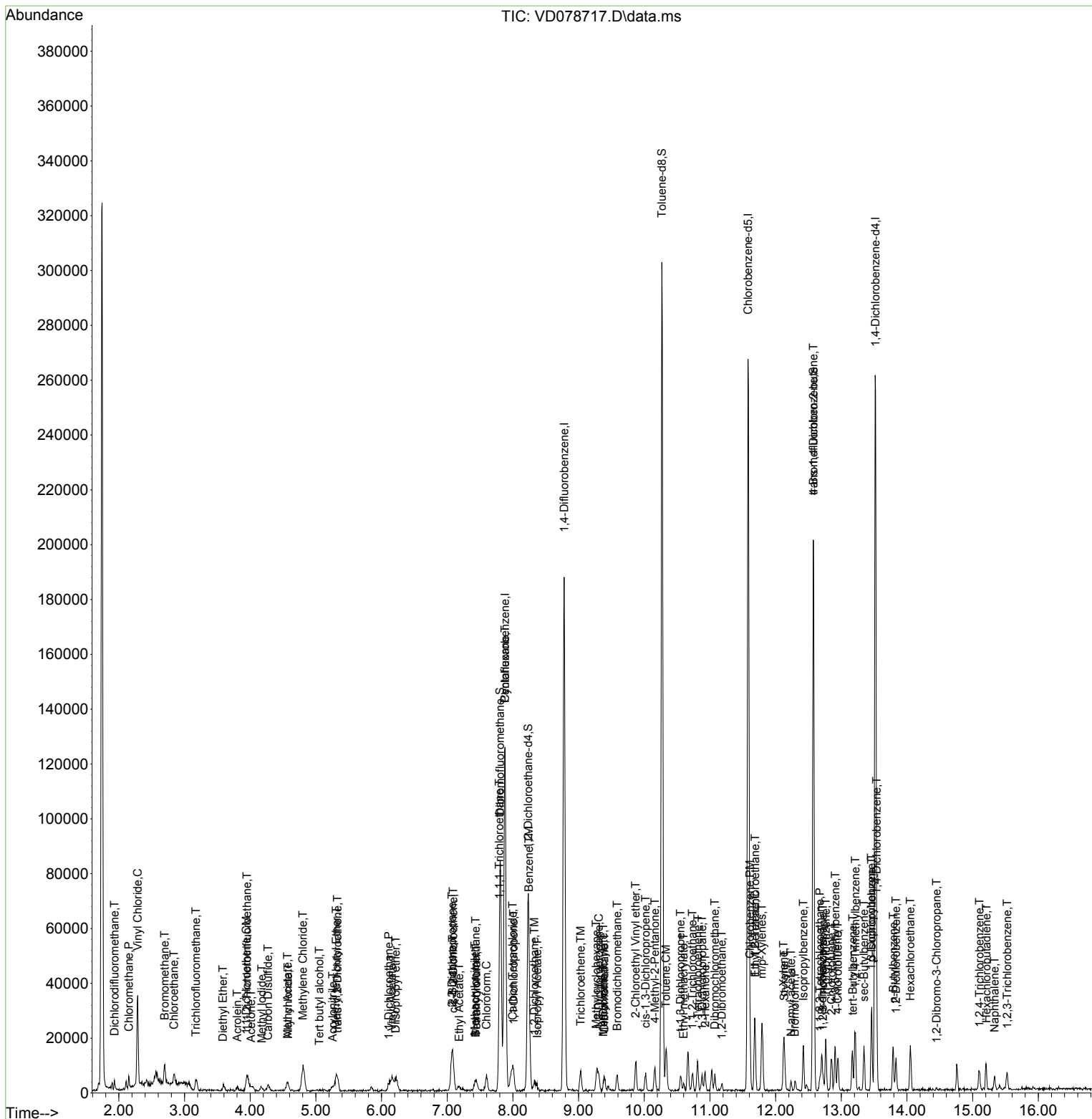
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ClientSampleId :

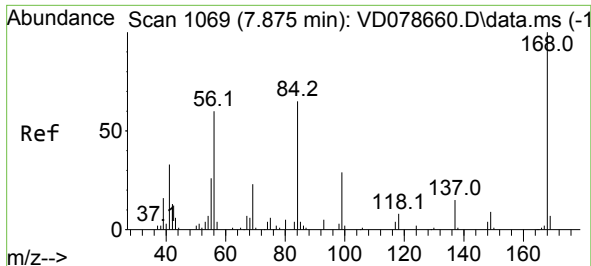
Quant Time: Mar 21 05:03:16 2024
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Quant Title : SW846 8260
QLast Update : Thu Mar 21 05:02:07 2024
Response via : Initial Calibration

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

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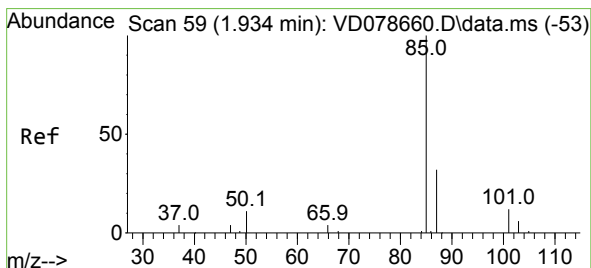
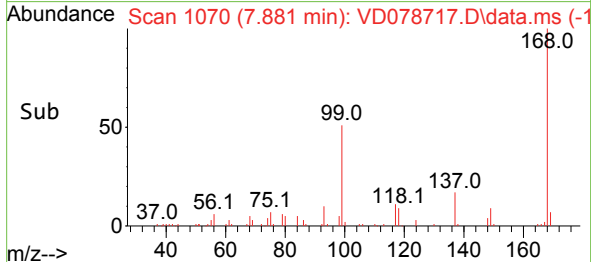
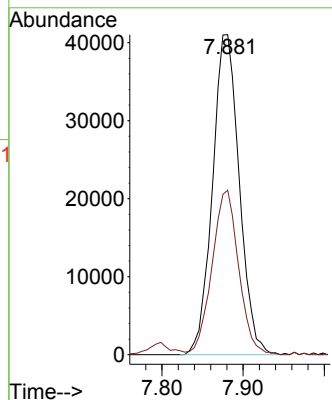
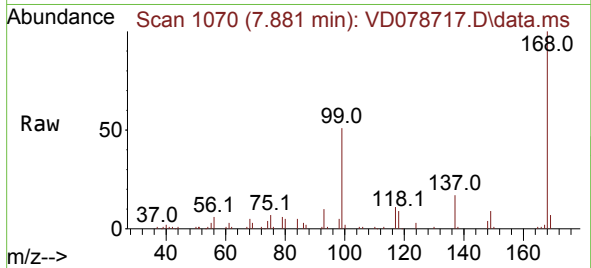




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078717.D
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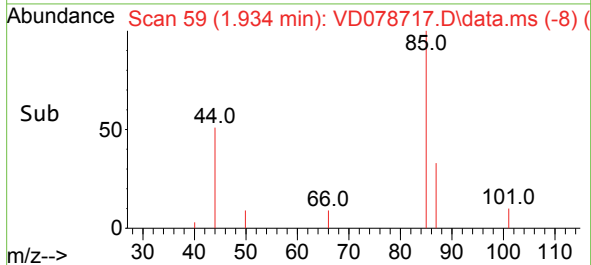
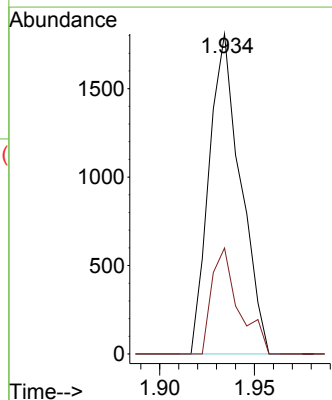
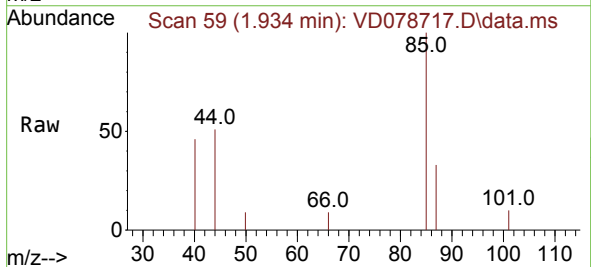
Instrument :
MSVOA_D
ClientSampleId :

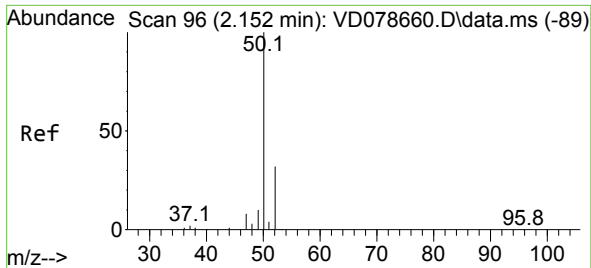
Tgt Ion:168 Resp: 94117
Ion Ratio Lower Upper
168 100
99 51.4 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 2.394 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Tgt Ion: 85 Resp: 2097
Ion Ratio Lower Upper
85 100
87 33.1 16.2 48.5

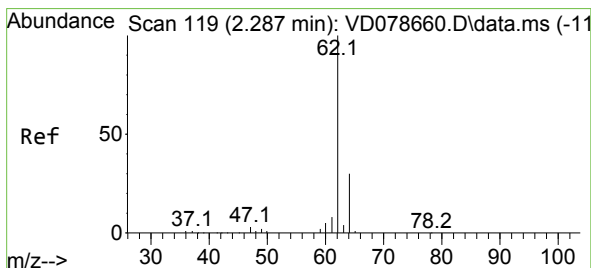
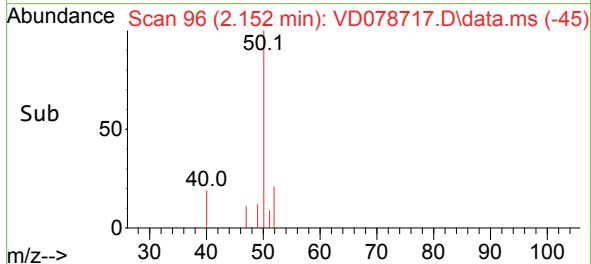
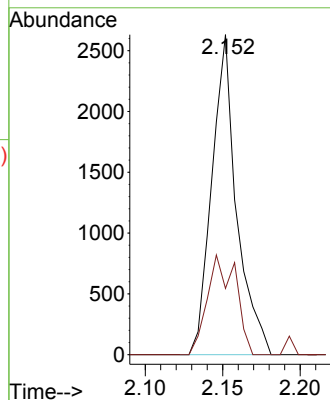
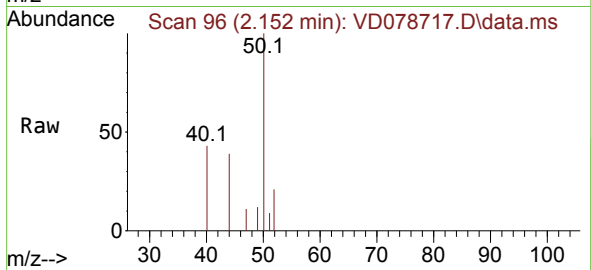




#3
Chloromethane
Concen: 2.114 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

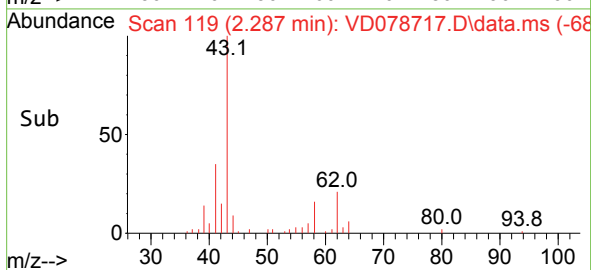
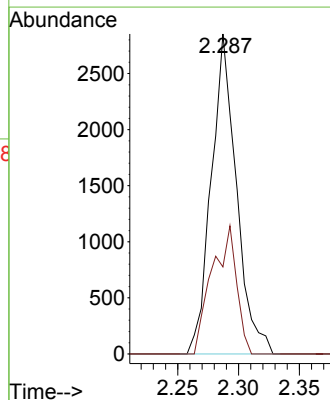
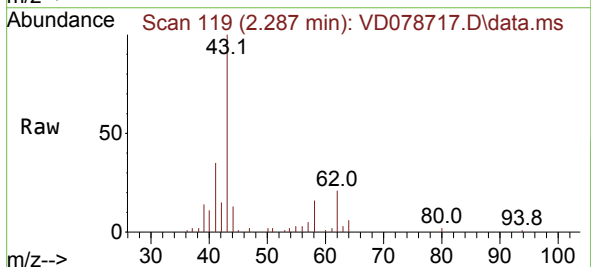
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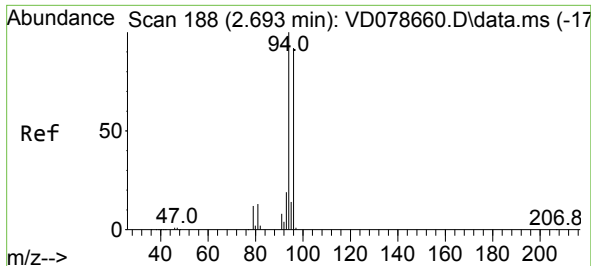
Tgt Ion: 50 Resp: 2924
Ion Ratio Lower Upper
50 100
52 20.7 25.6 38.4#



#4
Vinyl Chloride
Concen: 2.010 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Tgt Ion: 62 Resp: 4101
Ion Ratio Lower Upper
62 100
64 27.2 23.7 35.5

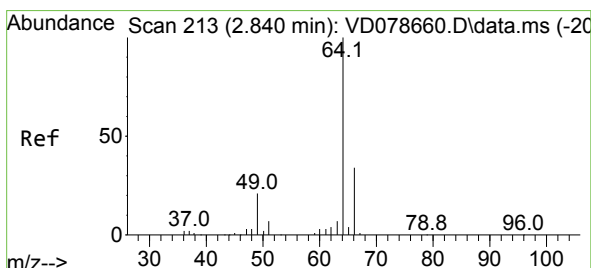
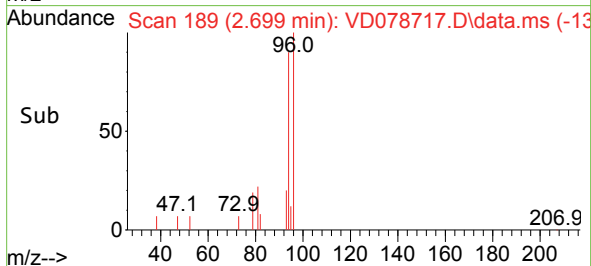
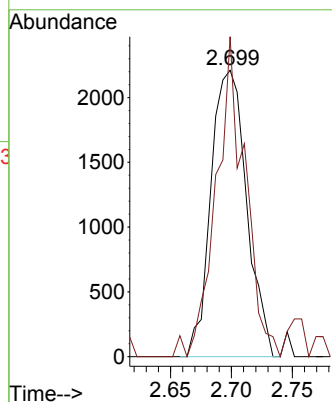
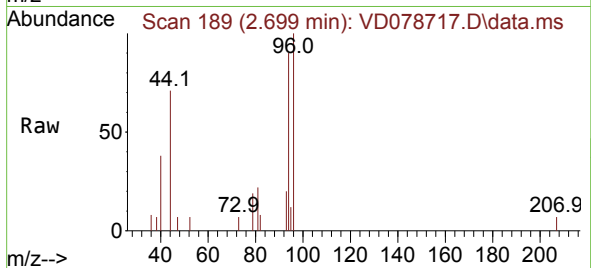




#5
Bromomethane
Concen: 2.304 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

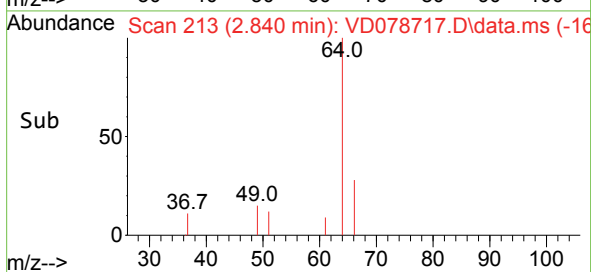
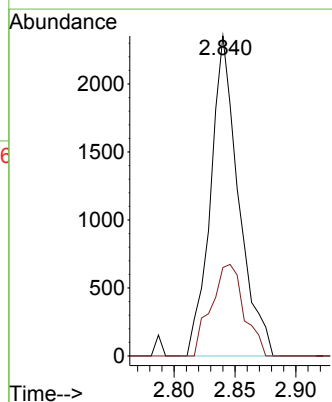
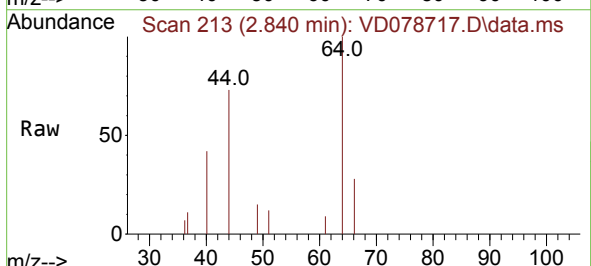
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ClientSampleId :

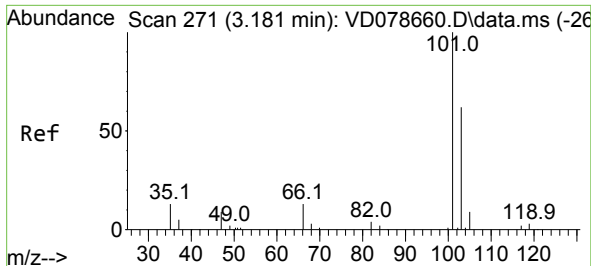
Tgt Ion: 94 Resp: 4501
Ion Ratio Lower Upper
94 100
96 91.0 73.5 110.3



#6
Chloroethane
Concen: 2.366 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Tgt Ion: 64 Resp: 3765
Ion Ratio Lower Upper
64 100
66 27.6 26.8 40.2

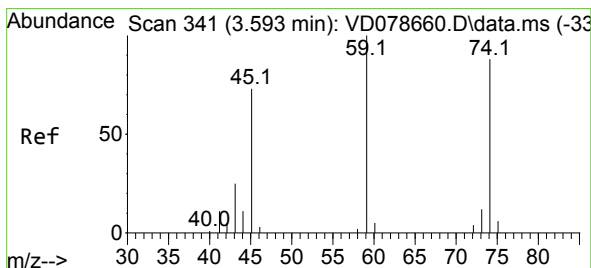
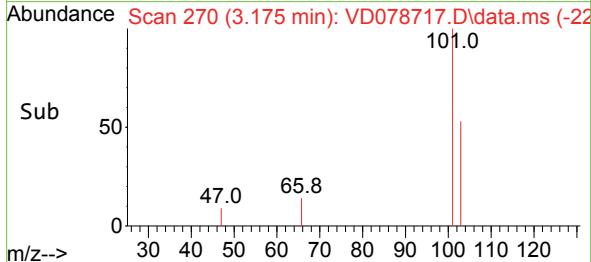
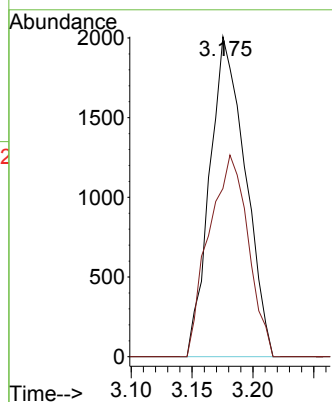
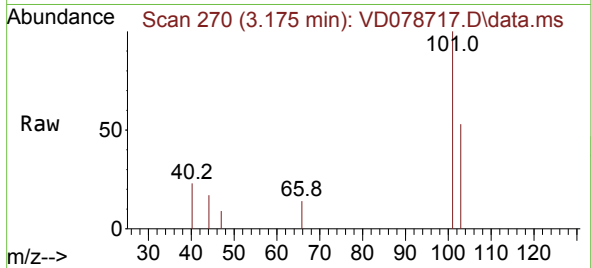




#7
Trichlorofluoromethane
Concen: 2.532 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

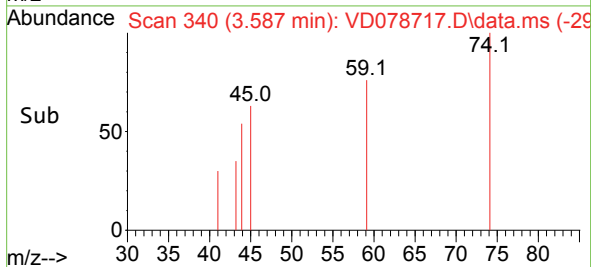
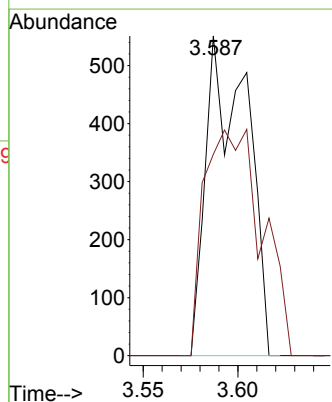
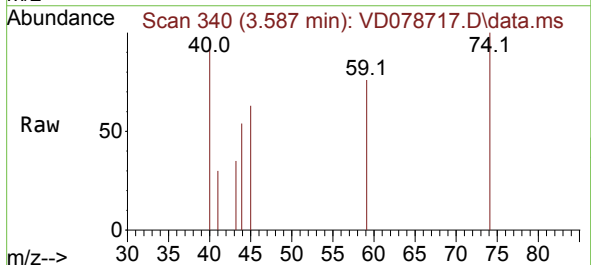
Instrument :
MSVOA_D
ClientSampleId :

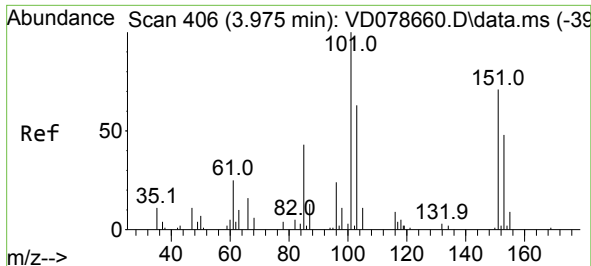
Tgt Ion:101 Resp: 4087
Ion Ratio Lower Upper
101 100
103 52.5 49.7 74.5



#8
Diethyl Ether
Concen: 1.763 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD078717.D
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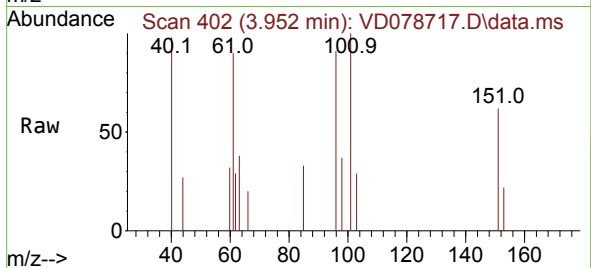
Tgt Ion: 74 Resp: 831
Ion Ratio Lower Upper
74 100
45 99.2 42.4 127.3



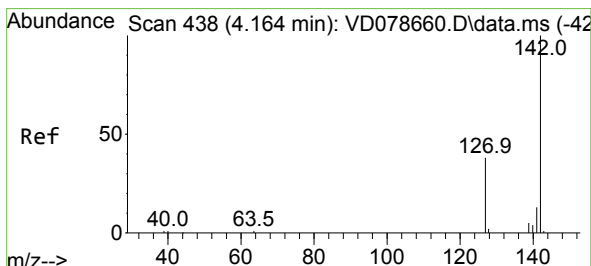
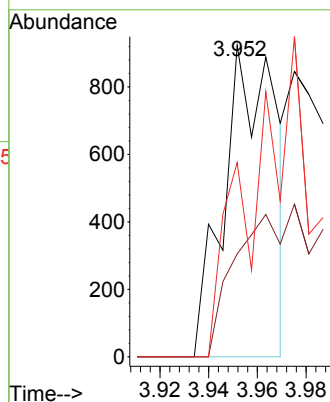
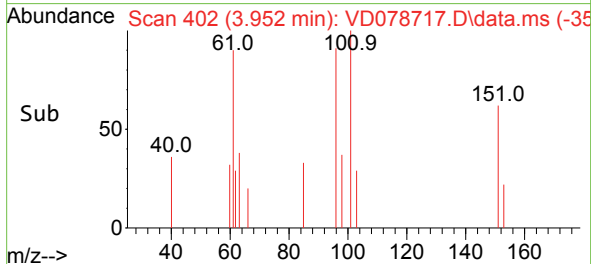


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.346 ug/l
RT: 3.952 min Scan# 406
Delta R.T. -0.024 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

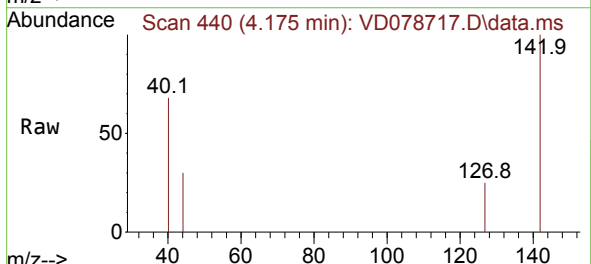
Instrument :
MSVOA_D
ClientSampleId :



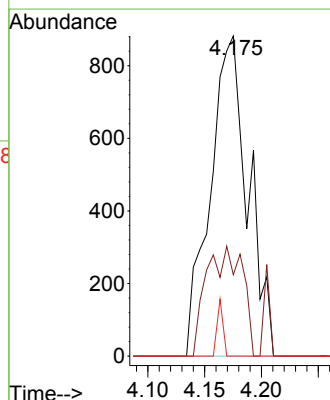
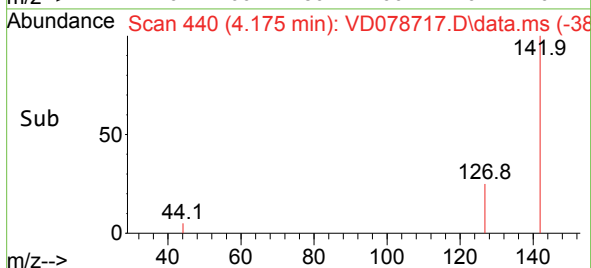
Tgt Ion:101 Resp: 1363
Ion Ratio Lower Upper
101 100
85 0.0 35.8 53.6#
151 32.5 59.4 89.2#

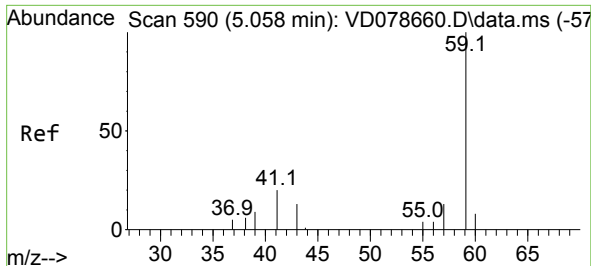


#10
Methyl Iodide
Concen: 1.706 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.012 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59



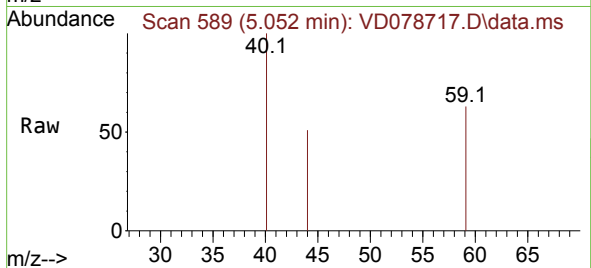
Tgt Ion:142 Resp: 2044
Ion Ratio Lower Upper
142 100
127 15.3 33.5 50.3#
141 2.7 11.7 17.5#



