

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010224\
 Data File : VD078118.D
 Acq On : 02 Jan 2024 11:39
 Operator : RP/MD
 Sample : VD0102SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 03 00:04:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	169495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	262490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	121385	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72712	48.214	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.420%
35) Dibromofluoromethane	7.810	113	83804	49.619	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.240%
50) Toluene-d8	10.269	98	301515	50.736	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.575	95	94408	49.372	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.740%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	27431	18.884	ug/l	96
3) Chloromethane	2.152	50	32815	16.380	ug/l	97
4) Vinyl Chloride	2.287	62	49449	16.376	ug/l	96
5) Bromomethane	2.693	94	39446	16.293	ug/l	99
6) Chloroethane	2.846	64	36076	16.258	ug/l	96
7) Trichlorofluoromethane	3.181	101	53298	18.338	ug/l	99
8) Diethyl Ether	3.599	74	14815	18.589	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.970	101	33580	18.550	ug/l	98
10) Methyl Iodide	4.175	142	31357	18.433	ug/l #	90
11) Tert butyl alcohol	5.052	59	8542	114.730	ug/l #	88
12) 1,1-Dichloroethene	3.940	96	29144	18.195	ug/l	95
13) Acrolein	3.799	56	9161	115.335	ug/l	96
14) Allyl chloride	4.575	41	33986	17.554	ug/l	89
15) Acrylonitrile	5.252	53	33256	99.753	ug/l	97
16) Acetone	4.022	43	42213	123.110	ug/l #	82
17) Carbon Disulfide	4.281	76	62541	15.802	ug/l	100
18) Methyl Acetate	4.569	43	20686	16.736	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	67027	18.907	ug/l	99
20) Methylene Chloride	4.811	84	47925	24.296	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	33035	17.942	ug/l	98
22) Diisopropyl ether	6.216	45	78294	18.105	ug/l	93
23) Vinyl Acetate	6.164	43	189399	114.559	ug/l	99
24) 1,1-Dichloroethane	6.116	63	57447	17.951	ug/l	95
25) 2-Butanone	7.087	43	46229	108.683	ug/l #	87
26) 2,2-Dichloropropane	7.081	77	54056	18.801	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	38172	17.475	ug/l	89
28) Bromochloromethane	7.428	49	20283	17.715	ug/l	94
29) Tetrahydrofuran	7.452	42	21190	90.765	ug/l	95
30) Chloroform	7.605	83	65547	18.899	ug/l	98
31) Cyclohexane	7.881	56	40575	16.865	ug/l #	90
32) 1,1,1-Trichloroethane	7.799	97	55643	18.668	ug/l	98
36) 1,1-Dichloropropene	8.010	75	43885	18.467	ug/l	98
37) Ethyl Acetate	7.175	43	16102	20.373	ug/l #	95
38) Carbon Tetrachloride	7.993	117	48571	18.862	ug/l	94
39) Methylcyclohexane	9.275	83	49113	18.026	ug/l	95
40) Benzene	8.252	78	130062	18.989	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.446	41	21865	43.728	ug/l #	27
42) 1,2-Dichloroethane	8.334	62	35633	19.251	ug/l	97
43) Isopropyl Acetate	8.363	43	30356	19.184	ug/l	96
44) Trichloroethene	9.034	130	38801	19.691	ug/l	98
45) 1,2-Dichloropropane	9.310	63	32554	18.757	ug/l	94
46) Dibromomethane	9.393	93	19892	20.464	ug/l	97
47) Bromodichloromethane	9.587	83	48261	19.113	ug/l #	96
48) Methyl methacrylate	9.381	41	15978	17.917	ug/l #	84
49) 1,4-Dioxane	9.381	88	3845	418.420	ug/l #	79
51) 4-Methyl-2-Pentanone	10.157	43	80388	99.008	ug/l	94
52) Toluene	10.334	92	86280	19.422	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	45232	19.744	ug/l	95
54) cis-1,3-Dichloropropene	10.022	75	52607	19.122	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	27752	20.288	ug/l	96
56) Ethyl methacrylate	10.599	69	21513	19.817	ug/l #	91
57) 1,3-Dichloropropane	10.881	76	43153	19.200	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	48896	104.035	ug/l	99
59) 2-Hexanone	10.922	43	69199	109.721	ug/l	90
60) Dibromochloromethane	11.075	129	35860	20.578	ug/l	96
61) 1,2-Dibromoethane	11.181	107	25865	19.722	ug/l	100
64) Tetrachloroethene	10.810	164	32602	20.451	ug/l	97
65) Chlorobenzene	11.610	112	99337	19.819	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	38690	20.395	ug/l	94
67) Ethyl Benzene	11.687	91	162320	18.577	ug/l	97
68) m/p-Xylenes	11.793	106	131738	38.739	ug/l	96
69) o-Xylene	12.122	106	59339	18.722	ug/l	93
70) Styrene	12.134	104	91339	19.519	ug/l	95
71) Bromoform	12.298	173	22494	21.492	ug/l #	97
73) Isopropylbenzene	12.422	105	162350	19.419	ug/l	98
74) N-amyl acetate	12.234	43	27322	19.686	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	30699	20.204	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	35370	34.538	ug/l #	100
77) Bromobenzene	12.704	156	42059	20.679	ug/l	100
78) n-propylbenzene	12.763	91	194714	19.349	ug/l	98
79) 2-Chlorotoluene	12.851	91	104500	19.198	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	135549	19.602	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	9734	20.481	ug/l	95
82) 4-Chlorotoluene	12.946	91	107662	18.448	ug/l	98
83) tert-Butylbenzene	13.169	119	121027	19.538	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	136989	19.449	ug/l	96
85) sec-Butylbenzene	13.345	105	175471	19.841	ug/l	97
86) p-Isopropyltoluene	13.463	119	156701	19.799	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	83026	19.730	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	82894	20.085	ug/l	98
89) n-Butylbenzene	13.787	91	141547	19.485	ug/l	98
90) Hexachloroethane	14.051	117	31338	19.806	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	73184	20.251	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4372	20.544	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	48496	20.554	ug/l	99
94) Hexachlorobutadiene	15.204	225	28370	21.401	ug/l	98
95) Naphthalene	15.334	128	80307	19.993	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	41886	20.922	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Dec 27 03:40:16 2023
Response via : Initial Calibration

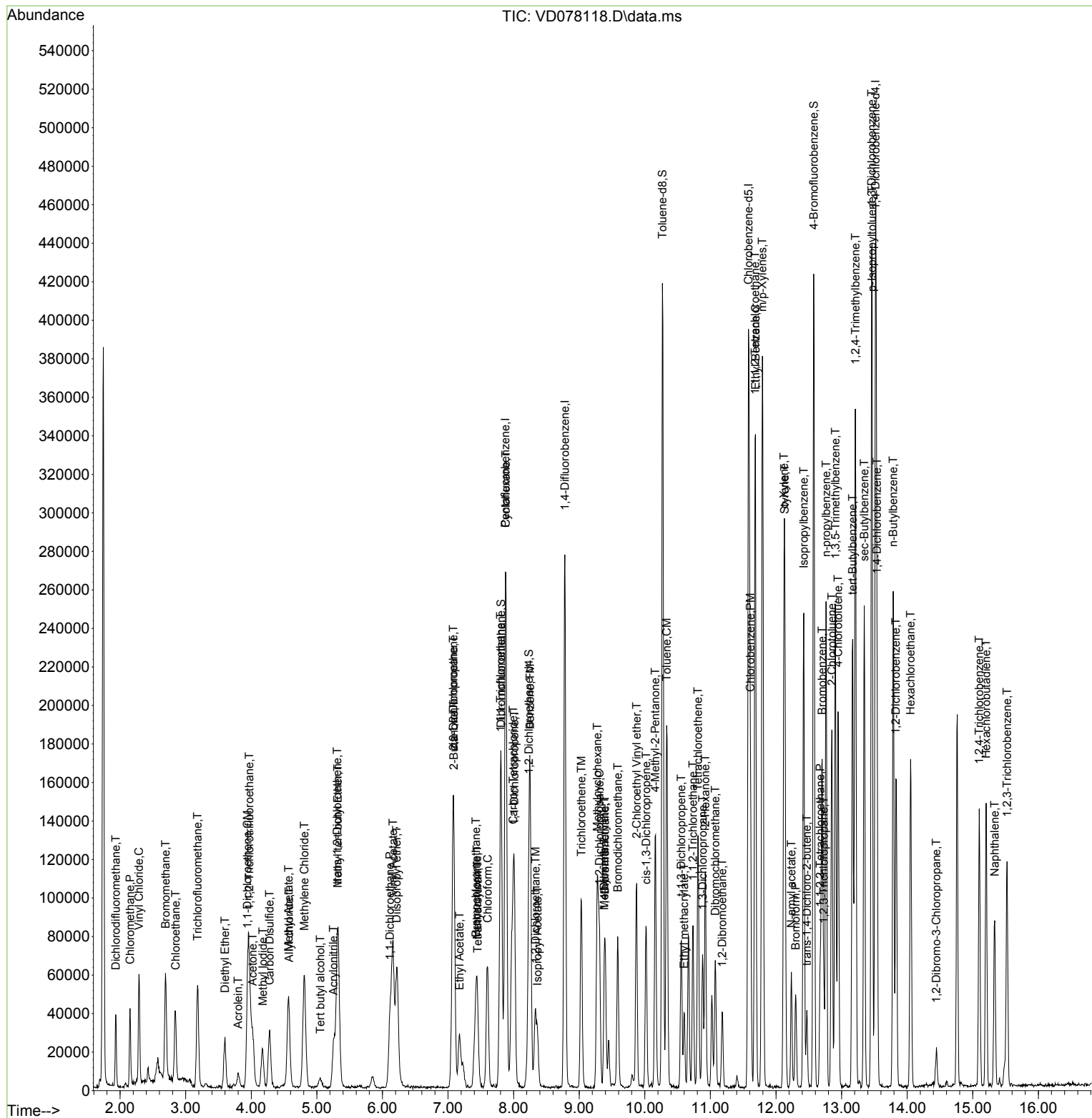
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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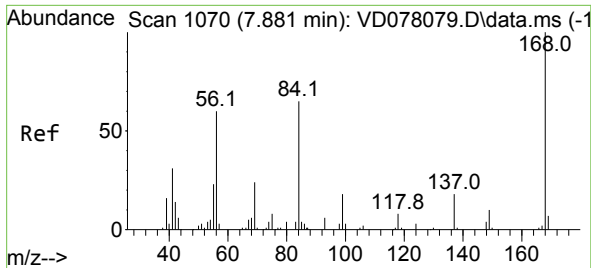
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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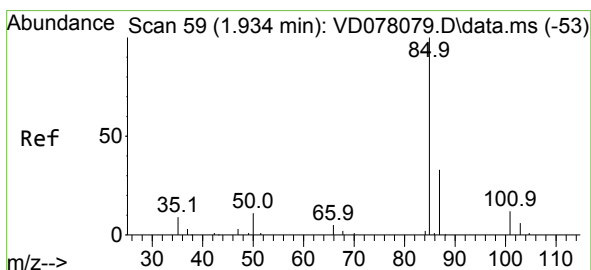
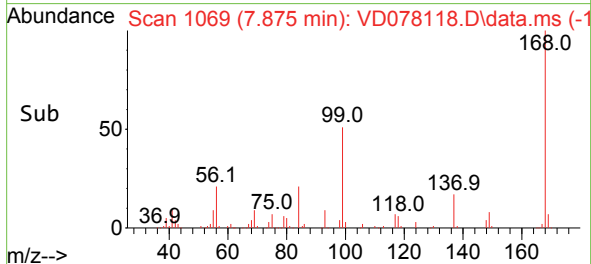
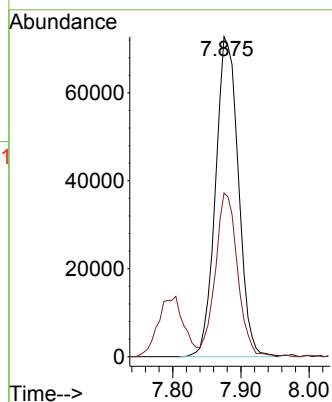
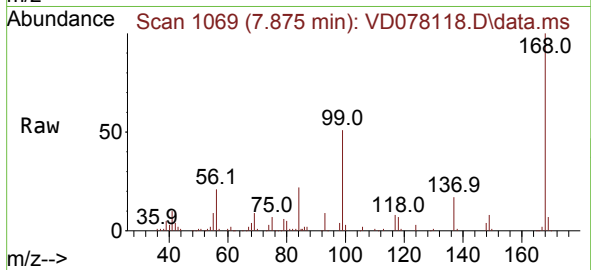




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
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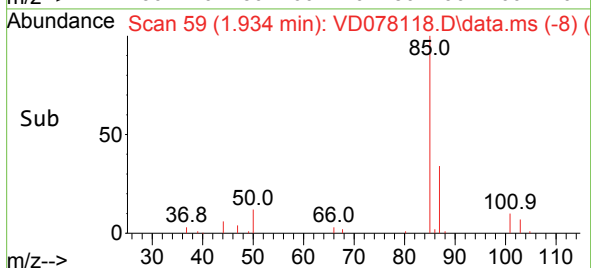
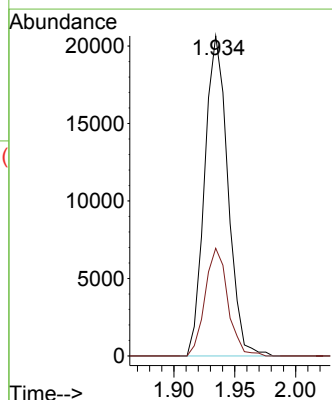
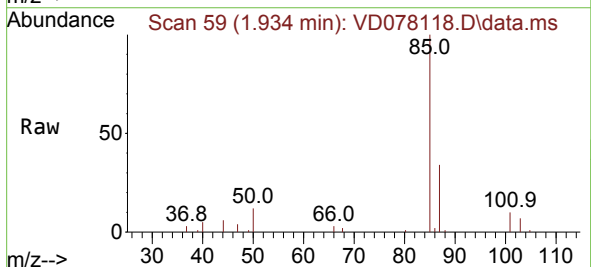
Instrument :
MSVOA_D
ClientSampleId :

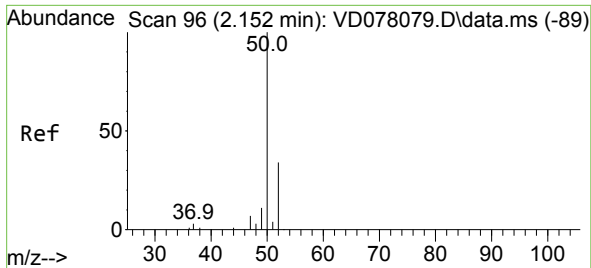
Tgt Ion:168 Resp: 169495
Ion Ratio Lower Upper
168 100
99 50.8 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 18.884 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion: 85 Resp: 27431
Ion Ratio Lower Upper
85 100
87 33.7 15.7 47.0

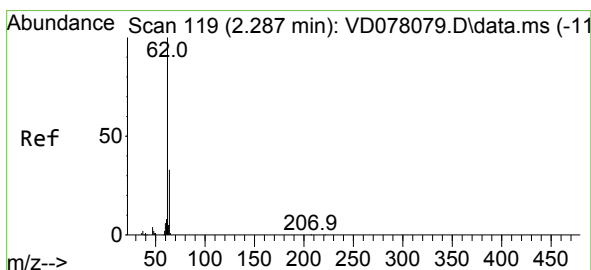
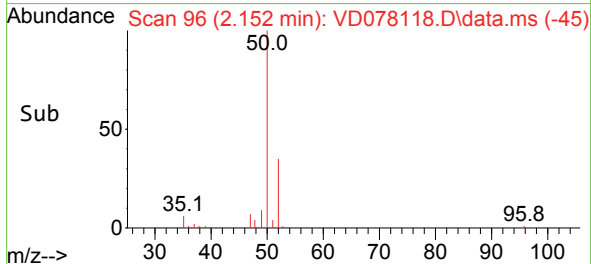
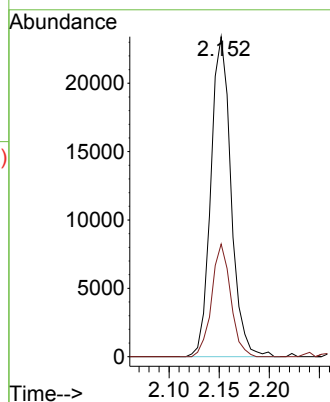
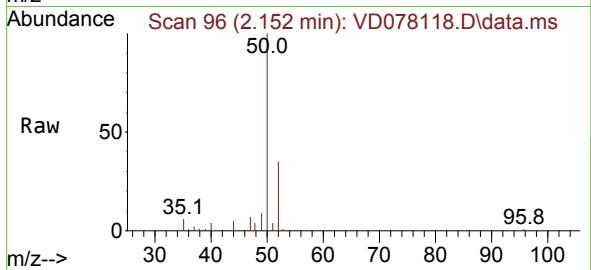




#3
Chloromethane
Concen: 16.380 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

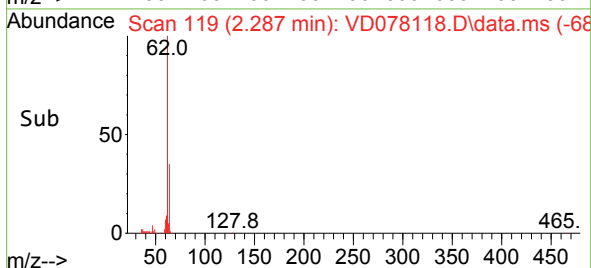
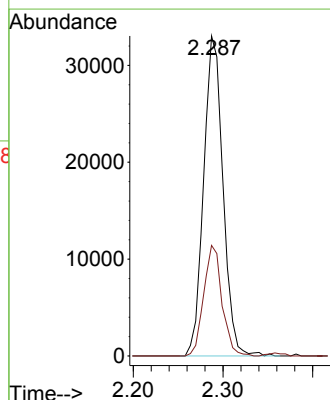
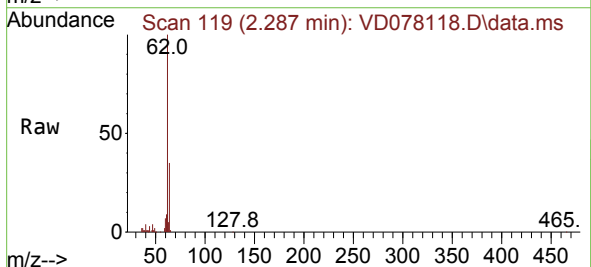
Instrument :
MSVOA_D
ClientSampleId :

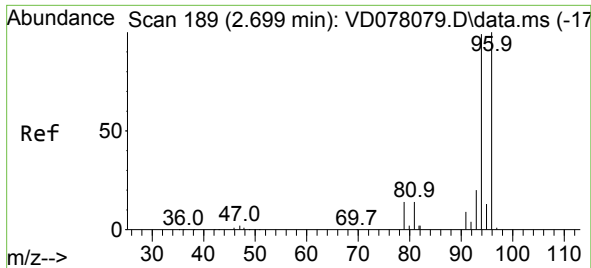
Tgt Ion: 50 Resp: 32815
Ion Ratio Lower Upper
50 100
52 35.2 26.6 40.0



#4
Vinyl Chloride
Concen: 16.376 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion: 62 Resp: 49449
Ion Ratio Lower Upper
62 100
64 34.5 26.0 39.0

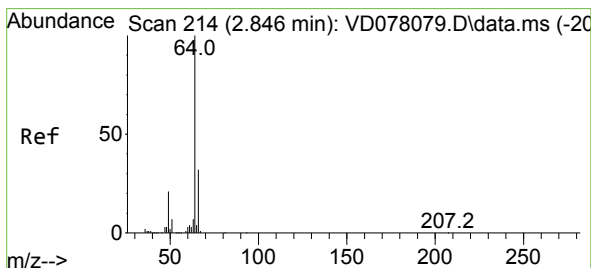
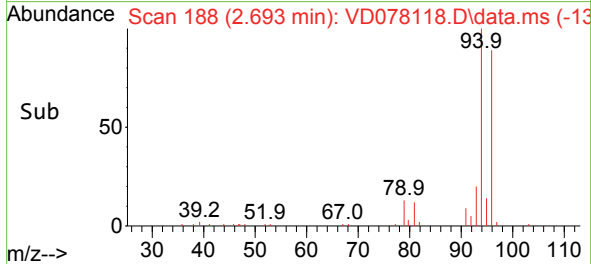
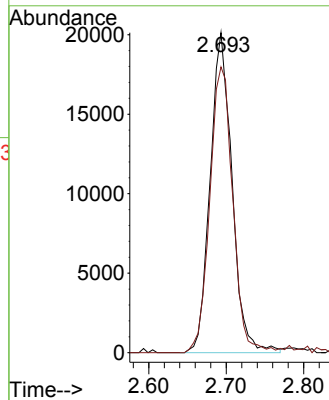
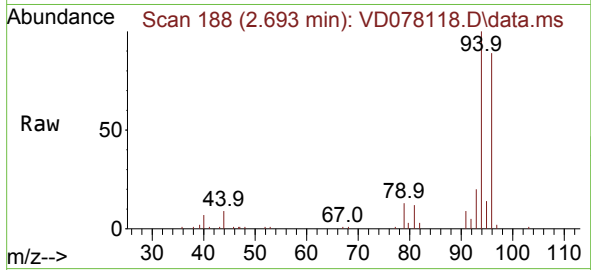




#5
Bromomethane
Concen: 16.293 ug/l
RT: 2.693 min Scan# 189
Delta R.T. -0.006 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

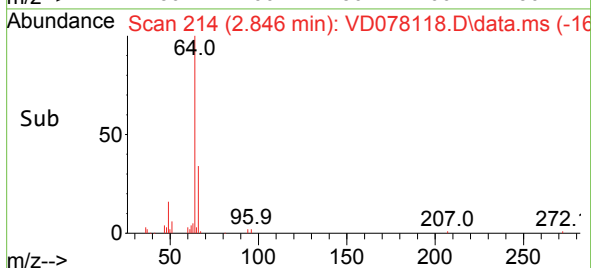
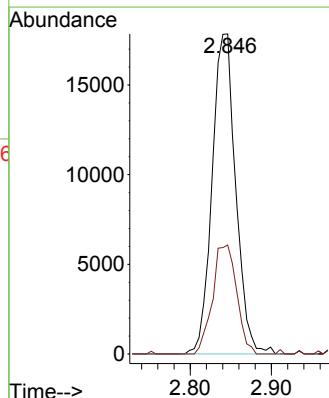
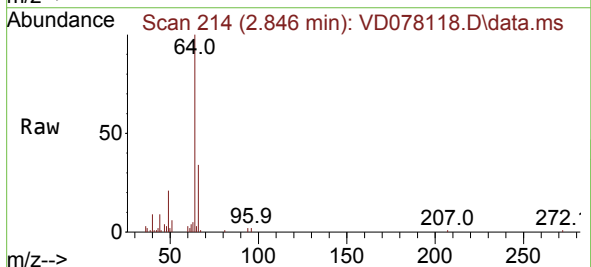
Instrument :
MSVOA_D
ClientSampleId :

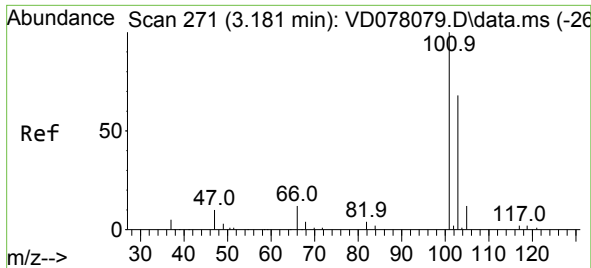
Tgt Ion: 94 Resp: 39446
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.8



#6
Chloroethane
Concen: 16.258 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion: 64 Resp: 36076
Ion Ratio Lower Upper
64 100
66 34.0 25.5 38.3

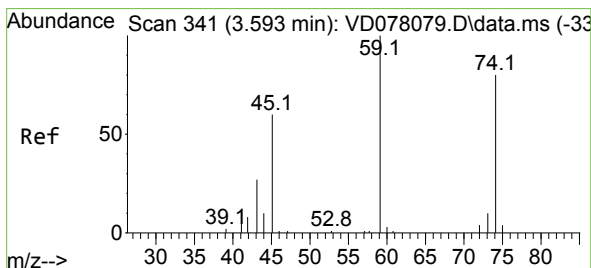
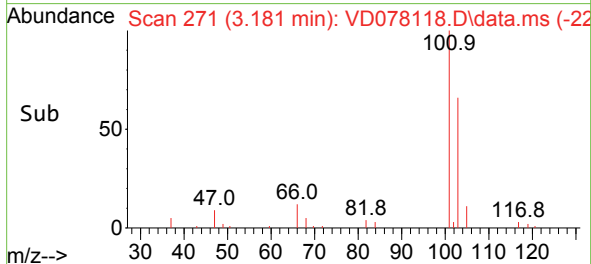
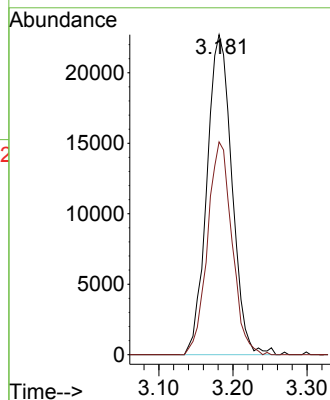
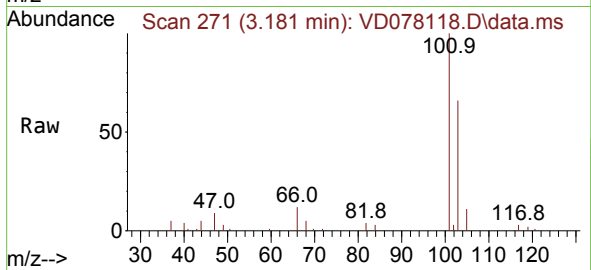