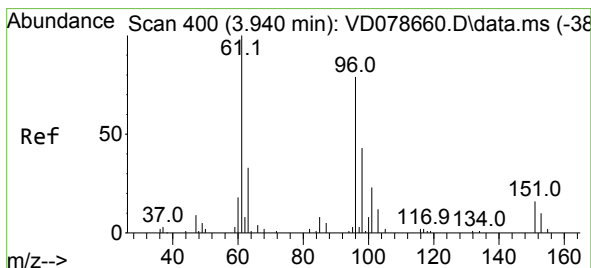
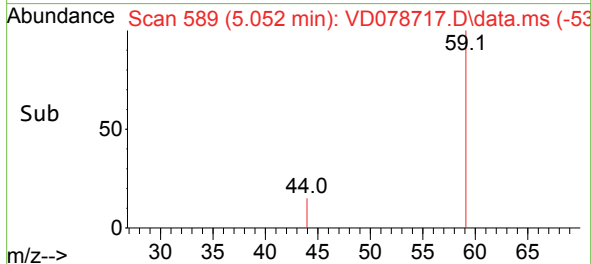
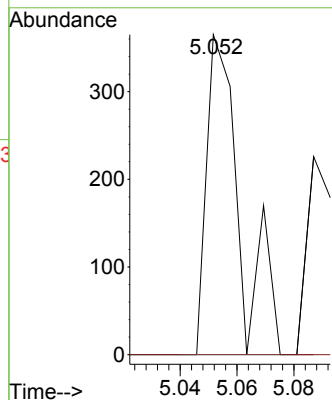


#11
Tert butyl alcohol
Concen: 7.524 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Instrument :
MSVOA_D
ClientSampleId :

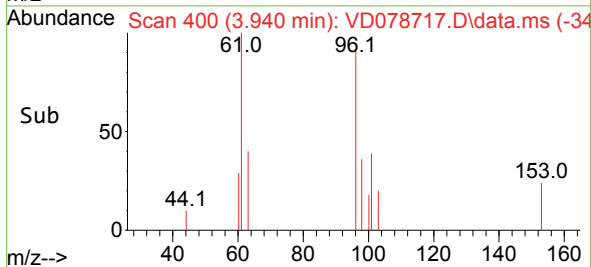
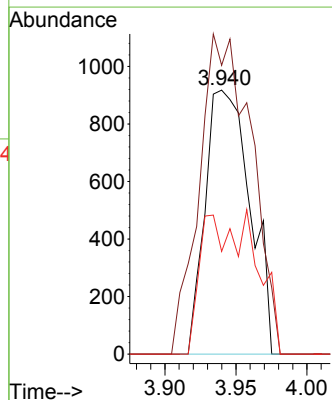
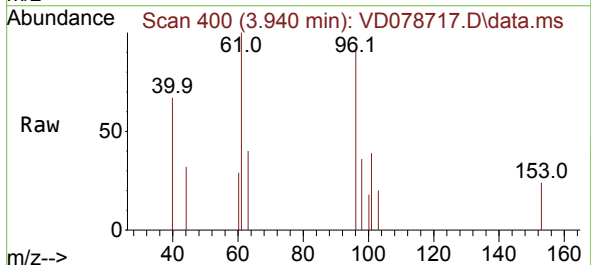


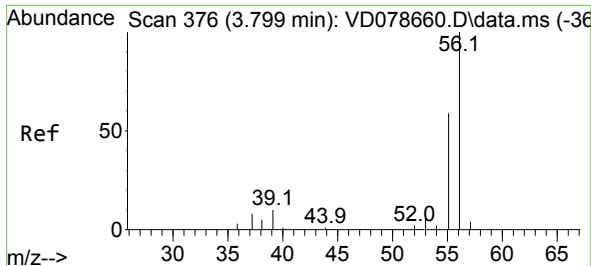
Tgt Ion: 59 Resp: 297
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 2.095 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

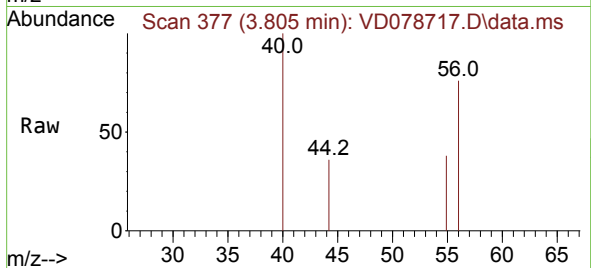
Tgt Ion: 96 Resp: 2017
Ion Ratio Lower Upper
96 100
61 109.4 101.4 152.0
98 38.9 43.4 65.0#



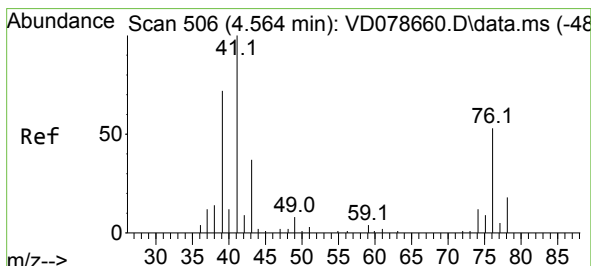
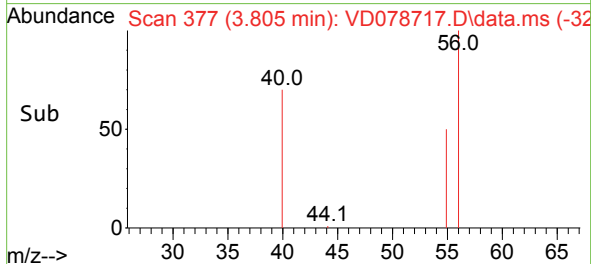
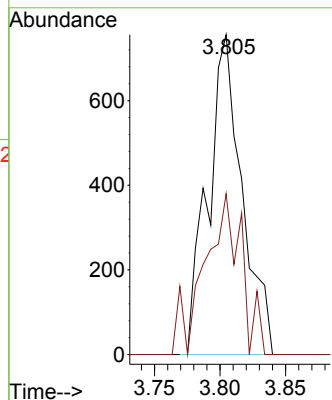


#13
Acrolein
Concen: 22.075 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Instrument :
MSVOA_D
ClientSampleId :

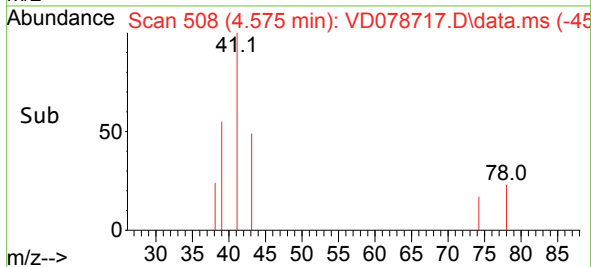
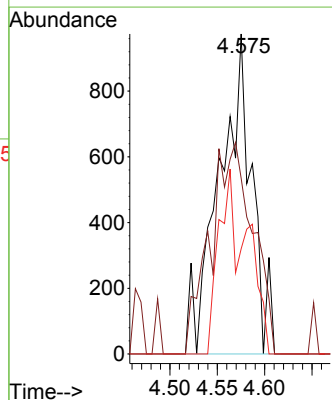
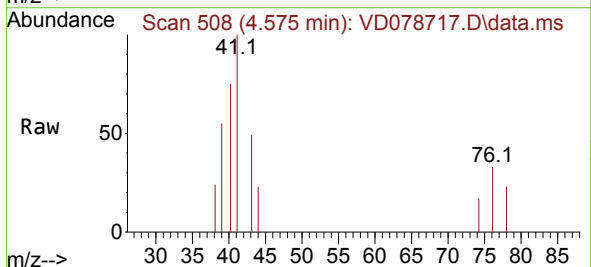


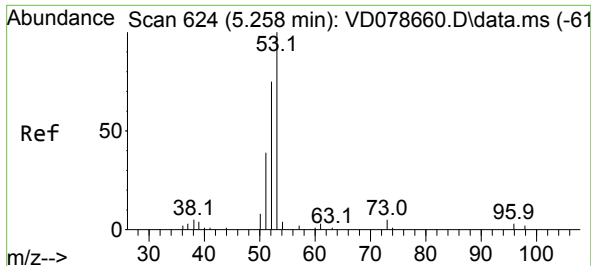
Tgt Ion: 56 Resp: 1365
Ion Ratio Lower Upper
56 100
55 54.9 54.9 82.3



#14
Allyl chloride
Concen: 2.169 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Tgt Ion: 41 Resp: 2331
Ion Ratio Lower Upper
41 100
39 87.2 57.8 86.6#
76 32.7 44.8 67.2#

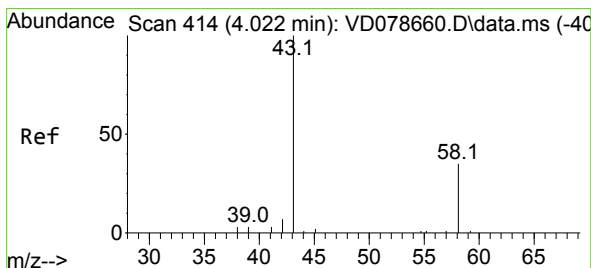
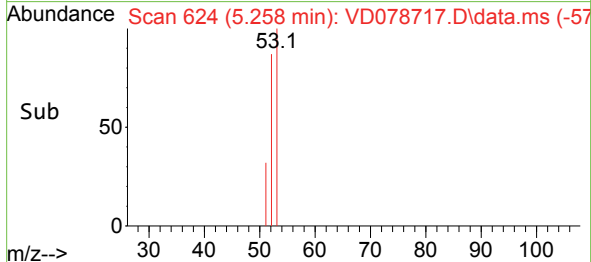
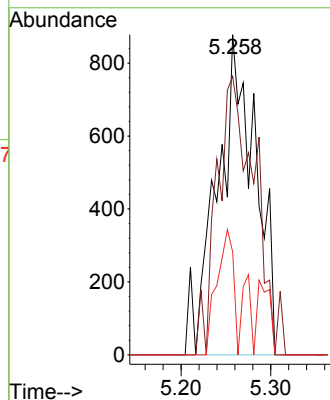
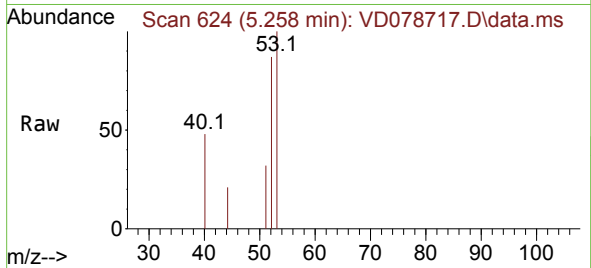




#15
Acrylonitrile
Concen: 13.623 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

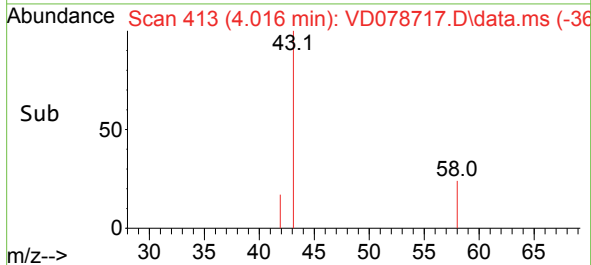
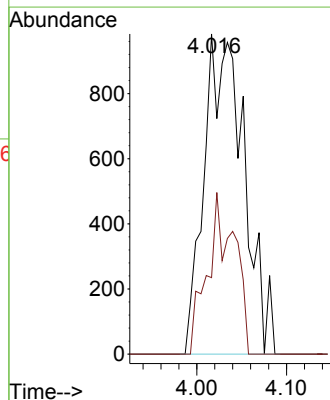
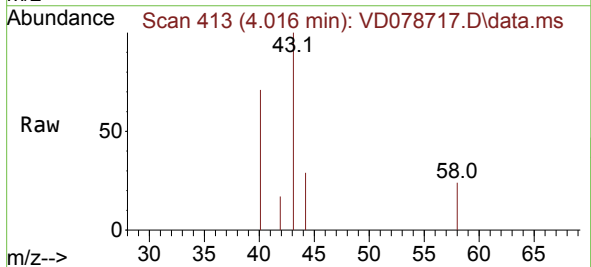
Instrument :
MSVOA_D
ClientSampleId :

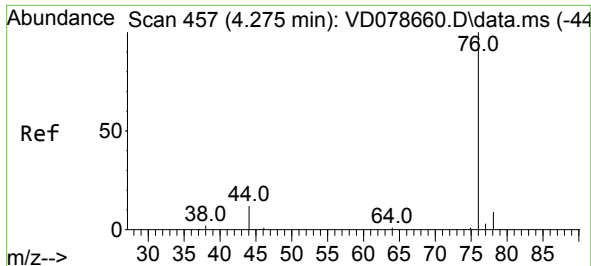
Tgt Ion: 53 Resp: 2588
Ion Ratio Lower Upper
53 100
52 86.7 61.9 92.9
51 17.0 29.0 43.4#



#16
Acetone
Concen: 17.771 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Tgt Ion: 43 Resp: 3031
Ion Ratio Lower Upper
43 100
58 23.9 28.2 42.4#

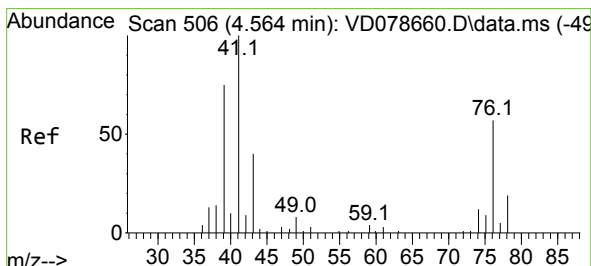
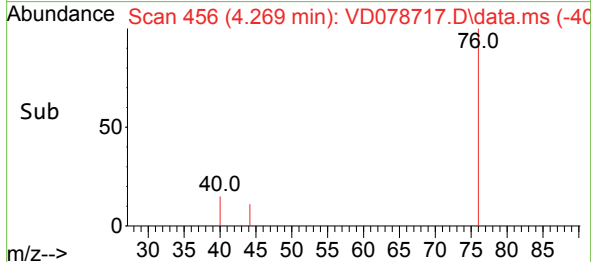
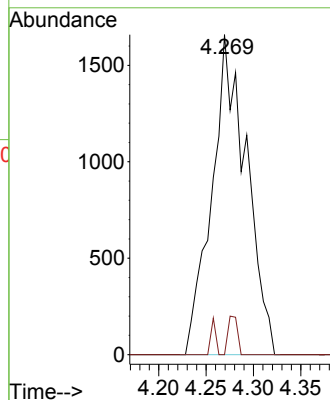
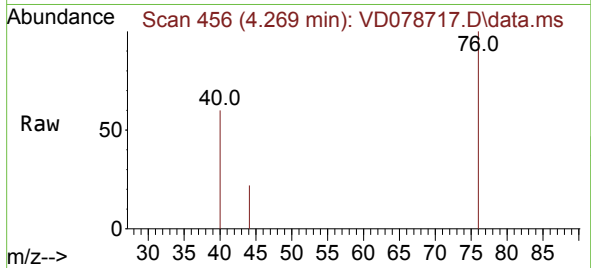




#17
Carbon Disulfide
Concen: 1.334 ug/l
RT: 4.269 min Scan# 411
Delta R.T. -0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

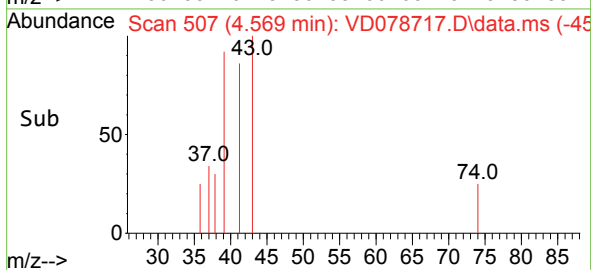
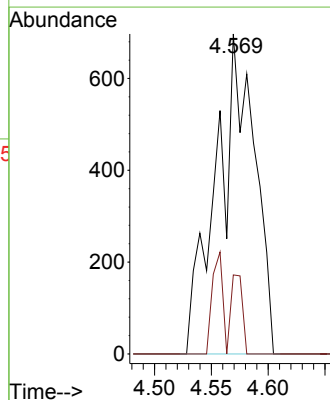
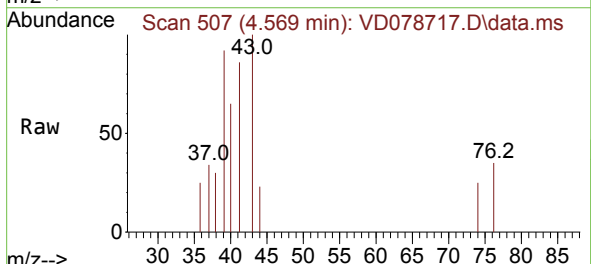
Instrument :
MSVOA_D
ClientSampleId :

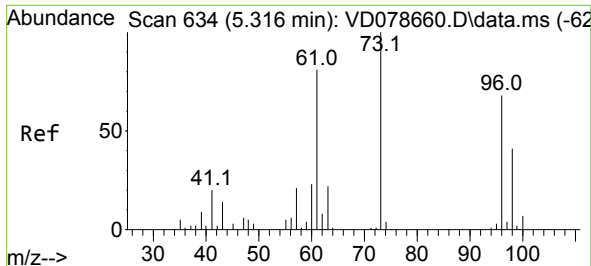
Tgt Ion: 76 Resp: 4212
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: 4.426 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Tgt Ion: 43 Resp: 1620
Ion Ratio Lower Upper
43 100
74 7.5 25.3 37.9#





#19

Methyl tert-butyl Ether

Concen: 1.046 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

Instrument :

MSVOA_D

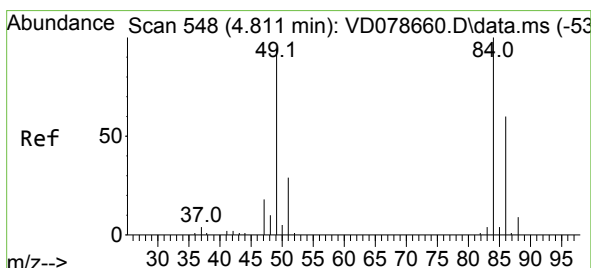
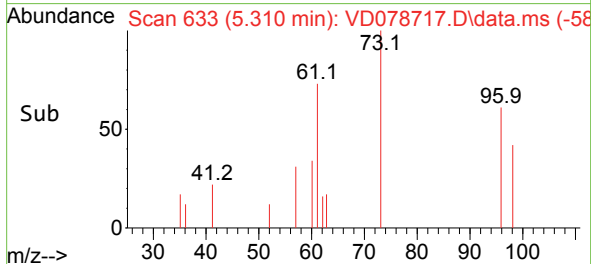
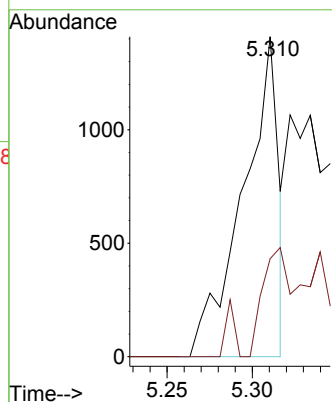
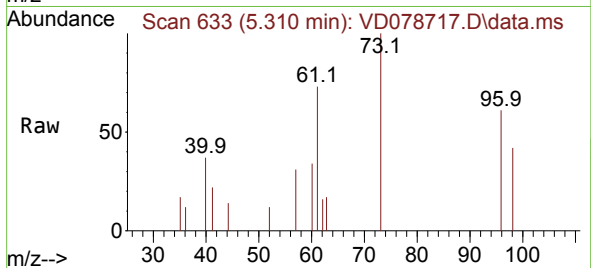
ClientSampleId :

Tgt Ion: 73 Resp: 2032

Ion Ratio Lower Upper

73 100

57 30.6 16.4 24.6#



#20

Methylene Chloride

Concen: 5.153 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.006 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

Tgt Ion: 84 Resp: 7462

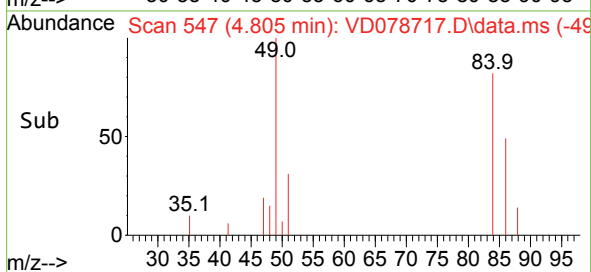
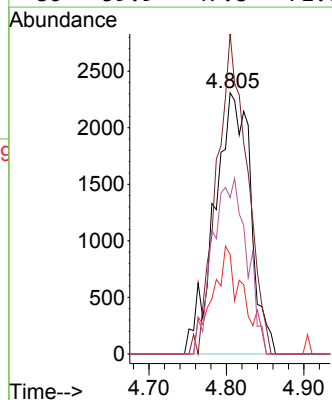
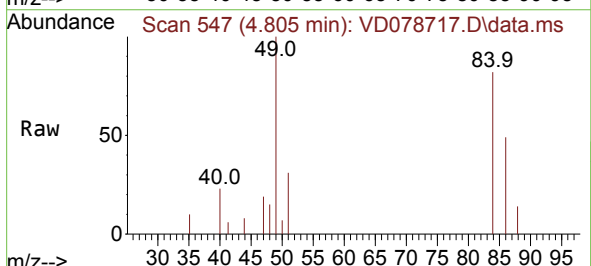
Ion Ratio Lower Upper

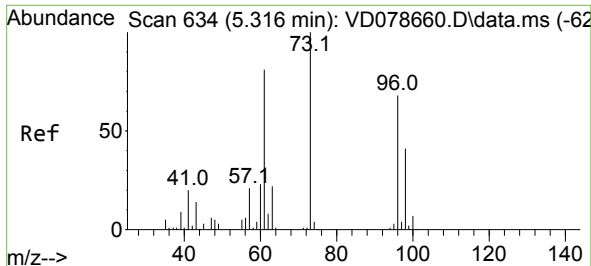
84 100

49 122.5 75.6 113.4#

51 38.2 23.4 35.0#

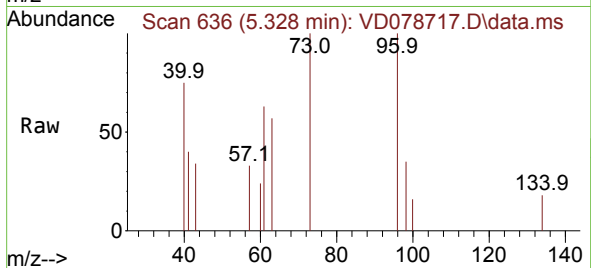
86 59.9 47.8 71.6



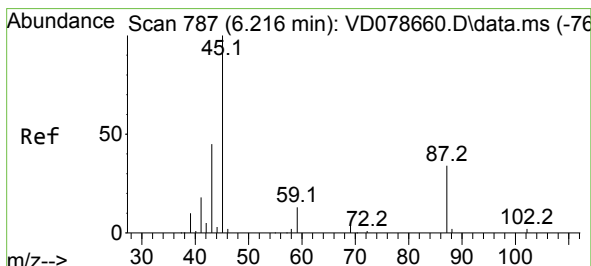
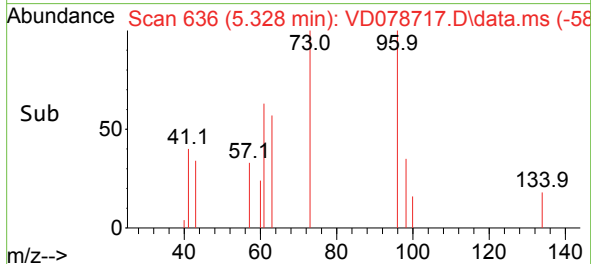
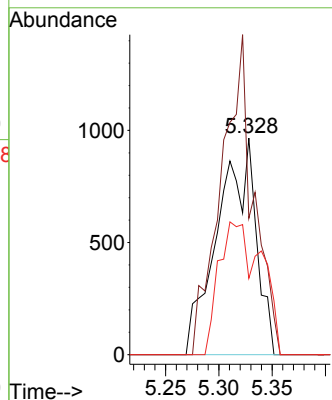


#21
trans-1,2-Dichloroethene
Concen: 2.111 ug/l
RT: 5.328 min Scan# 611
Delta R.T. 0.012 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Instrument :
MSVOA_D
ClientSampleId :

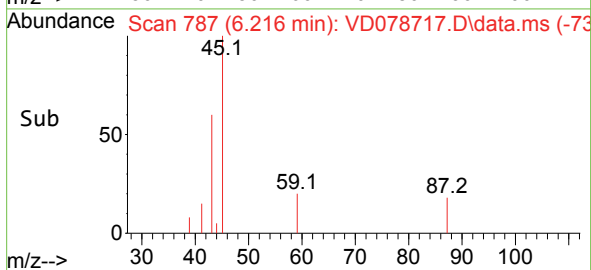
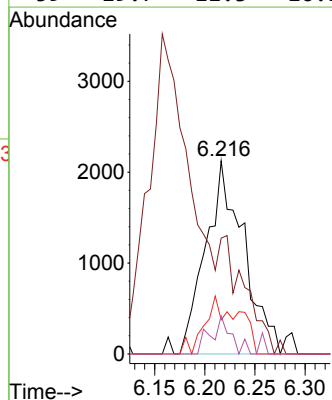
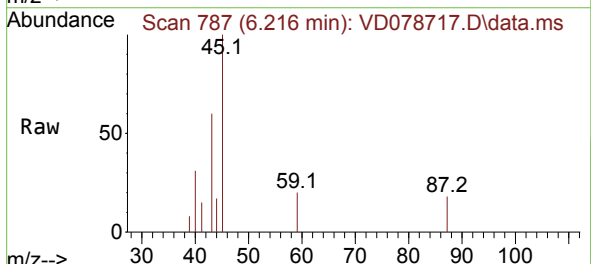


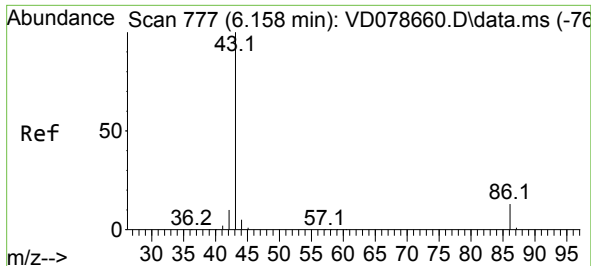
Tgt Ion: 96 Resp: 2399
Ion Ratio Lower Upper
96 100
61 62.9 96.1 144.1#
98 35.2 48.9 73.3#



#22
Diisopropyl ether
Concen: 2.294 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Tgt Ion: 45 Resp: 5603
Ion Ratio Lower Upper
45 100
43 52.8 44.3 66.5
87 17.6 28.3 42.5#
59 19.7 11.3 16.9#

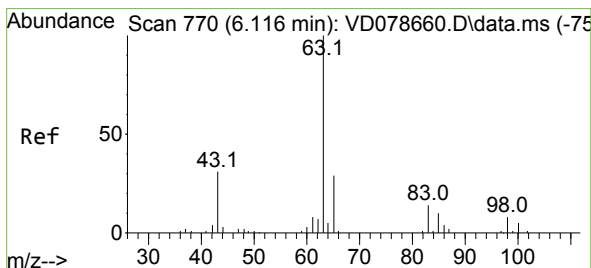
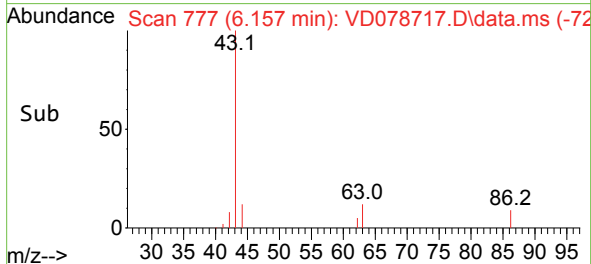
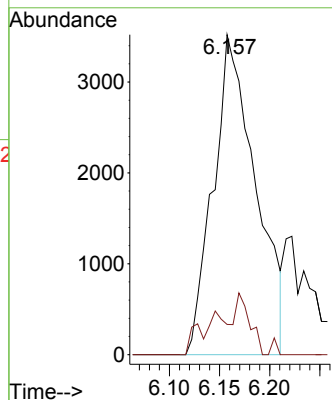
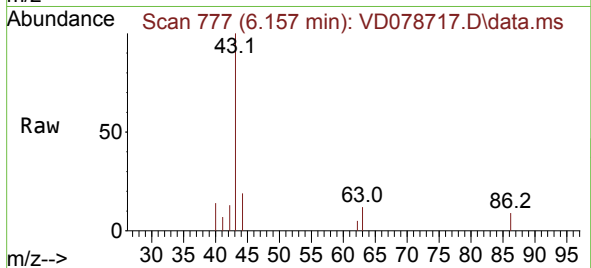




#23
 Vinyl Acetate
 Concen: 7.220 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. -0.000 min
 Lab File: VD078717.D
 Acq: 20 Mar 2024 13:59

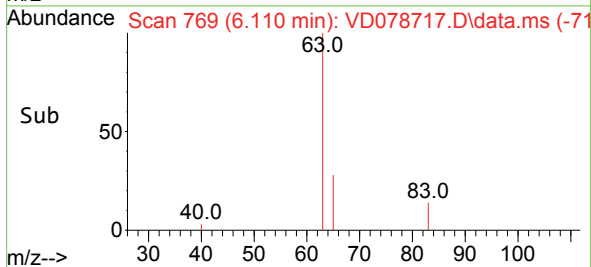
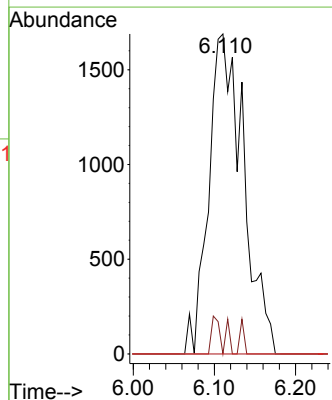
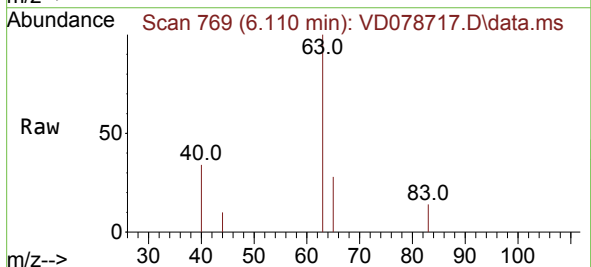
Instrument :
 MSVOA_D
 ClientSampleId :

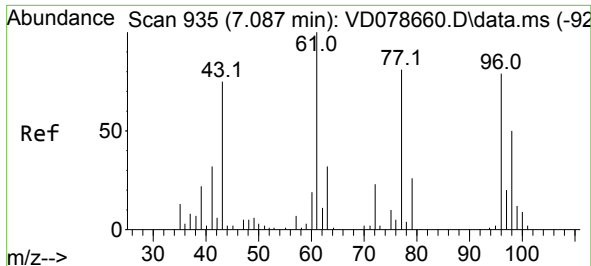
Tgt Ion: 43 Resp: 10317
 Ion Ratio Lower Upper
 43 100
 86 9.5 10.7 16.1#



#24
 1,1-Dichloroethane
 Concen: 2.751 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078717.D
 Acq: 20 Mar 2024 13:59

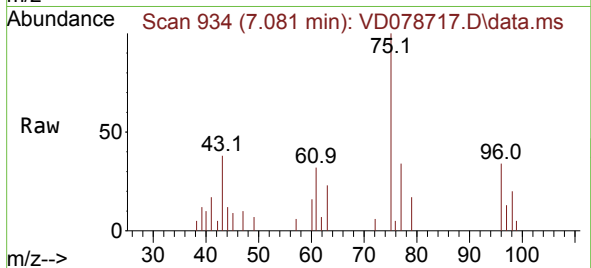
Tgt Ion: 63 Resp: 5039
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.0 11.9#
 100 0.0 2.7 8.1#



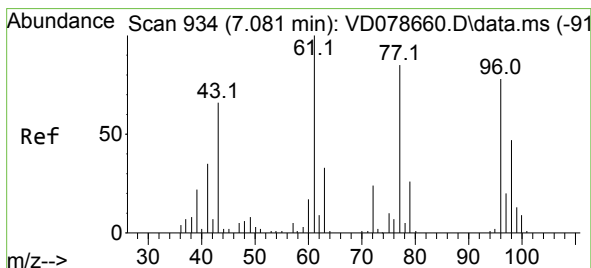
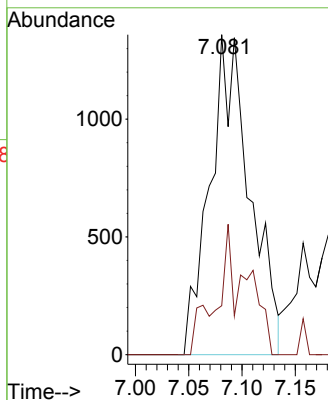
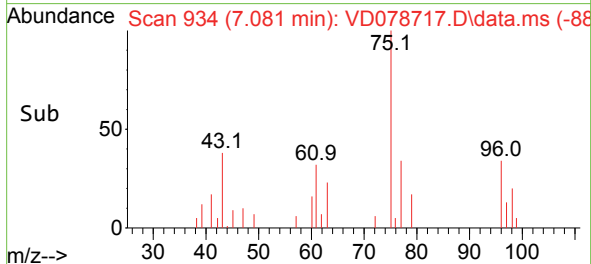


#25
2-Butanone
Concen: 15.660 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

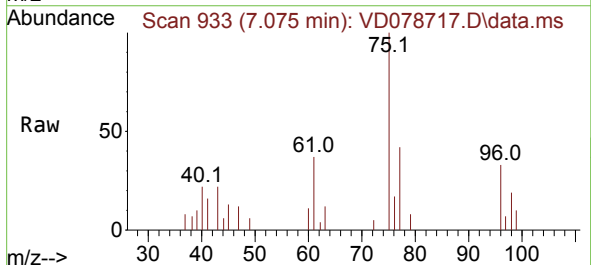
Instrument :
MSVOA_D
ClientSampleId :



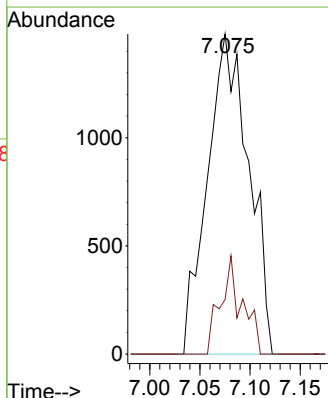
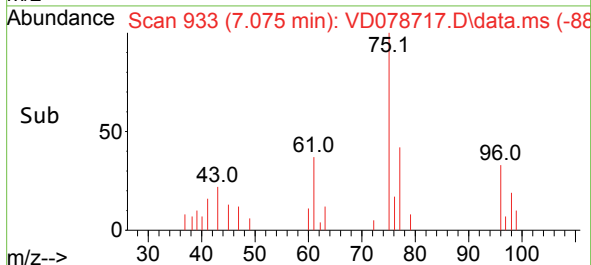
Tgt Ion: 43 Resp: 3551
Ion Ratio Lower Upper
43 100
72 15.3 25.0 37.6#

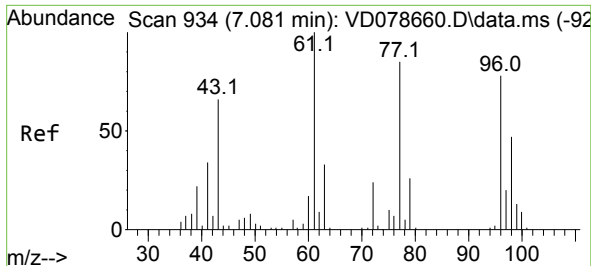


#26
2,2-Dichloropropane
Concen: 2.742 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59



Tgt Ion: 77 Resp: 4249
Ion Ratio Lower Upper
77 100
97 16.1 12.4 37.0

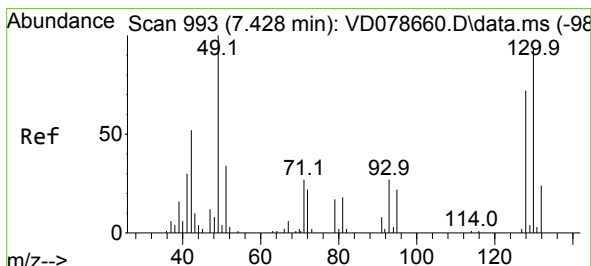
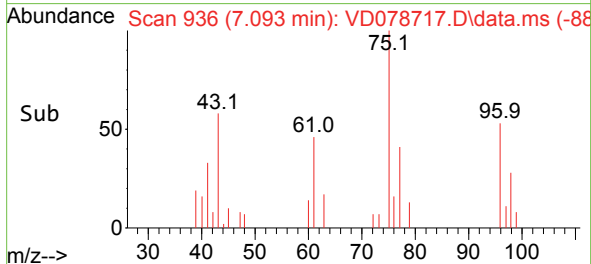
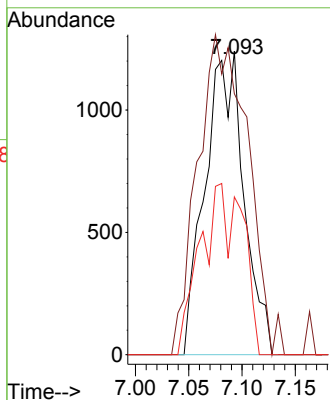
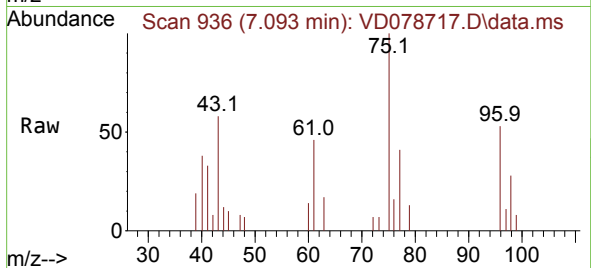




#27
 cis-1,2-Dichloroethene
 Concen: 2.410 ug/l
 RT: 7.093 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VD078717.D
 Acq: 20 Mar 2024 13:59

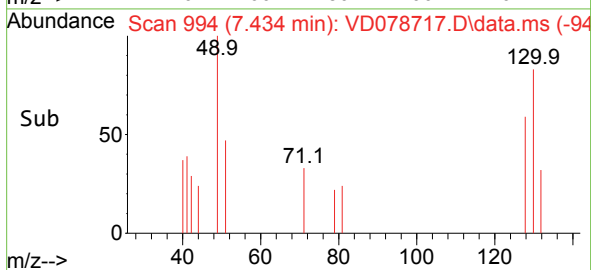
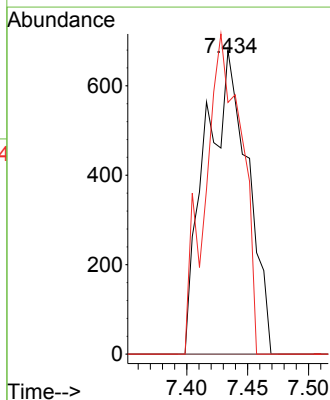
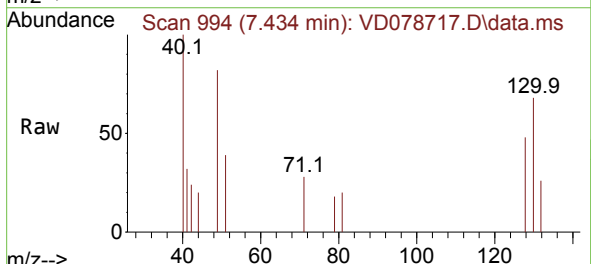
Instrument :
 MSVOA_D
 ClientSampleId :

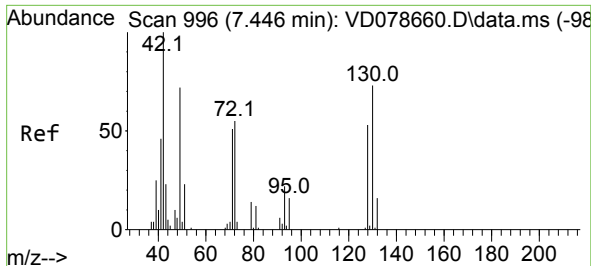
Tgt Ion: 96 Resp: 3123
 Ion Ratio Lower Upper
 96 100
 61 136.8 0.0 245.0
 98 39.9 0.0 126.6



#28
 Bromochloromethane
 Concen: 2.524 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD078717.D
 Acq: 20 Mar 2024 13:59

Tgt Ion: 49 Resp: 1648
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 6.2
 130 90.7 77.1 115.7

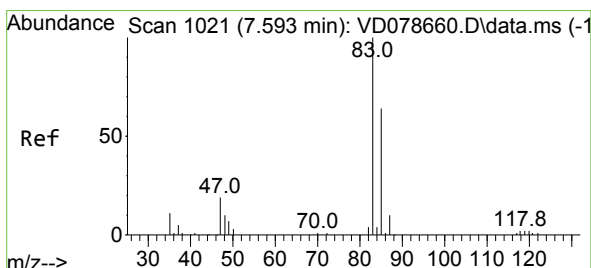
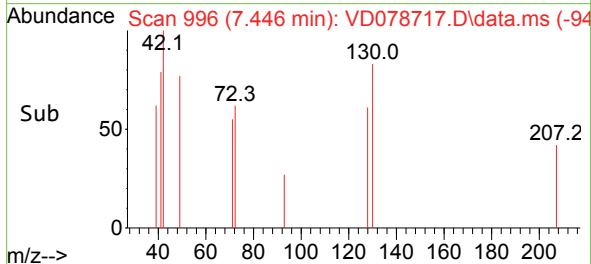
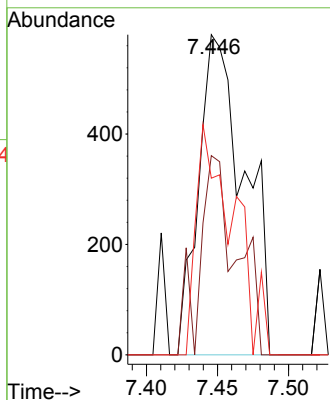
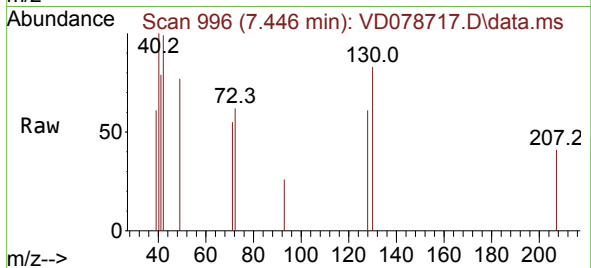




#29
Tetrahydrofuran
Concen: 10.556 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

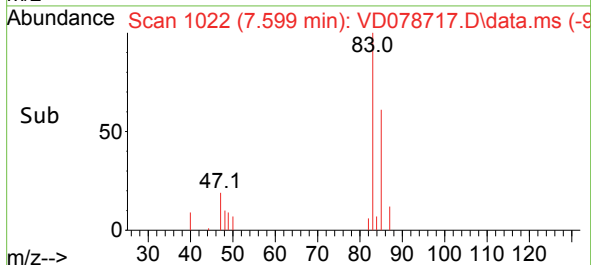
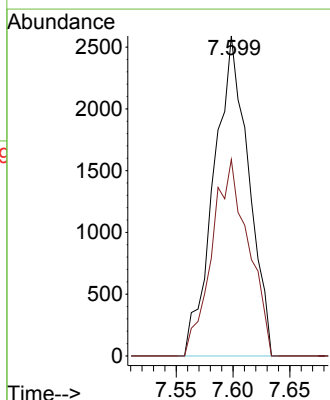
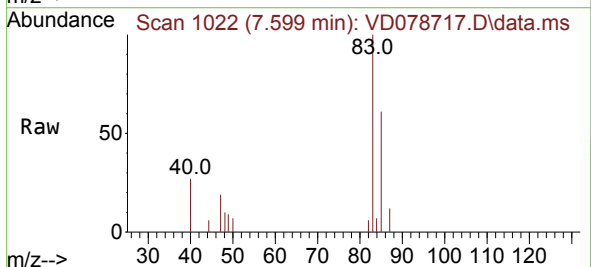
Instrument :
MSVOA_D
ClientSampleId :

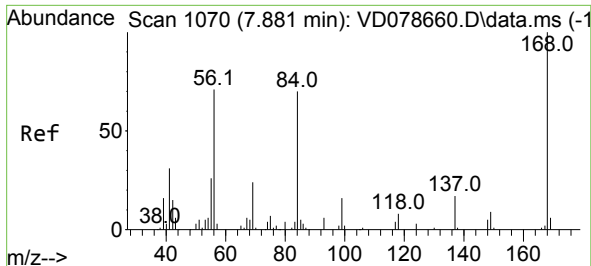
Tgt Ion: 42 Resp: 1302
Ion Ratio Lower Upper
42 100
72 50.3 43.8 65.6
71 59.5 42.0 63.0



#30
Chloroform
Concen: 2.693 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Tgt Ion: 83 Resp: 5499
Ion Ratio Lower Upper
83 100
85 61.4 51.2 76.8





#31

Cyclohexane

Concen: 3.097 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

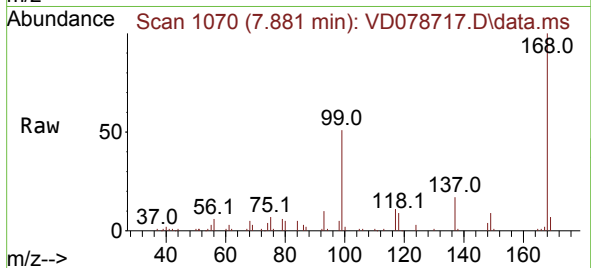
Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

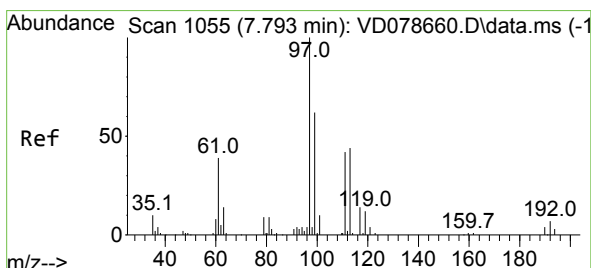
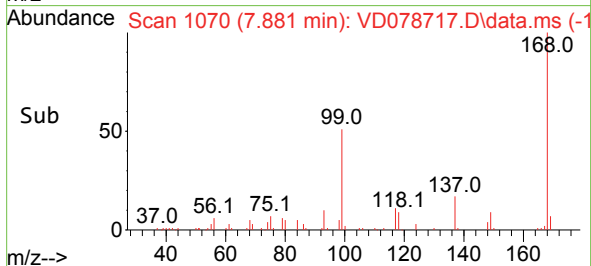
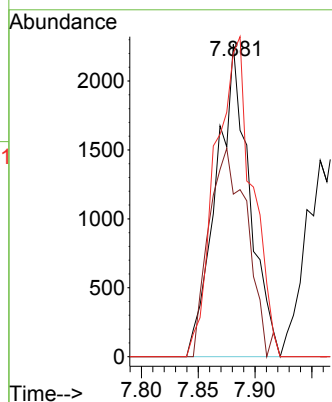
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	56	Resp:	4591
Ion Ratio	100	Lower	Upper
69	52.0	26.6	40.0#
84	97.2	79.4	119.2



#32

1,1,1-Trichloroethane

Concen: 2.366 ug/l

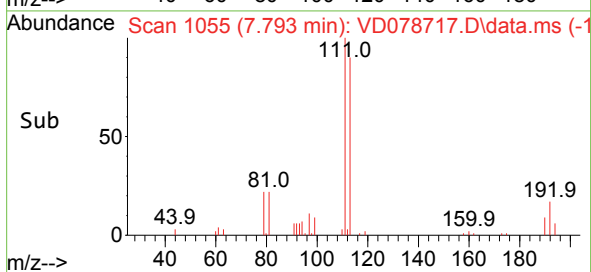
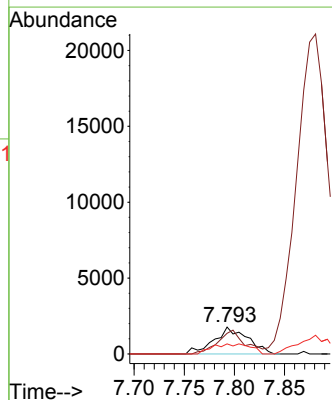
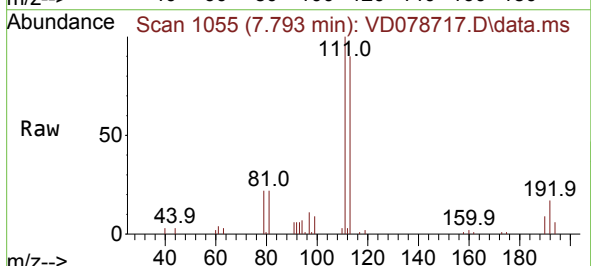
RT: 7.793 min Scan# 1055

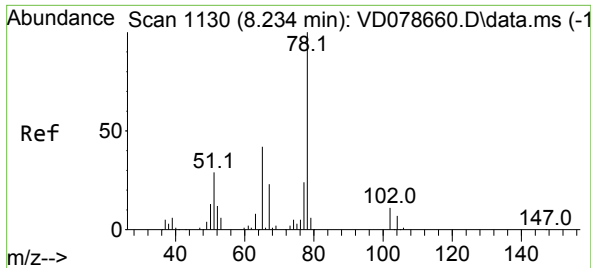
Delta R.T. -0.000 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

Tgt Ion:	97	Resp:	4100
Ion Ratio	100	Lower	Upper
99	71.8	50.8	76.2
61	42.6	33.0	49.6





#33

1,2-Dichloroethane-d4

Concen: 58.821 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

Instrument :

MSVOA_D

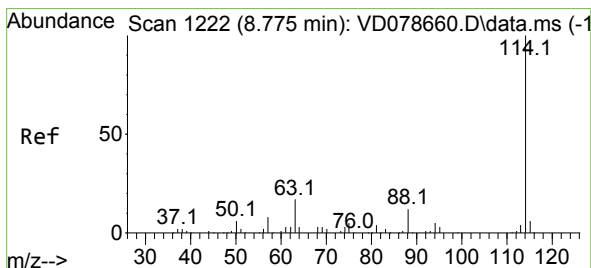
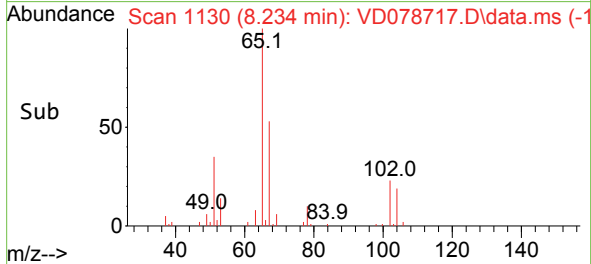
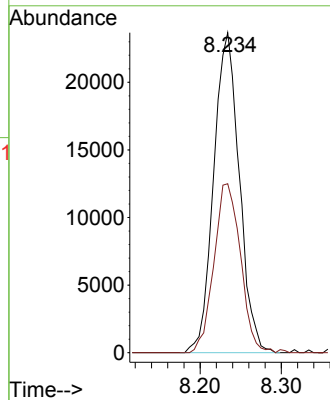
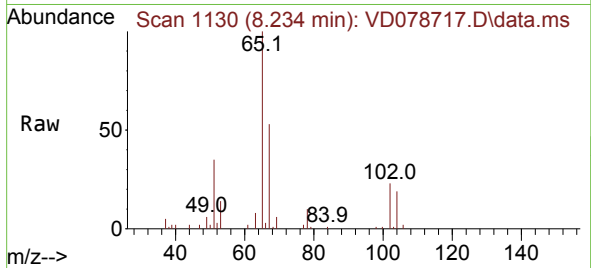
ClientSampleId :

Tgt Ion: 65 Resp: 51882

Ion Ratio Lower Upper

65 100

67 54.7 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

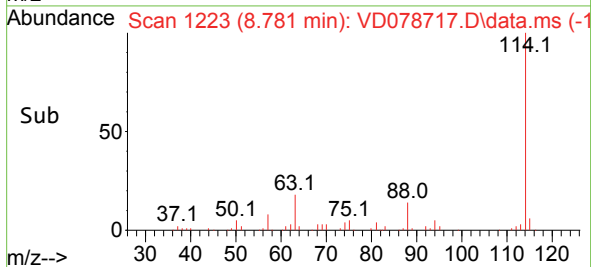
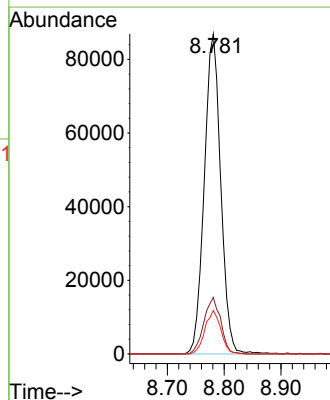
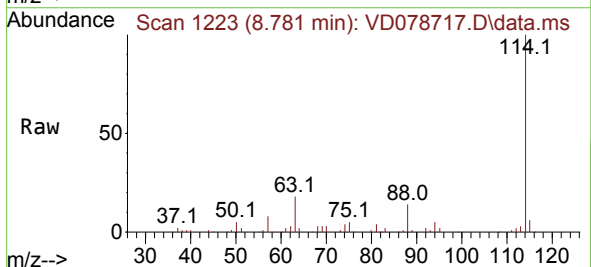
Tgt Ion: 114 Resp: 174622

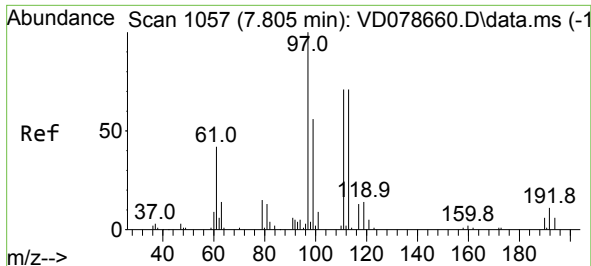
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