#7
Trichlorofluoromethane
Concen: 18.338 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

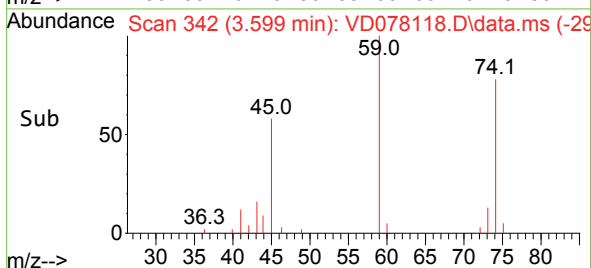
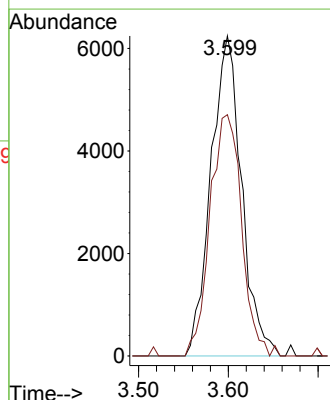
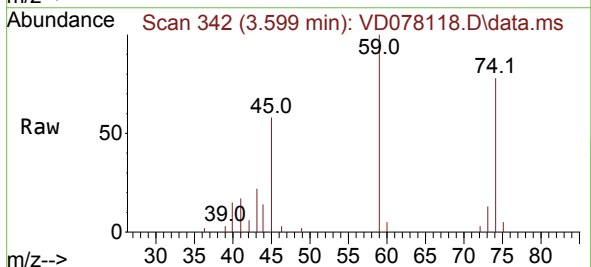
Instrument :
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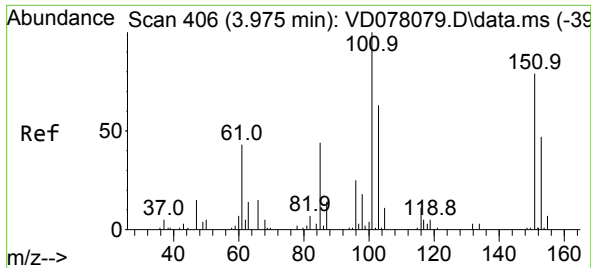
Tgt Ion:101 Resp: 53298
Ion Ratio Lower Upper
101 100
103 66.5 52.3 78.5



#8
Diethyl Ether
Concen: 18.589 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion: 74 Resp: 14815
Ion Ratio Lower Upper
74 100
45 77.7 37.5 112.7

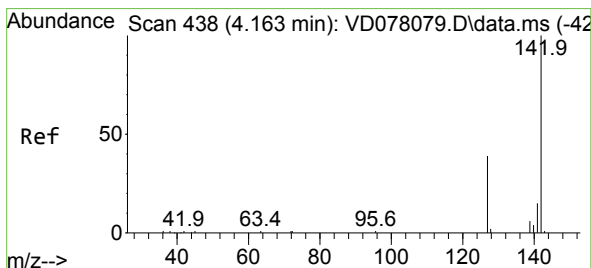
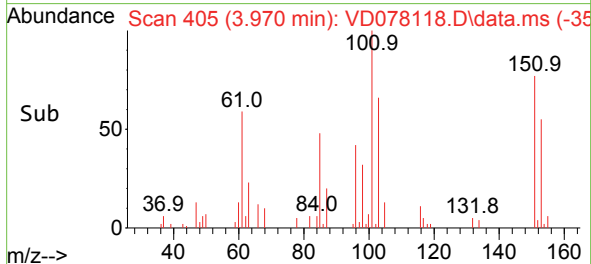
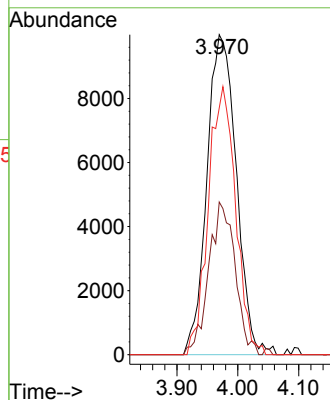
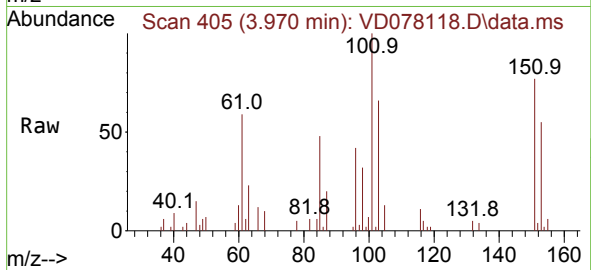




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.550 ug/l
RT: 3.970 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

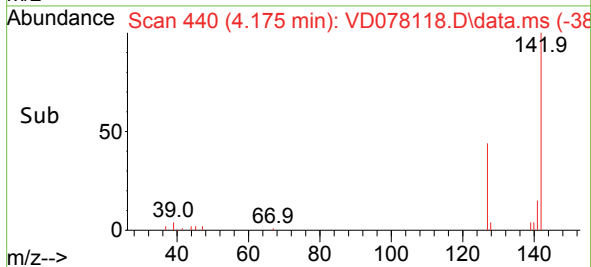
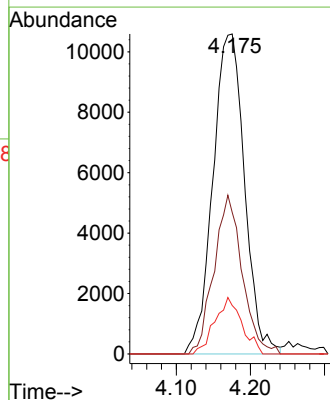
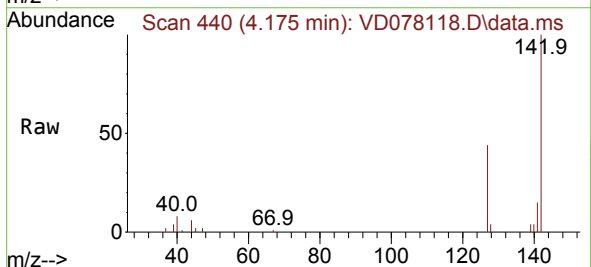
Instrument :
MSVOA_D
ClientSampleId :

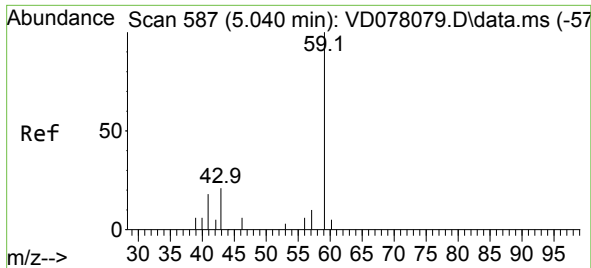
Tgt Ion:101 Resp: 33580
Ion Ratio Lower Upper
101 100
85 42.7 33.8 50.6
151 77.6 59.8 89.6



#10
Methyl Iodide
Concen: 18.433 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.012 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

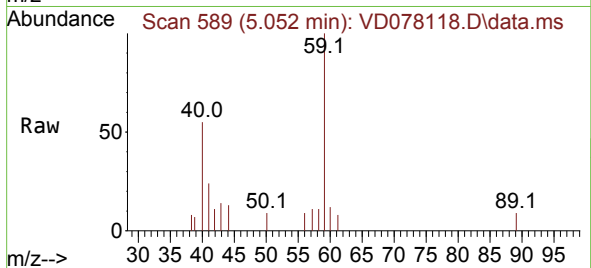
Tgt Ion:142 Resp: 31357
Ion Ratio Lower Upper
142 100
127 44.4 29.4 44.0#
141 15.2 11.1 16.7



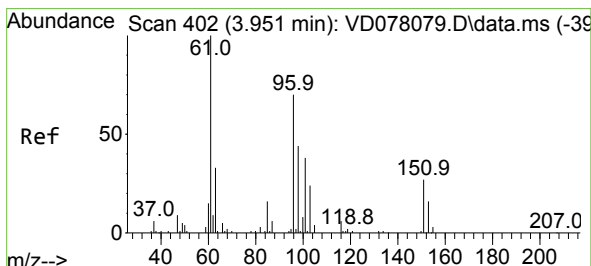
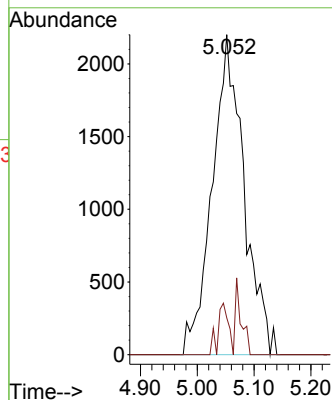
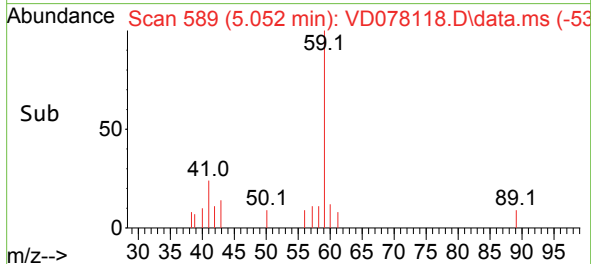


#11
Tert butyl alcohol
Concen: 114.730 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Instrument :
MSVOA_D
ClientSampleId :

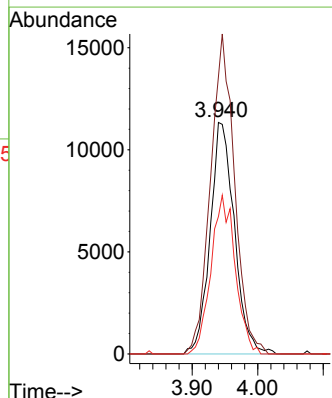
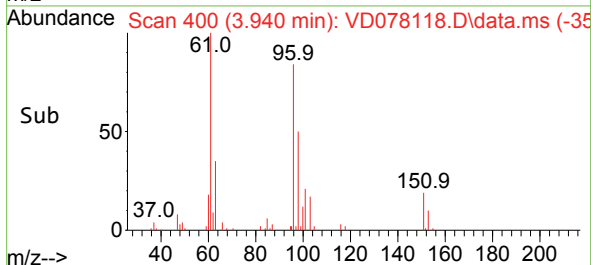
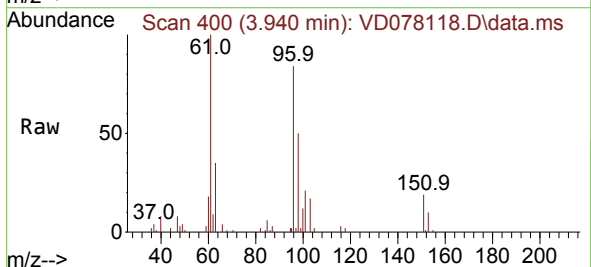


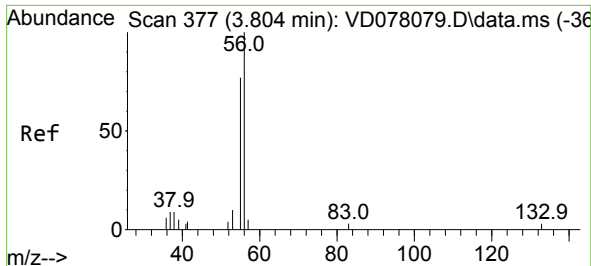
Tgt Ion: 59 Resp: 8542
Ion Ratio Lower Upper
59 100
57 5.3 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 18.195 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.011 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion: 96 Resp: 29144
Ion Ratio Lower Upper
96 100
61 119.7 100.6 150.8
98 59.4 50.2 75.2

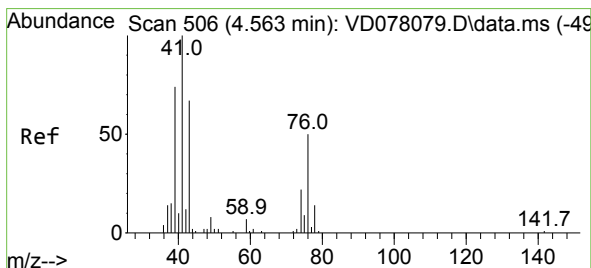
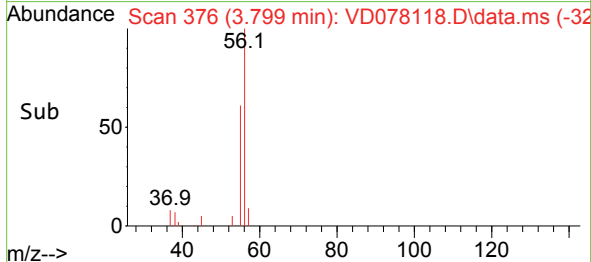
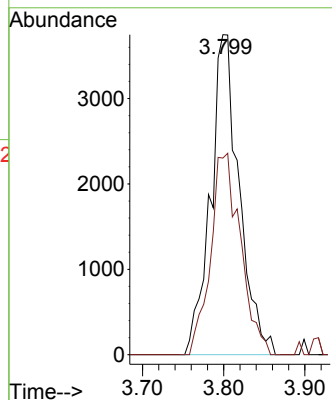
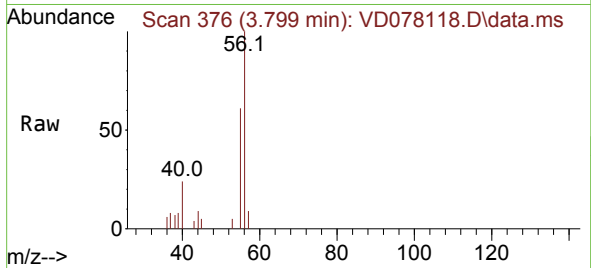




#13
Acrolein
Concen: 115.335 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.005 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

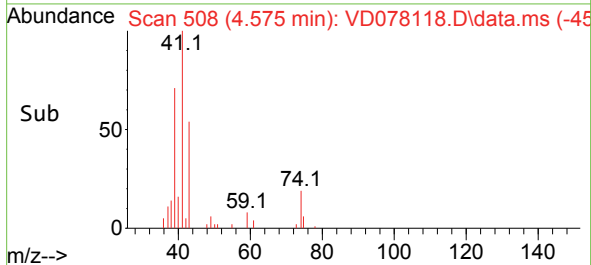
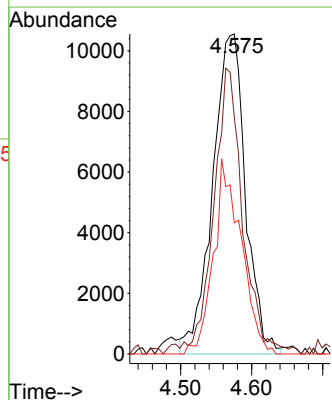
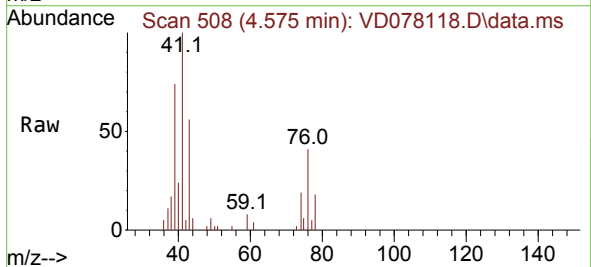
Instrument :
MSVOA_D
ClientSampleId :

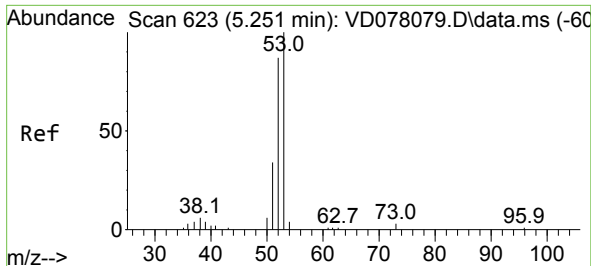
Tgt Ion: 56 Resp: 9161
Ion Ratio Lower Upper
56 100
55 66.0 55.1 82.7



#14
Allyl chloride
Concen: 17.554 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

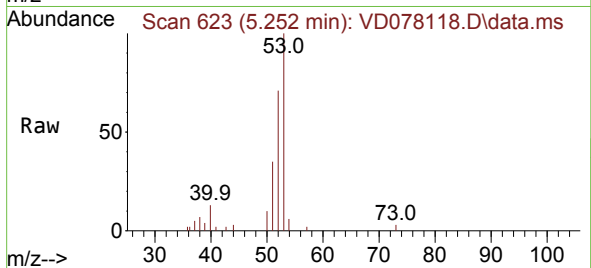
Tgt Ion: 41 Resp: 33986
Ion Ratio Lower Upper
41 100
39 78.4 53.8 80.6
76 51.1 45.8 68.8



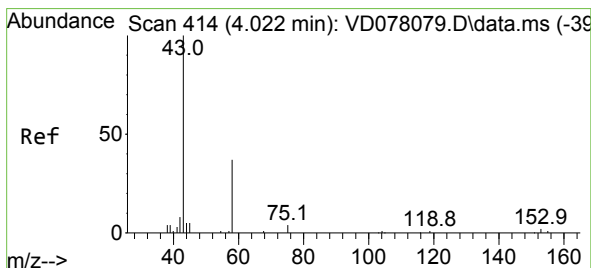
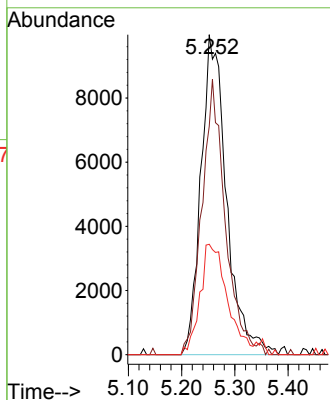
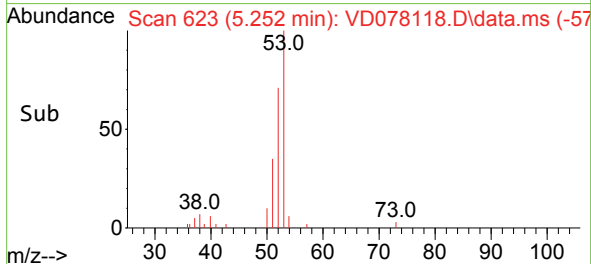


#15
Acrylonitrile
Concen: 99.753 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Instrument :
MSVOA_D
ClientSampleId :

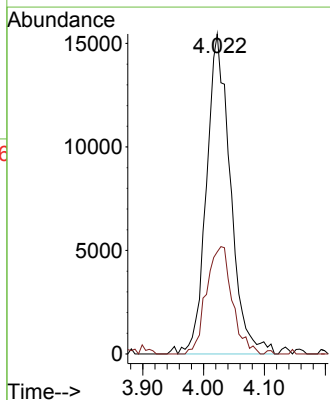
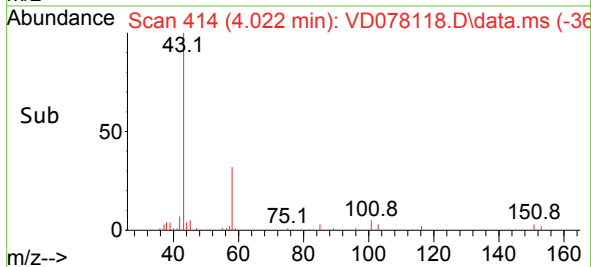
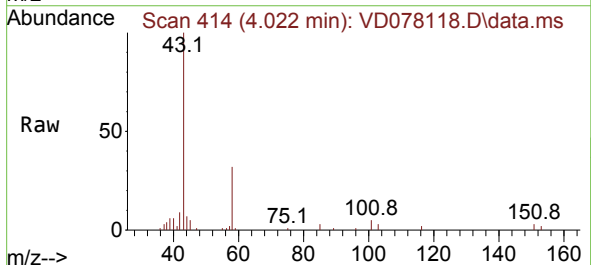


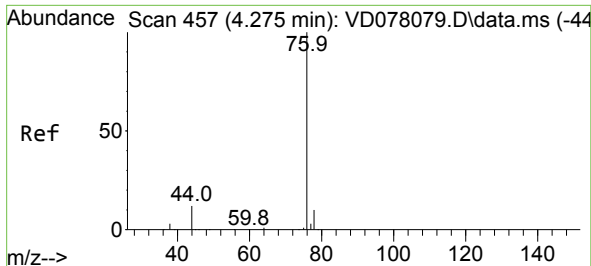
Tgt Ion: 53 Resp: 33256
Ion Ratio Lower Upper
53 100
52 79.0 65.0 97.4
51 37.0 28.3 42.5



#16
Acetone
Concen: 123.110 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion: 43 Resp: 42213
Ion Ratio Lower Upper
43 100
58 31.9 34.7 52.1#

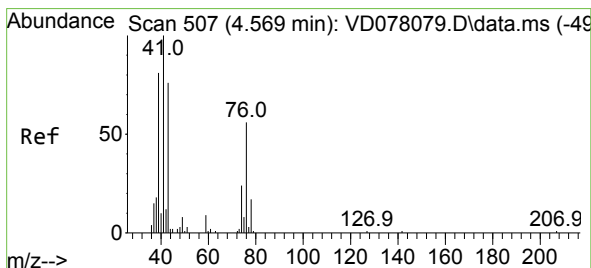
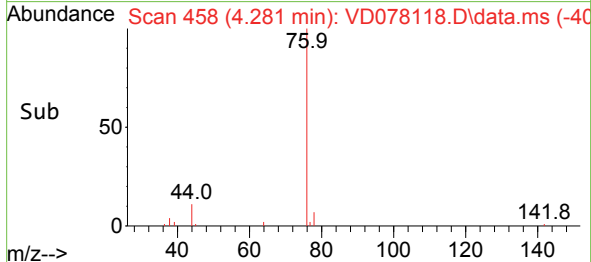
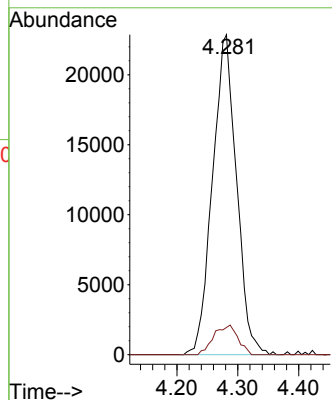
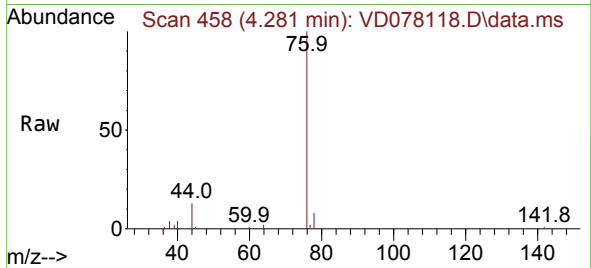




#17
Carbon Disulfide
Concen: 15.802 ug/l
RT: 4.281 min Scan# 458
Delta R.T. 0.006 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

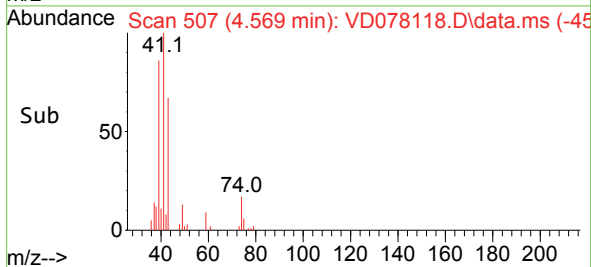
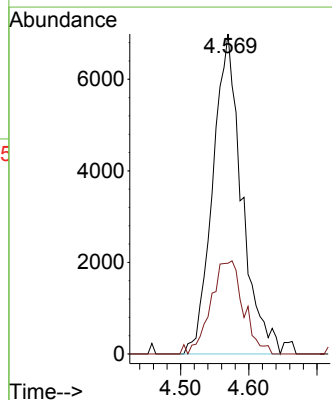
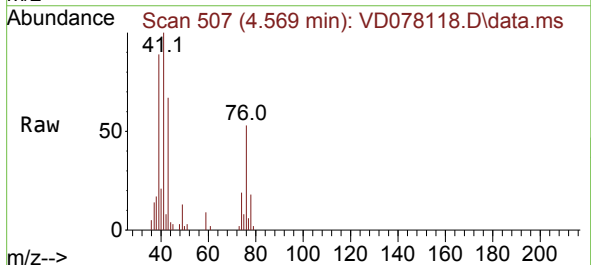
Instrument :
MSVOA_D
ClientSampleId :

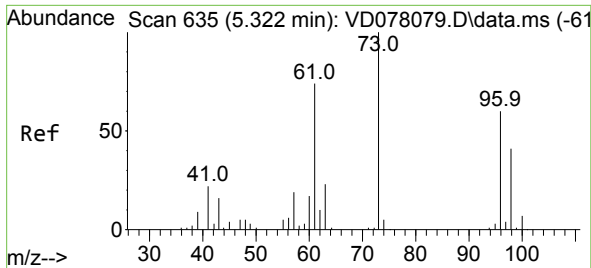
Tgt Ion: 76 Resp: 62541
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 16.736 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion: 43 Resp: 20686
Ion Ratio Lower Upper
43 100
74 32.8 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 18.907 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078118.D

Acq: 02 Jan 2024 11:39

Instrument :