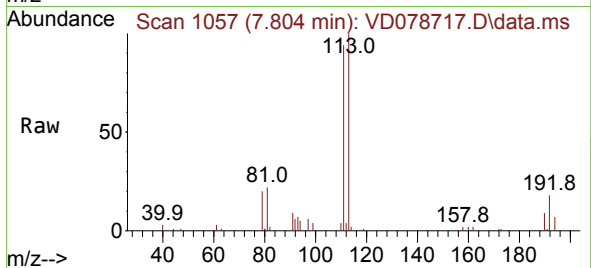
88 13.6 0.0 24.6



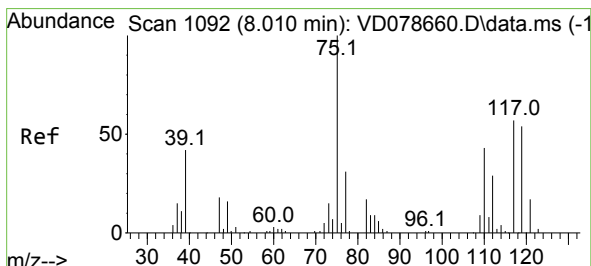
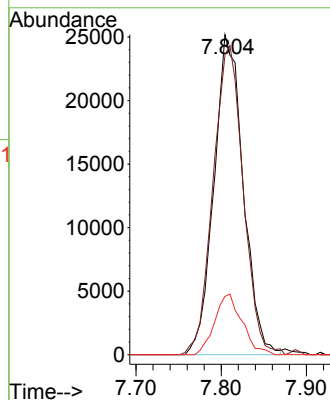
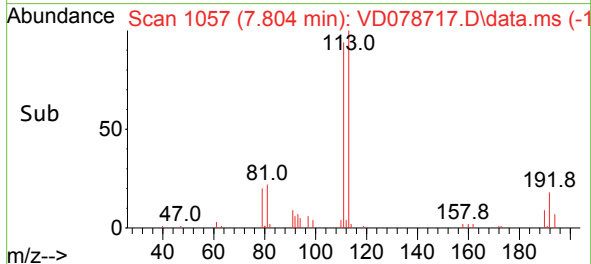


#35
Dibromofluoromethane
Concen: 53.418 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Instrument :
MSVOA_D
ClientSampleId :

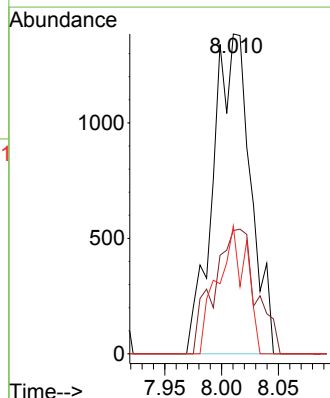
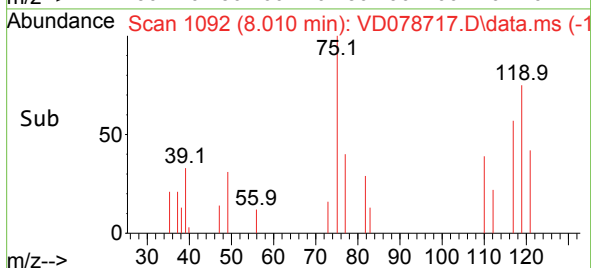
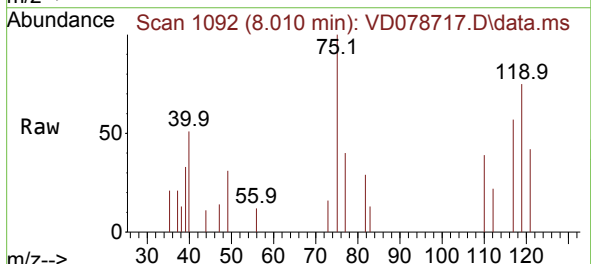


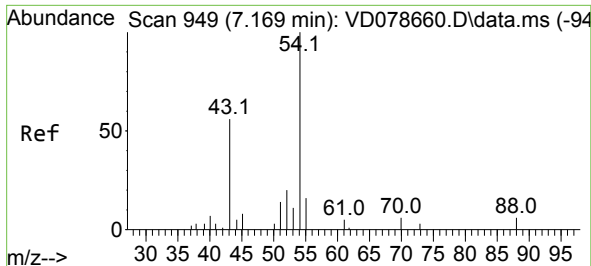
Tgt Ion:113 Resp: 60058
Ion Ratio Lower Upper
113 100
111 99.3 81.9 122.9
192 17.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 1.951 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Tgt Ion: 75 Resp: 3182
Ion Ratio Lower Upper
75 100
110 44.0 19.1 57.1
77 31.0 25.4 38.2





#37

Ethyl Acetate

Concen: 1.659 ug/l

RT: 7.181 min Scan# 91

Delta R.T. 0.012 min

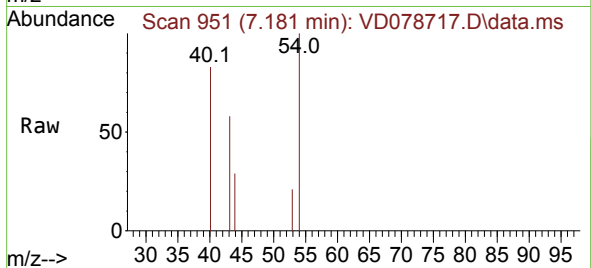
Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

Instrument :

MSVOA_D

ClientSampleId :



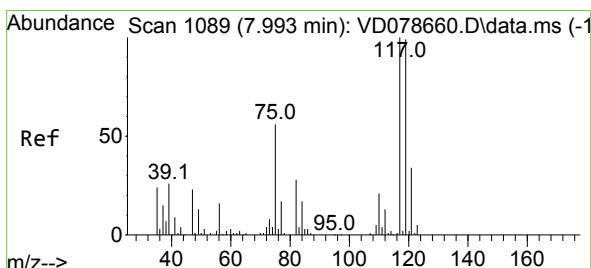
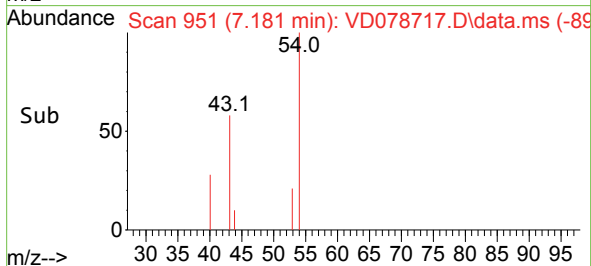
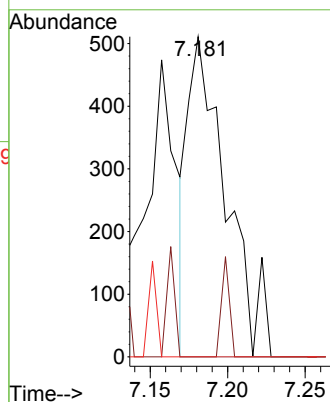
Tgt Ion: 43 Resp: 884

Ion Ratio Lower Upper

43 100

61 0.0 14.6 21.8#

70 0.0 9.4 14.0#



#38

Carbon Tetrachloride

Concen: 2.228 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

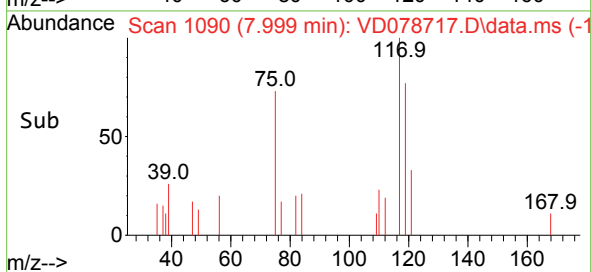
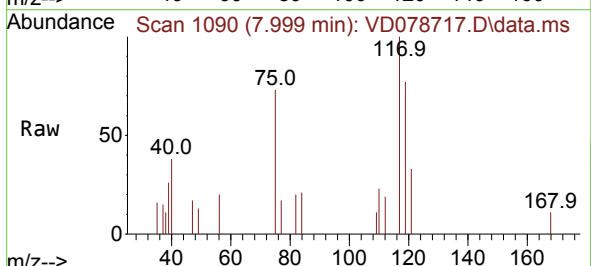
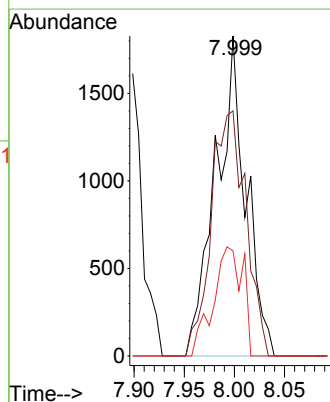
Tgt Ion: 117 Resp: 3831

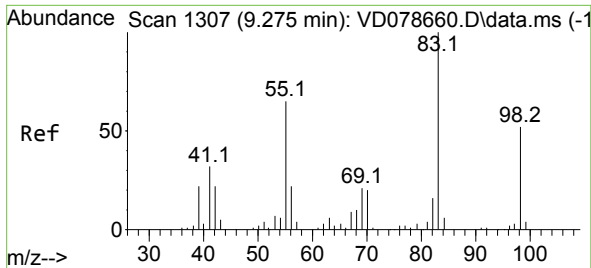
Ion Ratio Lower Upper

117 100

119 76.6 79.2 118.8#

121 32.8 26.8 40.2

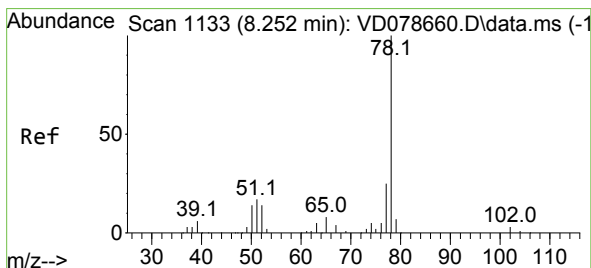
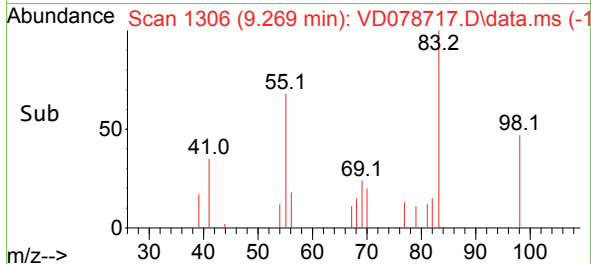
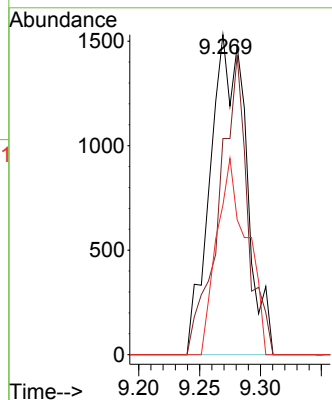
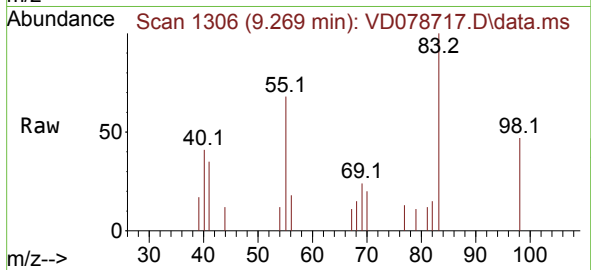




#39
Methylcyclohexane
Concen: 1.677 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

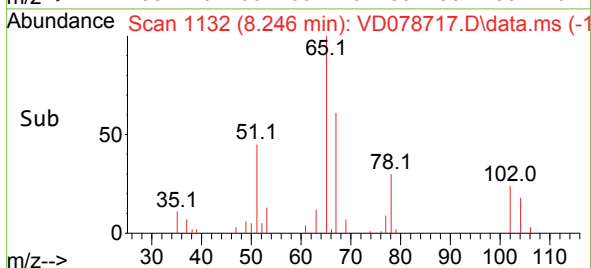
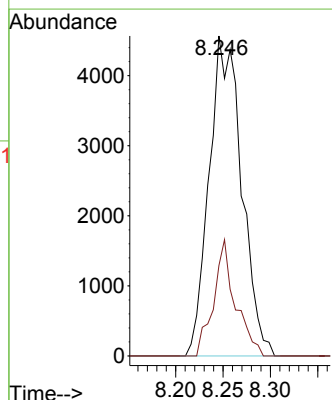
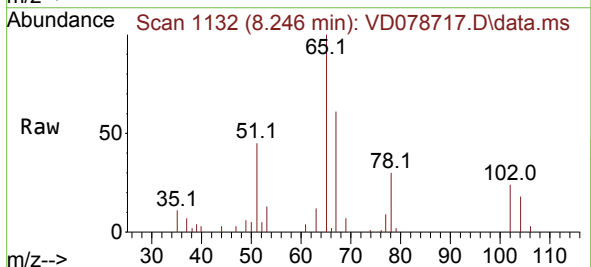
Instrument :
MSVOA_D
ClientSampleId :

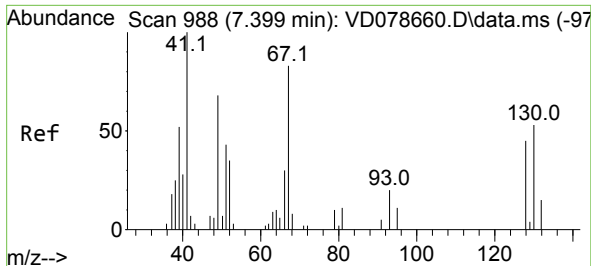
Tgt Ion: 83 Resp: 3173
Ion Ratio Lower Upper
83 100
55 67.5 51.7 77.5
98 46.8 41.4 62.0



#40
Benzene
Concen: 2.207 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

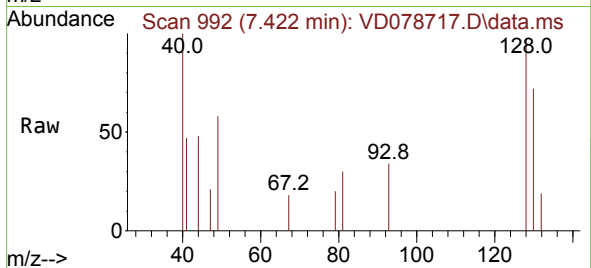
Tgt Ion: 78 Resp: 10884
Ion Ratio Lower Upper
78 100
77 28.2 20.4 30.6



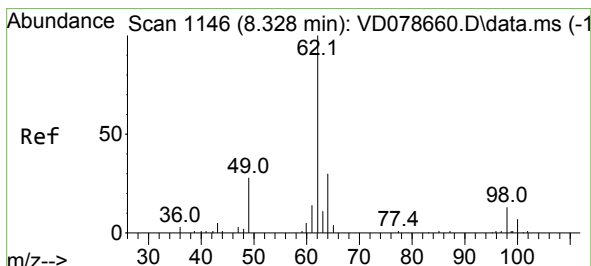
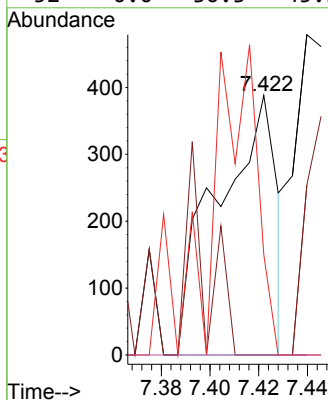
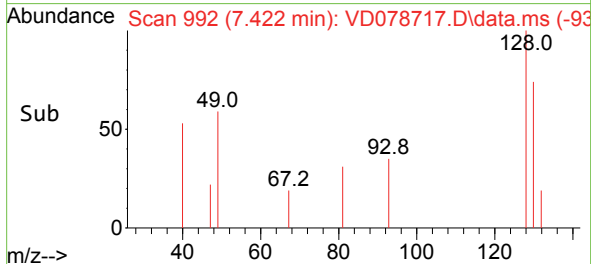


#41
Methacrylonitrile
Concen: 2.345 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.023 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Instrument :
MSVOA_D
ClientSampleId :

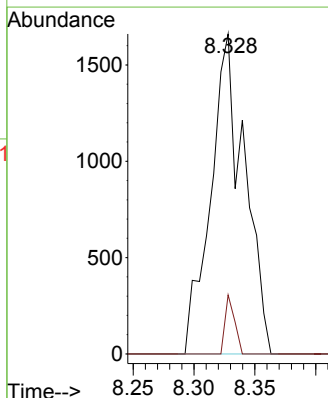
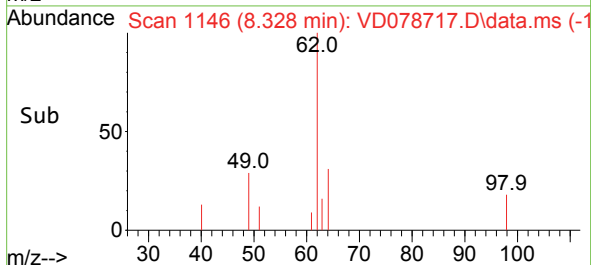
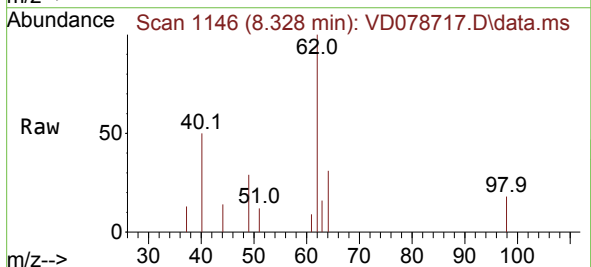


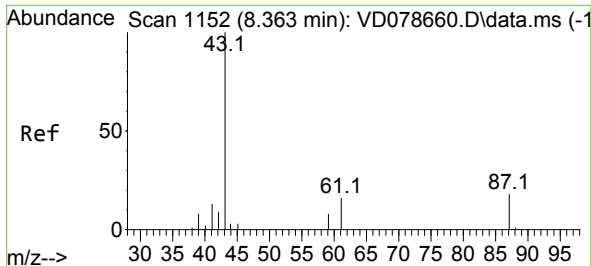
Tgt Ion: 41 Resp: 655
Ion Ratio Lower Upper
41 100
39 0.0 39.8 59.6#
67 84.4 83.5 125.3
52 0.0 30.3 45.5#



#42
1,2-Dichloroethane
Concen: 2.668 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Tgt Ion: 62 Resp: 3208
Ion Ratio Lower Upper
62 100
98 5.2 0.0 23.8

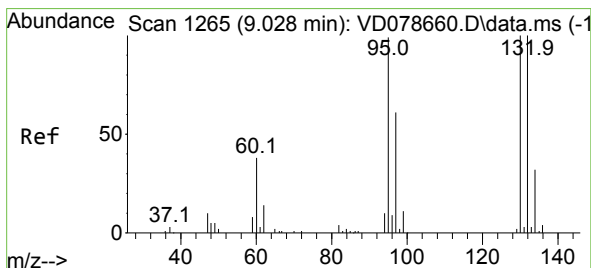
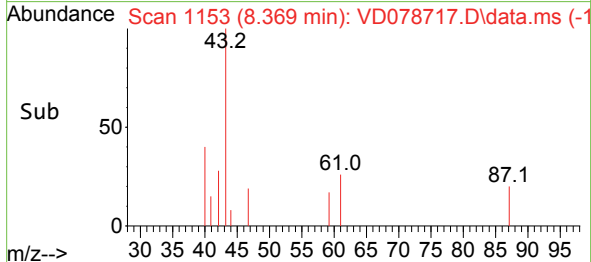
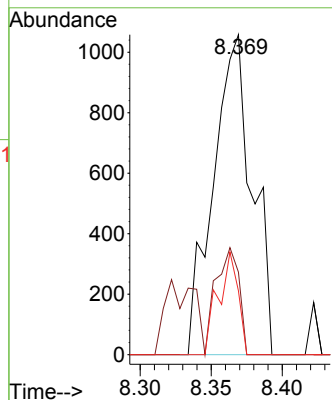
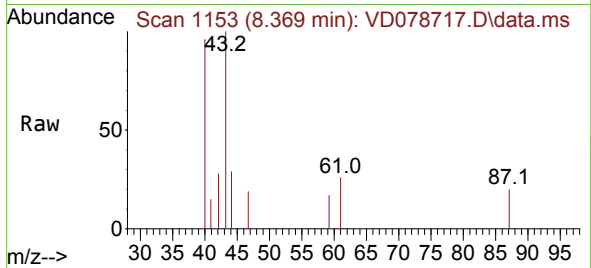




#43
Isopropyl Acetate
Concen: 2.083 ug/l
RT: 8.369 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

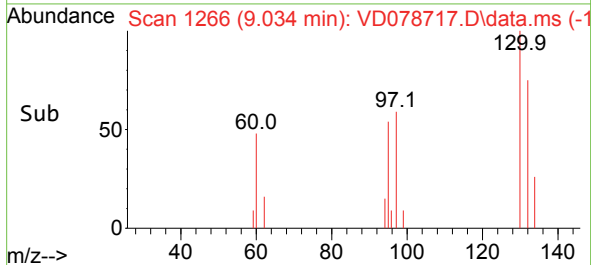
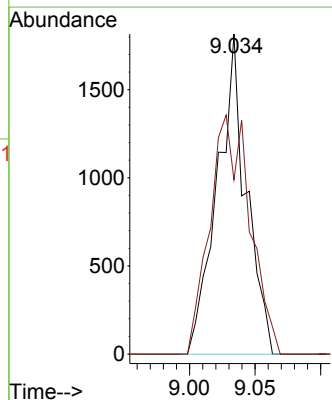
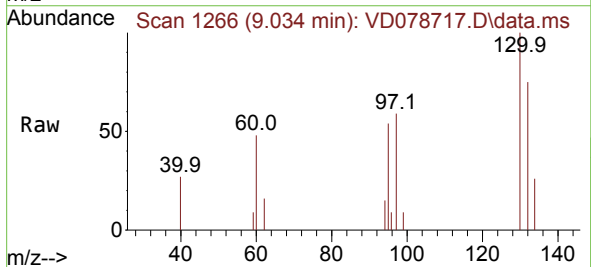
Instrument :
MSVOA_D
ClientSampleId :

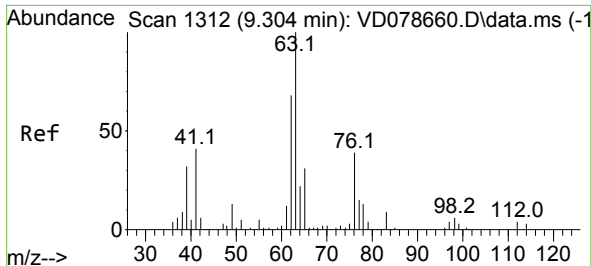
Tgt Ion: 43 Resp: 2019
Ion Ratio Lower Upper
43 100
61 19.9 30.1 45.1#
87 16.2 14.4 21.6



#44
Trichloroethene
Concen: 2.080 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Tgt Ion: 130 Resp: 2783
Ion Ratio Lower Upper
130 100
95 54.4 0.0 197.8





#45

1,2-Dichloropropane

Concen: 2.345 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

Instrument :

MSVOA_D

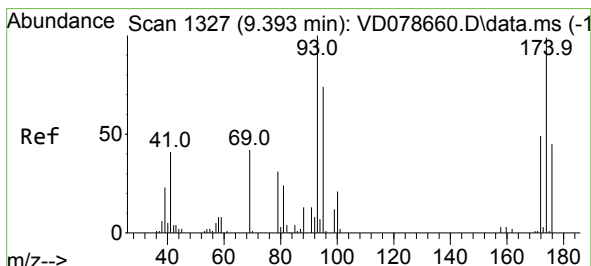
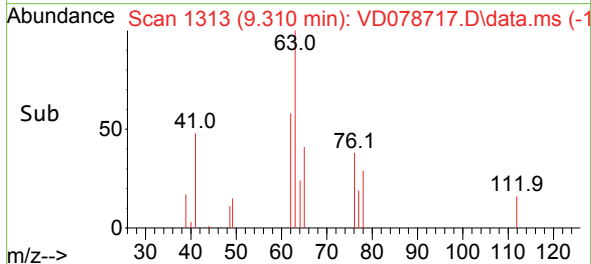
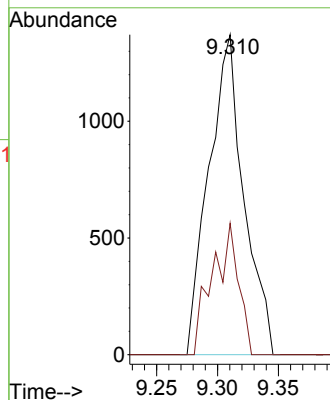
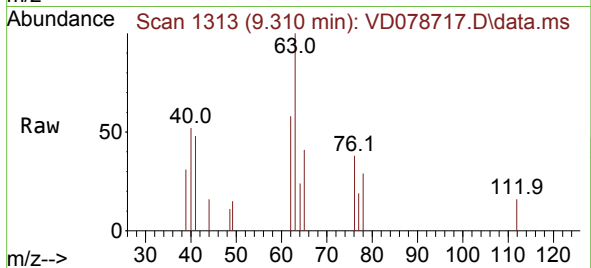
ClientSampleId :

Tgt Ion: 63 Resp: 2743

Ion Ratio Lower Upper

63 100

65 41.1 24.8 37.2#



#46

Dibromomethane

Concen: 2.078 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

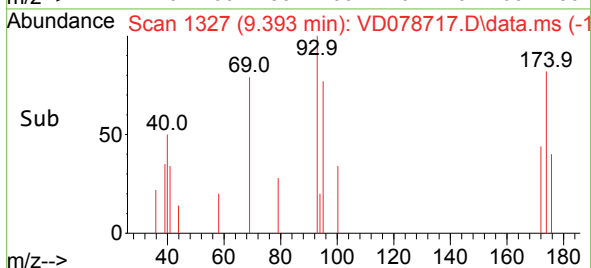
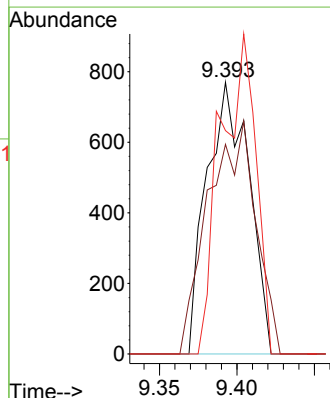
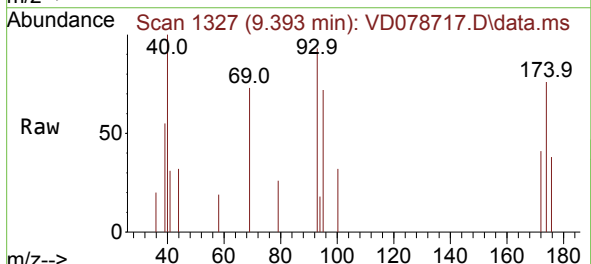
Tgt Ion: 93 Resp: 1457

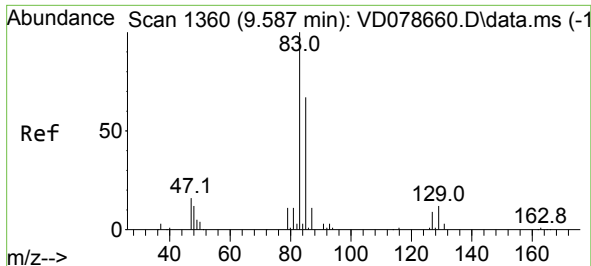
Ion Ratio Lower Upper

93 100

95 96.2 67.3 100.9

174 98.1 80.9 121.3





#47

Bromodichloromethane

Concen: 2.629 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

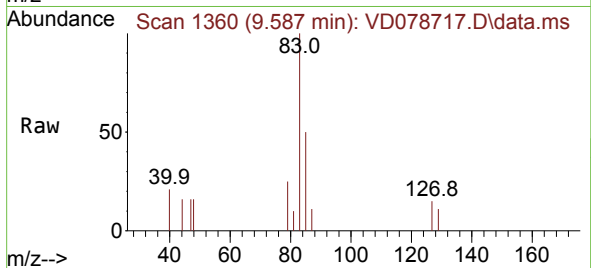
Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