MSVOA_D

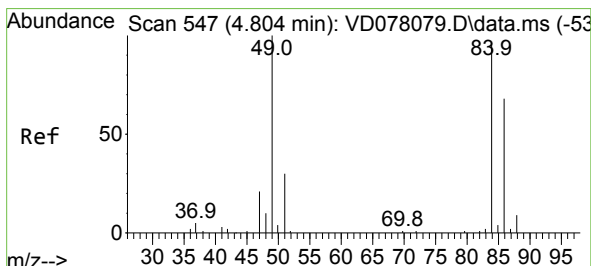
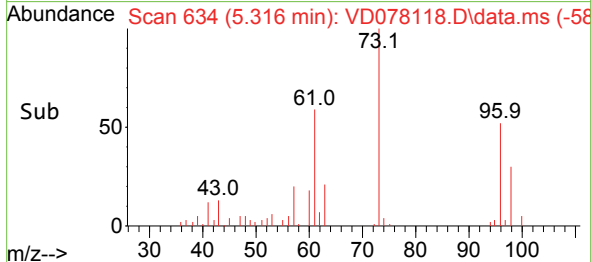
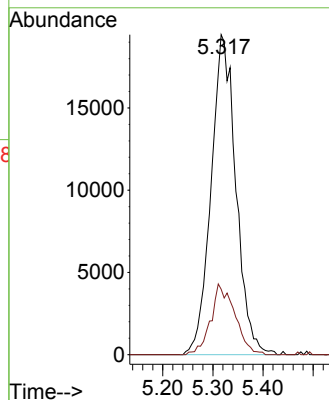
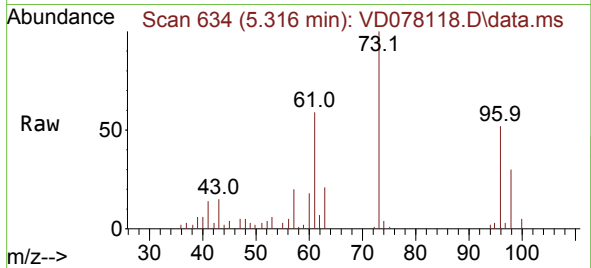
ClientSampleId :

Tgt Ion: 73 Resp: 67027

Ion Ratio Lower Upper

73 100

57 20.5 16.6 25.0



#20

Methylene Chloride

Concen: 24.296 ug/l

RT: 4.811 min Scan# 548

Delta R.T. 0.007 min

Lab File: VD078118.D

Acq: 02 Jan 2024 11:39

Tgt Ion: 84 Resp: 47925

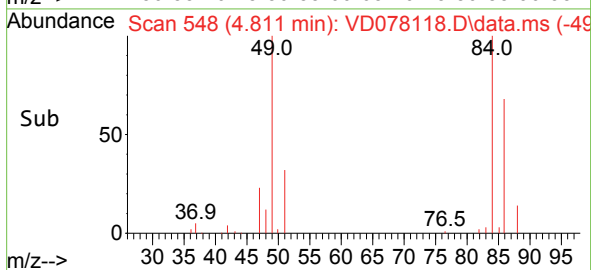
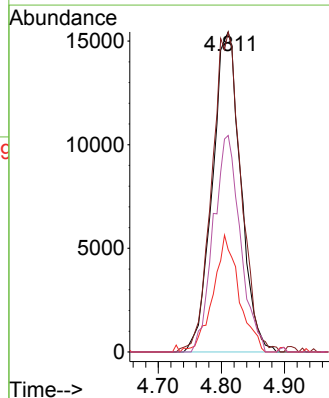
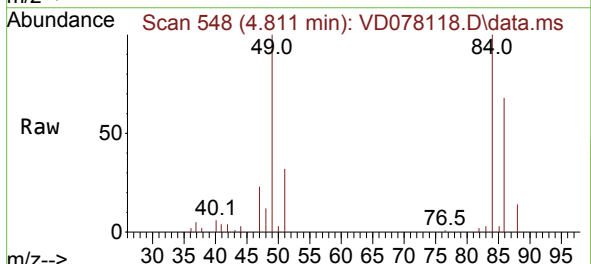
Ion Ratio Lower Upper

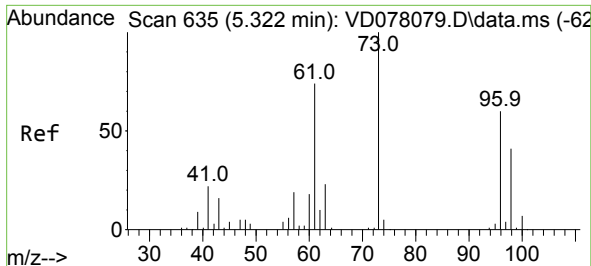
84 100

49 99.9 71.4 107.2

51 32.0 24.5 36.7

86 67.6 48.7 73.1

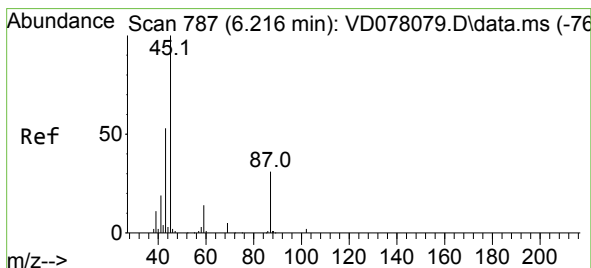
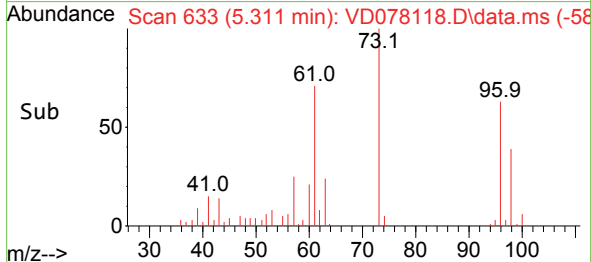
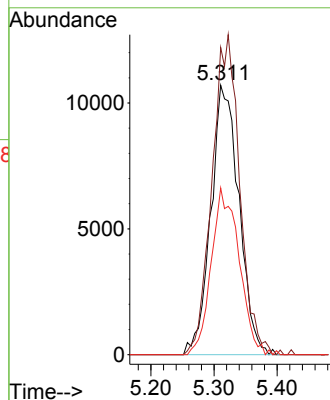
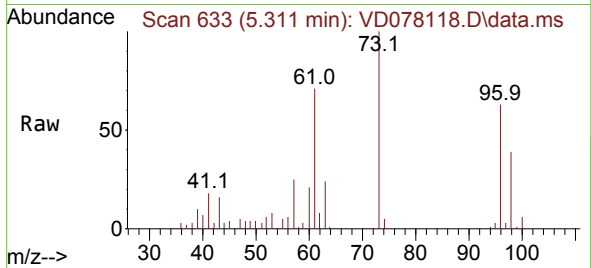




#21
trans-1,2-Dichloroethene
Concen: 17.942 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

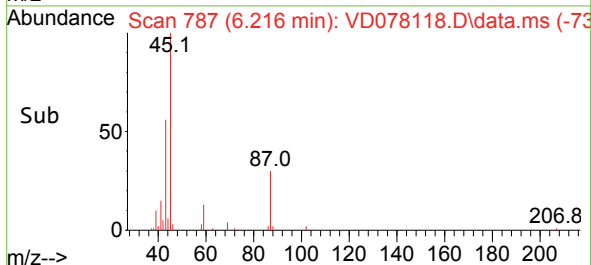
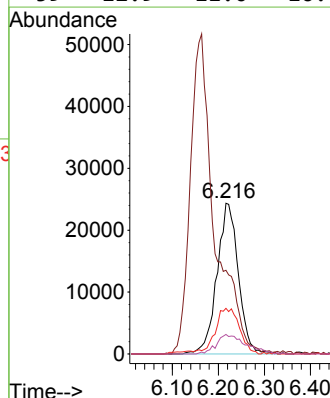
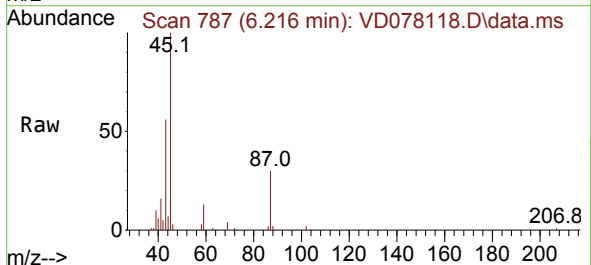
Instrument :
MSVOA_D
ClientSampleId :

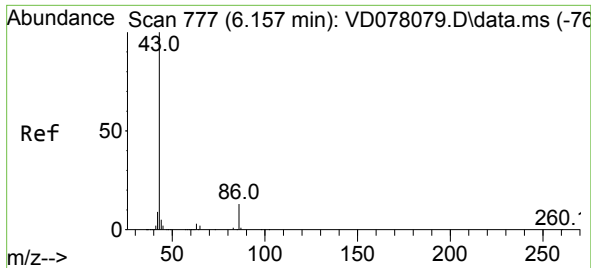
Tgt Ion: 96 Resp: 33035
Ion Ratio Lower Upper
96 100
61 114.0 89.3 133.9
98 61.9 48.6 73.0



#22
Diisopropyl ether
Concen: 18.105 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion: 45 Resp: 78294
Ion Ratio Lower Upper
45 100
43 54.5 40.0 60.0
87 30.3 28.2 42.4
59 12.9 11.0 16.4

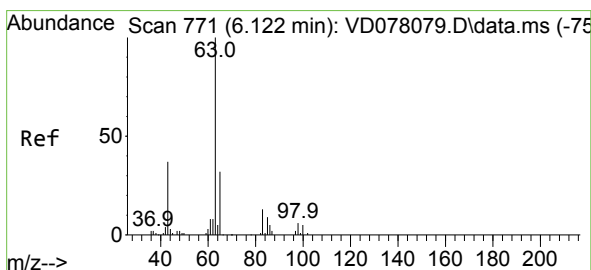
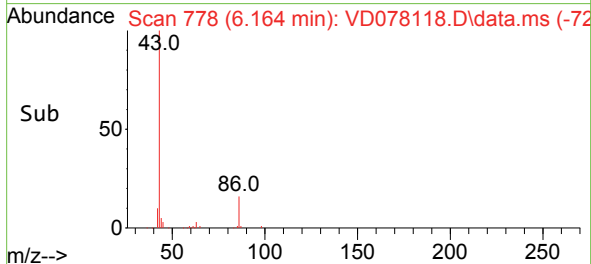
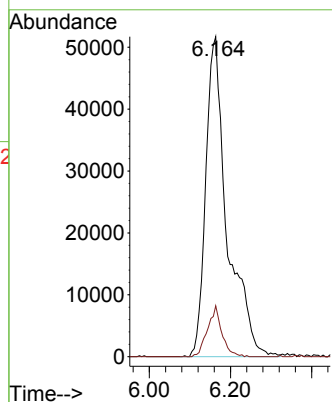
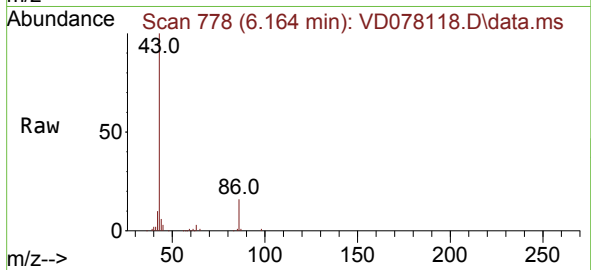




#23
 Vinyl Acetate
 Concen: 114.559 ug/l
 RT: 6.164 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD078118.D
 Acq: 02 Jan 2024 11:39

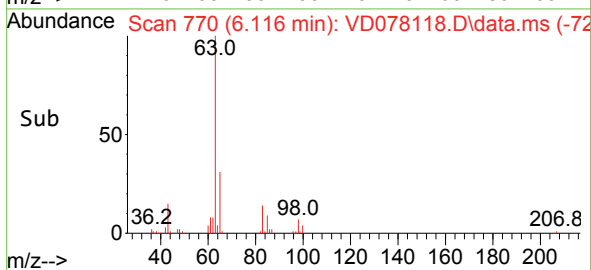
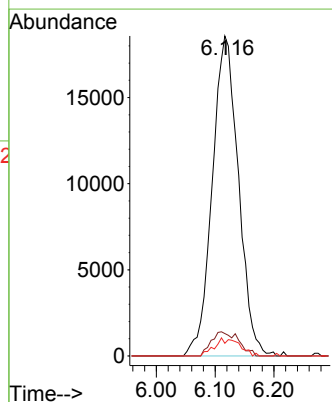
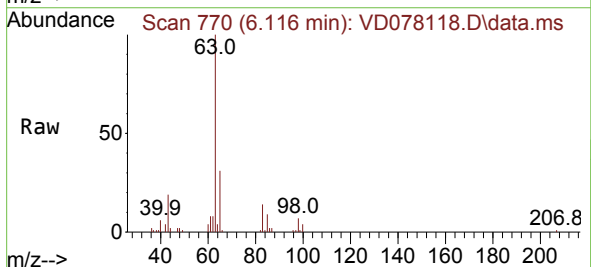
Instrument :
 MSVOA_D
 ClientSampleId :

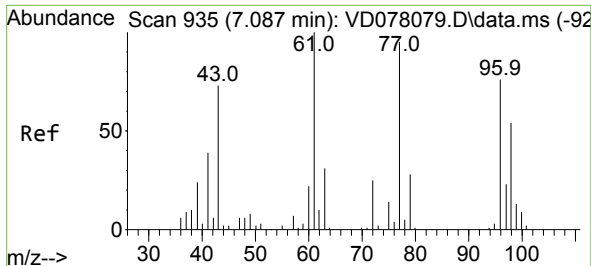
Tgt Ion: 43 Resp: 189399
 Ion Ratio Lower Upper
 43 100
 86 15.9 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 17.951 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.005 min
 Lab File: VD078118.D
 Acq: 02 Jan 2024 11:39

Tgt Ion: 63 Resp: 57447
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.5 13.7
 100 3.9 2.5 7.5





#25

2-Butanone

Concen: 108.683 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078118.D

Acq: 02 Jan 2024 11:39

Instrument :

MSVOA_D

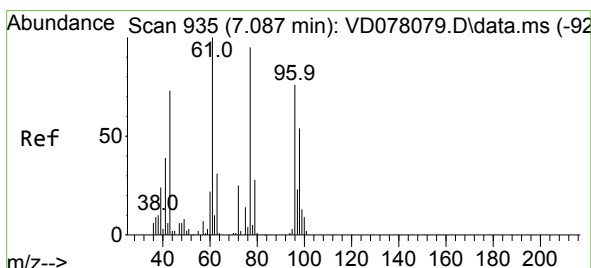
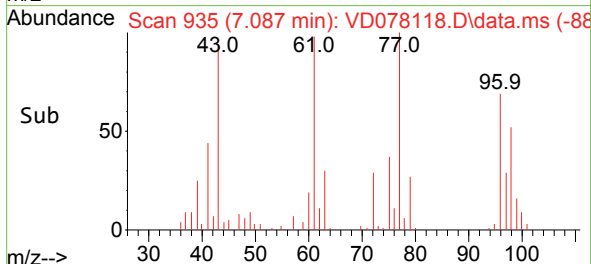
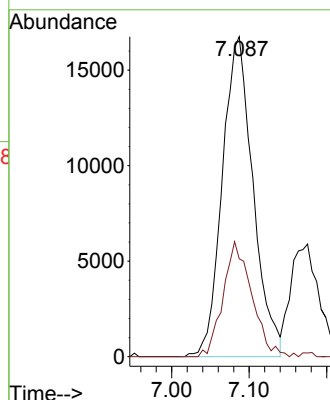
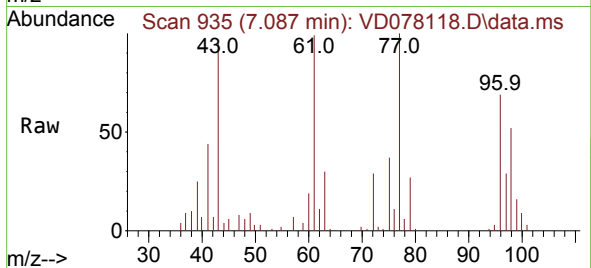
ClientSampleId :

Tgt Ion: 43 Resp: 46229

Ion Ratio Lower Upper

43 100

72 30.6 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 18.801 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.006 min

Lab File: VD078118.D

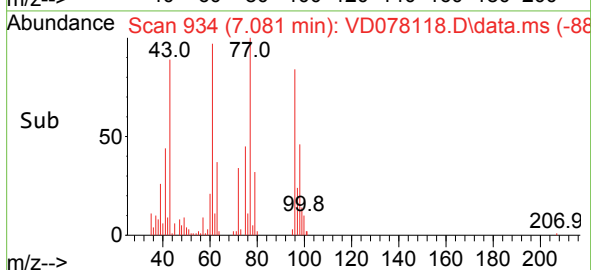
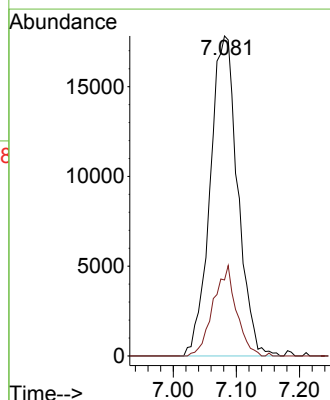
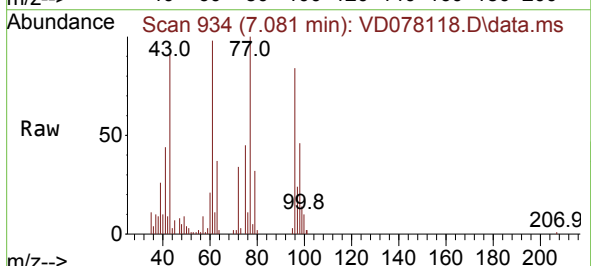
Acq: 02 Jan 2024 11:39

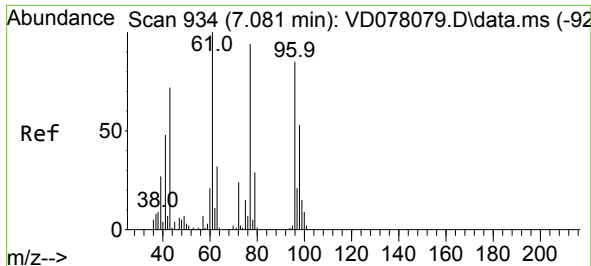
Tgt Ion: 77 Resp: 54056

Ion Ratio Lower Upper

77 100

97 23.7 13.2 39.6

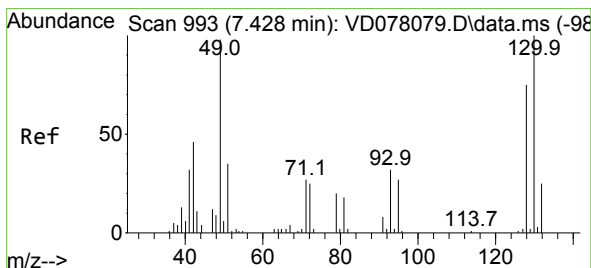
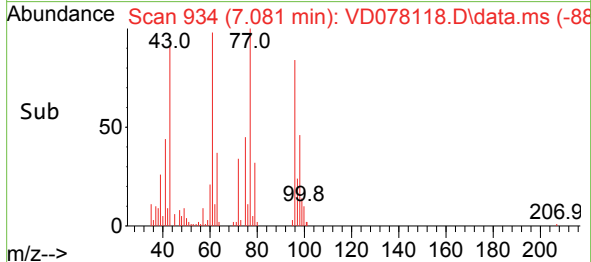
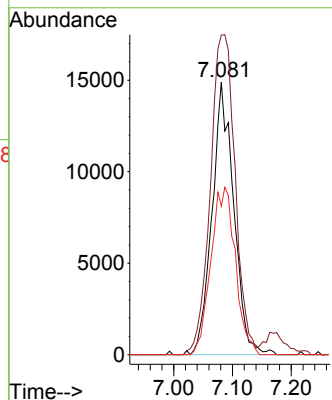
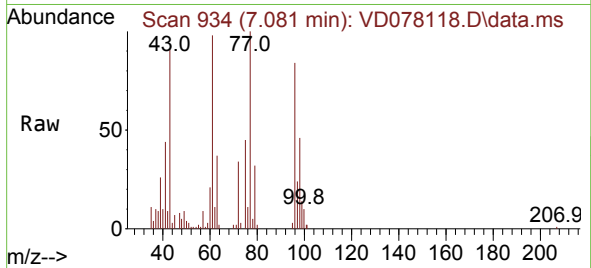




#27
 cis-1,2-Dichloroethene
 Concen: 17.475 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078118.D
 Acq: 02 Jan 2024 11:39

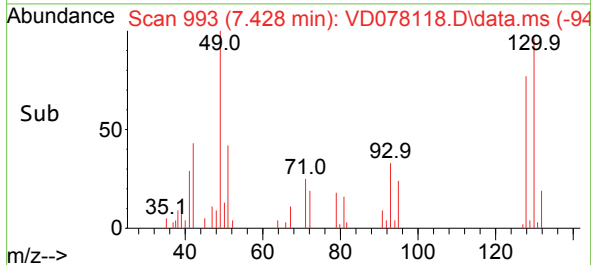
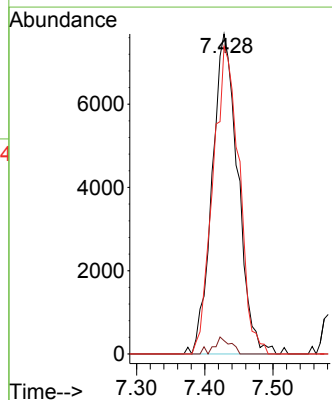
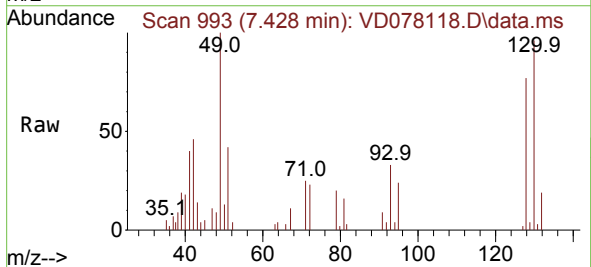
Instrument :
 MSVOA_D
 ClientSampleId :

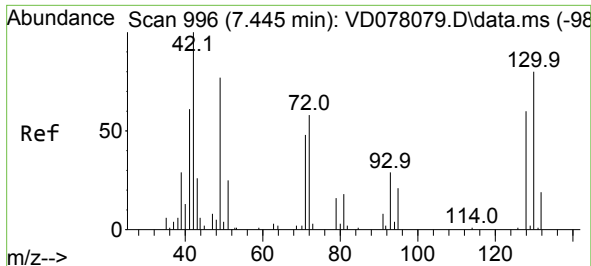
Tgt Ion: 96 Resp: 38172
 Ion Ratio Lower Upper
 96 100
 61 133.9 0.0 239.2
 98 69.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 17.715 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078118.D
 Acq: 02 Jan 2024 11:39

Tgt Ion: 49 Resp: 20283
 Ion Ratio Lower Upper
 49 100
 129 3.3 0.0 6.0
 130 97.2 83.2 124.8





#29

Tetrahydrofuran

Concen: 90.765 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD078118.D

Acq: 02 Jan 2024 11:39

Instrument :

MSVOA_D

ClientSampleId :

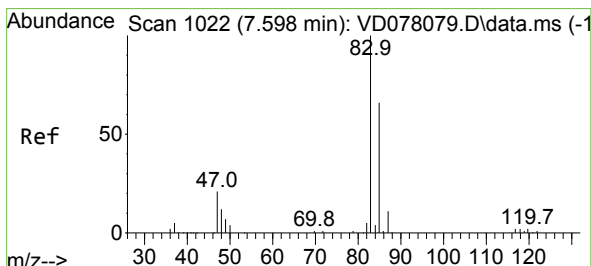
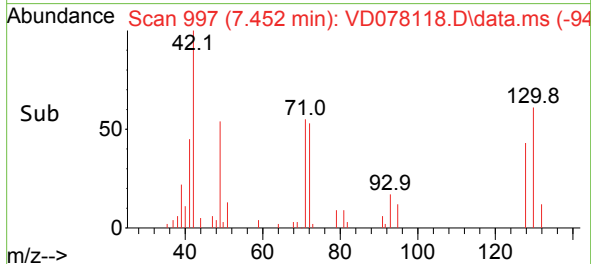
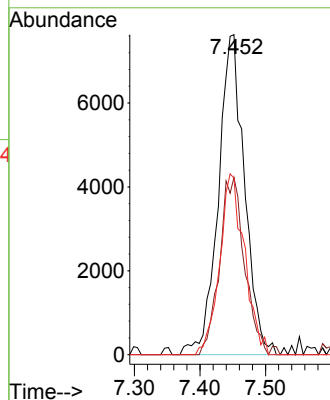
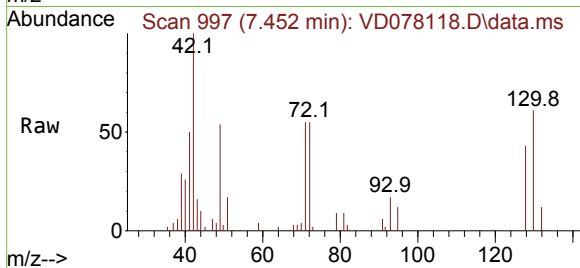
Tgt Ion: 42 Resp: 21190

Ion Ratio Lower Upper

42 100

72 52.8 46.5 69.7

71 53.5 44.5 66.7



#30

Chloroform

Concen: 18.899 ug/l

RT: 7.605 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VD078118.D

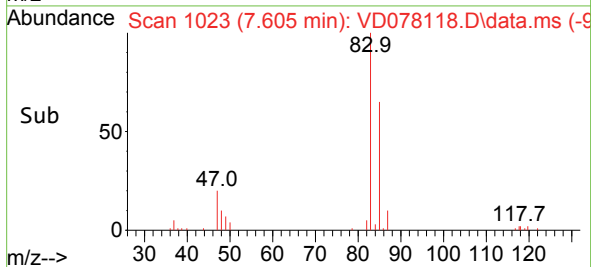
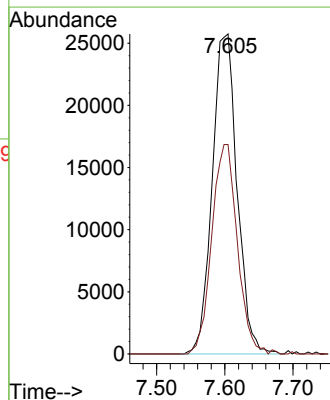
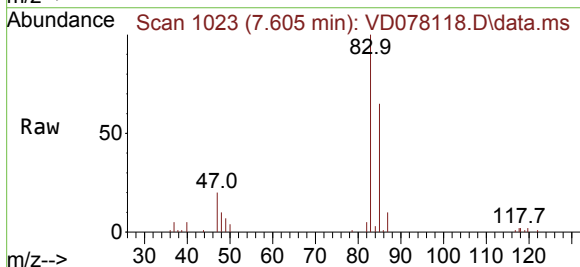
Acq: 02 Jan 2024 11:39

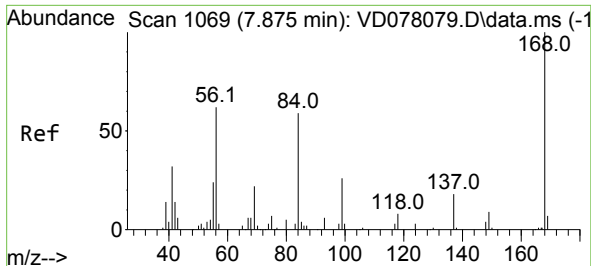
Tgt Ion: 83 Resp: 65547

Ion Ratio Lower Upper

83 100

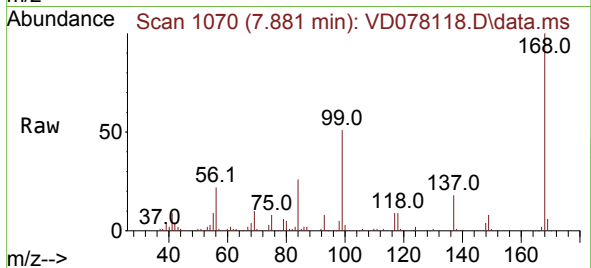
85 65.5 53.4 80.2



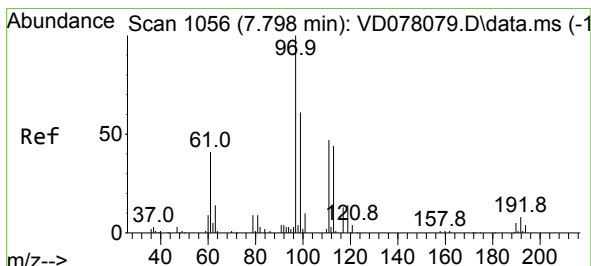
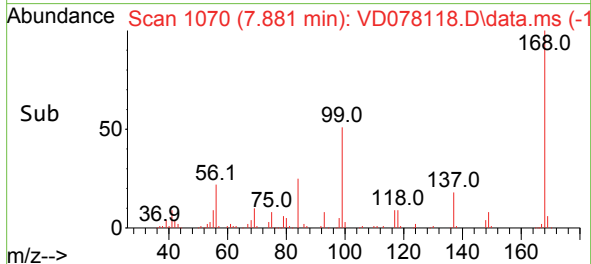
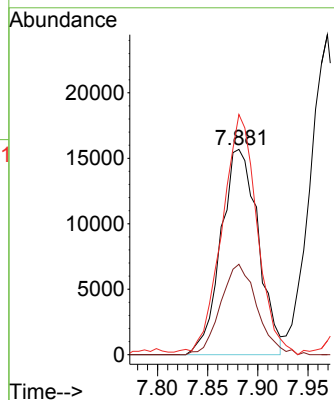


#31
Cyclohexane
Concen: 16.865 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Instrument :
MSVOA_D
ClientSampleId :

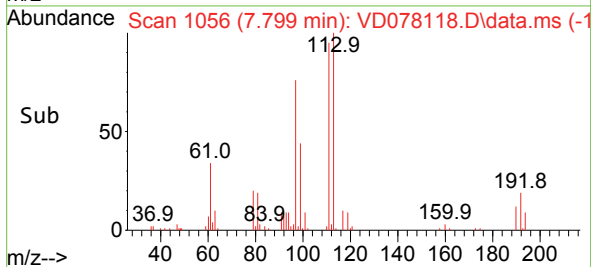
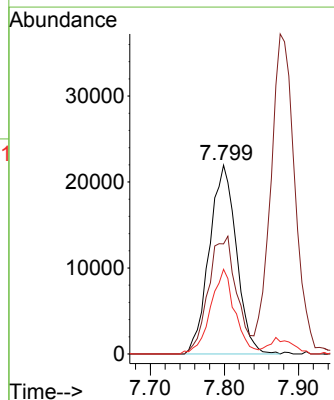
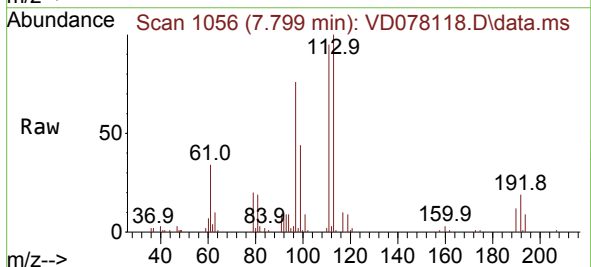


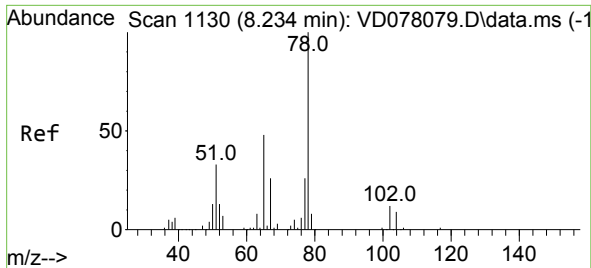
Tgt Ion: 56 Resp: 40575
Ion Ratio Lower Upper
56 100
69 44.1 28.6 43.0#
84 115.0 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 18.668 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion: 97 Resp: 55643
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 40.3 33.8 50.8

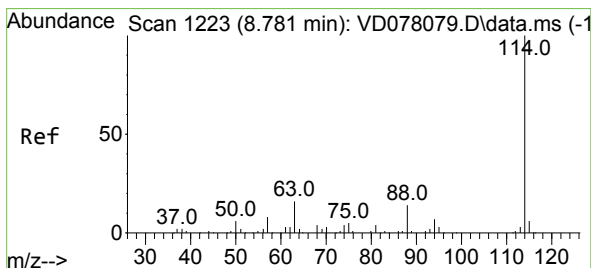
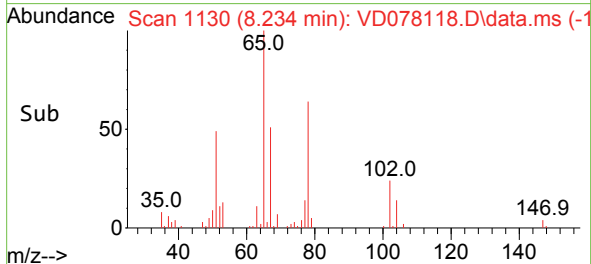
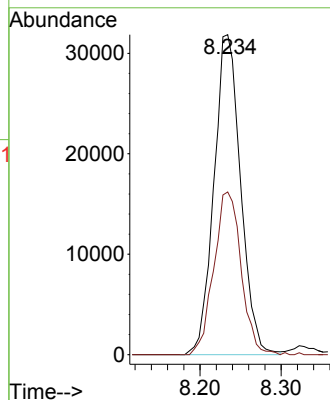
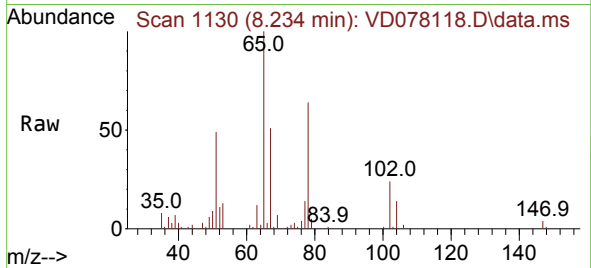




#33
1,2-Dichloroethane-d4
Concen: 48.214 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

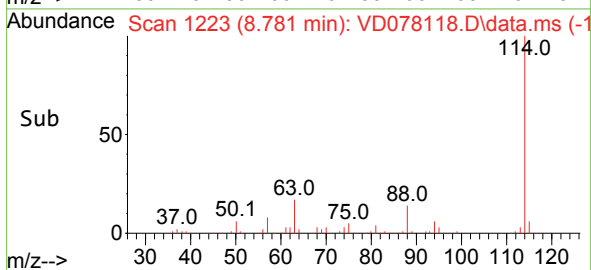
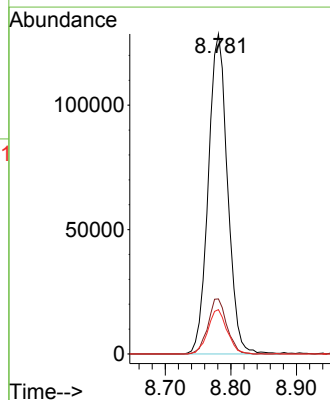
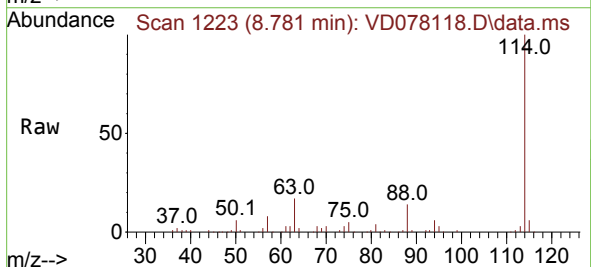
Instrument :
MSVOA_D
ClientSampleId :

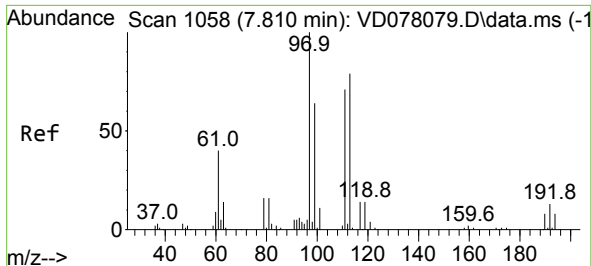
Tgt Ion: 65 Resp: 72712
Ion Ratio Lower Upper
65 100
67 52.1 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

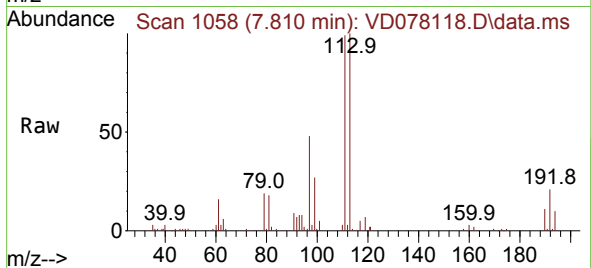
Tgt Ion:114 Resp: 262490
Ion Ratio Lower Upper
114 100
63 17.2 0.0 33.4
88 13.9 0.0 26.2



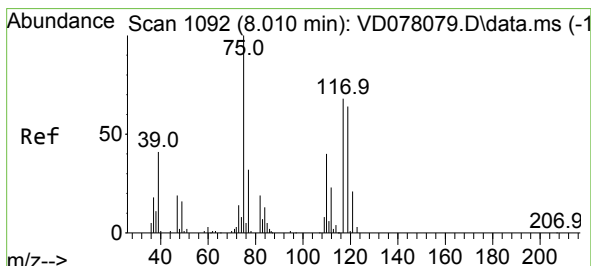
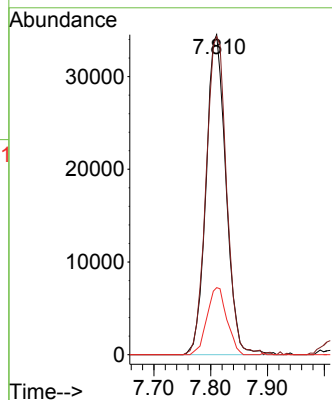
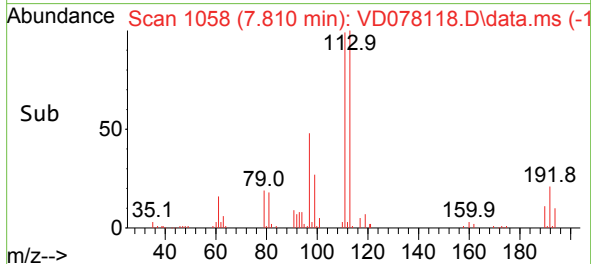


#35
Dibromofluoromethane
Concen: 49.619 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Instrument :
MSVOA_D
ClientSampleId :

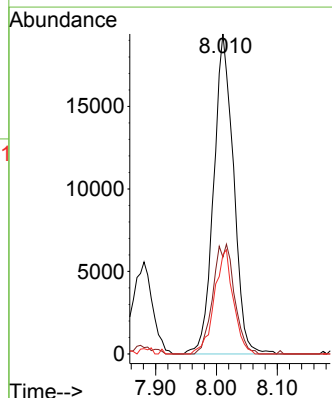
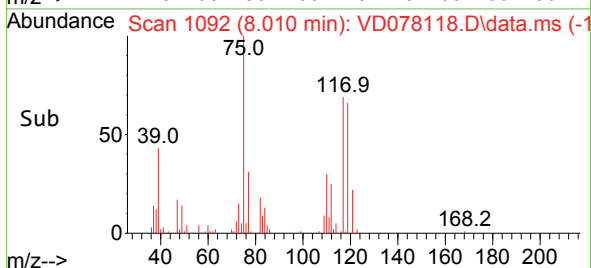
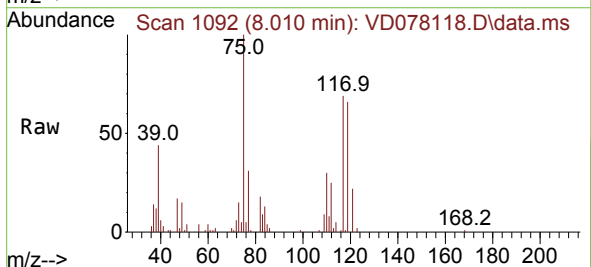


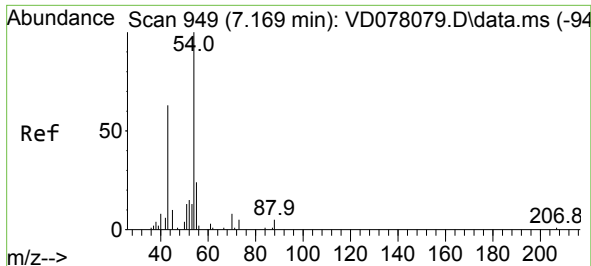
Tgt Ion:113 Resp: 83804
Ion Ratio Lower Upper
113 100
111 102.4 84.7 127.1
192 20.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 18.467 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

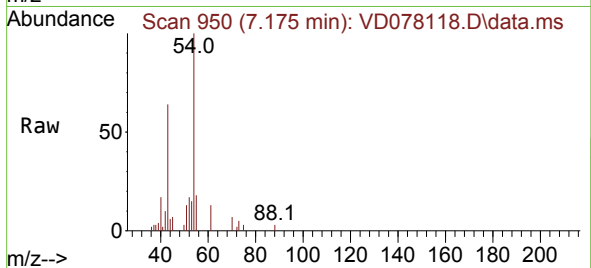
Tgt Ion: 75 Resp: 43885
Ion Ratio Lower Upper
75 100
110 37.4 19.9 59.6
77 31.3 24.7 37.1



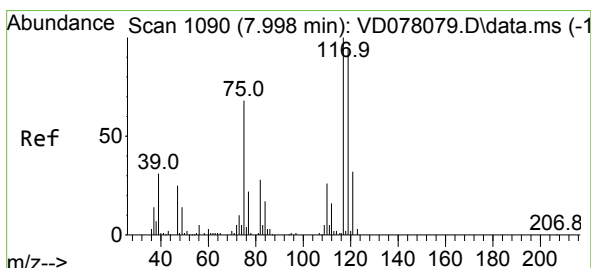
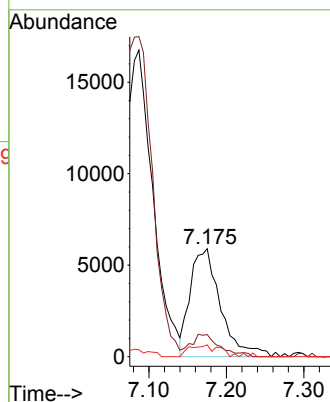
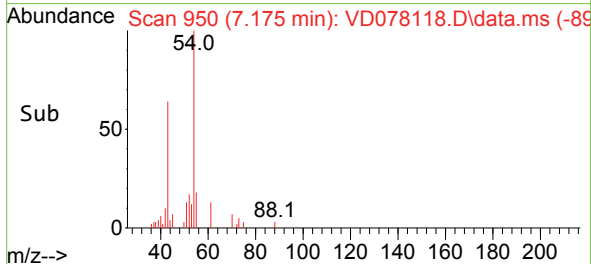


#37
Ethyl Acetate
Concen: 20.373 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Instrument :
MSVOA_D
ClientSampleId :

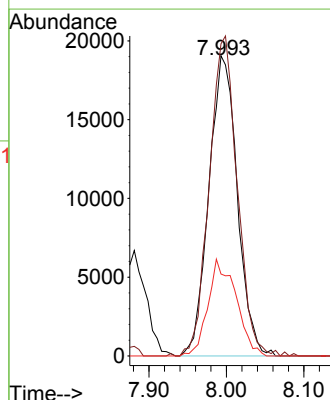
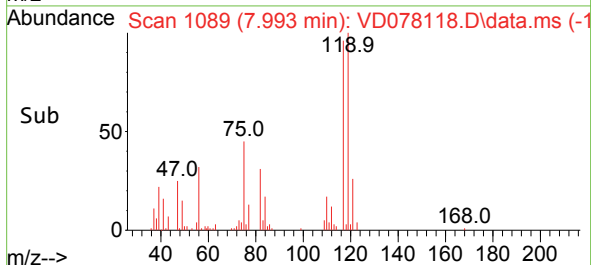
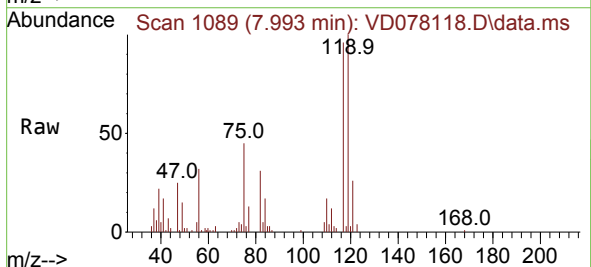


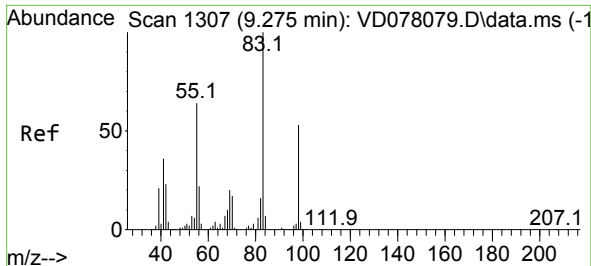
Tgt Ion: 43 Resp: 16102
Ion Ratio Lower Upper
43 100
61 18.7 14.9 22.3
70 7.4 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 18.862 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion: 117 Resp: 48571
Ion Ratio Lower Upper
117 100
119 104.0 78.0 117.0
121 27.3 24.2 36.2





#39

Methylcyclohexane

Concen: 18.026 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

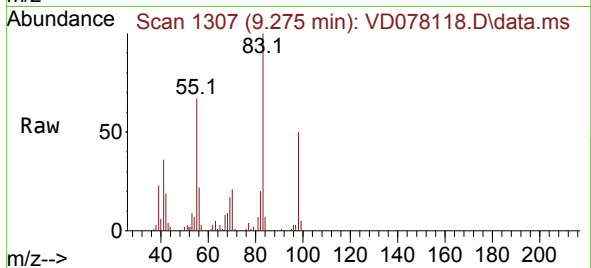
Lab File: VD078118.D

Acq: 02 Jan 2024 11:39

Instrument :

MSVOA_D

ClientSampleId :



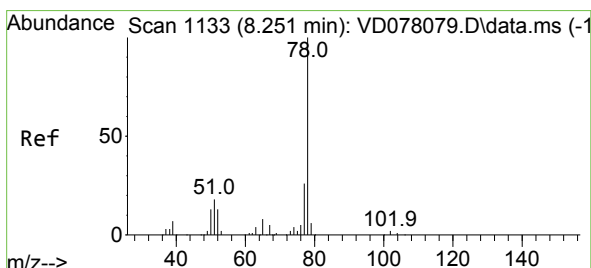
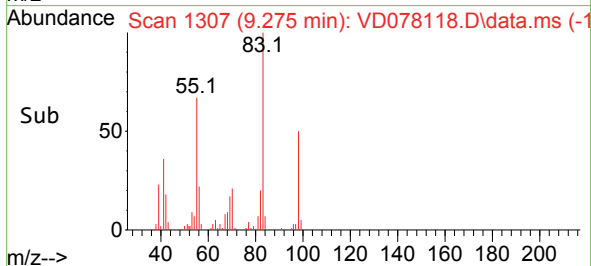
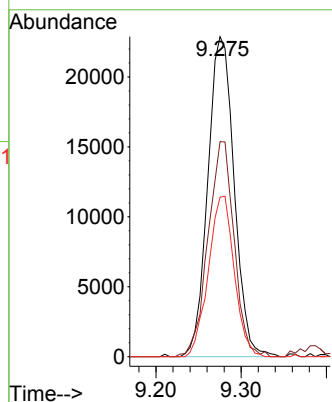
Tgt Ion: 83 Resp: 49113

Ion Ratio Lower Upper

83 100

55 67.2 49.4 74.0

98 49.9 38.4 57.6



#40

Benzene

Concen: 18.989 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078118.D

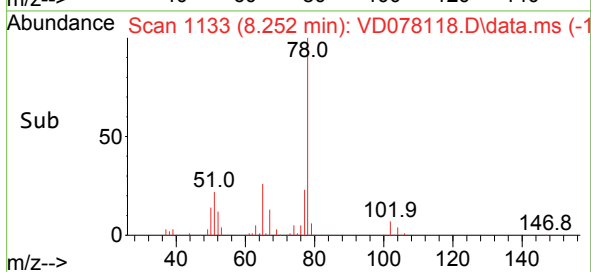
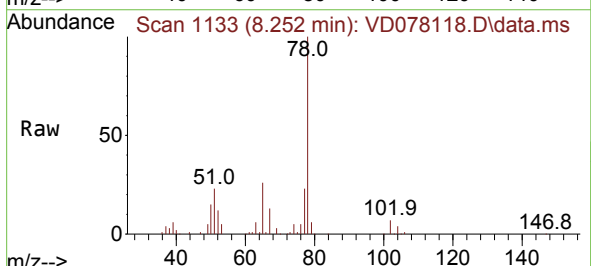
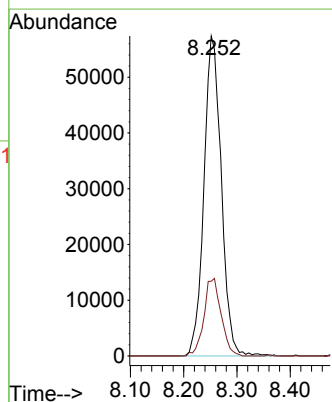
Acq: 02 Jan 2024 11:39