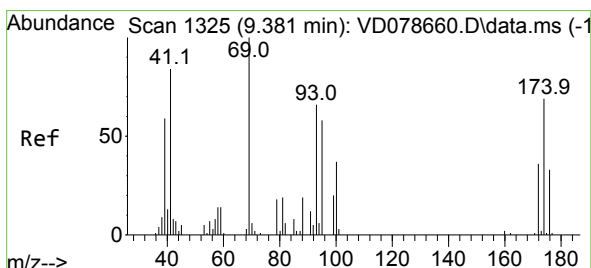
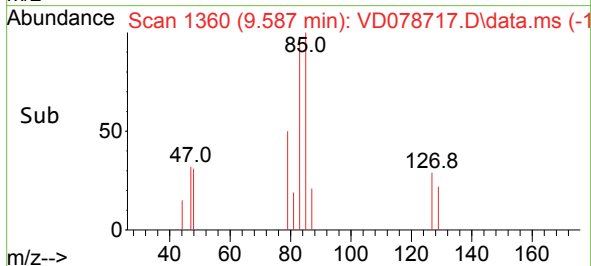
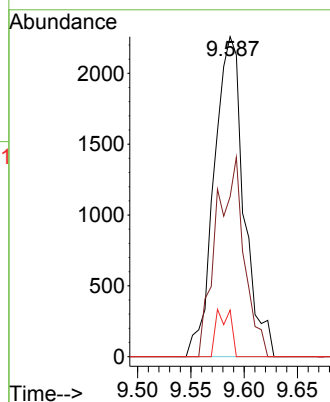
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	83	Resp:	4389
Ion	Ratio	Lower	Upper
83	100		
85	50.0	54.0	81.0#
127	14.5	7.1	10.7#



#48

Methyl methacrylate

Concen: 2.643 ug/l

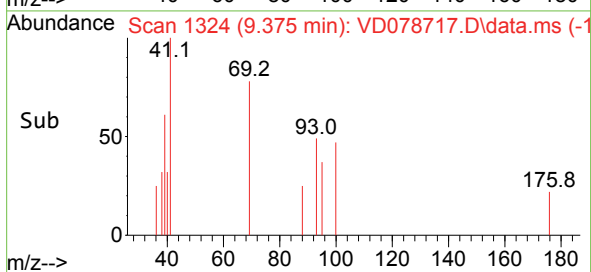
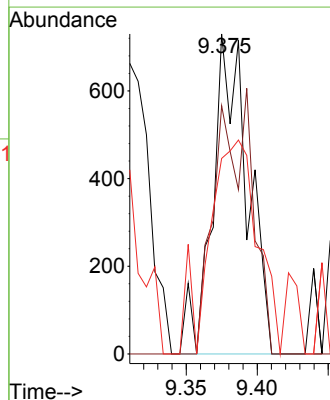
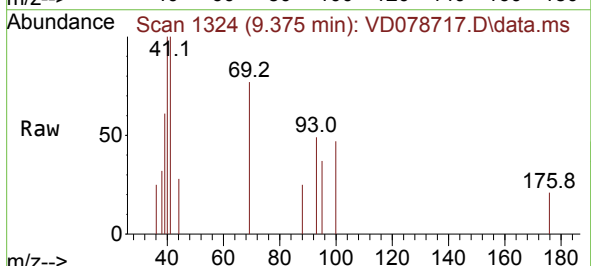
RT: 9.375 min Scan# 1324

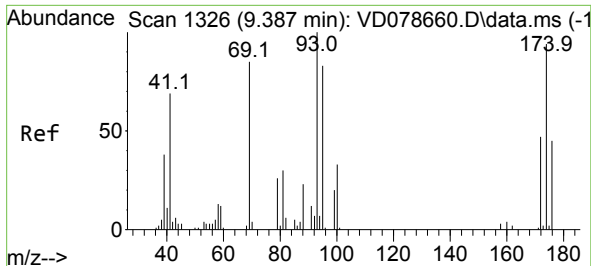
Delta R.T. -0.006 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

Tgt Ion:	41	Resp:	1248
Ion	Ratio	Lower	Upper
41	100		
69	86.1	88.3	132.5#
39	93.1	46.6	69.8#





#49

1,4-Dioxane

Concen: 9.857 ug/l

RT: 9.375 min Scan# 11

Delta R.T. -0.012 min

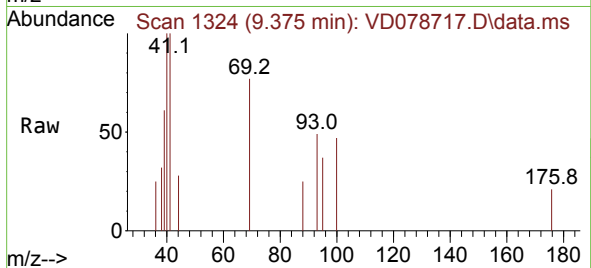
Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

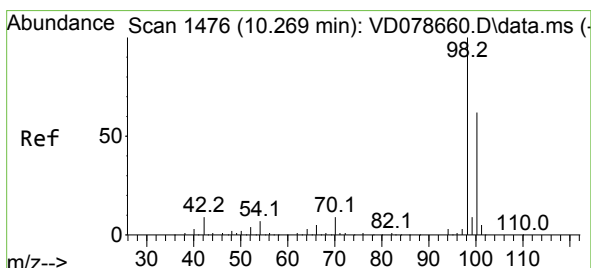
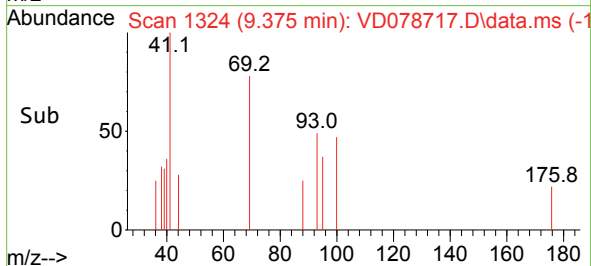
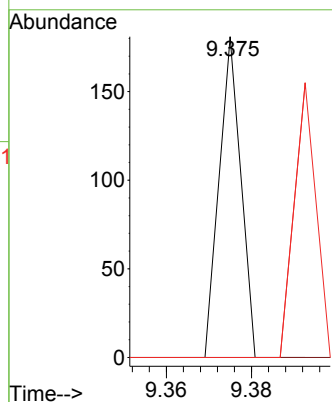
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	88	Resp:	64
Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	85.9	51.0	76.6#



#50

Toluene-d8

Concen: 50.915 ug/l

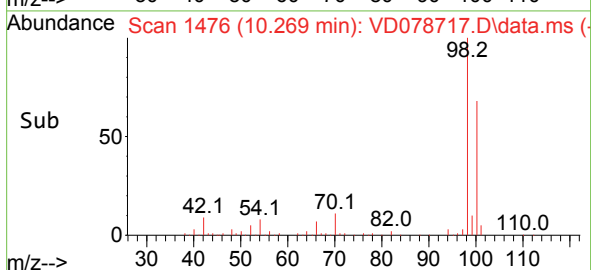
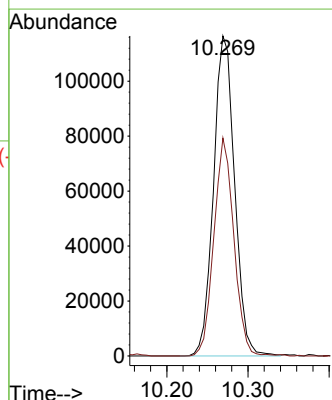
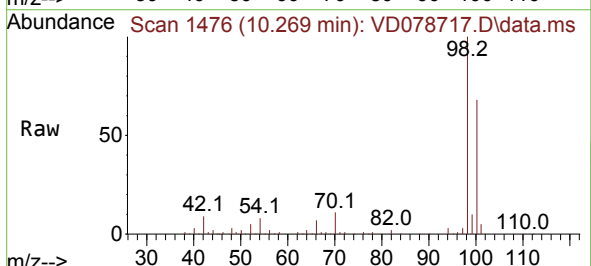
RT: 10.269 min Scan# 1476

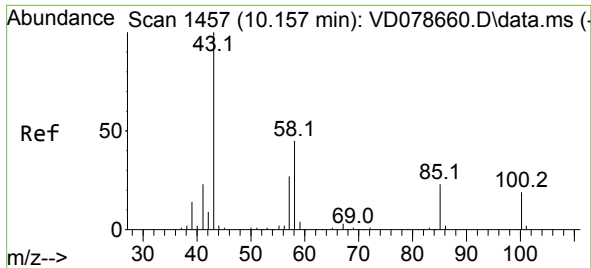
Delta R.T. -0.000 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

Tgt Ion:	98	Resp:	210524
Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.5	75.7

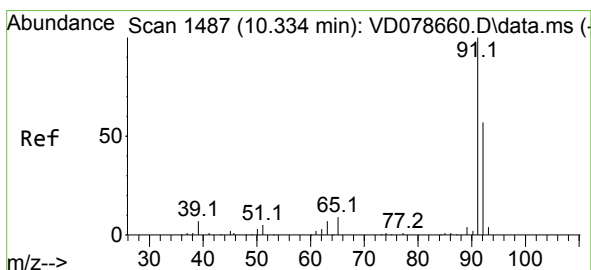
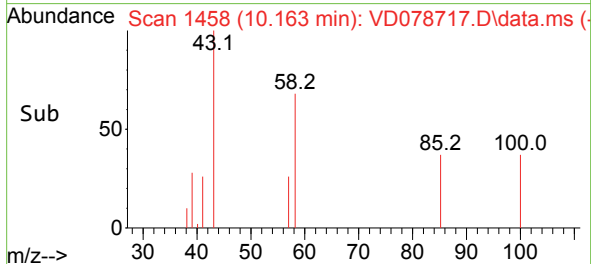
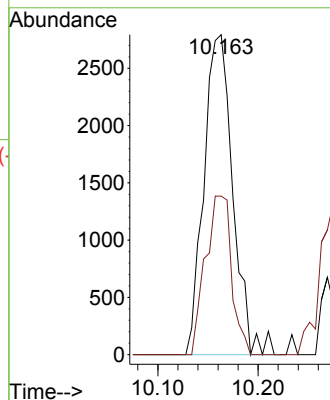
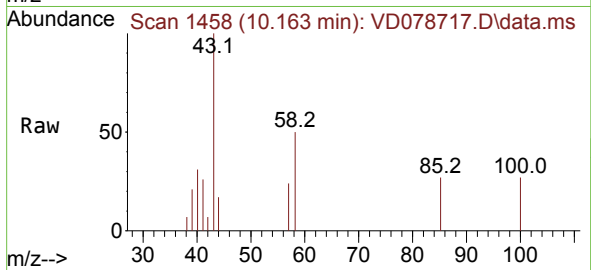




#51
4-Methyl-2-Pentanone
Concen: 11.068 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

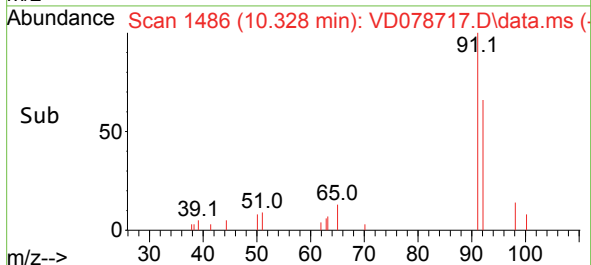
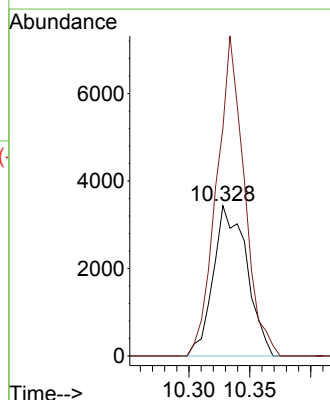
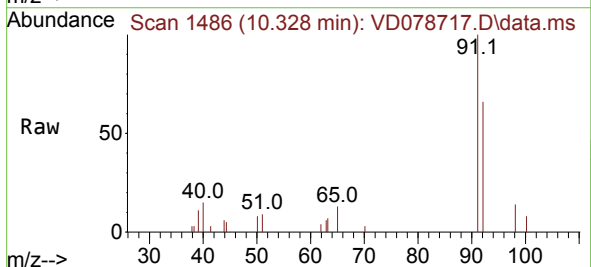
Instrument :
MSVOA_D
ClientSampleId :

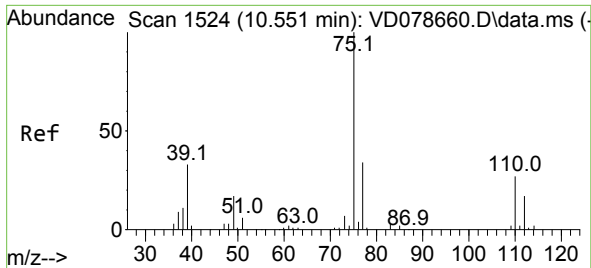
Tgt Ion: 43 Resp: 5608
Ion Ratio Lower Upper
43 100
58 44.8 36.4 54.6



#52
Toluene
Concen: 2.070 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Tgt Ion: 92 Resp: 6573
Ion Ratio Lower Upper
92 100
91 176.3 136.6 205.0

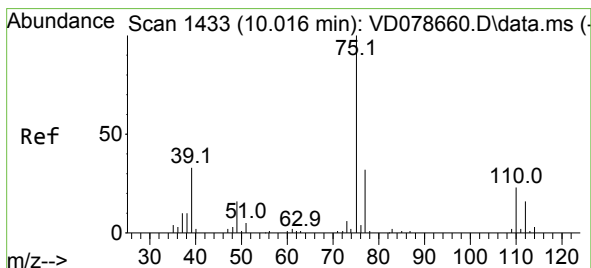
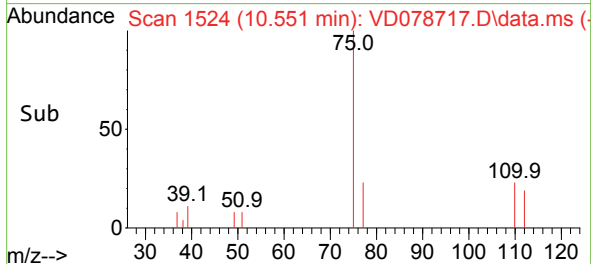
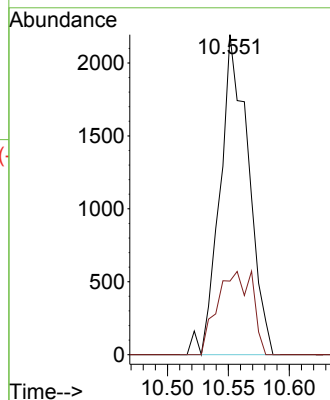
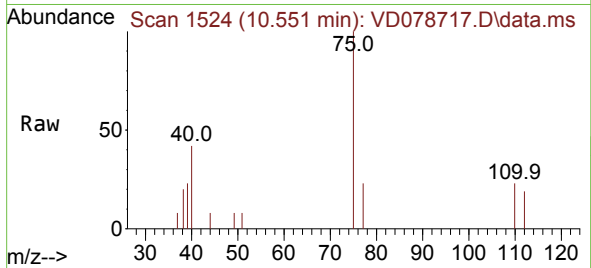




#53
 t-1,3-Dichloropropene
 Concen: 2.339 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD078717.D
 Acq: 20 Mar 2024 13:59

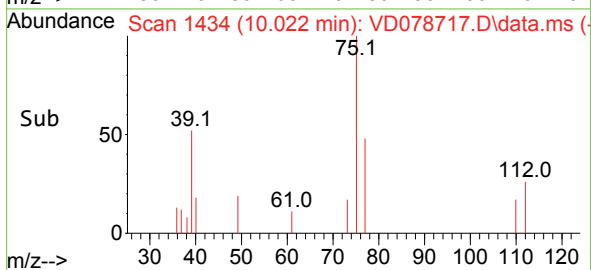
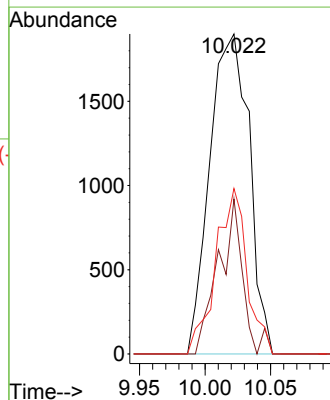
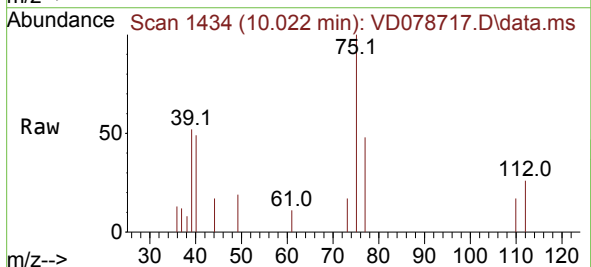
Instrument :
 MSVOA_D
 ClientSampleId :

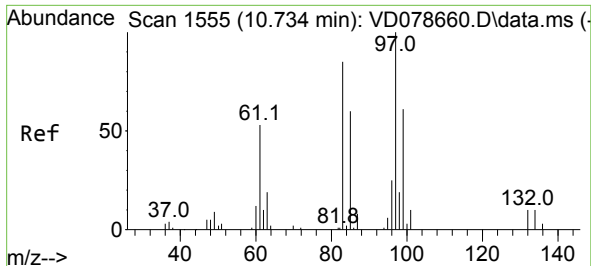
Tgt Ion: 75 Resp: 3570
 Ion Ratio Lower Upper
 75 100
 77 23.0 27.1 40.7#



#54
 cis-1,3-Dichloropropene
 Concen: 2.165 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD078717.D
 Acq: 20 Mar 2024 13:59

Tgt Ion: 75 Resp: 3973
 Ion Ratio Lower Upper
 75 100
 77 48.5 25.4 38.0#
 39 51.7 26.7 40.1#



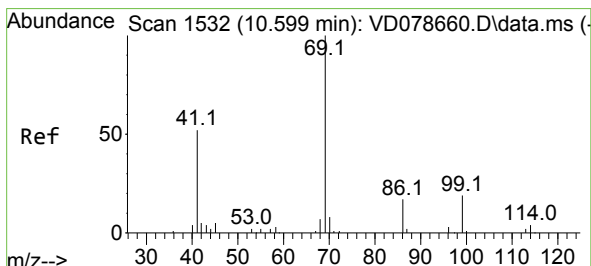
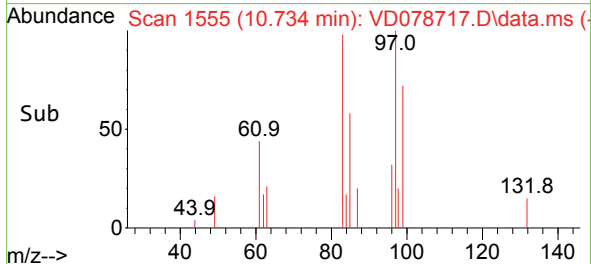
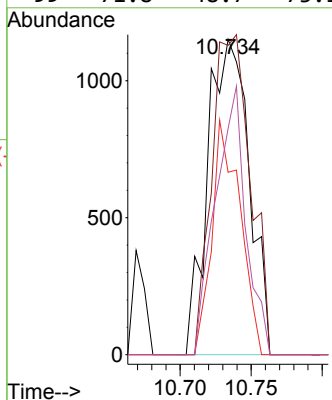
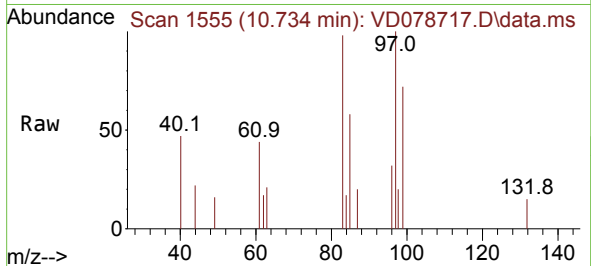


#55
1,1,2-Trichloroethane
Concen: 2.492 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 97 Resp: 2340

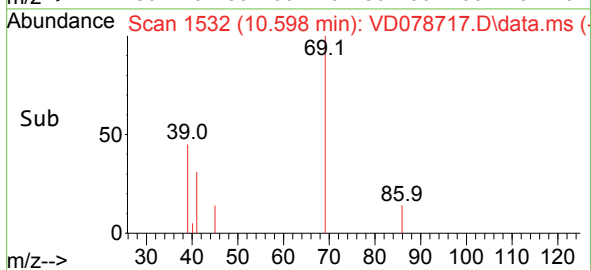
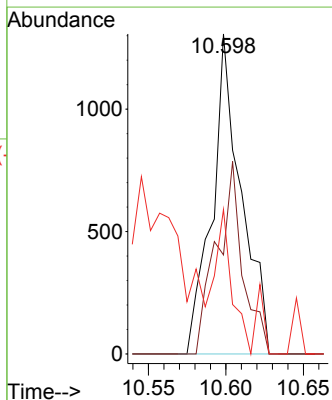
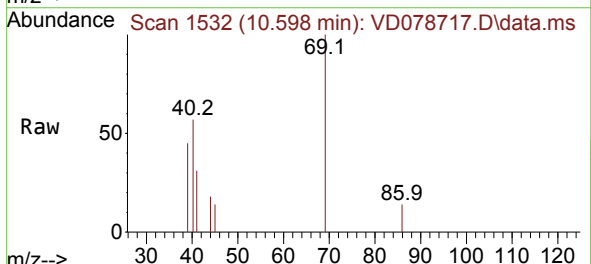
Ion	Ratio	Lower	Upper
97	100		
83	98.1	68.1	102.1
85	57.9	48.2	72.2
99	71.8	48.7	73.1

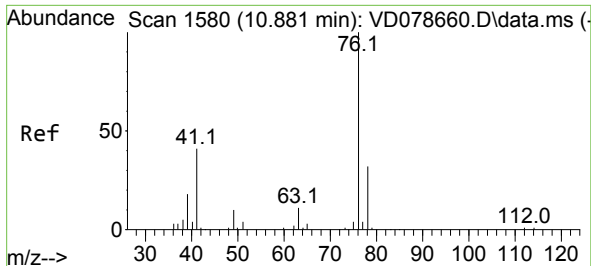


#56
Ethyl methacrylate
Concen: 1.812 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Tgt Ion: 69 Resp: 1706

Ion	Ratio	Lower	Upper
69	100		
41	53.9	40.9	61.3
39	26.4	25.5	38.3





#57

1,3-Dichloropropane

Concen: 2.465 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

Instrument :

MSVOA_D

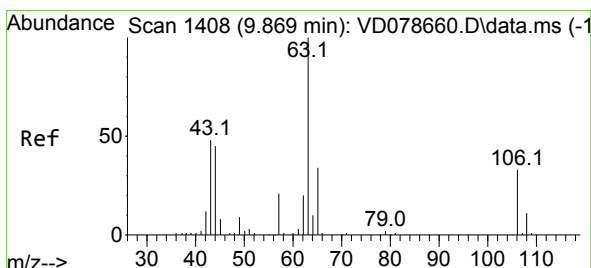
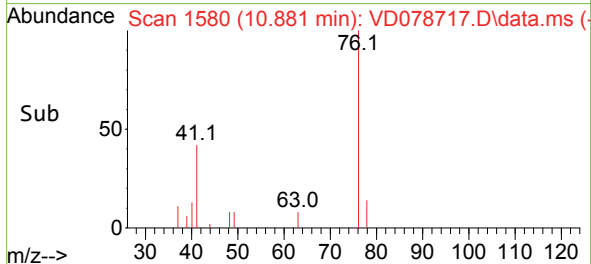
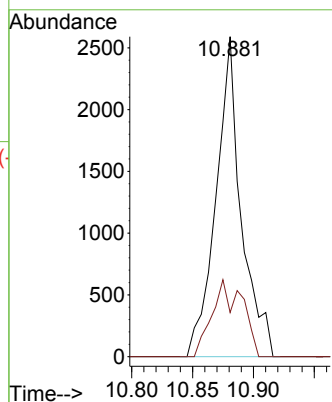
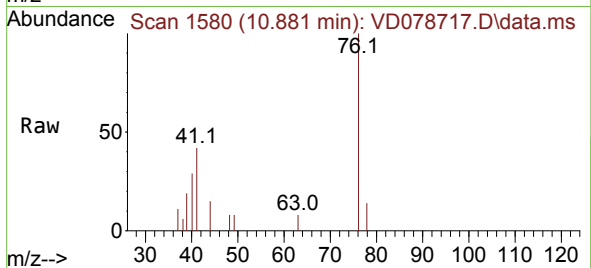
ClientSampleId :

Tgt Ion: 76 Resp: 3735

Ion Ratio Lower Upper

76 100

78 28.6 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 11.171 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078717.D

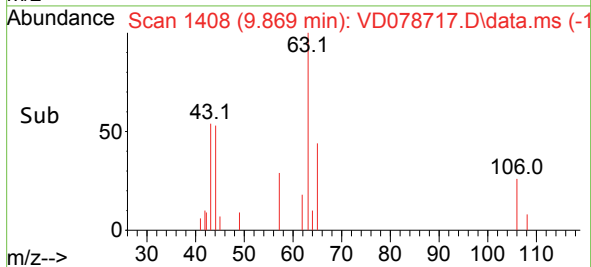
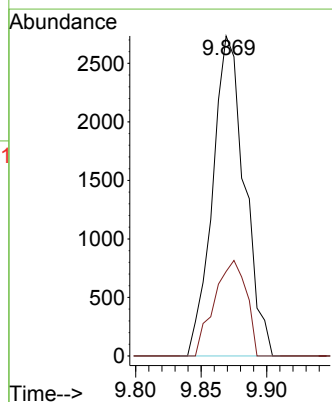
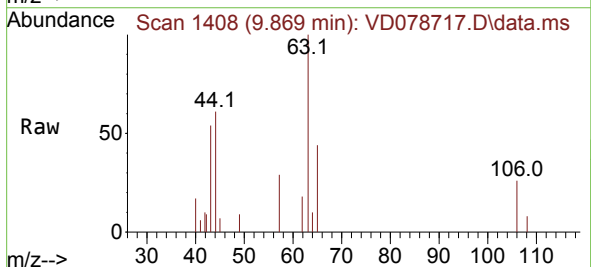
Acq: 20 Mar 2024 13:59

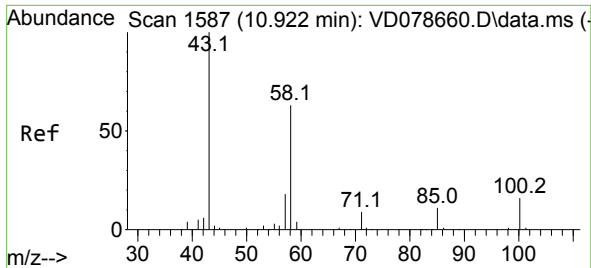
Tgt Ion: 63 Resp: 4637

Ion Ratio Lower Upper

63 100

106 29.8 25.2 37.8

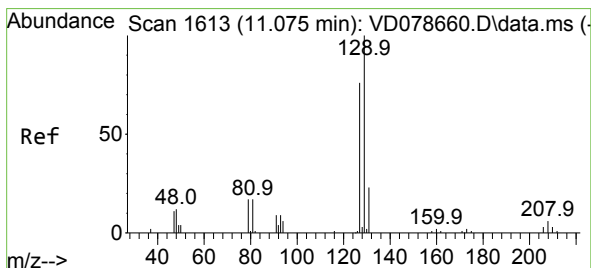
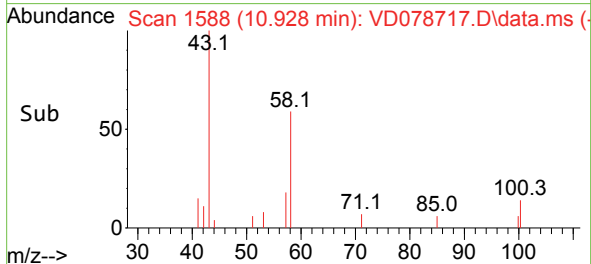
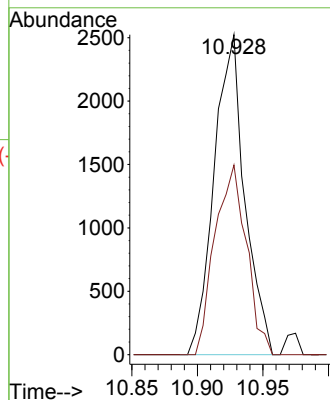
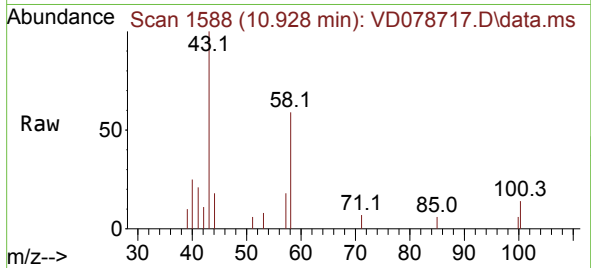




#59
2-Hexanone
Concen: 10.916 ug/l
RT: 10.928 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

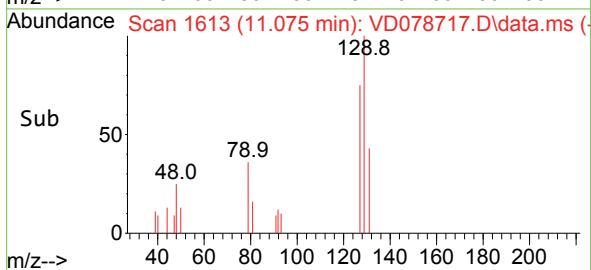
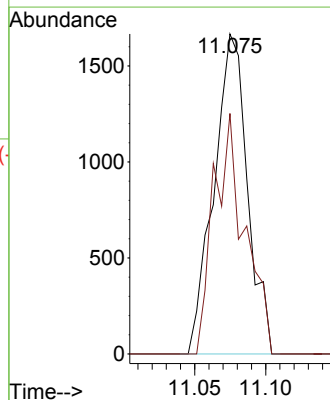
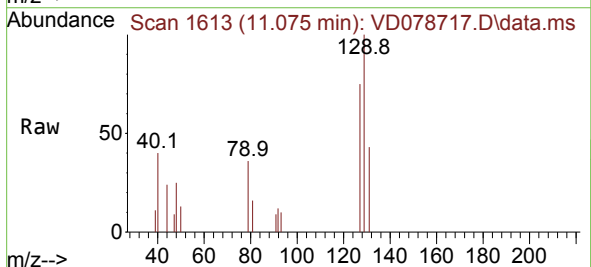
Instrument :
MSVOA_D
ClientSampleId :

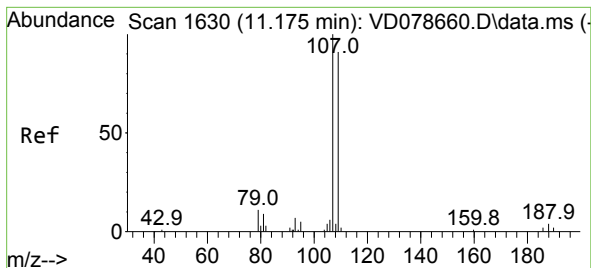
Tgt Ion: 43 Resp: 4100
Ion Ratio Lower Upper
43 100
58 61.0 31.5 94.5



#60
Dibromochloromethane
Concen: 2.370 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Tgt Ion: 129 Resp: 2744
Ion Ratio Lower Upper
129 100
127 69.6 38.8 116.3

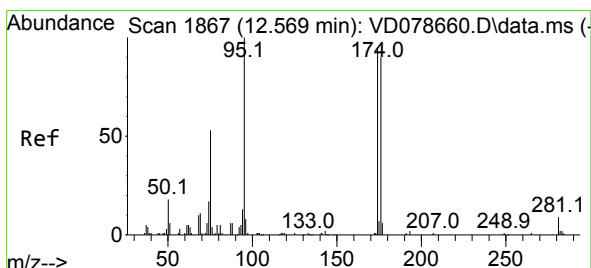
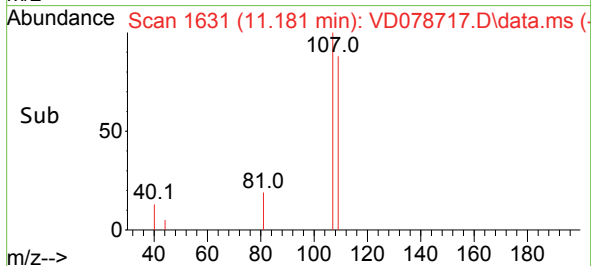
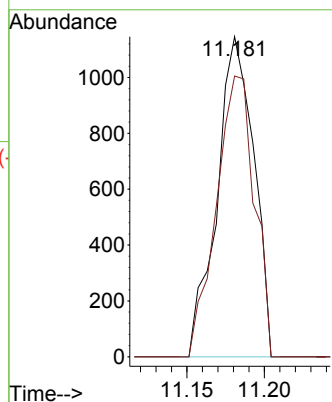
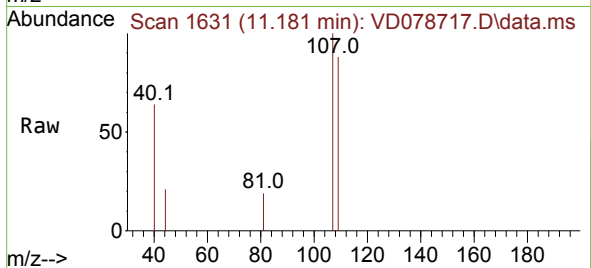




#61
1,2-Dibromoethane
Concen: 2.084 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

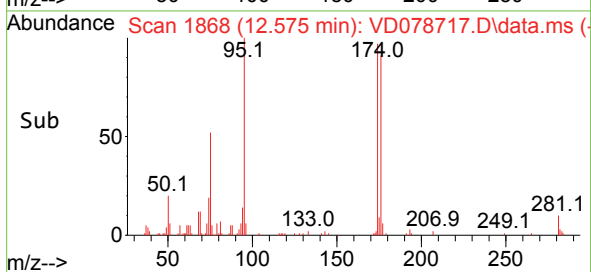
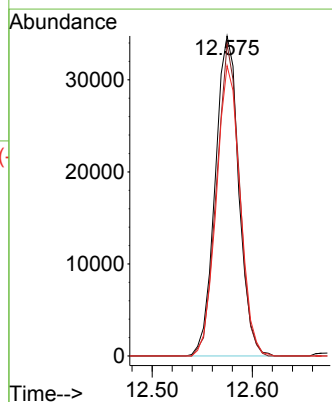
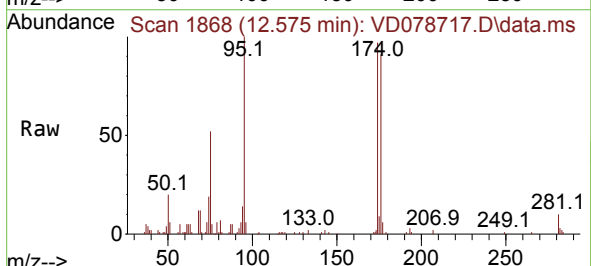
Instrument :
MSVOA_D
ClientSampleId :

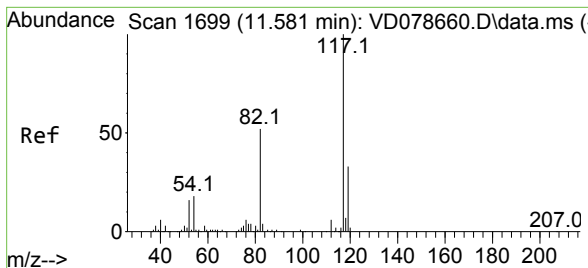
Tgt Ion:107 Resp: 1894
Ion Ratio Lower Upper
107 100
109 90.7 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 46.986 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

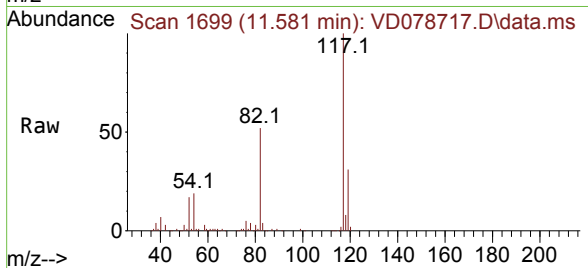
Tgt Ion: 95 Resp: 56838
Ion Ratio Lower Upper
95 100
174 93.9 0.0 195.2
176 91.3 0.0 188.2



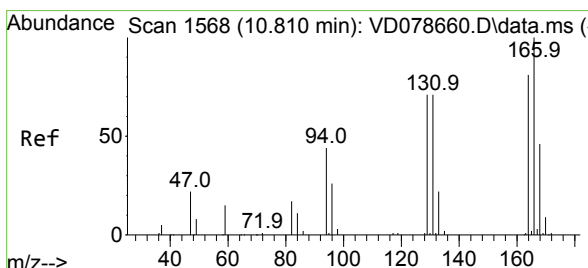
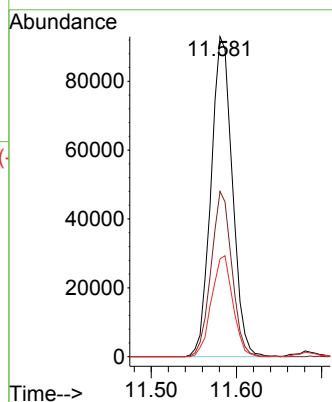
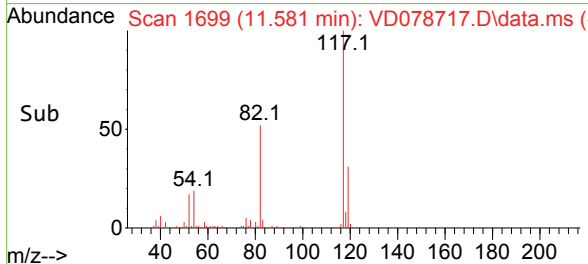


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

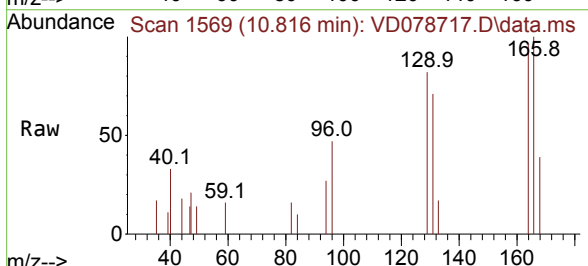
Instrument :
MSVOA_D
ClientSampleId :



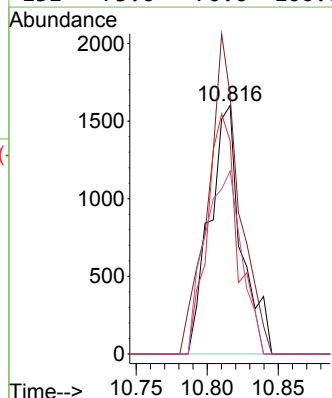
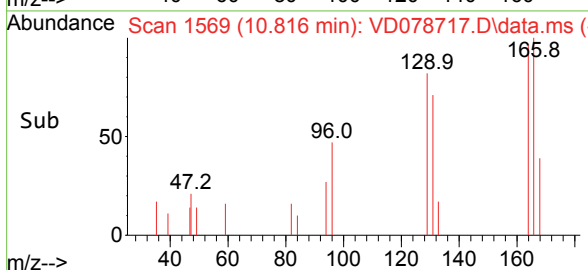
Tgt Ion:117 Resp: 161983
Ion Ratio Lower Upper
117 100
82 51.7 41.4 62.2
119 30.6 26.5 39.7

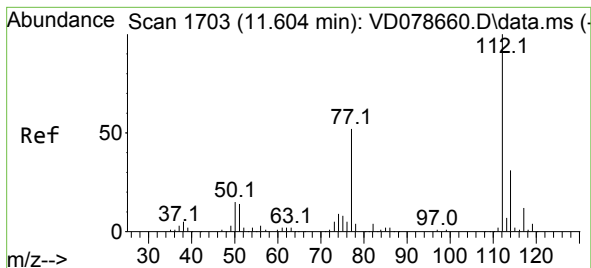


#64
Tetrachloroethene
Concen: 2.320 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59



Tgt Ion:164 Resp: 2487
Ion Ratio Lower Upper
164 100
166 104.1 98.9 148.3
129 85.7 70.3 105.5
131 73.6 70.6 106.0





#65

Chlorobenzene

Concen: 2.327 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

Instrument :

MSVOA_D

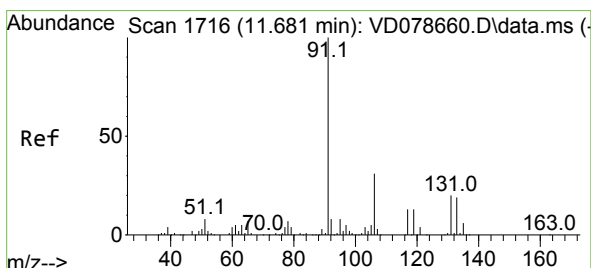
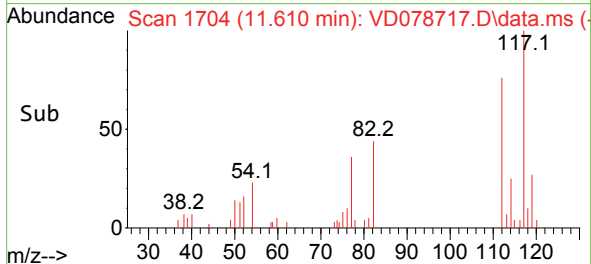
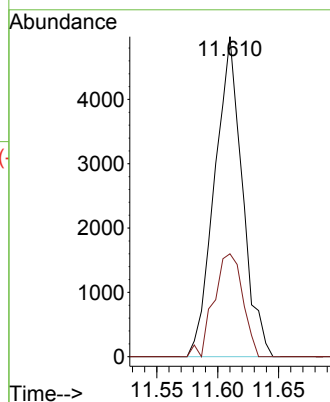
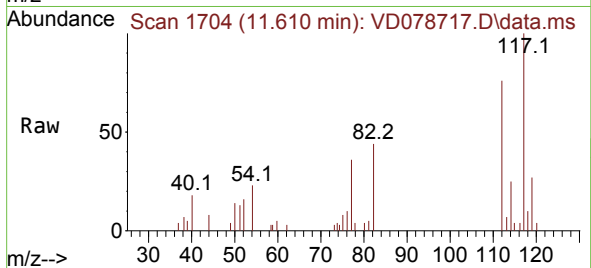
ClientSampleId :

Tgt Ion:112 Resp: 7876

Ion Ratio Lower Upper

112 100

114 32.2 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 2.571 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

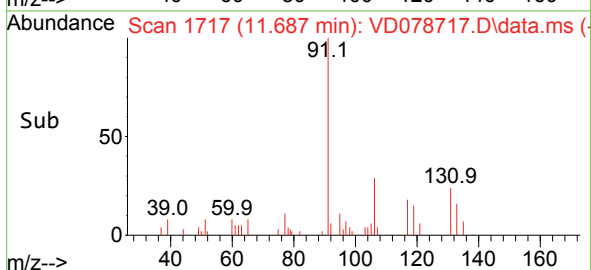
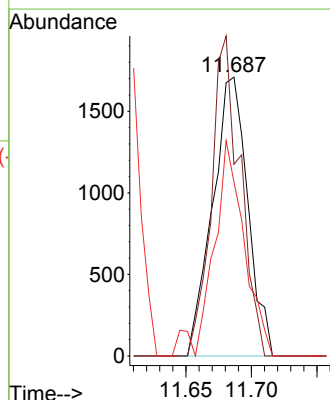
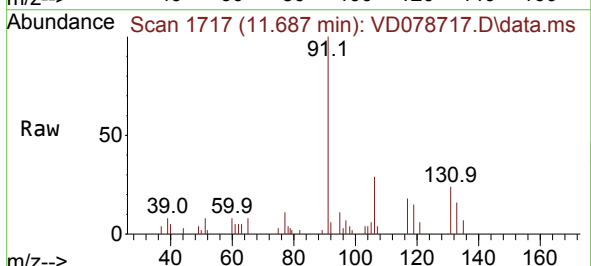
Tgt Ion:131 Resp: 3187

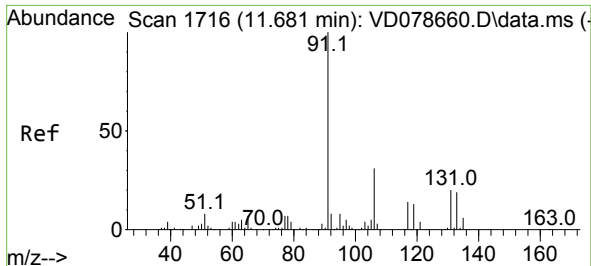
Ion Ratio Lower Upper

131 100

133 93.6 47.6 142.9

119 67.5 34.1 102.3





#67

Ethyl Benzene

Concen: 2.148 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

Instrument :

MSVOA_D

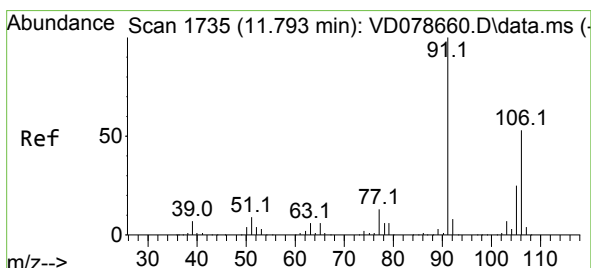
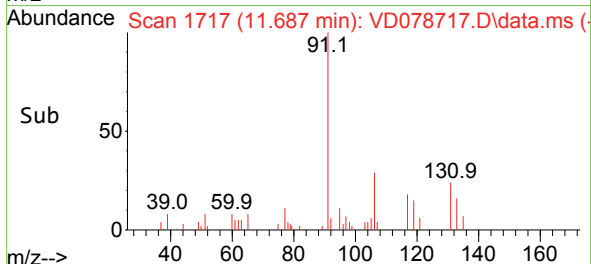
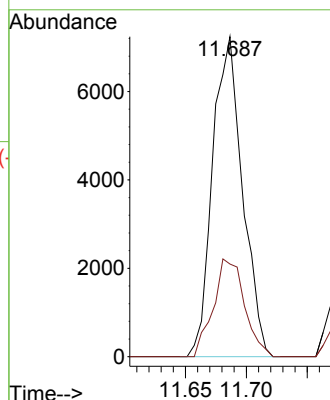
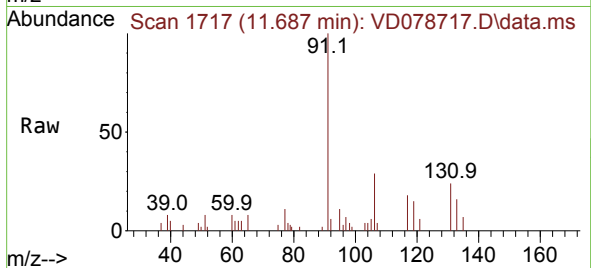
ClientSampleId :

Tgt Ion: 91 Resp: 12390

Ion Ratio Lower Upper

91 100

106 29.0 24.5 36.7



#68

m/p-Xylenes

Concen: 3.509 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078717.D

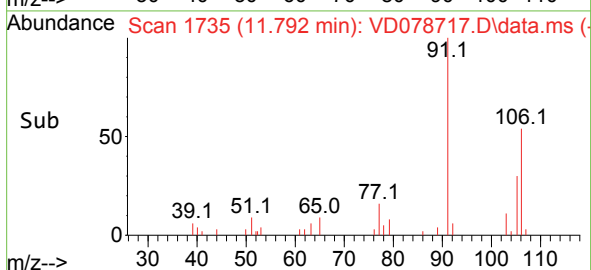
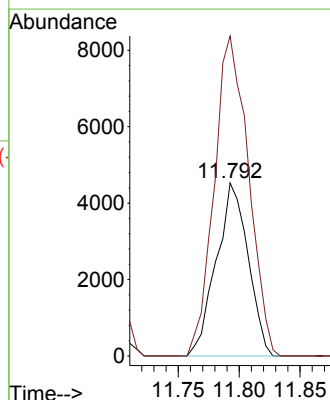
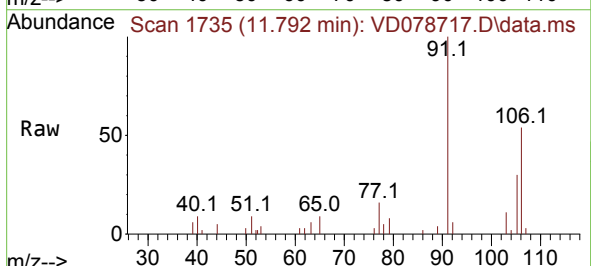
Acq: 20 Mar 2024 13:59

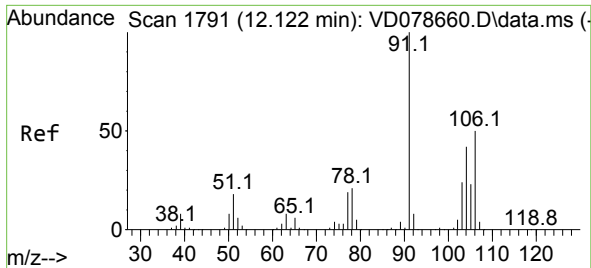
Tgt Ion: 106 Resp: 8219

Ion Ratio Lower Upper

106 100

91 199.0 154.4 231.6

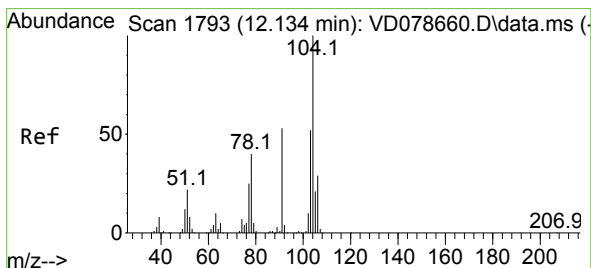
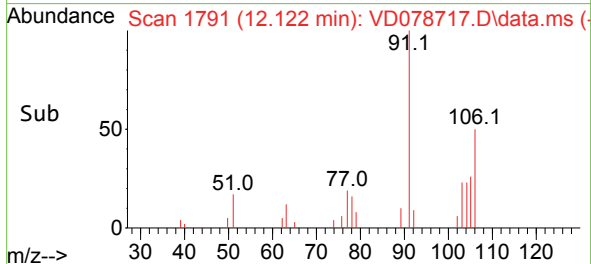
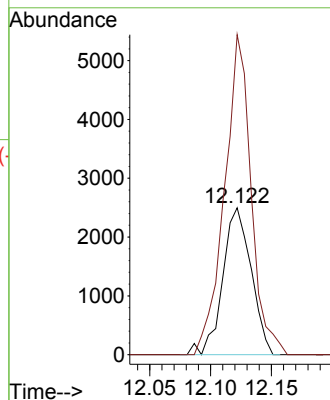
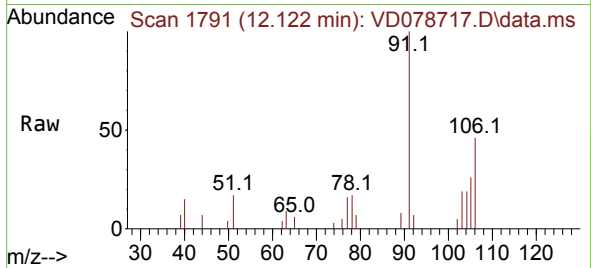




#69
o-Xylene
Concen: 1.873 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

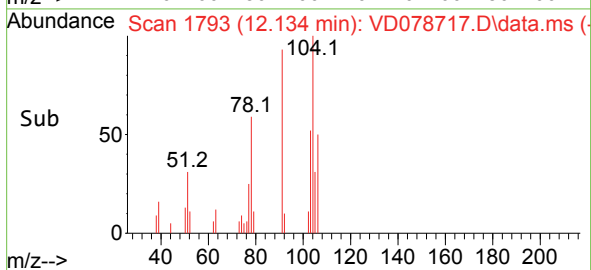
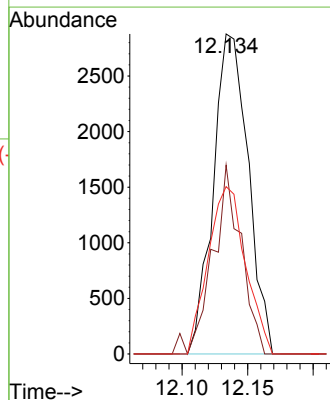
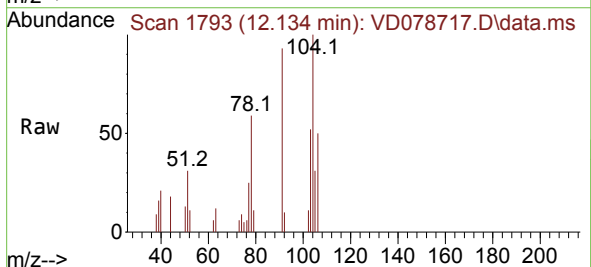
Instrument :
MSVOA_D
ClientSampleId :

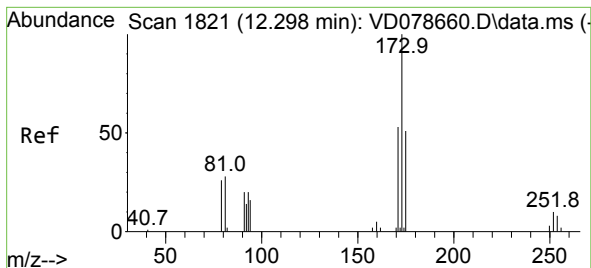
Tgt Ion:106 Resp: 4058
Ion Ratio Lower Upper
106 100
91 204.3 99.6 298.7



#70
Styrene
Concen: 1.466 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Tgt Ion:104 Resp: 5334
Ion Ratio Lower Upper
104 100
78 48.1 34.6 52.0
103 56.0 44.2 66.2





#71

Bromoform

Concen: 2.593 ug/l

RT: 12.292 min Scan# 1821

Delta R.T. -0.006 min

Lab File: VD078717.D

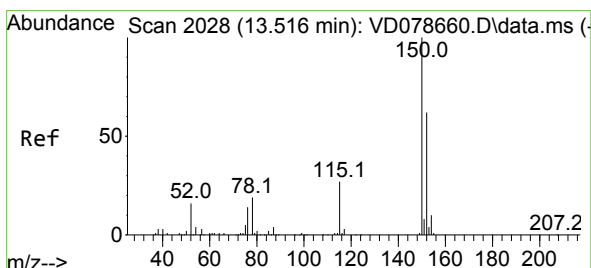
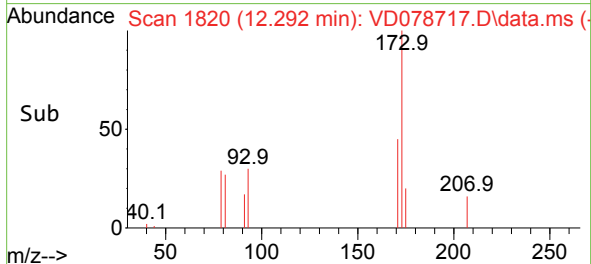
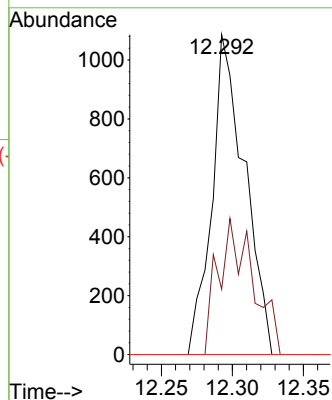
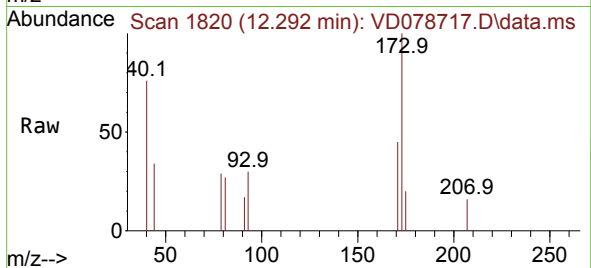
Acq: 20 Mar 2024 13:59