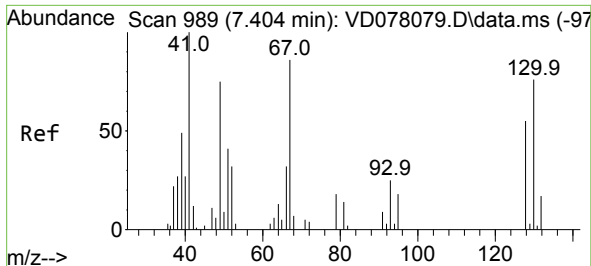
Tgt Ion: 78 Resp: 130062

Ion Ratio Lower Upper

78 100

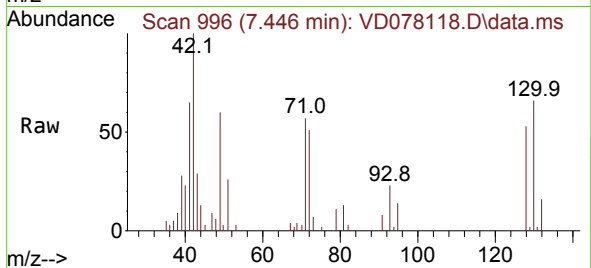
77 23.4 19.4 29.0



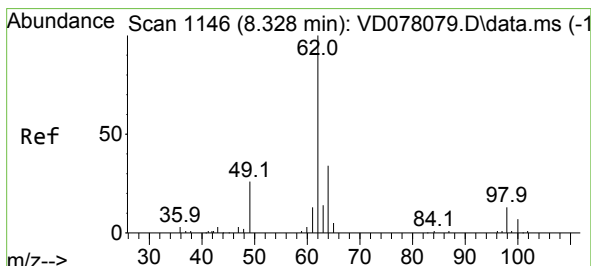
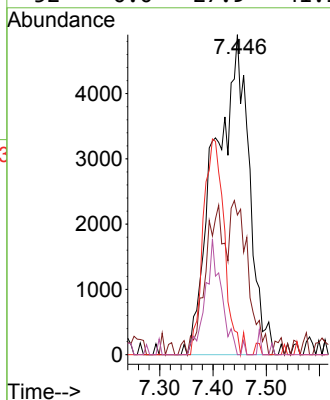
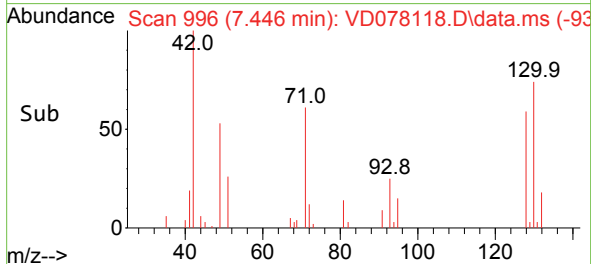


#41
Methacrylonitrile
Concen: 43.728 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.042 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Instrument :
MSVOA_D
ClientSampleId :

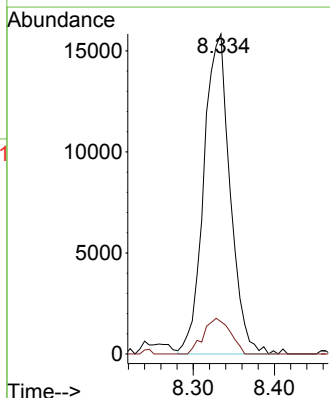
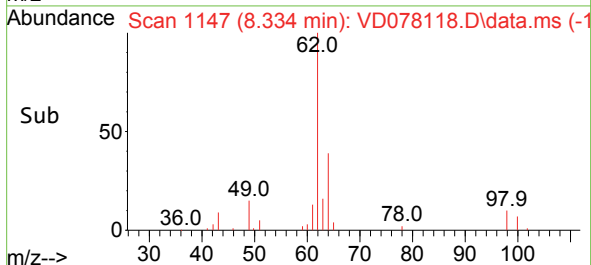
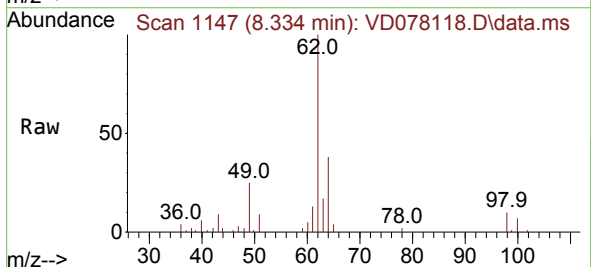


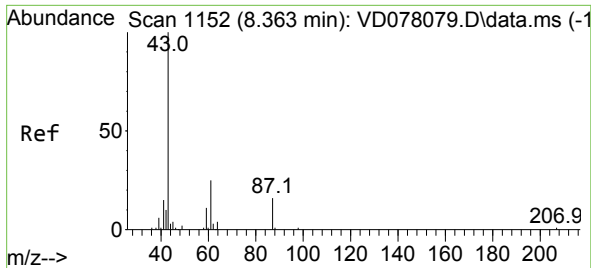
Tgt Ion: 41 Resp: 21865
Ion Ratio Lower Upper
41 100
39 24.8 34.0 51.0#
67 0.0 77.0 115.4#
52 0.0 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 19.251 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

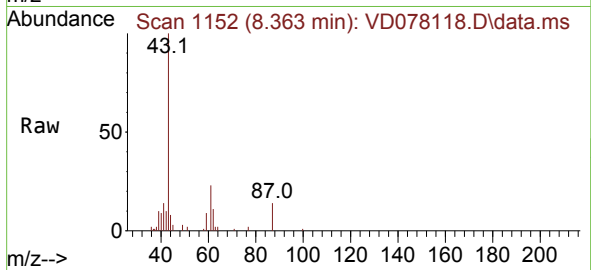
Tgt Ion: 62 Resp: 35633
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.4



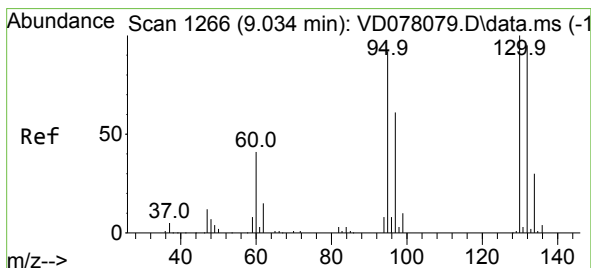
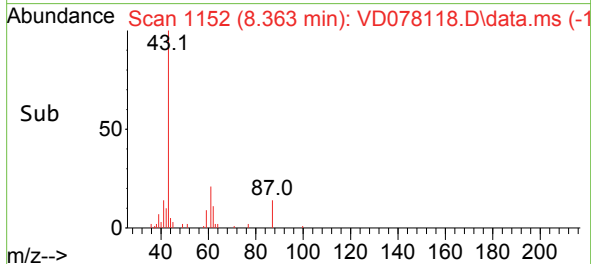
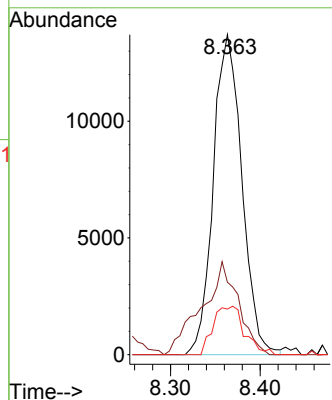


#43
Isopropyl Acetate
Concen: 19.184 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Instrument :
MSVOA_D
ClientSampleId :

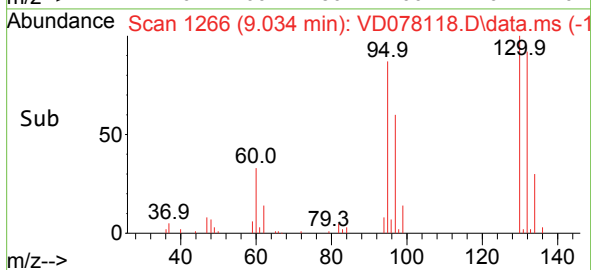
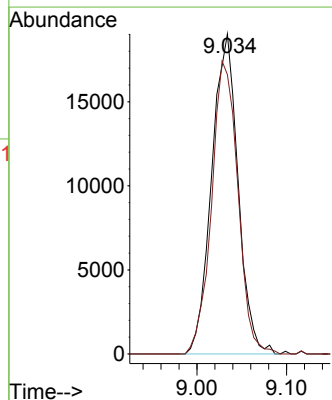
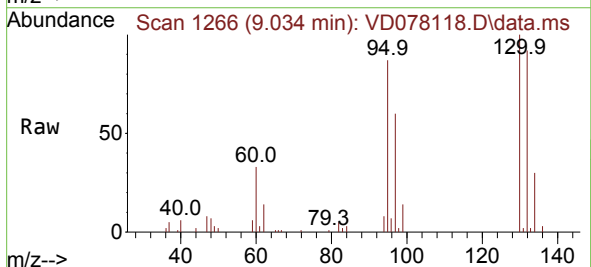


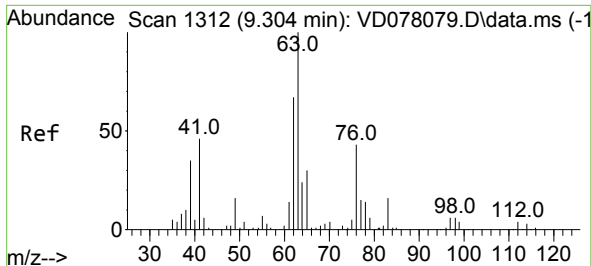
Tgt Ion: 43 Resp: 30356
Ion Ratio Lower Upper
43 100
61 37.2 31.4 47.0
87 16.6 14.9 22.3



#44
Trichloroethene
Concen: 19.691 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion:130 Resp: 38801
Ion Ratio Lower Upper
130 100
95 87.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 18.757 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078118.D

Acq: 02 Jan 2024 11:39

Instrument :

MSVOA_D

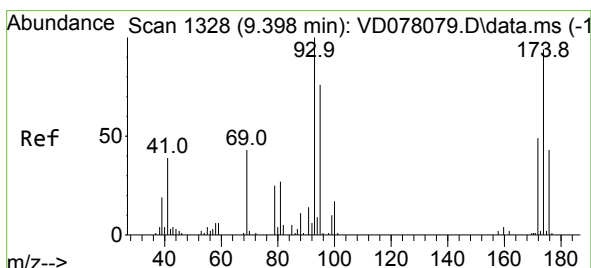
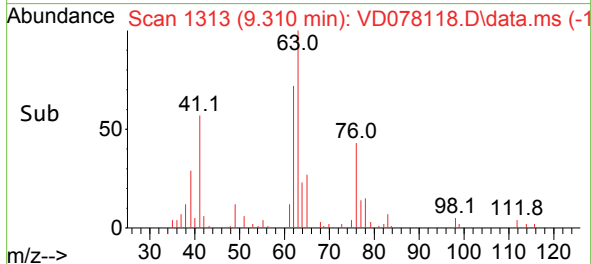
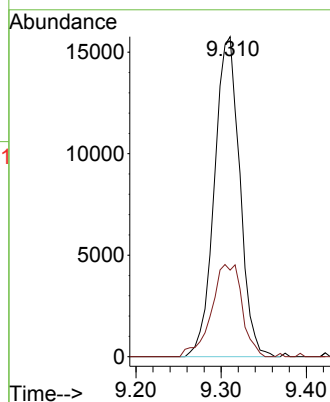
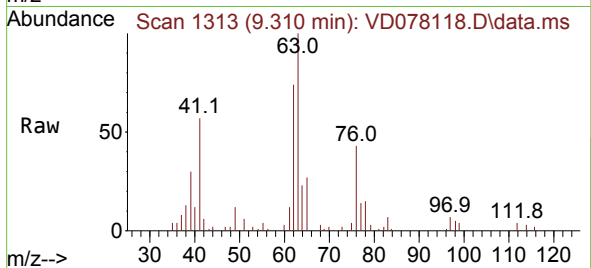
ClientSampleId :

Tgt Ion: 63 Resp: 32554

Ion Ratio Lower Upper

63 100

65 27.1 24.5 36.7



#46

Dibromomethane

Concen: 20.464 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD078118.D

Acq: 02 Jan 2024 11:39

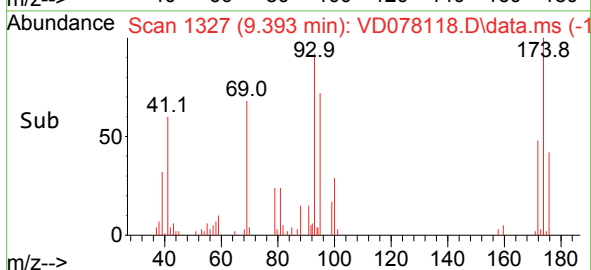
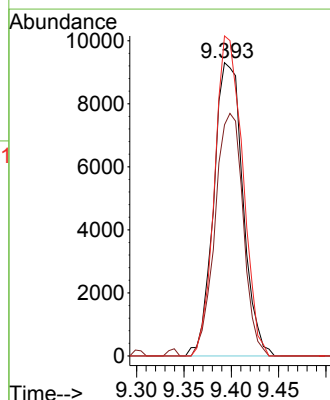
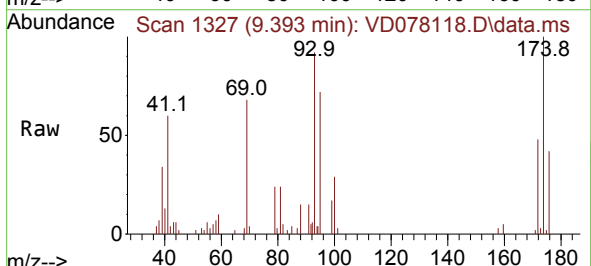
Tgt Ion: 93 Resp: 19892

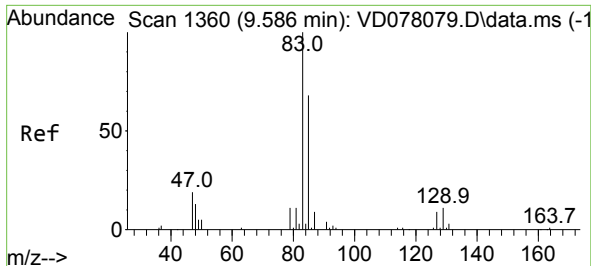
Ion Ratio Lower Upper

93 100

95 79.9 67.7 101.5

174 104.8 85.4 128.2

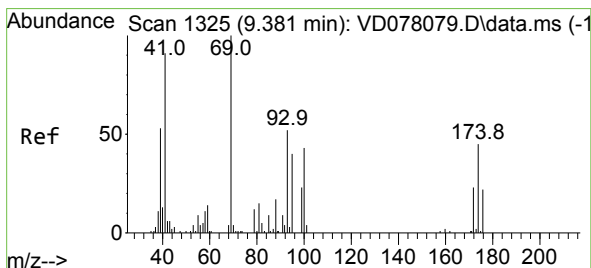
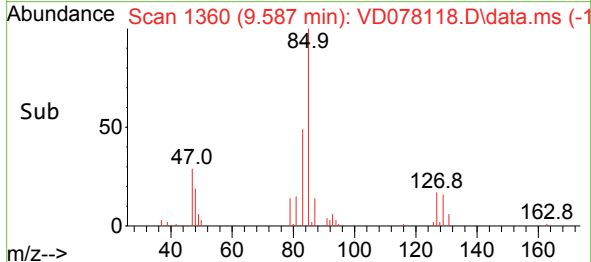
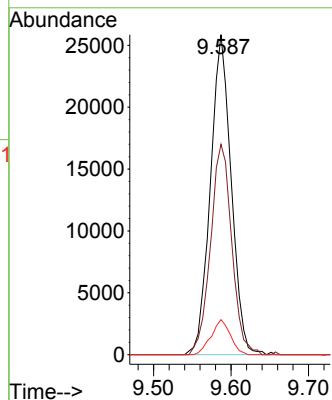
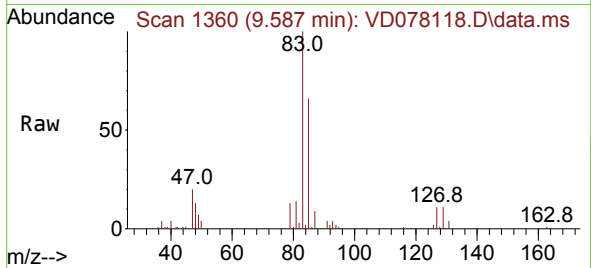




#47
Bromodichloromethane
Concen: 19.113 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

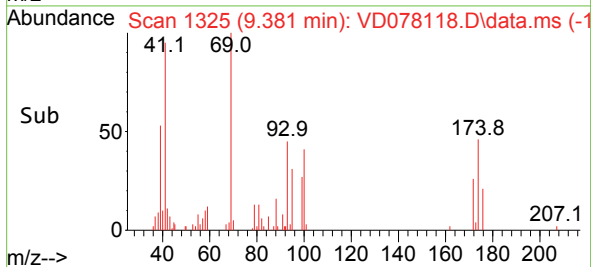
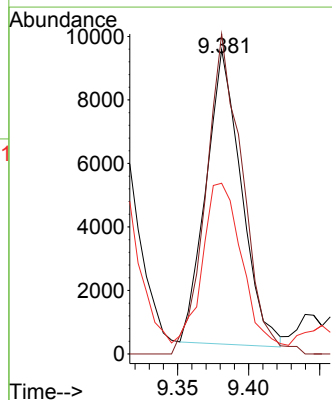
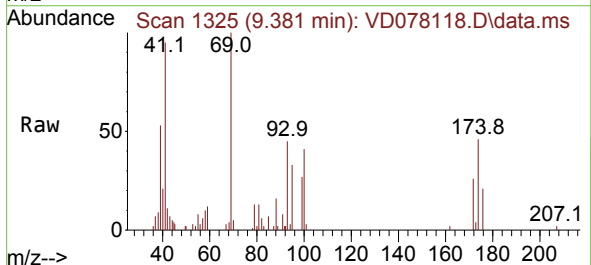
Instrument :
MSVOA_D
ClientSampleId :

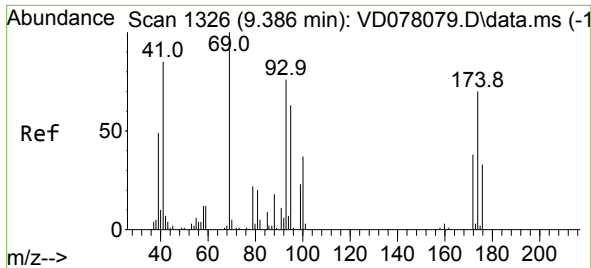
Tgt Ion: 83 Resp: 48261
Ion Ratio Lower Upper
83 100
85 65.8 50.2 75.4
127 11.0 6.3 9.5#



#48
Methyl methacrylate
Concen: 17.917 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion: 41 Resp: 15978
Ion Ratio Lower Upper
41 100
69 112.9 102.2 153.2
39 68.3 41.4 62.2#





#49

1,4-Dioxane

Concen: 418.420 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.005 min

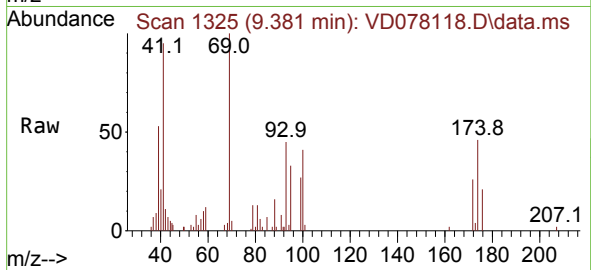
Lab File: VD078118.D

Acq: 02 Jan 2024 11:39

Instrument :

MSVOA_D

ClientSampleId :



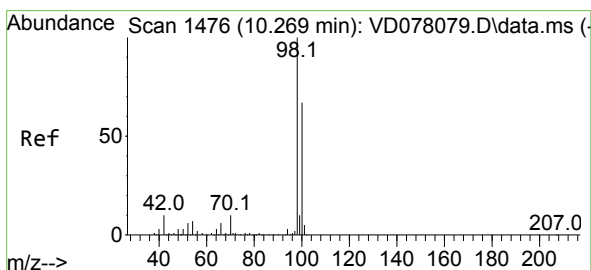
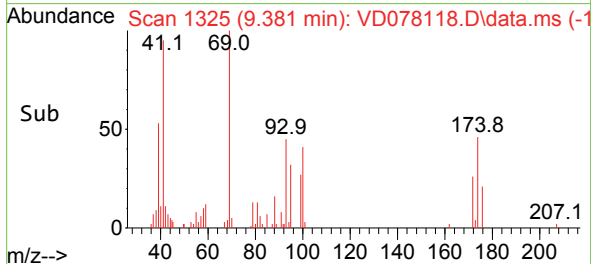
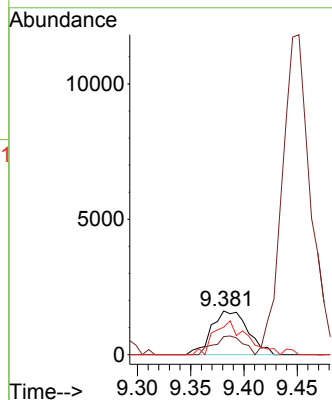
Tgt Ion: 88 Resp: 3845

Ion Ratio Lower Upper

88 100

43 34.1 19.0 28.6#

58 69.2 43.5 65.3#



#50

Toluene-d8

Concen: 50.736 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078118.D

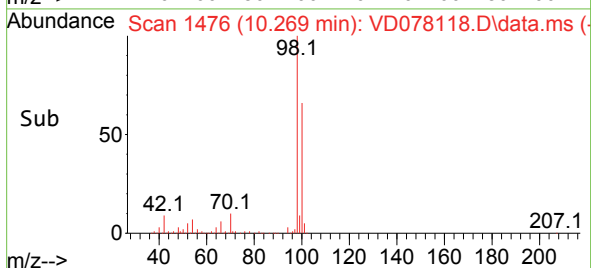
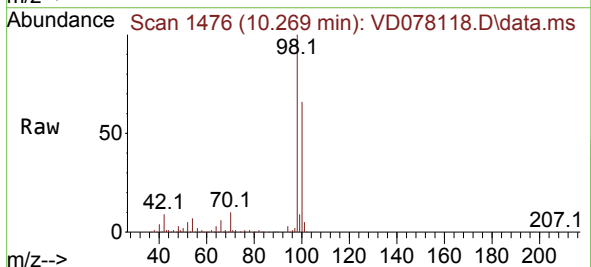
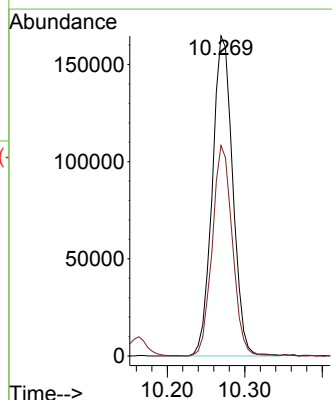
Acq: 02 Jan 2024 11:39

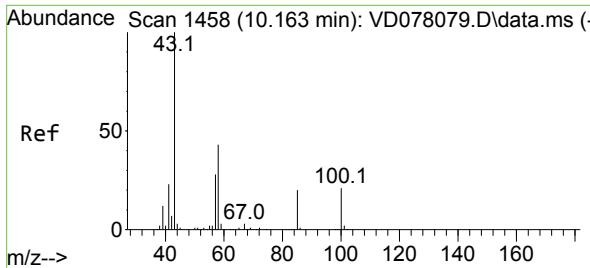
Tgt Ion: 98 Resp: 301515

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5

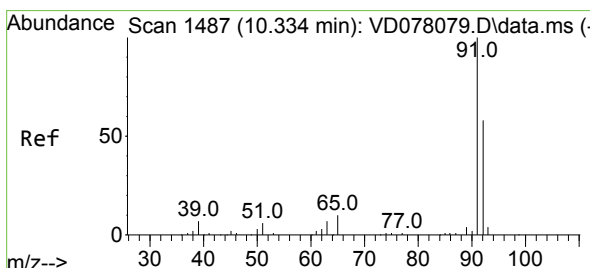
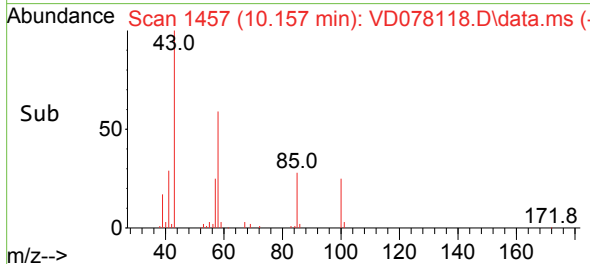
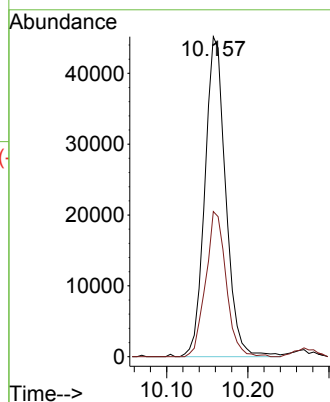
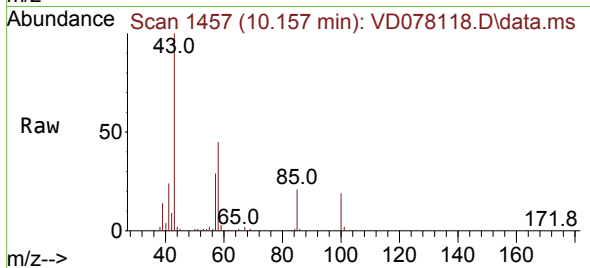




#51
4-Methyl-2-Pentanone
Concen: 99.008 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

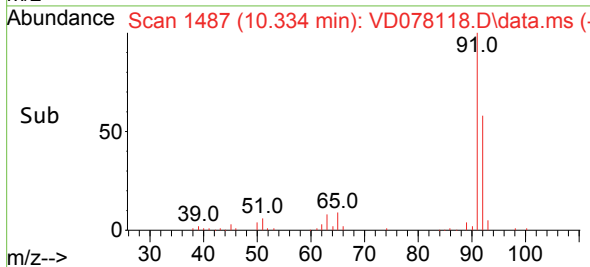
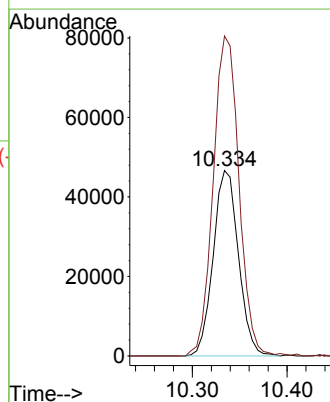
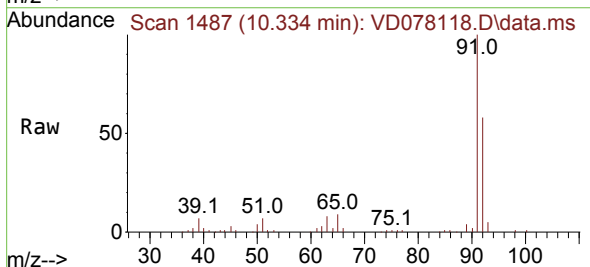
Instrument :
MSVOA_D
ClientSampleId :