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	1737
Ion Ratio	Lower	Upper
173	100	
175	45.4	25.8 77.4
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

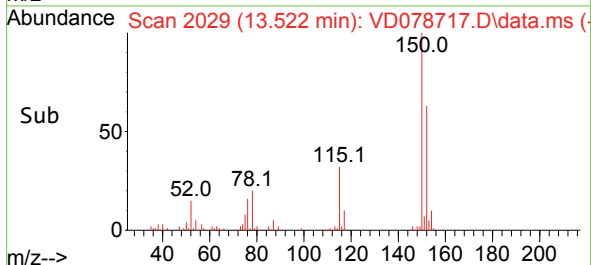
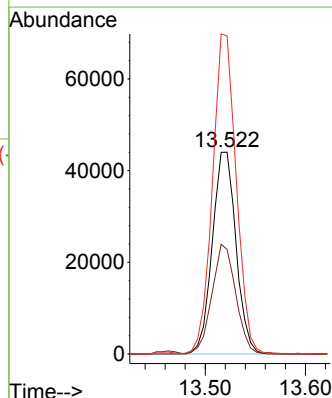
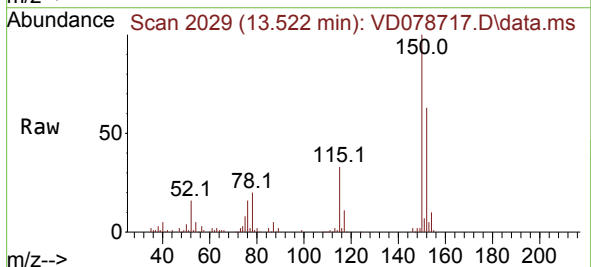
RT: 13.522 min Scan# 2029

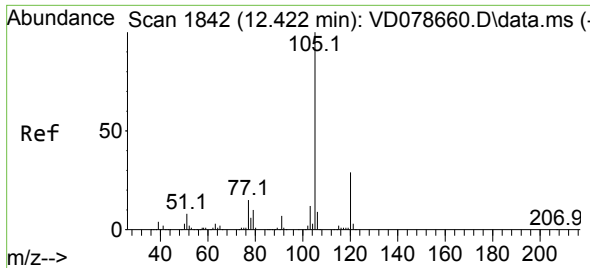
Delta R.T. 0.006 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

Tgt Ion:152	Resp:	72336
Ion Ratio	Lower	Upper
152	100	
115	54.5	27.1 81.2
150	158.5	0.0 350.2

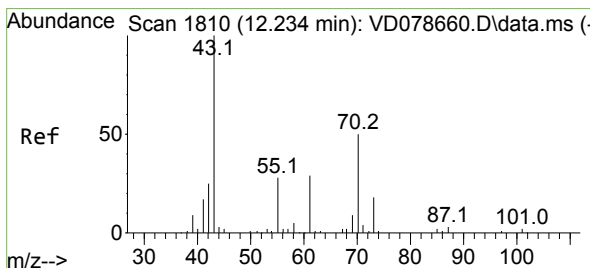
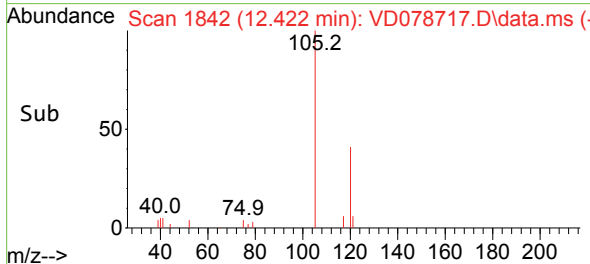
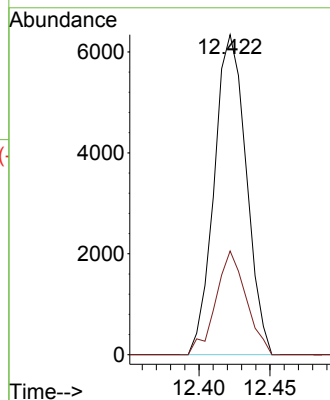
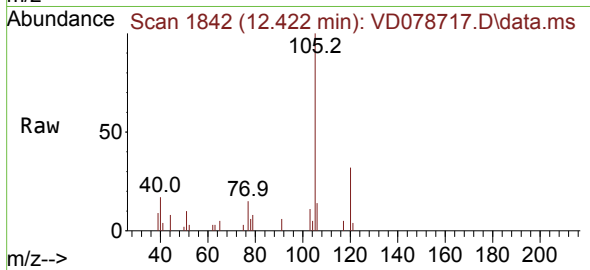




#73
Isopropylbenzene
Concen: 2.086 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

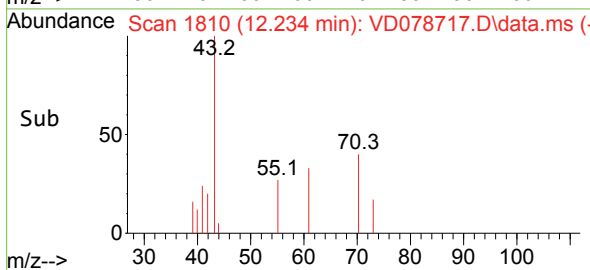
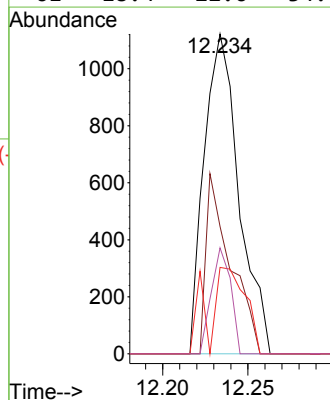
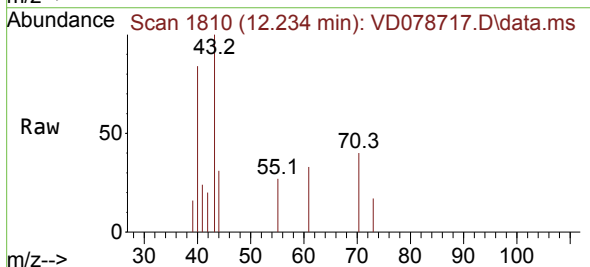
Instrument :
MSVOA_D
ClientSampleId :

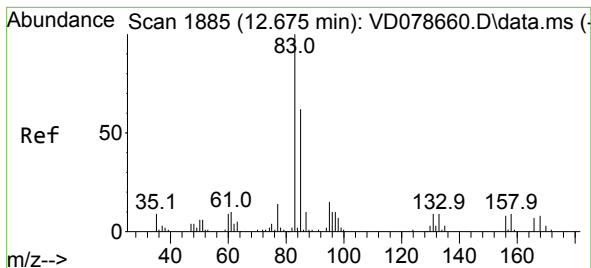
Tgt Ion:105 Resp: 9935
Ion Ratio Lower Upper
105 100
120 30.8 13.7 41.0



#74
N-ethyl acetate
Concen: 2.061 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Tgt Ion: 43 Resp: 1594
Ion Ratio Lower Upper
43 100
70 39.8 42.1 63.1#
55 28.9 22.6 33.8
61 18.4 22.6 34.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 3.031 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

Instrument :

MSVOA_D

ClientSampleId :

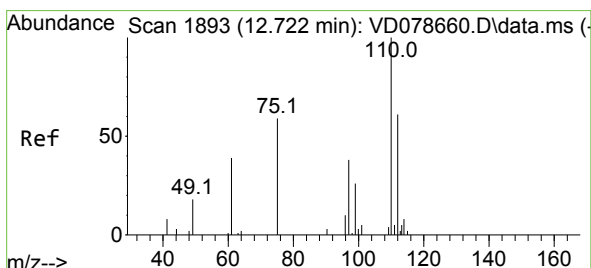
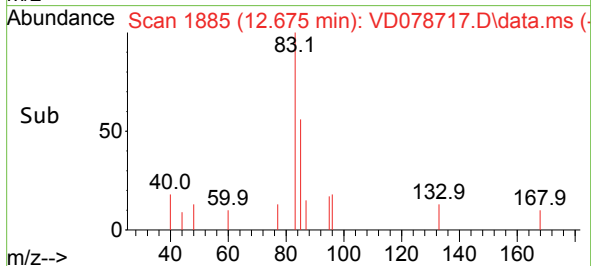
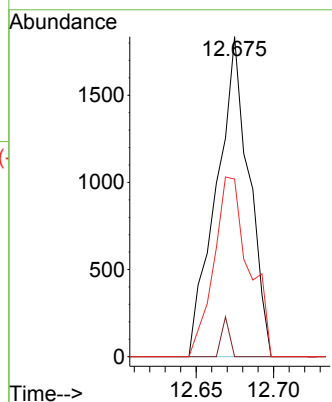
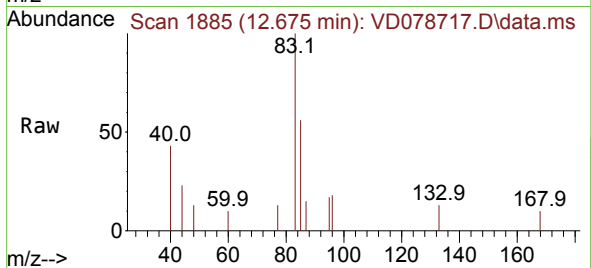
Tgt Ion: 83 Resp: 2672

Ion Ratio Lower Upper

83 100

131 3.0 4.9 14.7#

85 60.9 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 3.363 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD078717.D

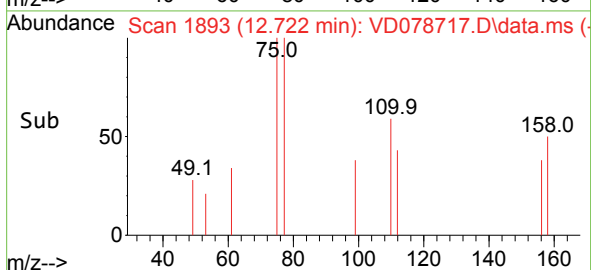
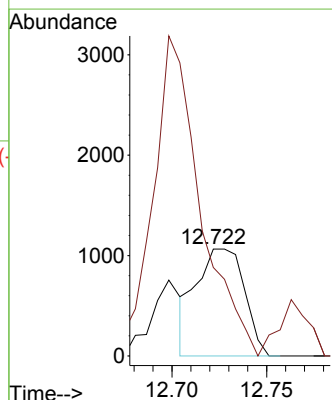
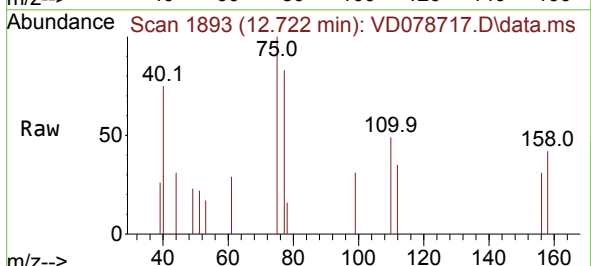
Acq: 20 Mar 2024 13:59

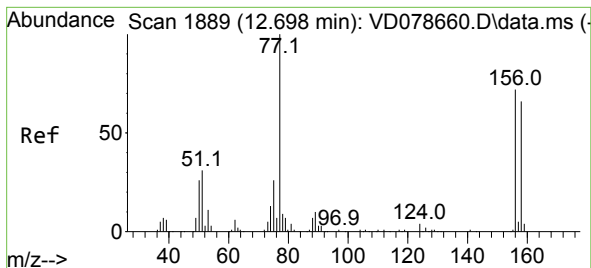
Tgt Ion: 75 Resp: 1874

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.682 ug/l

RT: 12.710 min Scan# 1889

Delta R.T. 0.012 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

Instrument :

MSVOA_D

ClientSampleId :

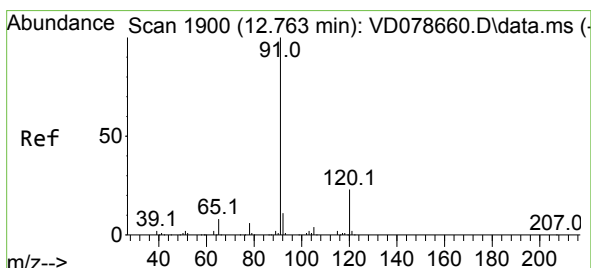
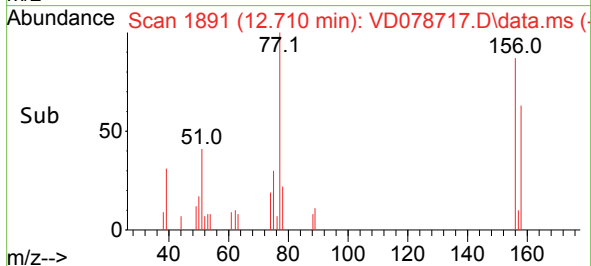
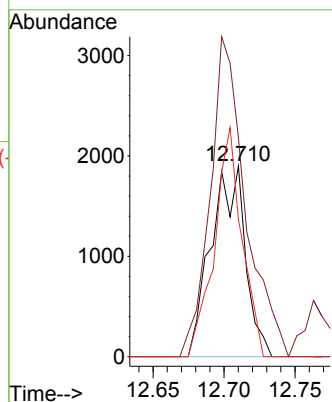
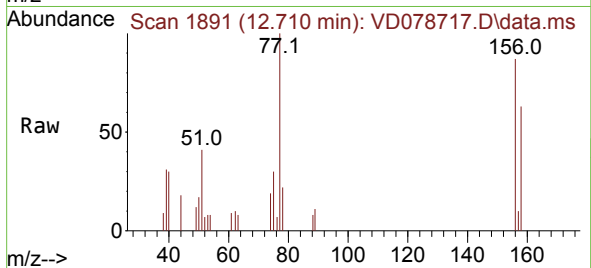
Tgt Ion:156 Resp: 3168

Ion Ratio Lower Upper

156 100

77 174.0 79.1 237.3

158 96.7 47.0 141.0



#78

n-propylbenzene

Concen: 2.265 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078717.D

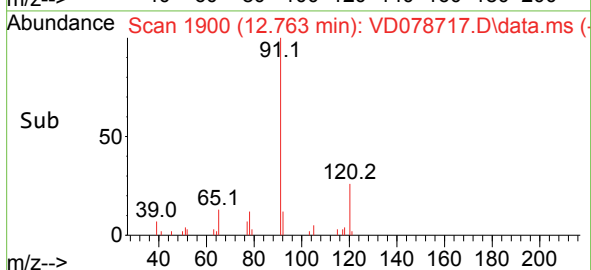
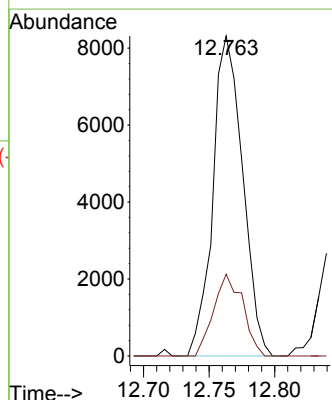
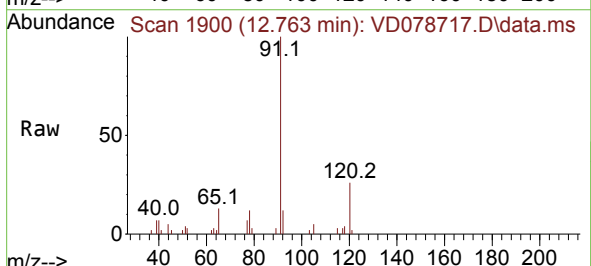
Acq: 20 Mar 2024 13:59

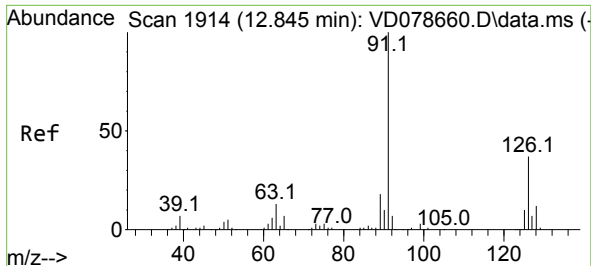
Tgt Ion: 91 Resp: 13128

Ion Ratio Lower Upper

91 100

120 25.0 11.7 35.1

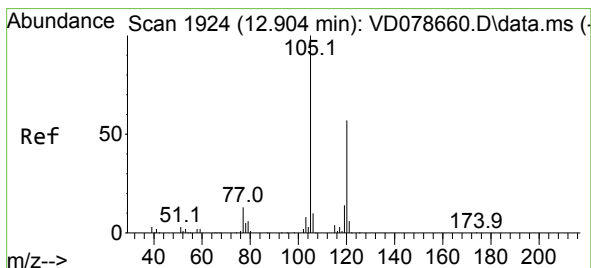
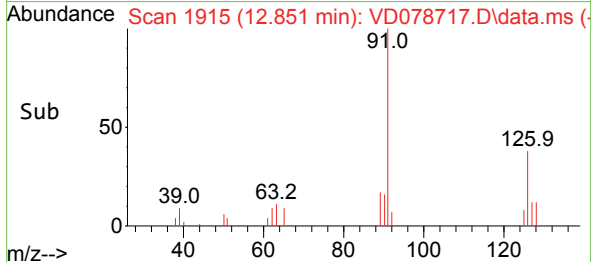
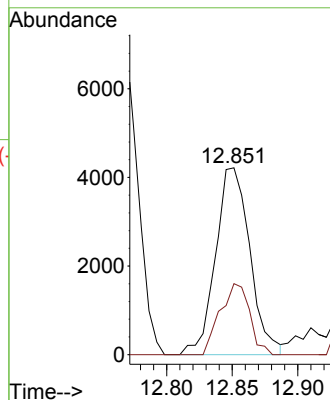
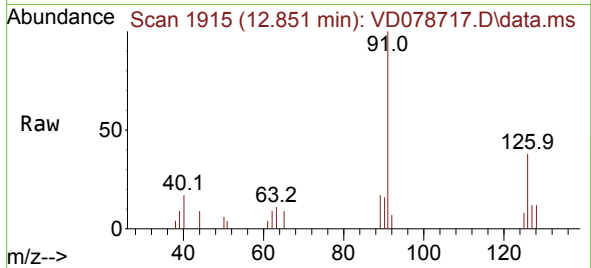




#79
2-Chlorotoluene
Concen: 2.420 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

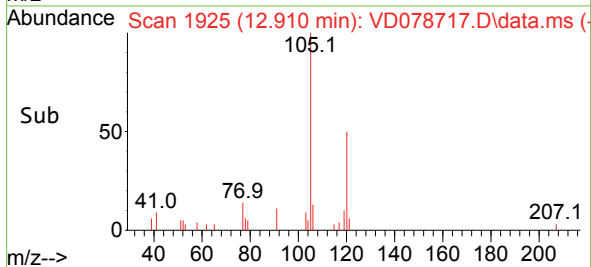
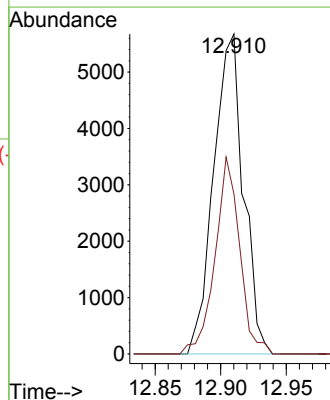
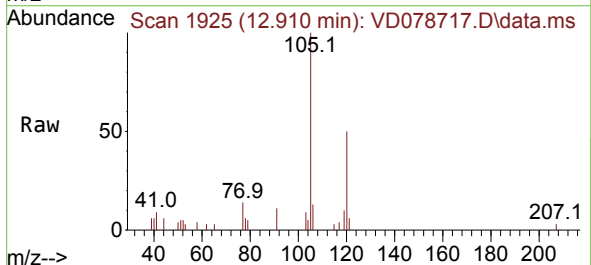
Instrument :
MSVOA_D
ClientSampleId :

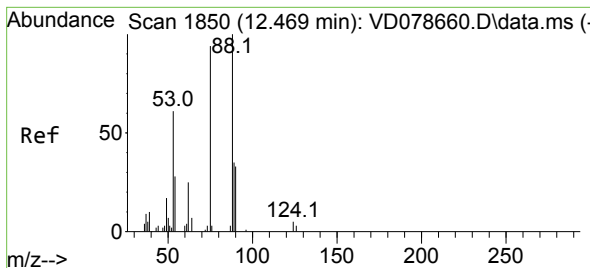
Tgt Ion: 91 Resp: 7697
Ion Ratio Lower Upper
91 100
126 32.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 2.278 ug/l
RT: 12.910 min Scan# 1925
Delta R.T. 0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Tgt Ion: 105 Resp: 8973
Ion Ratio Lower Upper
105 100
120 50.7 25.9 77.7

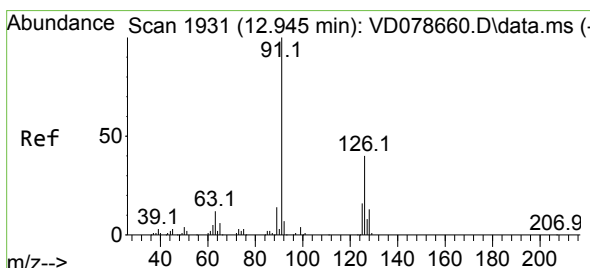
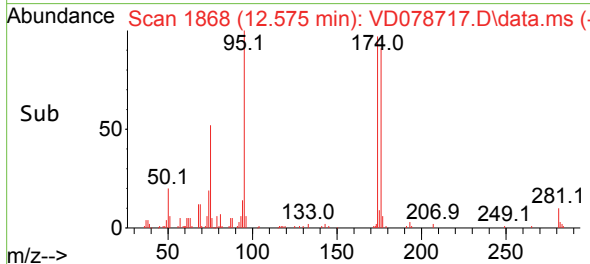
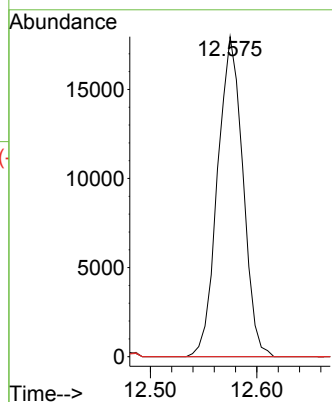
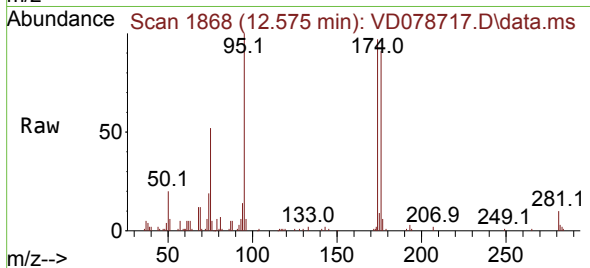




#81
trans-1,4-Dichloro-2-butene
Concen: 111.566 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

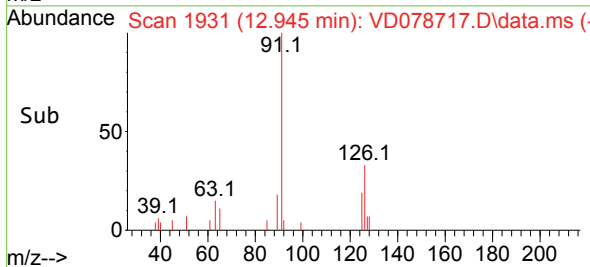
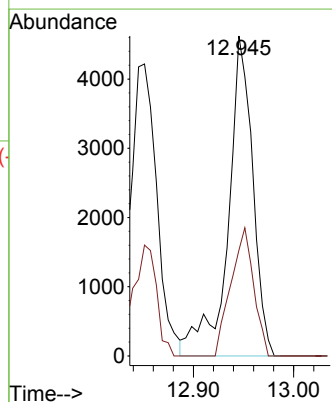
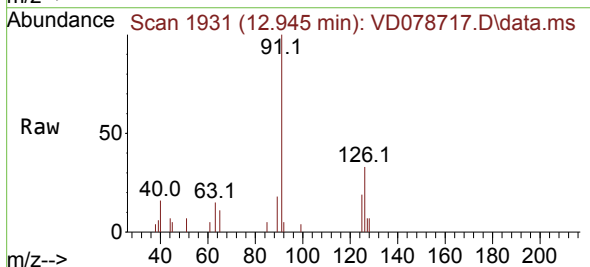
Instrument :
MSVOA_D
ClientSampleId :

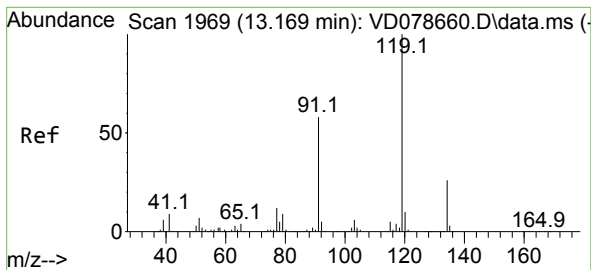
Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#



#82
4-Chlorotoluene
Concen: 2.338 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.1	18.9	56.5





#83

tert-Butylbenzene

Concen: 2.236 ug/l

RT: 13.175 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD078717.D

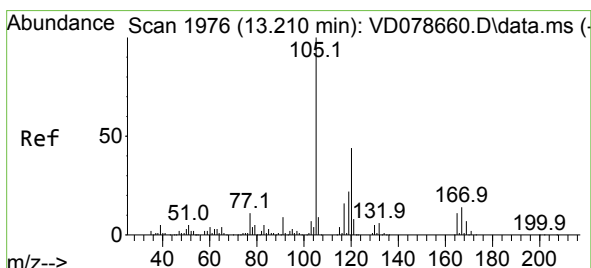
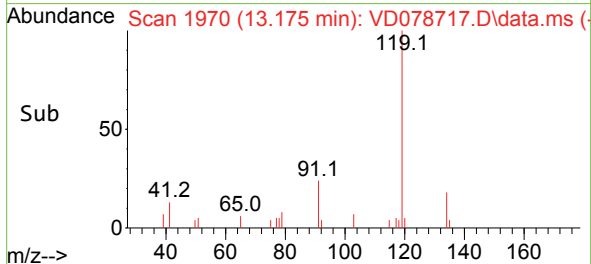
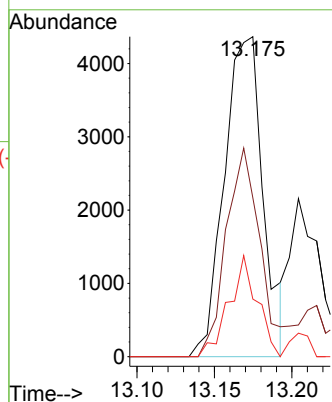
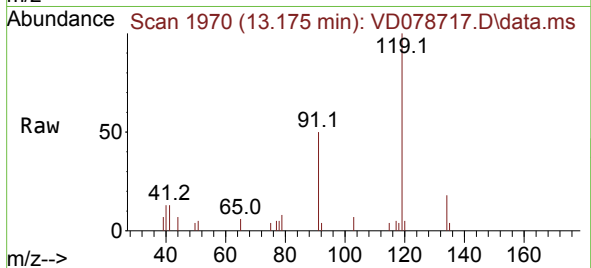
Acq: 20 Mar 2024 13:59

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:119	Resp:	7595
Ion Ratio	Lower	Upper
119	100	
91	56.3	28.9 86.7
134	23.0	13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 1.918 ug/l

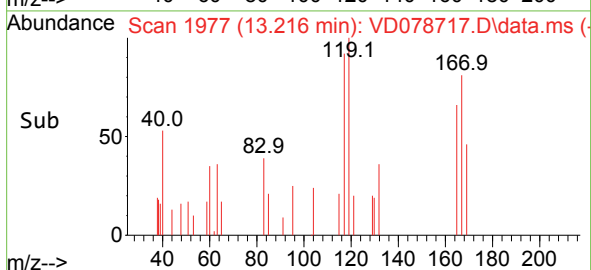
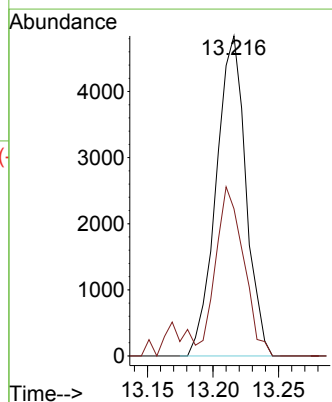
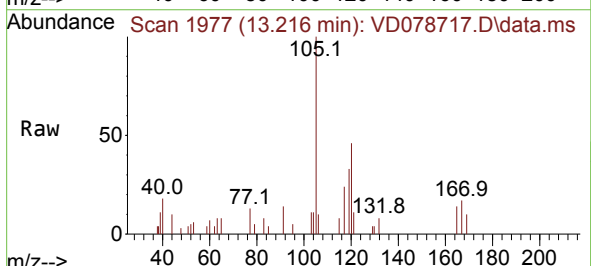
RT: 13.216 min Scan# 1977

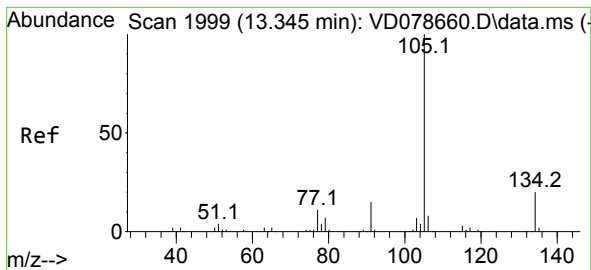
Delta R.T. 0.006 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

Tgt Ion:105	Resp:	7613
Ion Ratio	Lower	Upper
105	100	
120	50.0	23.1 69.2





#85

sec-Butylbenzene

Concen: 2.165 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

Instrument :

MSVOA_D

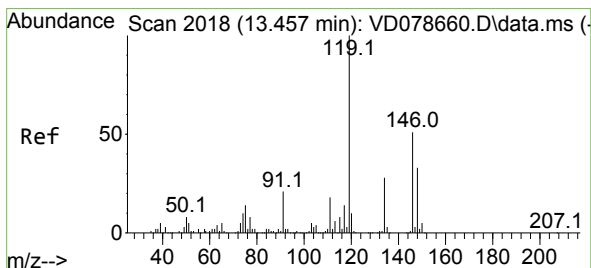
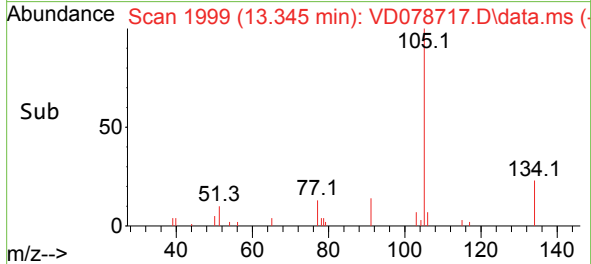
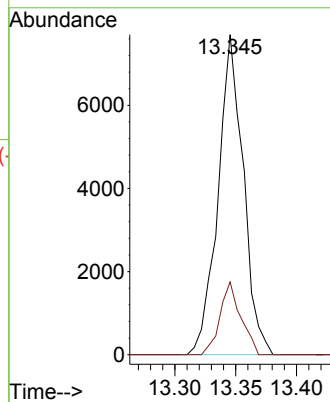
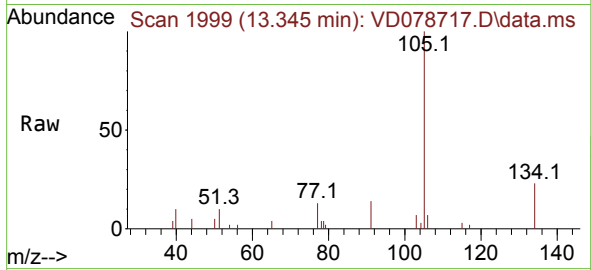
ClientSampleId :

Tgt Ion:105 Resp: 11125

Ion Ratio Lower Upper

105 100

134 18.7 10.4 31.2



#86

p-Isopropyltoluene

Concen: 2.070 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

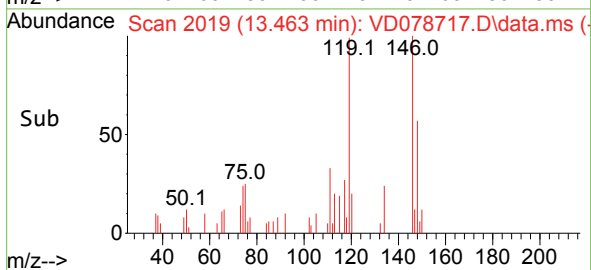
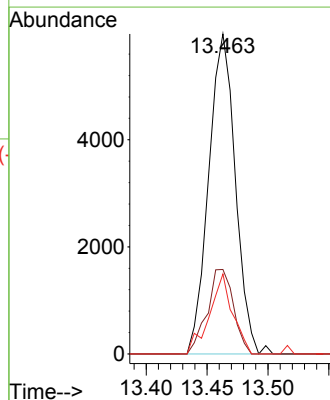
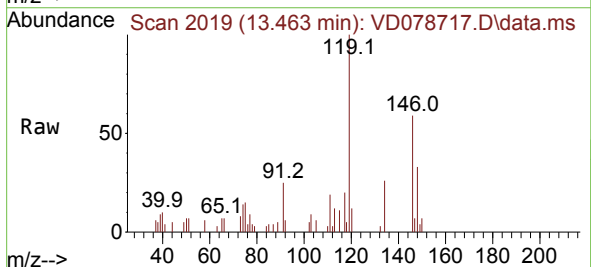
Tgt Ion:119 Resp: 9109

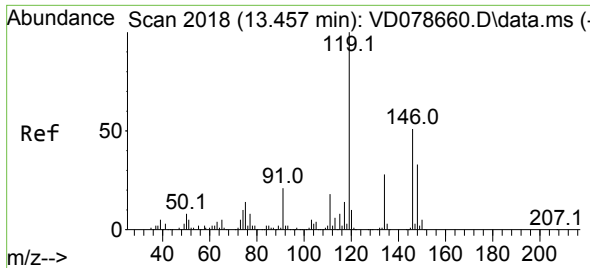
Ion Ratio Lower Upper

119 100

134 25.9 13.5 40.5

91 21.8 10.4 31.2

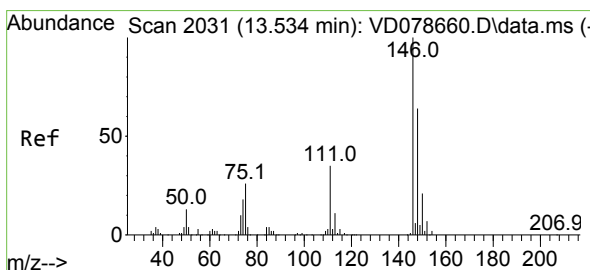
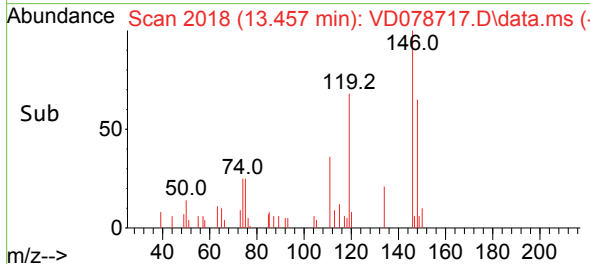
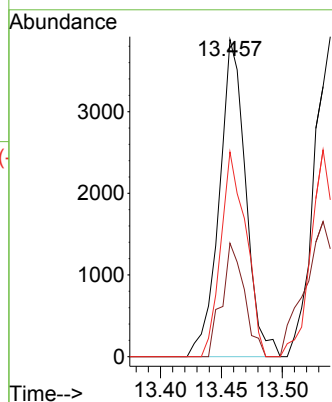
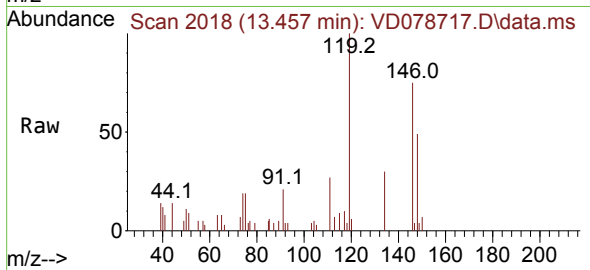




#87
1,3-Dichlorobenzene
Concen: 2.353 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

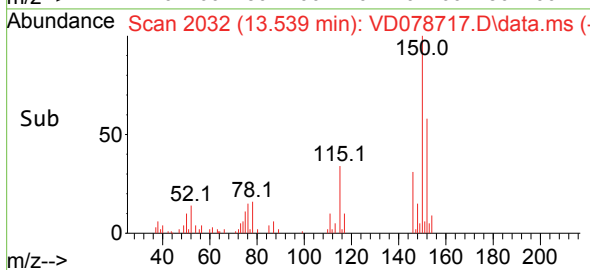
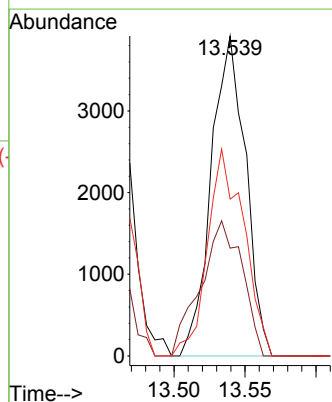
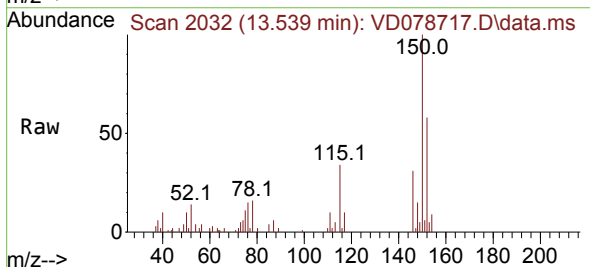
Instrument :
MSVOA_D
ClientSampleId :

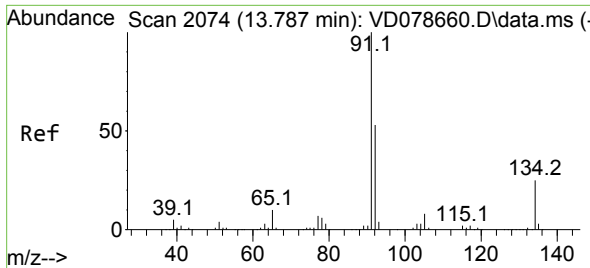
Tgt Ion:146 Resp: 5865
Ion Ratio Lower Upper
146 100
111 30.3 18.2 54.6
148 61.7 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 2.684 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Tgt Ion:146 Resp: 6593
Ion Ratio Lower Upper
146 100
111 51.2 17.8 53.3
148 68.3 32.4 97.0

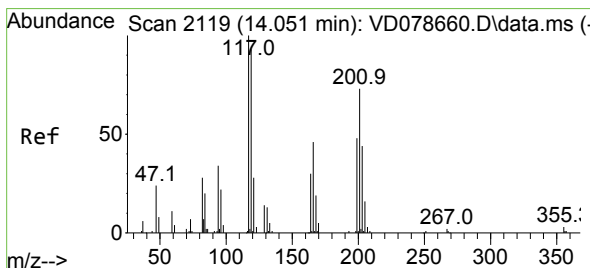
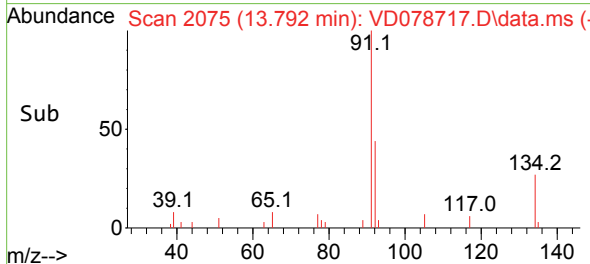
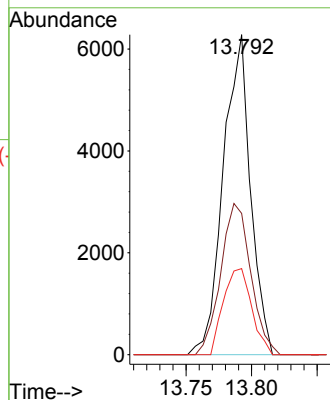
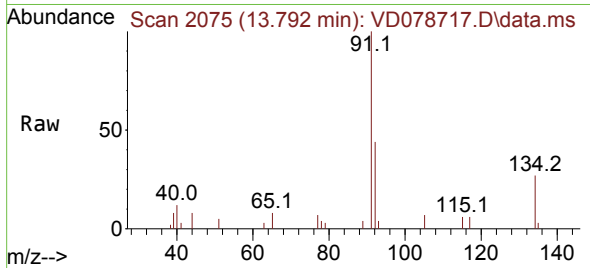




#89
n-Butylbenzene
Concen: 2.279 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

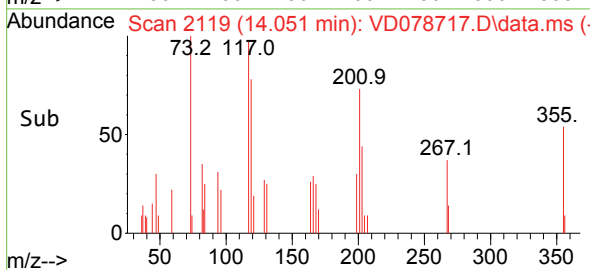
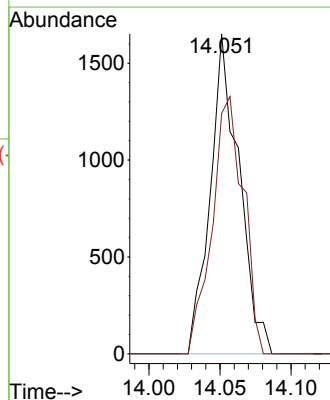
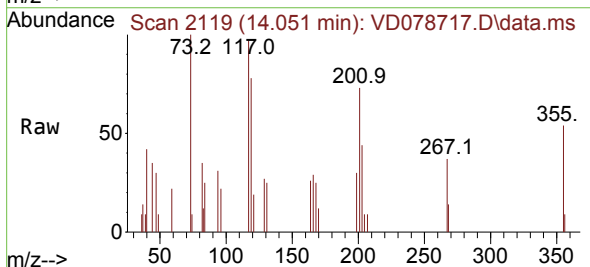
Instrument :
MSVOA_D
ClientSampleId :

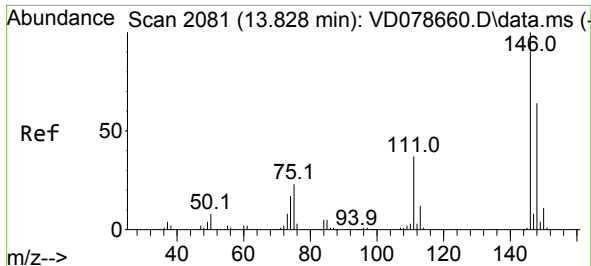
Tgt Ion: 91 Resp: 9057
Ion Ratio Lower Upper
91 100
92 52.3 26.4 79.0
134 27.9 13.0 38.9



#90
Hexachloroethane
Concen: 2.565 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Tgt Ion: 117 Resp: 2335
Ion Ratio Lower Upper
117 100
201 87.2 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 2.356 ug/l

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

Instrument :

MSVOA_D

ClientSampleId :

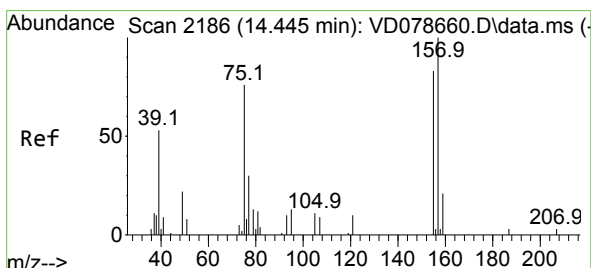
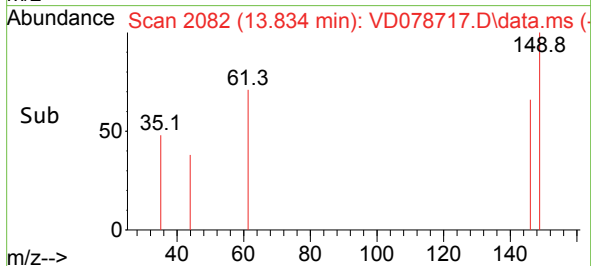
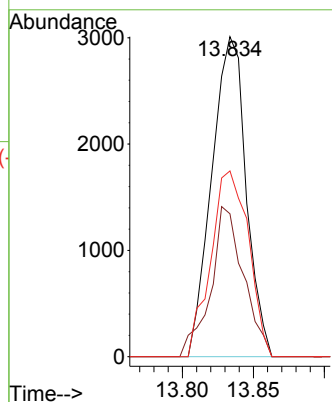
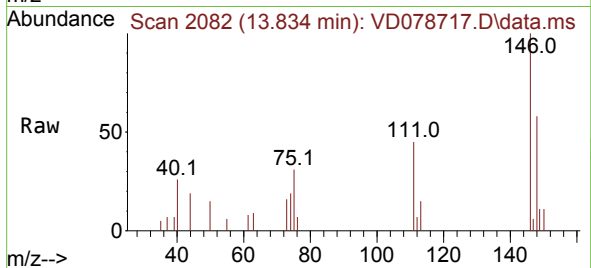
Tgt Ion:146 Resp: 5057

Ion Ratio Lower Upper

146 100

111 44.8 18.6 56.0

148 63.8 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.730 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

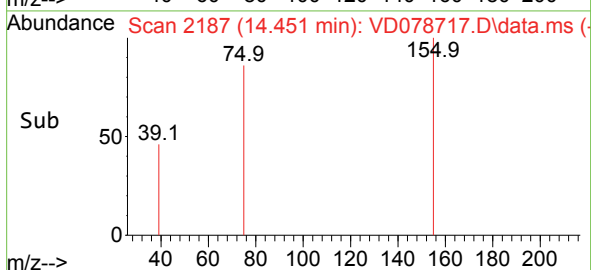
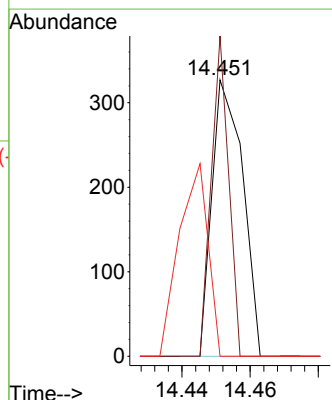
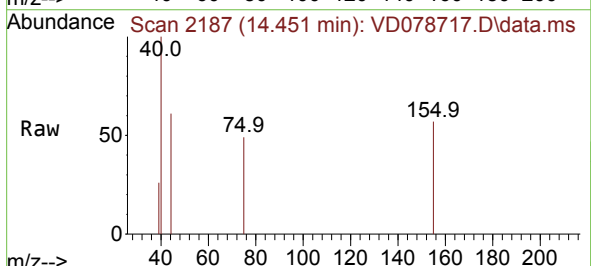
Tgt Ion: 75 Resp: 204

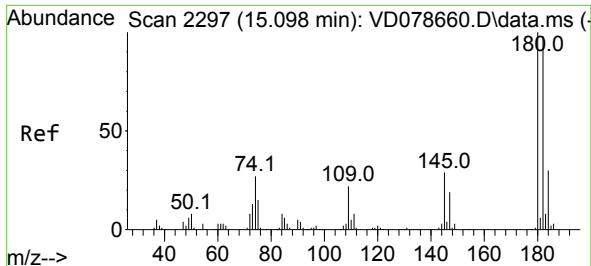
Ion Ratio Lower Upper

75 100

155 65.7 49.8 149.3

157 65.7 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 2.173 ug/l

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

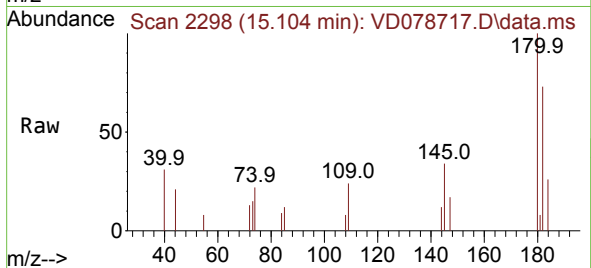
Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

Instrument :

MSVOA_D

ClientSampleId :



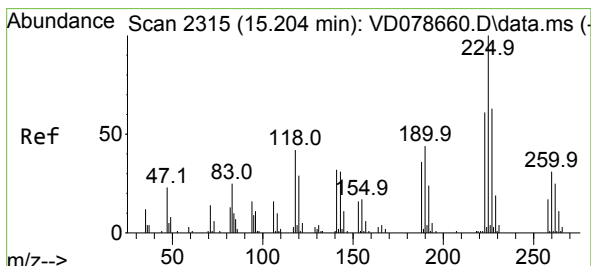
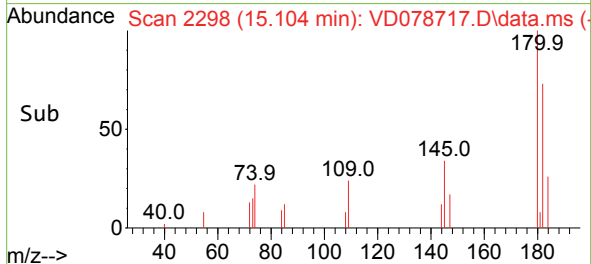
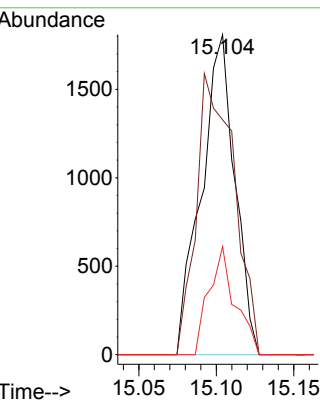
Tgt Ion:180 Resp: 2722

Ion Ratio Lower Upper

180 100

182 98.7 49.7 149.1

145 26.3 14.6 44.0



#94

Hexachlorobutadiene

Concen: 2.782 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD078717.D

Acq: 20 Mar 2024 13:59

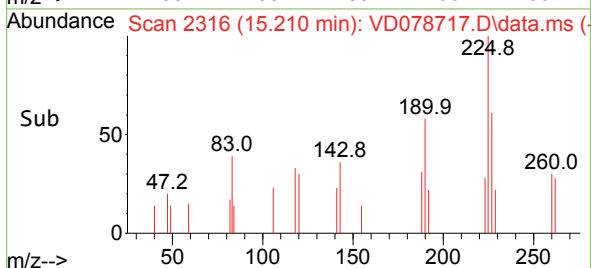
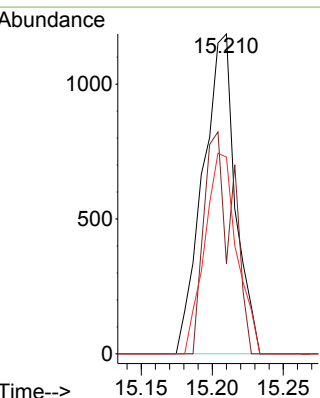
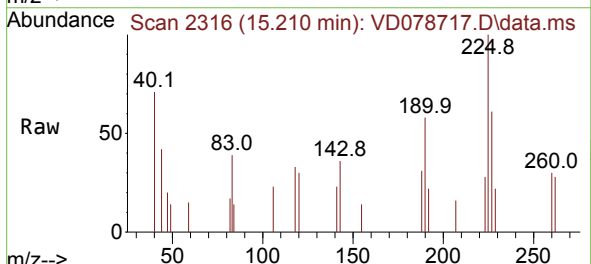
Tgt Ion:225 Resp: 1887

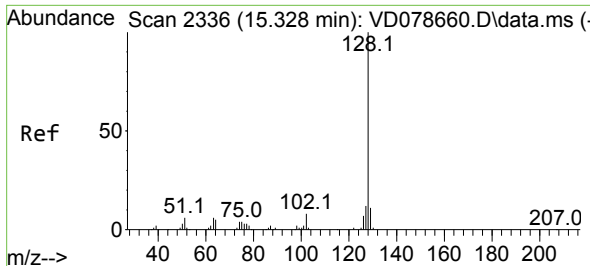
Ion Ratio Lower Upper

225 100

223 61.0 31.9 95.7

227 62.3 32.0 96.0

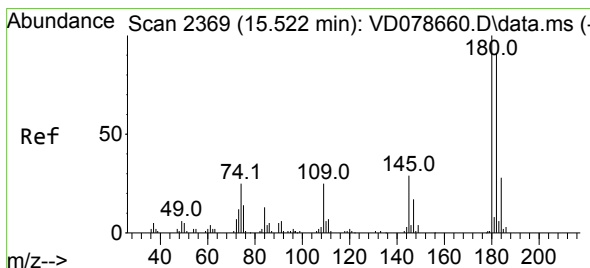
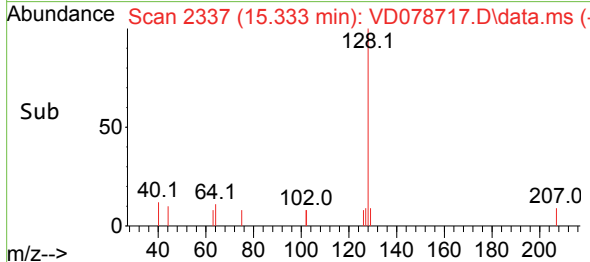
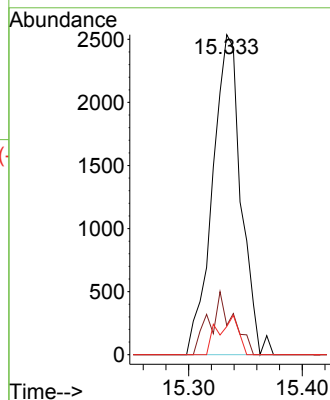
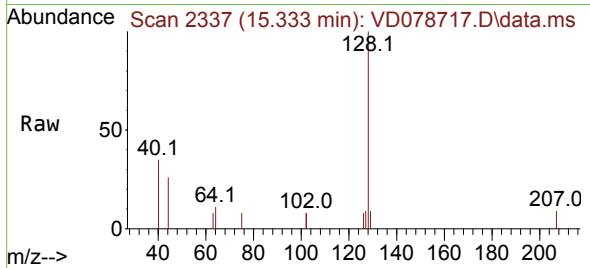




#95
Naphthalene
Concen: 2.039 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 4442
Ion Ratio Lower Upper
128 100
127 9.1 9.3 13.9#
129 8.8 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 2.439 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD078717.D
Acq: 20 Mar 2024 13:59

Tgt Ion:180 Resp: 2644
Ion Ratio Lower Upper
180 100
182 99.8 46.7 140.1
145 19.7 14.4 43.4