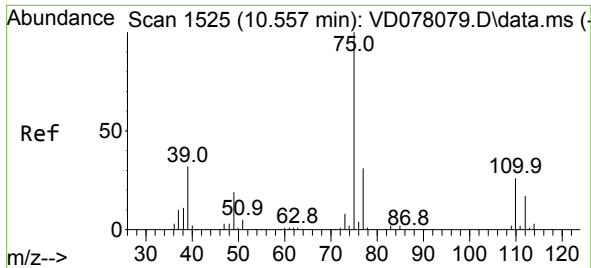
Tgt Ion: 43 Resp: 80388
Ion Ratio Lower Upper
43 100
58 44.6 38.9 58.3



#52
Toluene
Concen: 19.422 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion: 92 Resp: 86280
Ion Ratio Lower Upper
92 100
91 176.7 143.0 214.4

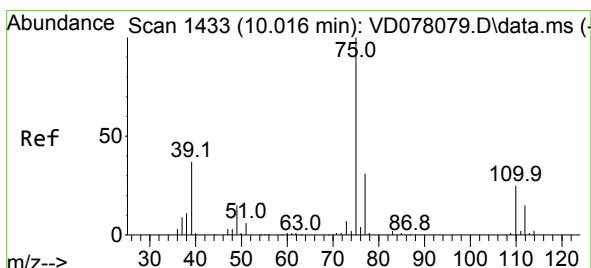
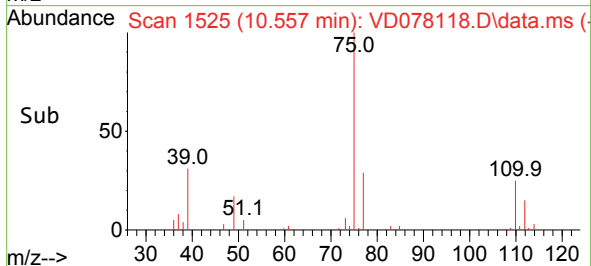
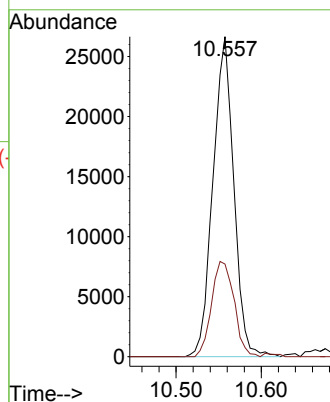
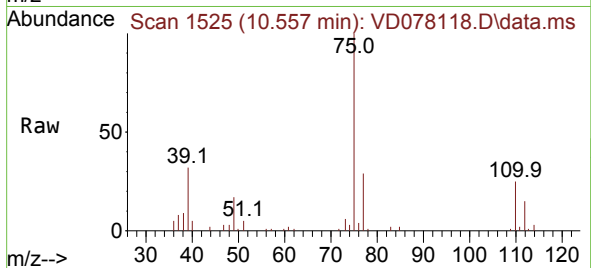




#53
 t-1,3-Dichloropropene
 Concen: 19.744 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD078118.D
 Acq: 02 Jan 2024 11:39

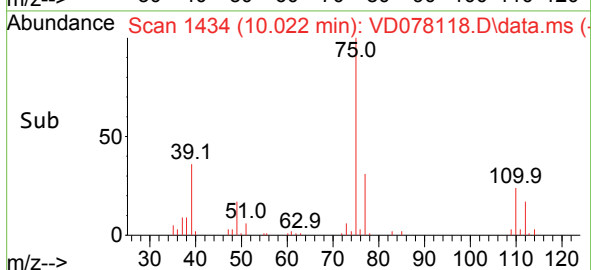
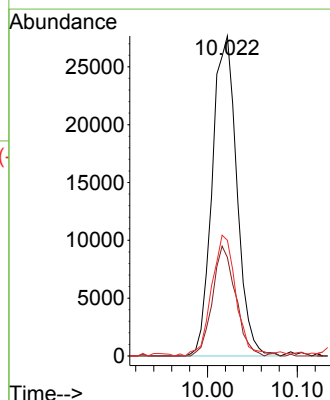
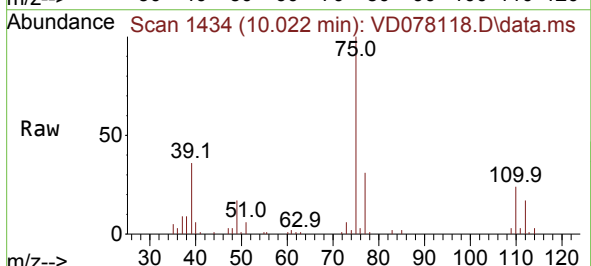
Instrument :
 MSVOA_D
 ClientSampleId :

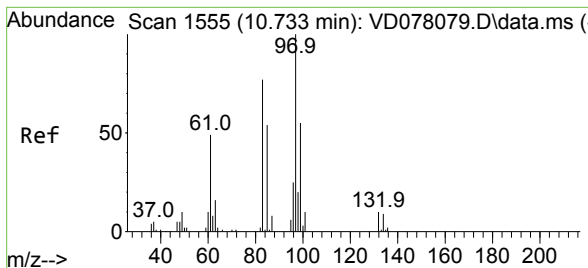
Tgt Ion: 75 Resp: 45232
 Ion Ratio Lower Upper
 75 100
 77 28.9 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.122 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD078118.D
 Acq: 02 Jan 2024 11:39

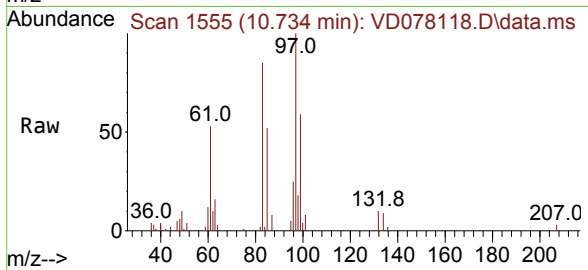
Tgt Ion: 75 Resp: 52607
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.5 38.3
 39 35.5 22.1 33.1#



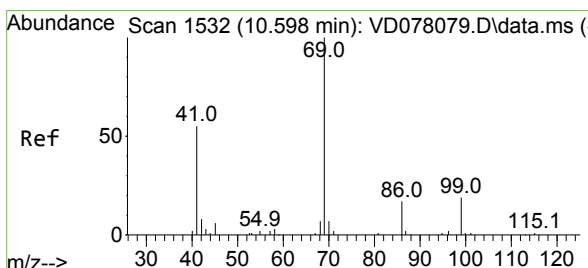
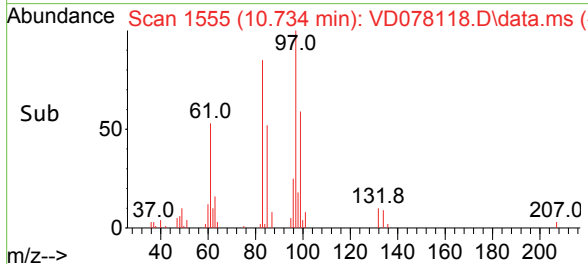
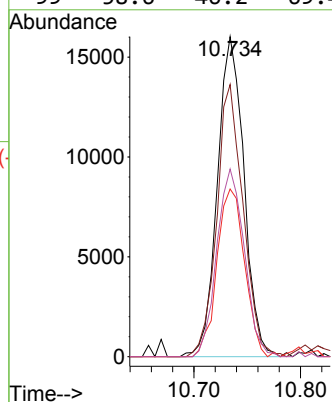


#55
1,1,2-Trichloroethane
Concen: 20.288 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Instrument :
MSVOA_D
ClientSampleId :

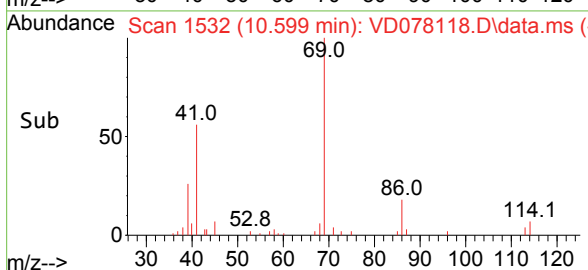
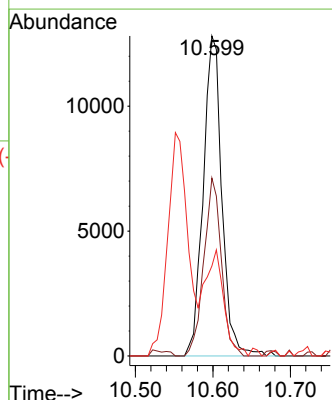
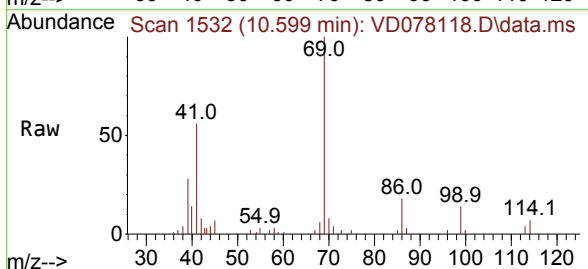


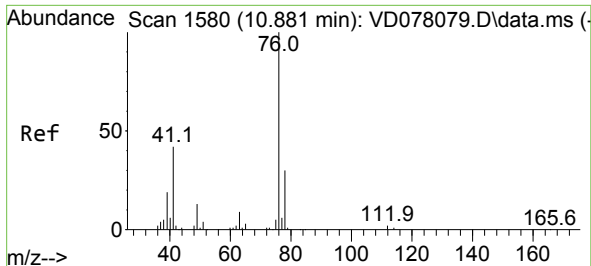
Tgt Ion:	97	Resp:	27752
Ion	Ratio	Lower	Upper
97	100		
83	85.1	65.8	98.6
85	52.4	45.7	68.5
99	58.6	46.2	69.4



#56
Ethyl methacrylate
Concen: 19.817 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion:	69	Resp:	21513
Ion	Ratio	Lower	Upper
69	100		
41	52.2	39.1	58.7
39	33.3	20.0	30.0





#57

1,3-Dichloropropane

Concen: 19.200 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078118.D

Acq: 02 Jan 2024 11:39

Instrument :

MSVOA_D

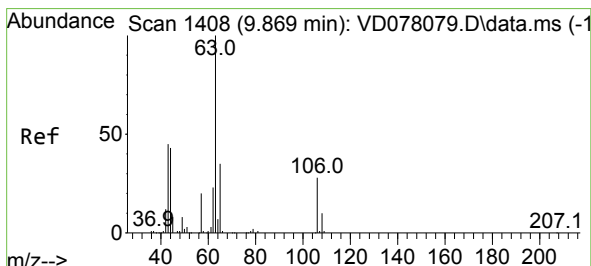
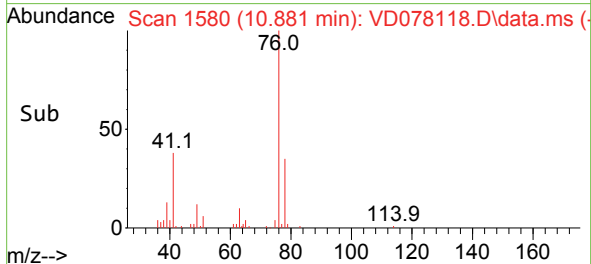
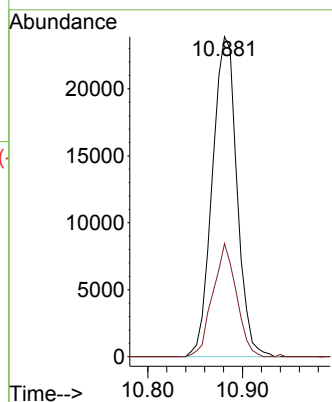
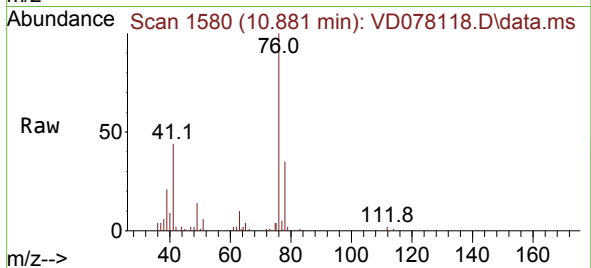
ClientSampleId :

Tgt Ion: 76 Resp: 43153

Ion Ratio Lower Upper

76 100

78 33.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 104.035 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD078118.D

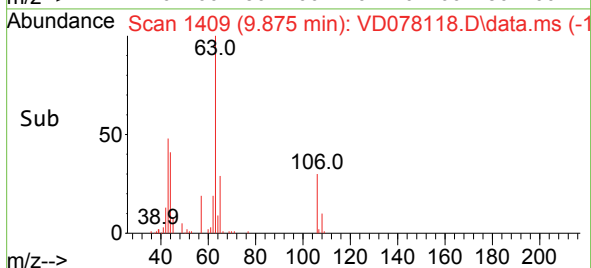
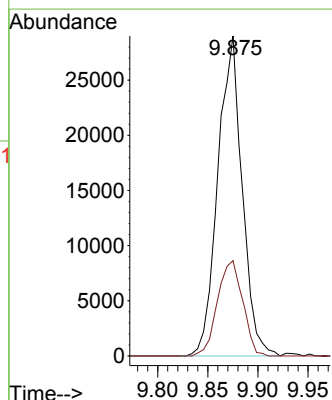
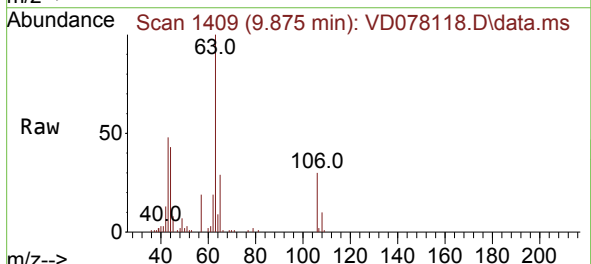
Acq: 02 Jan 2024 11:39

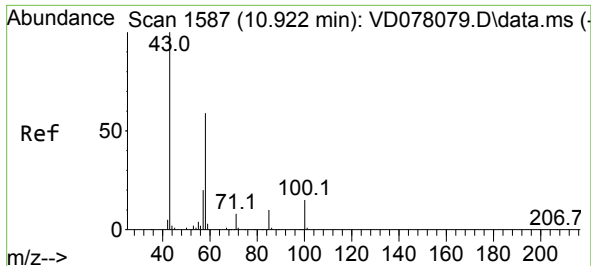
Tgt Ion: 63 Resp: 48896

Ion Ratio Lower Upper

63 100

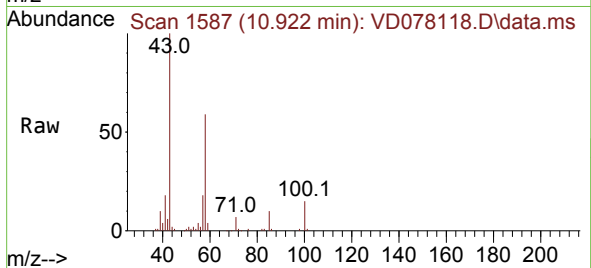
106 30.9 25.3 37.9



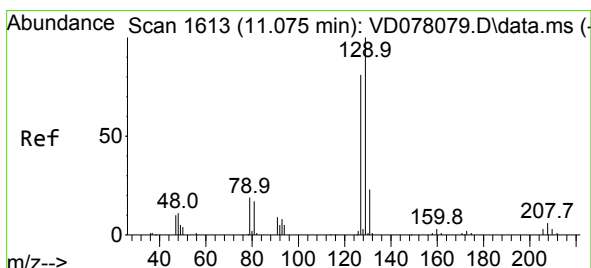
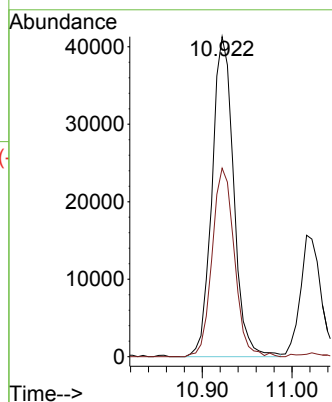
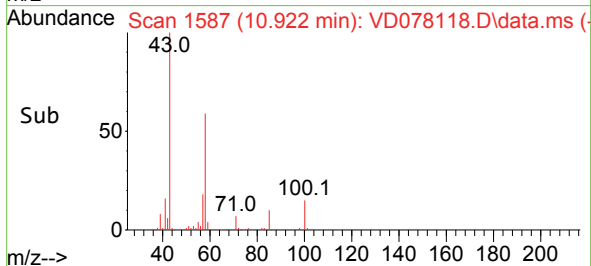


#59
2-Hexanone
Concen: 109.721 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Instrument :
MSVOA_D
ClientSampleId :

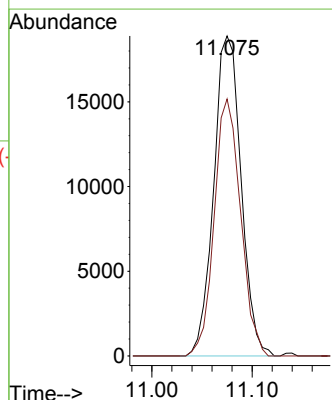
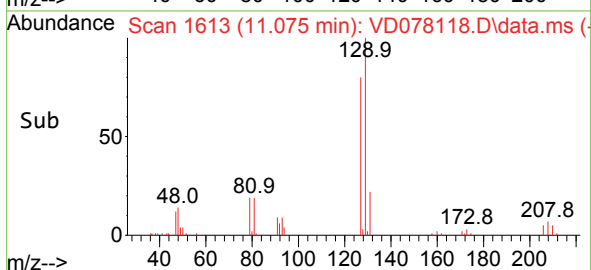
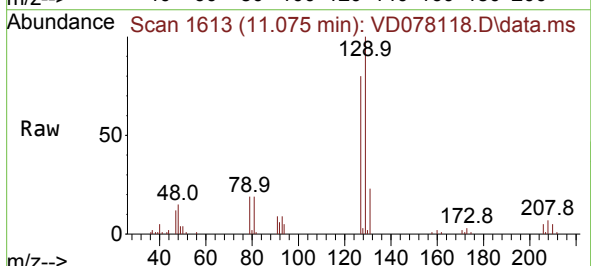


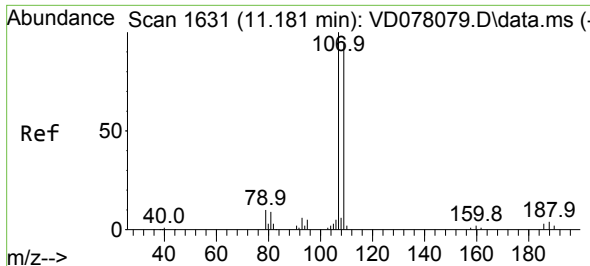
Tgt Ion: 43 Resp: 69199
Ion Ratio Lower Upper
43 100
58 60.4 34.1 102.2



#60
Dibromochloromethane
Concen: 20.578 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion: 129 Resp: 35860
Ion Ratio Lower Upper
129 100
127 77.4 37.1 111.5

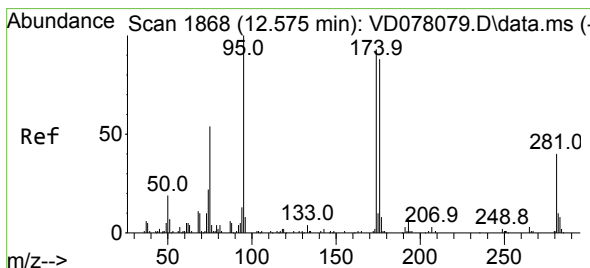
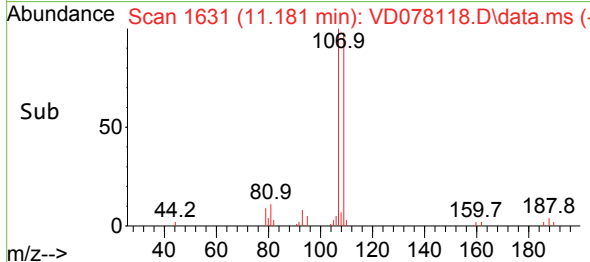
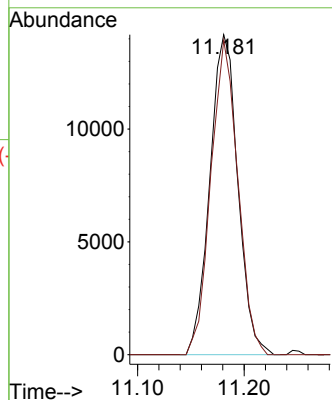
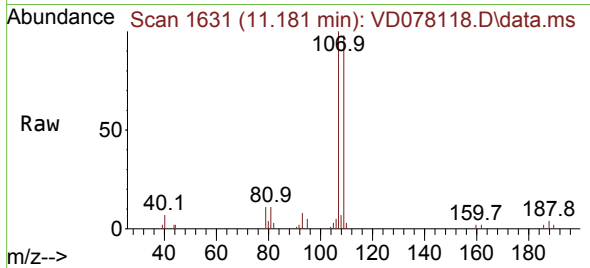




#61
1,2-Dibromoethane
Concen: 19.722 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

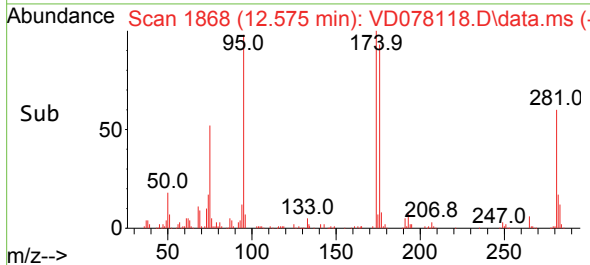
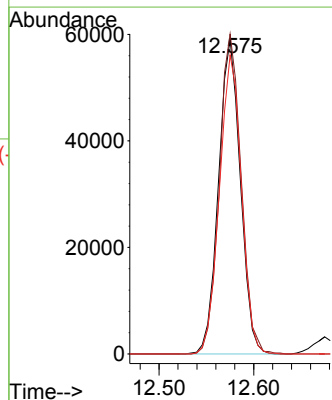
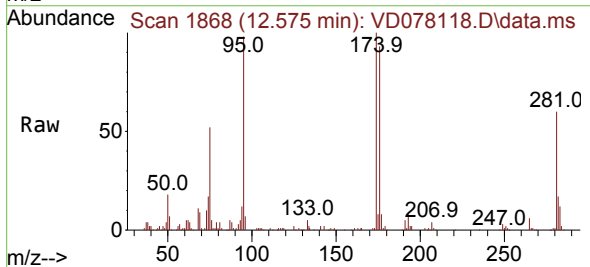
Instrument :
MSVOA_D
ClientSampleId :

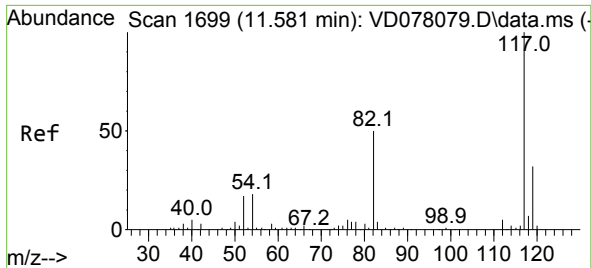
Tgt Ion:107 Resp: 25865
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.372 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion: 95 Resp: 94408
Ion Ratio Lower Upper
95 100
174 102.0 0.0 201.8
176 95.9 0.0 191.8

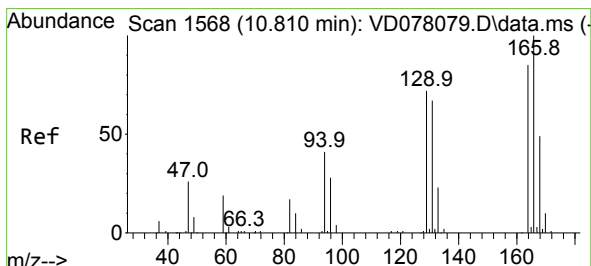
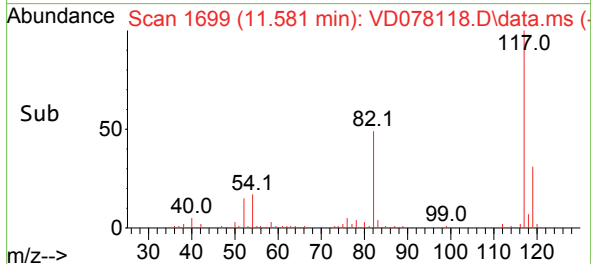
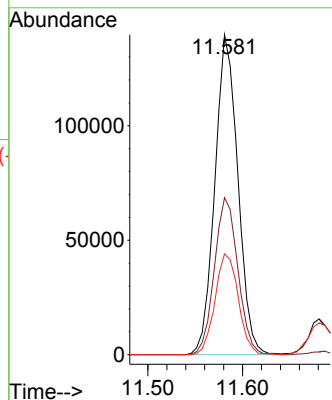
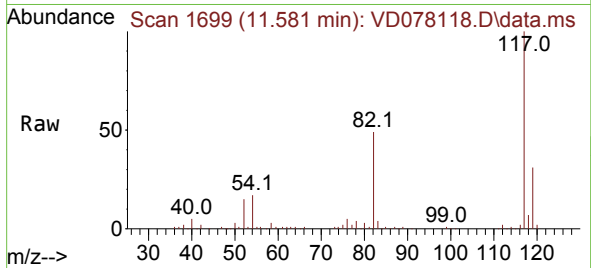




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

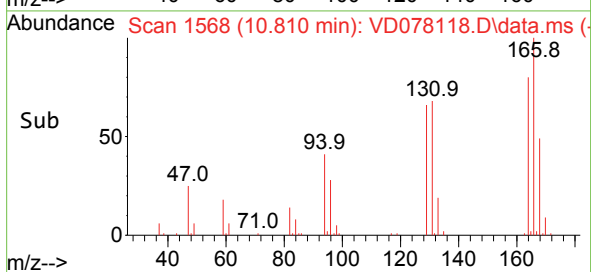
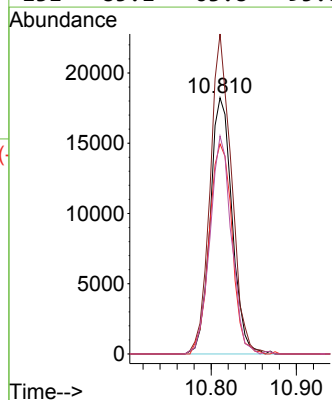
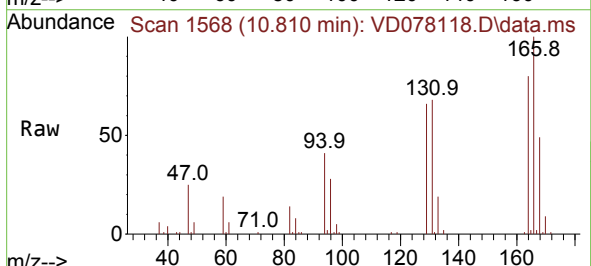
Instrument :
MSVOA_D
ClientSampleId :

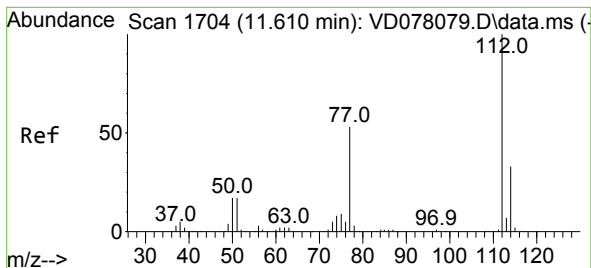
Tgt Ion:117 Resp: 235923
Ion Ratio Lower Upper
117 100
82 49.1 38.3 57.5
119 31.5 25.0 37.4



#64
Tetrachloroethene
Concen: 20.451 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion:164 Resp: 32602
Ion Ratio Lower Upper
164 100
166 124.9 99.2 148.8
129 82.0 68.4 102.6
131 85.1 63.8 95.8





#65

Chlorobenzene

Concen: 19.819 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD078118.D

Acq: 02 Jan 2024 11:39

Instrument :

MSVOA_D

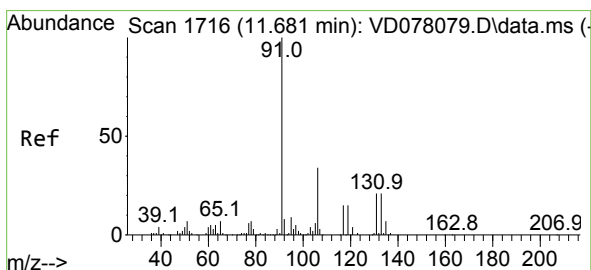
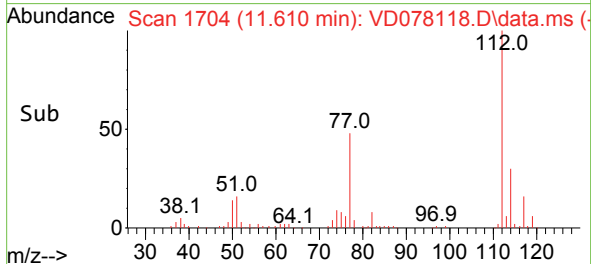
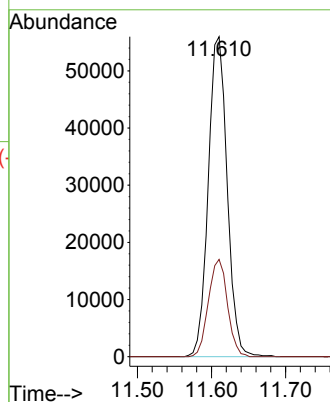
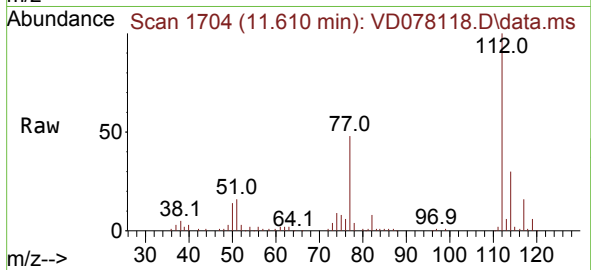
ClientSampleId :

Tgt Ion:112 Resp: 99337

Ion Ratio Lower Upper

112 100

114 30.4 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.395 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078118.D

Acq: 02 Jan 2024 11:39

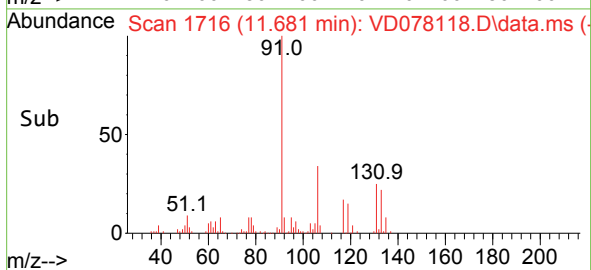
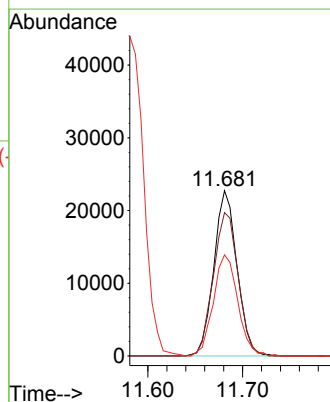
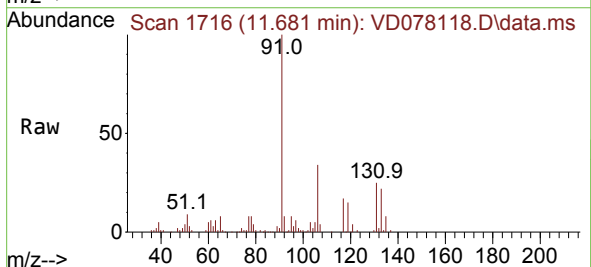
Tgt Ion:131 Resp: 38690

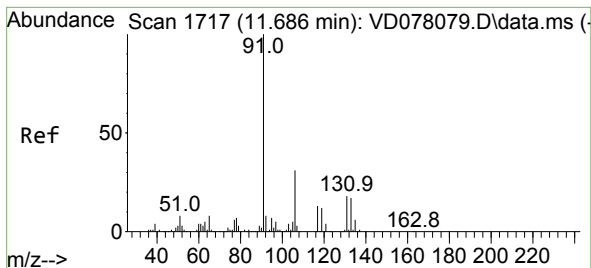
Ion Ratio Lower Upper

131 100

133 93.3 48.5 145.5

119 64.6 35.6 106.9





#67

Ethyl Benzene

Concen: 18.577 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD078118.D

Acq: 02 Jan 2024 11:39

Instrument :

MSVOA_D

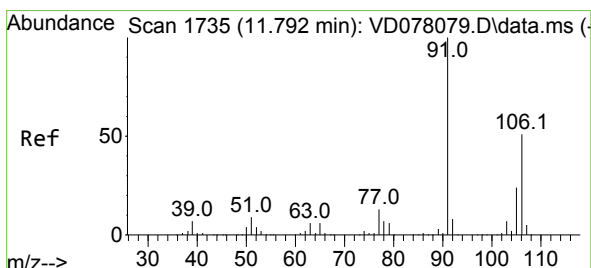
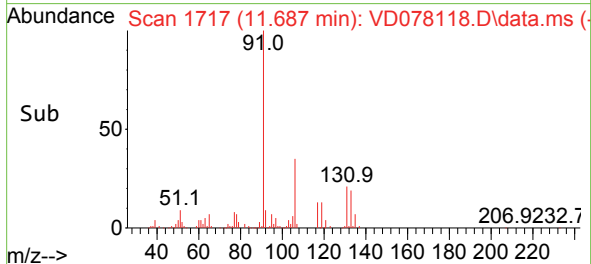
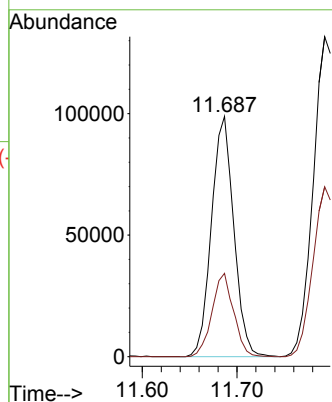
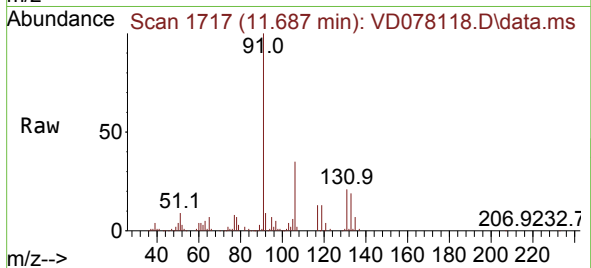
ClientSampleId :

Tgt Ion: 91 Resp: 162320

Ion Ratio Lower Upper

91 100

106 34.7 26.5 39.7



#68

m/p-Xylenes

Concen: 38.739 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078118.D

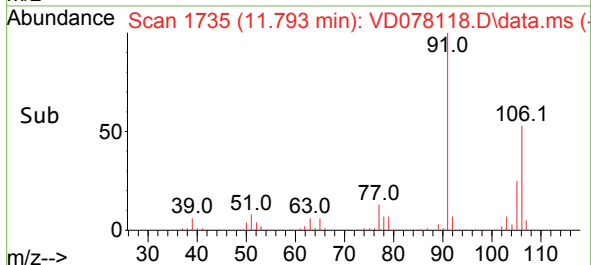
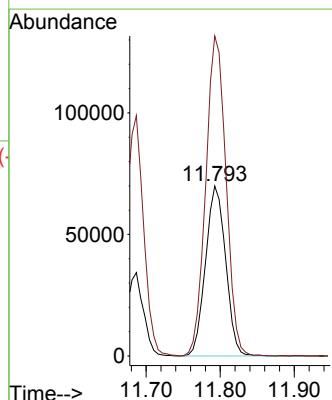
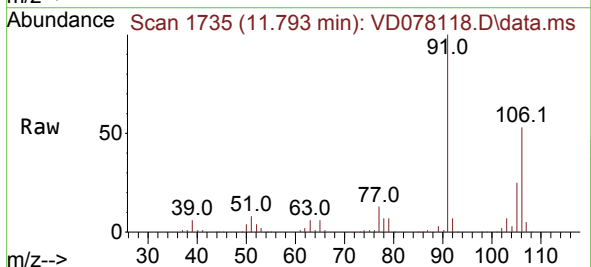
Acq: 02 Jan 2024 11:39

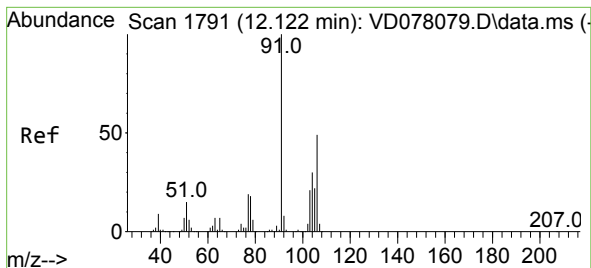
Tgt Ion: 106 Resp: 131738

Ion Ratio Lower Upper

106 100

91 189.7 147.0 220.6





#69

o-Xylene

Concen: 18.722 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078118.D

Acq: 02 Jan 2024 11:39

Instrument :

MSVOA_D

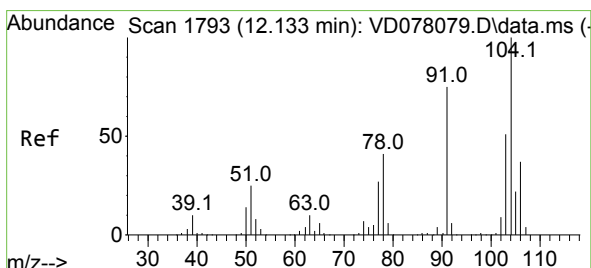
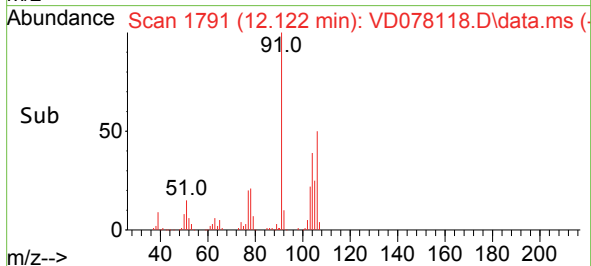
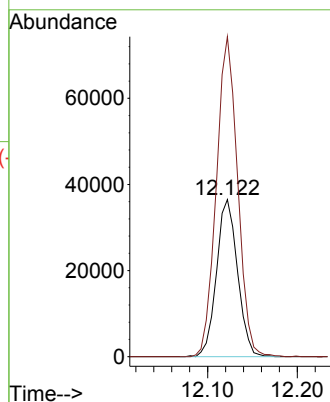
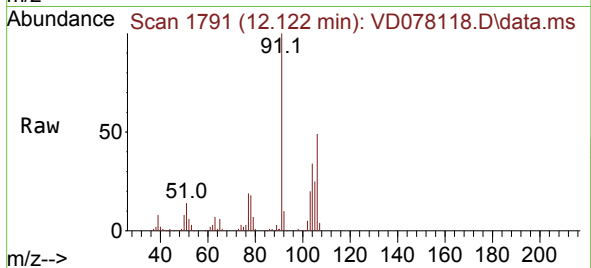
ClientSampleId :

Tgt Ion:106 Resp: 59339

Ion Ratio Lower Upper

106 100

91 206.6 97.9 293.6



#70

Styrene

Concen: 19.519 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078118.D

Acq: 02 Jan 2024 11:39

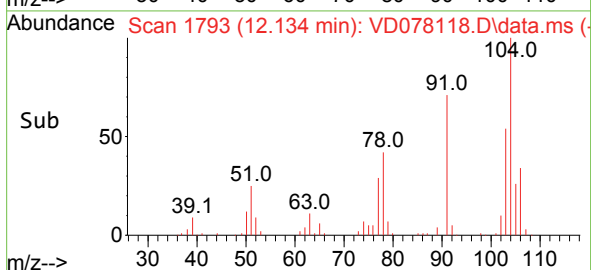
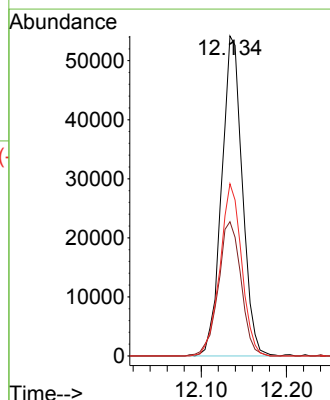
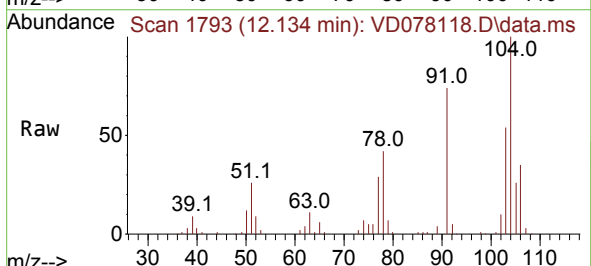
Tgt Ion:104 Resp: 91339

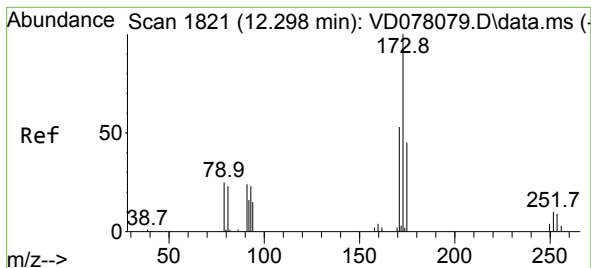
Ion Ratio Lower Upper

104 100

78 46.2 33.2 49.8

103 56.4 43.6 65.4





#71

Bromoform

Concen: 21.492 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078118.D

Acq: 02 Jan 2024 11:39

Instrument :

MSVOA_D

ClientSampleId :

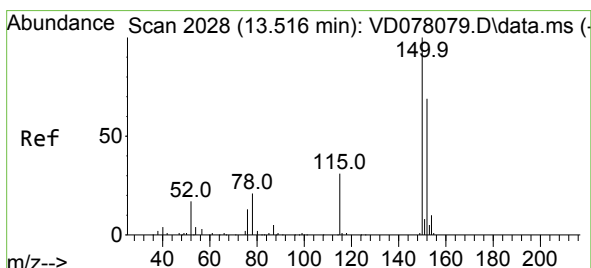
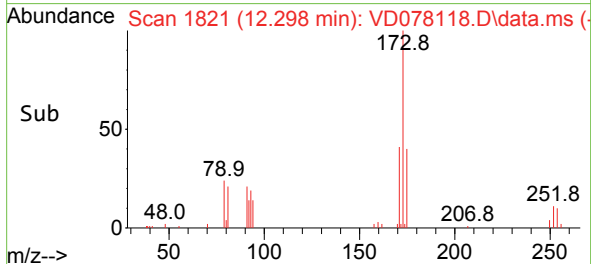
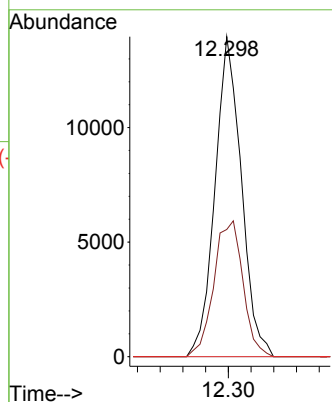
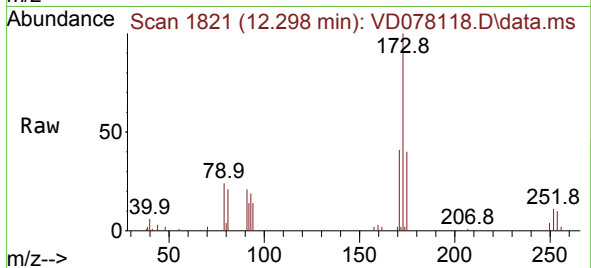
Tgt Ion:173 Resp: 22494

Ion Ratio Lower Upper

173 100

175 46.8 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078118.D

Acq: 02 Jan 2024 11:39

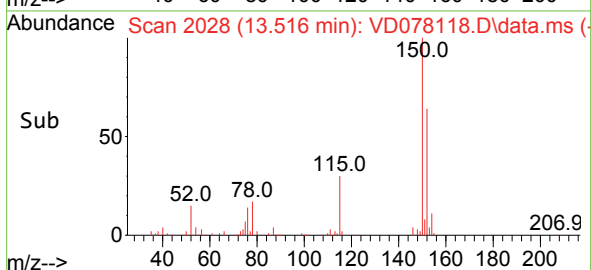
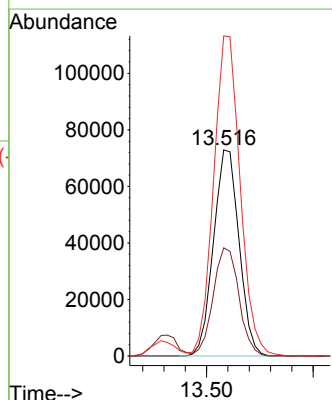
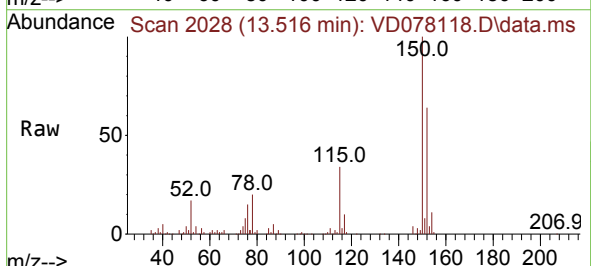
Tgt Ion:152 Resp: 121385

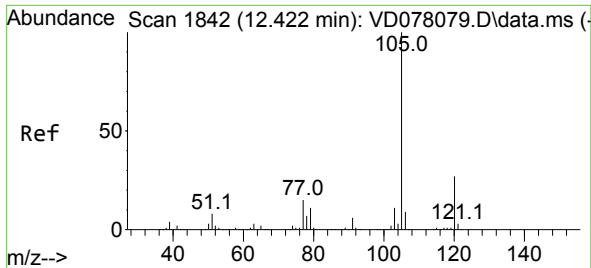
Ion Ratio Lower Upper

152 100

115 52.8 27.1 81.3

150 161.5 0.0 353.6

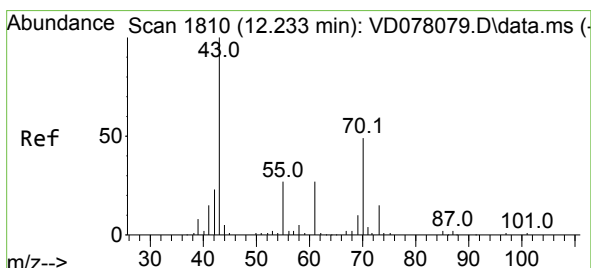
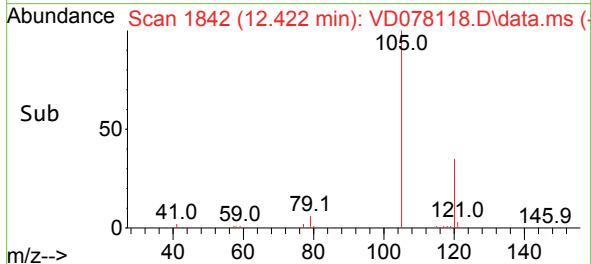
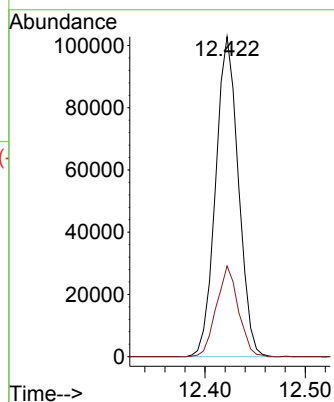
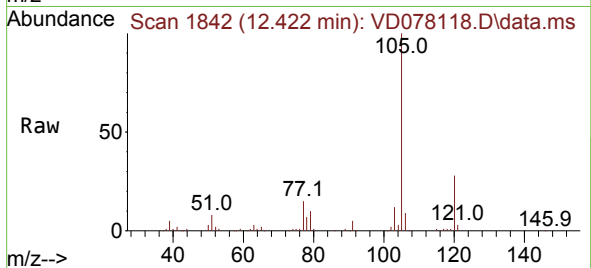




#73
Isopropylbenzene
Concen: 19.419 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

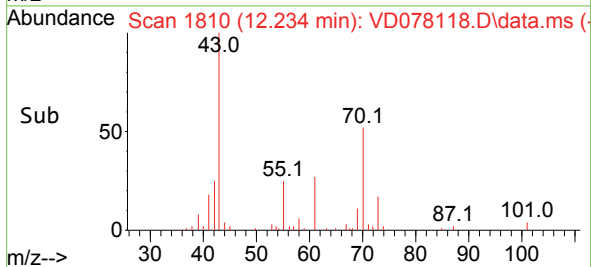
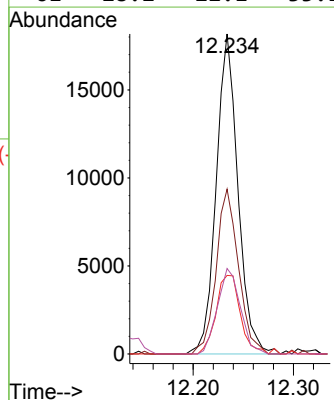
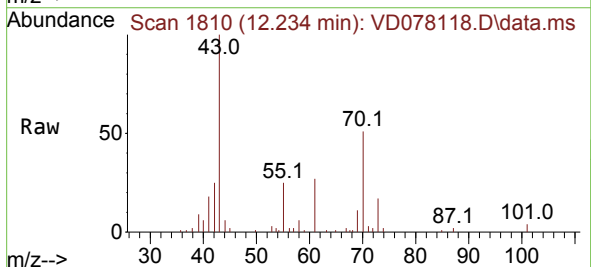
Instrument :
MSVOA_D
ClientSampleId :

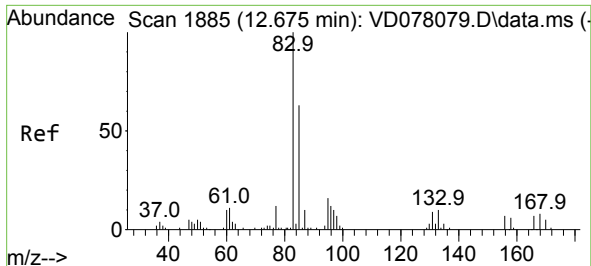
Tgt Ion:105 Resp: 162350
Ion Ratio Lower Upper
105 100
120 27.4 14.3 42.9



#74
N-ethyl acetate
Concen: 19.686 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion: 43 Resp: 27322
Ion Ratio Lower Upper
43 100
70 53.0 45.0 67.4
55 27.4 23.8 35.6
61 28.2 22.1 33.1

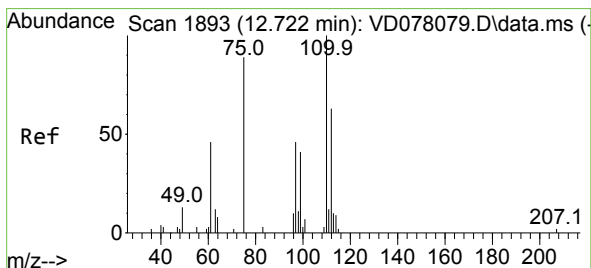
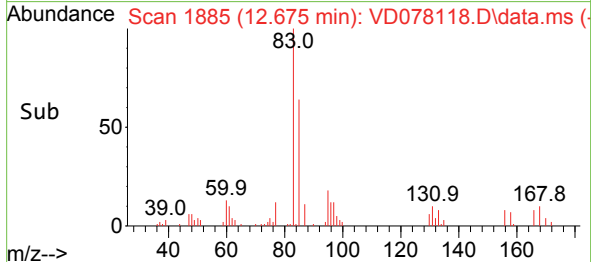
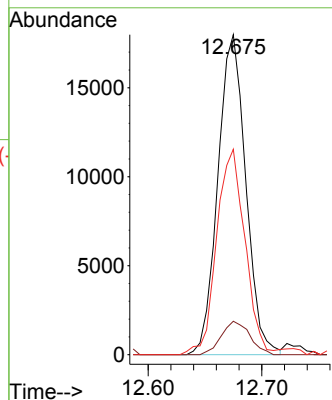
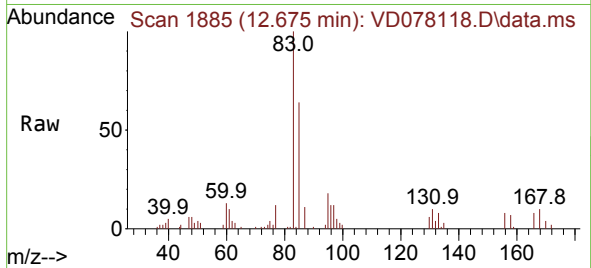




#75
1,1,2,2-Tetrachloroethane
Concen: 20.204 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

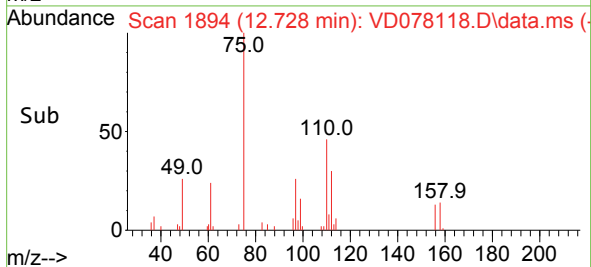
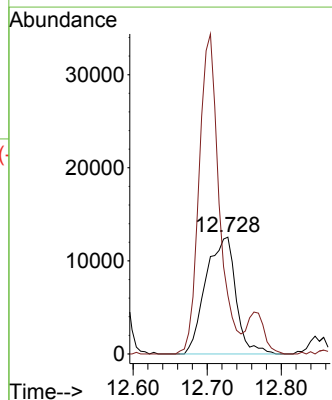
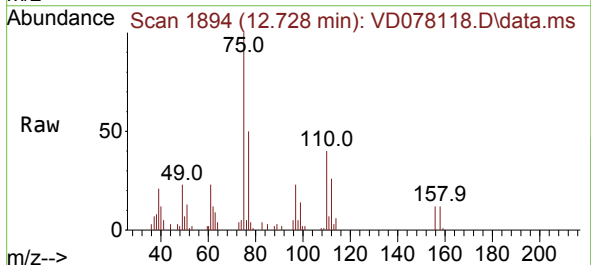
Instrument :
MSVOA_D
ClientSampleId :

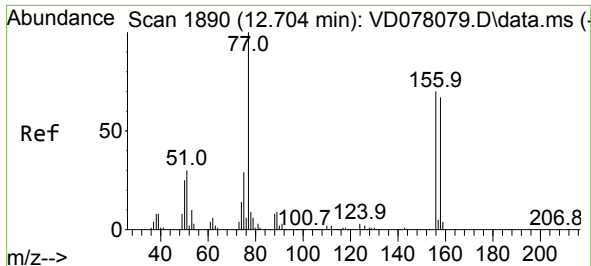
Tgt Ion: 83 Resp: 30699
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 65.1 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 34.538 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion: 75 Resp: 35370
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

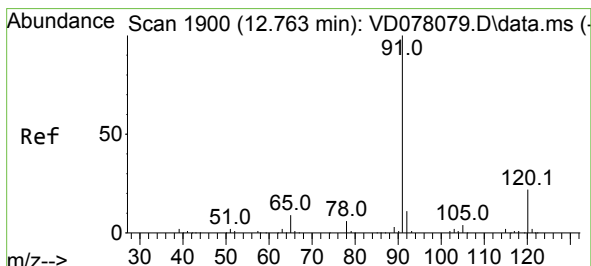
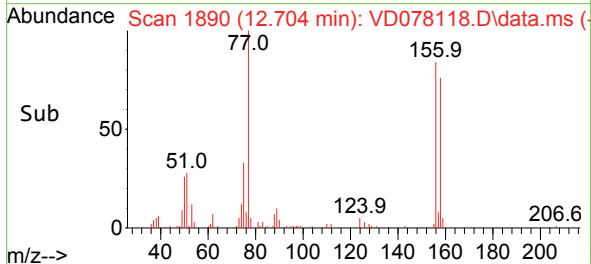
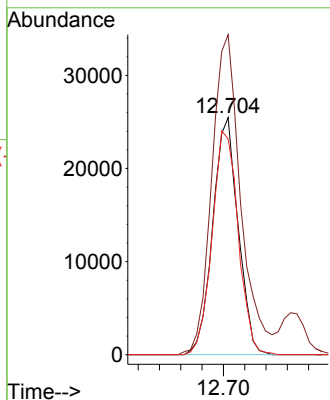
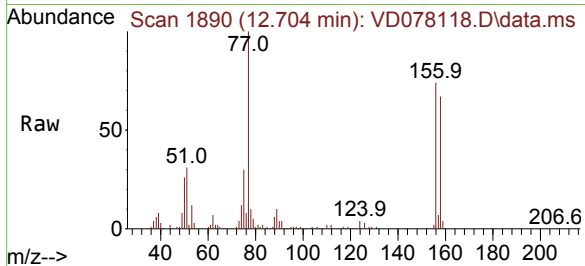




#77
Bromobenzene
Concen: 20.679 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

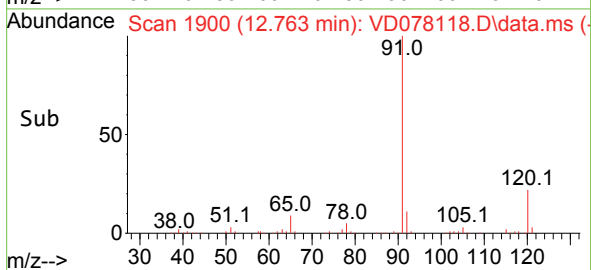
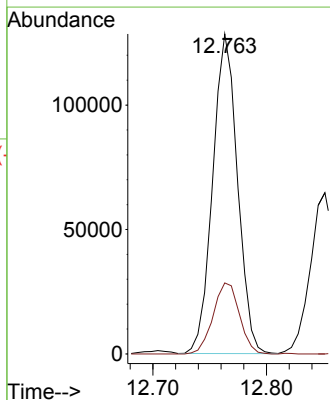
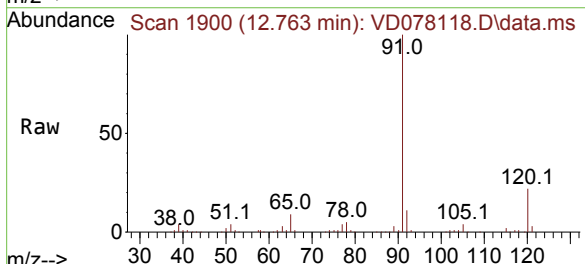
Instrument :
MSVOA_D
ClientSampleId :

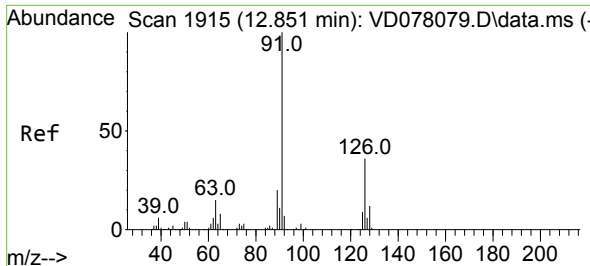
Tgt Ion	Ratio	Lower	Upper
156	100		
77	154.2	76.8	230.4
158	96.9	48.6	145.9



#78
n-propylbenzene
Concen: 19.349 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	12.4	37.2

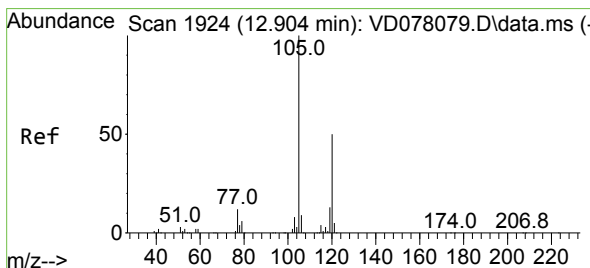
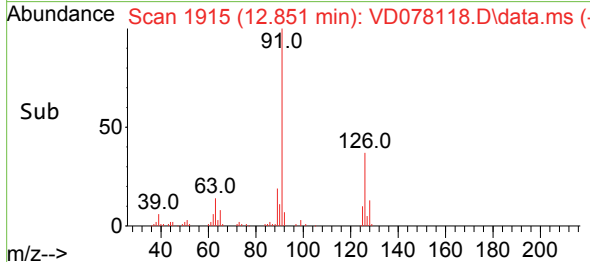
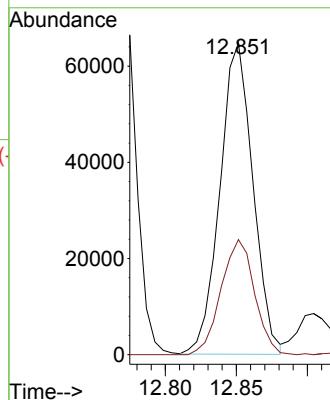
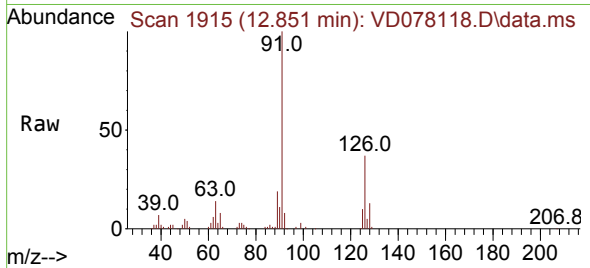




#79
2-Chlorotoluene
Concen: 19.198 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

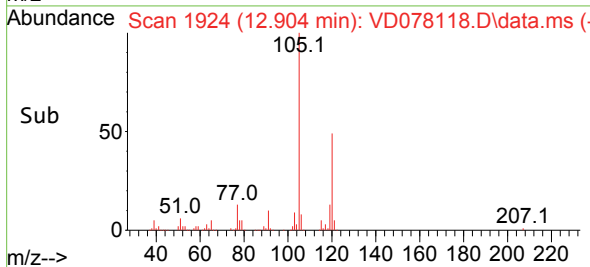
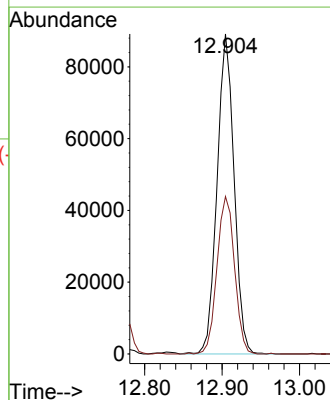
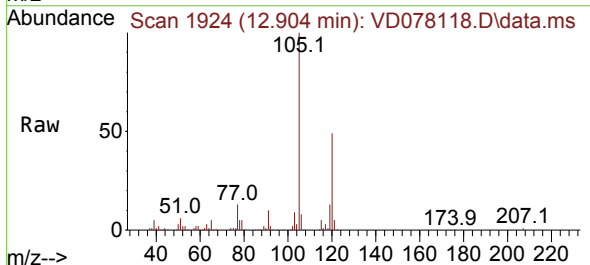
Instrument :
MSVOA_D
ClientSampleId :

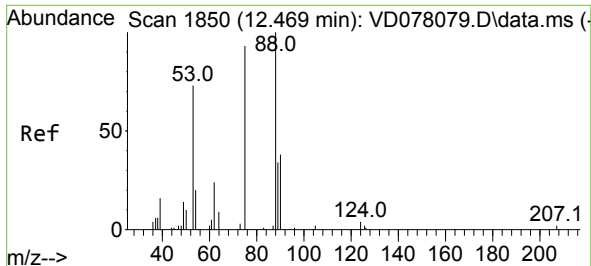
Tgt Ion: 91 Resp: 104500
Ion Ratio Lower Upper
91 100
126 37.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.602 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion:105 Resp: 135549
Ion Ratio Lower Upper
105 100
120 50.9 26.4 79.2

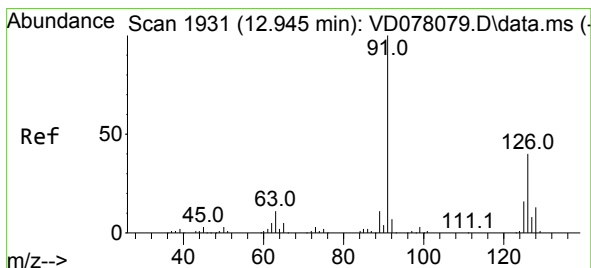
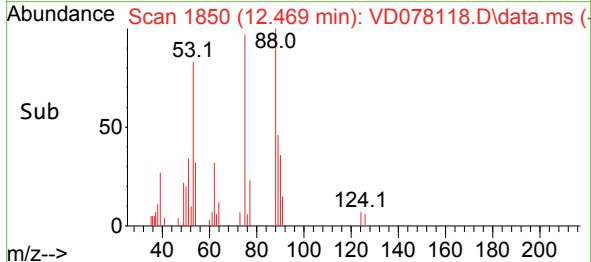
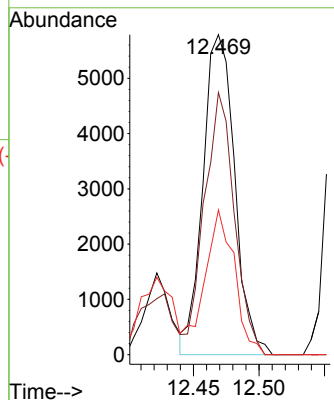
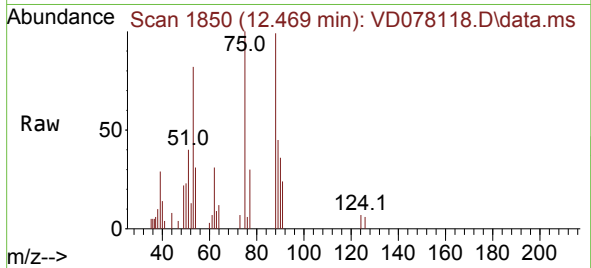




#81
trans-1,4-Dichloro-2-butene
Concen: 20.481 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

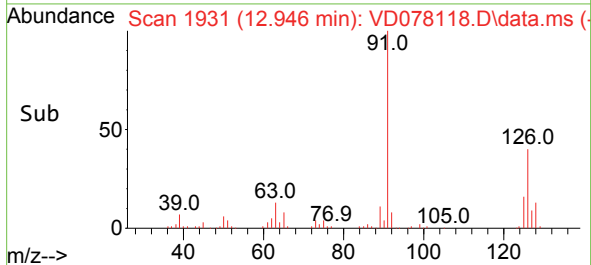
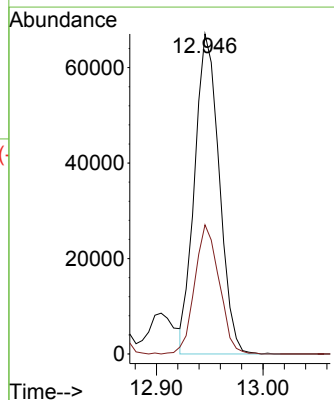
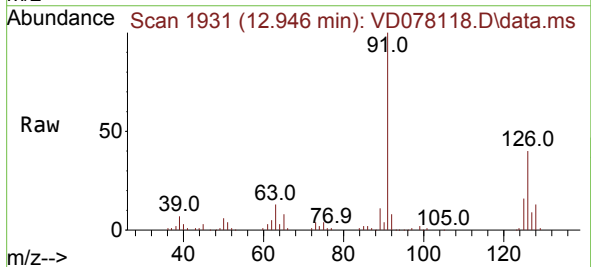
Instrument :
MSVOA_D
ClientSampleId :

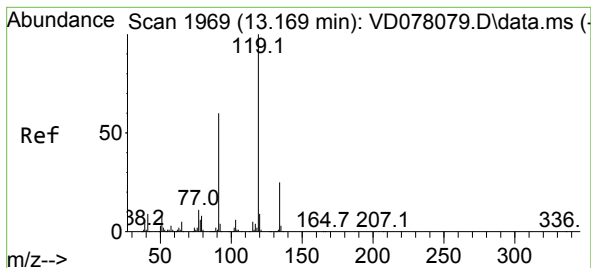
Tgt Ion: 75 Resp: 9734
Ion Ratio Lower Upper
75 100
53 78.2 63.0 94.4
89 38.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 18.448 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion: 91 Resp: 107662
Ion Ratio Lower Upper
91 100
126 40.2 19.4 58.4





#83

tert-Butylbenzene

Concen: 19.538 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078118.D

Acq: 02 Jan 2024 11:39

Instrument :

MSVOA_D

ClientSampleId :

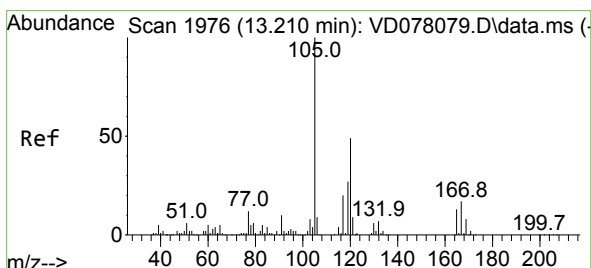
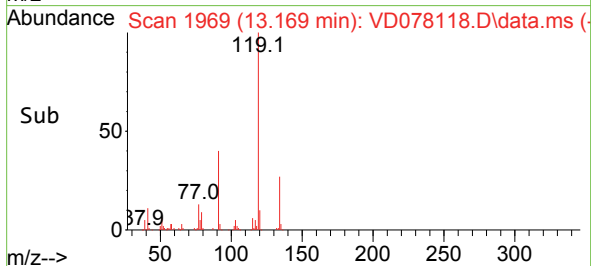
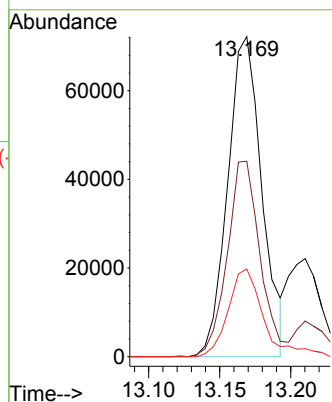
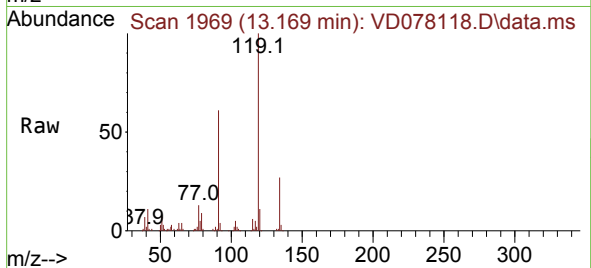
Tgt Ion:119 Resp: 121027

Ion Ratio Lower Upper

119 100

91 59.0 29.3 87.8

134 28.3 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 19.449 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078118.D

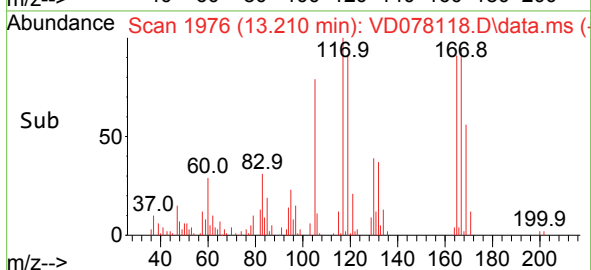
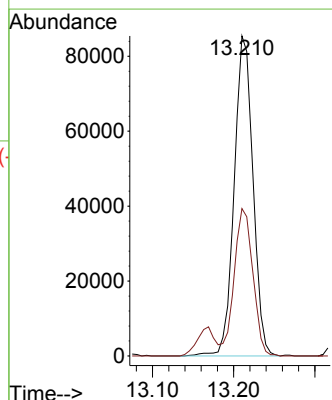
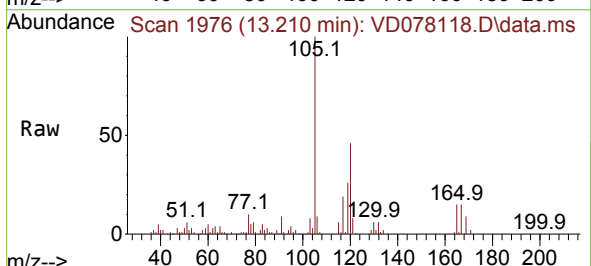
Acq: 02 Jan 2024 11:39

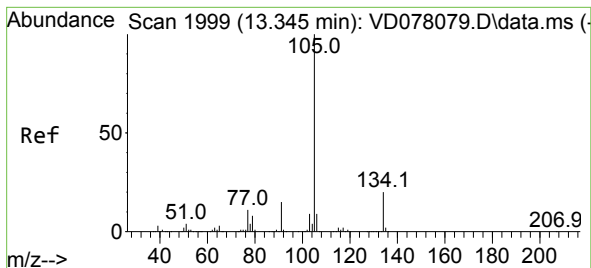
Tgt Ion:105 Resp: 136989

Ion Ratio Lower Upper

105 100

120 46.2 24.3 72.9





#85

sec-Butylbenzene

Concen: 19.841 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078118.D

Acq: 02 Jan 2024 11:39

Instrument :

MSVOA_D

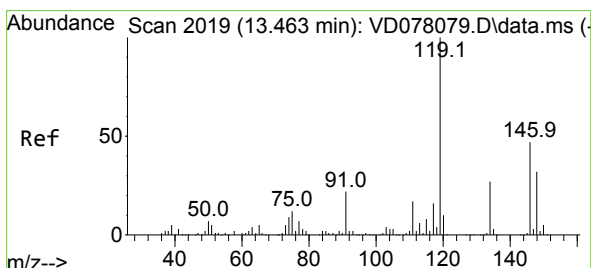
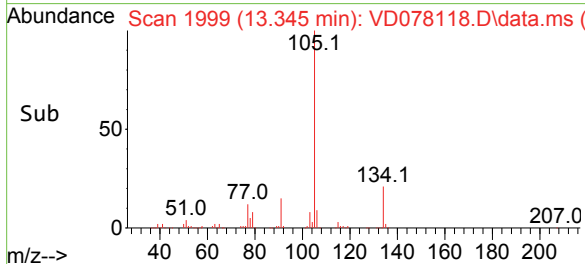
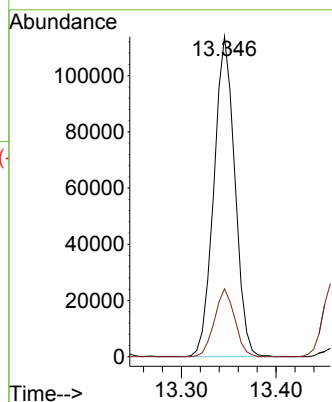
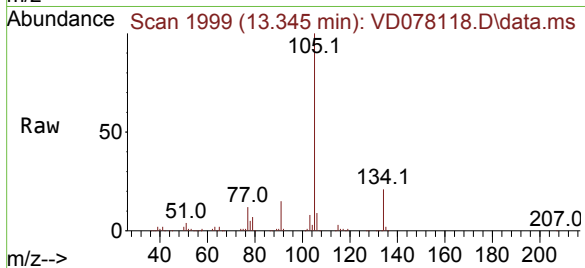
ClientSampleId :

Tgt Ion:105 Resp: 175471

Ion Ratio Lower Upper

105 100

134 20.4 10.9 32.9



#86

p-Isopropyltoluene

Concen: 19.799 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078118.D

Acq: 02 Jan 2024 11:39

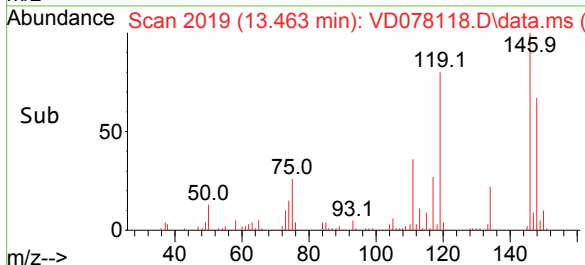
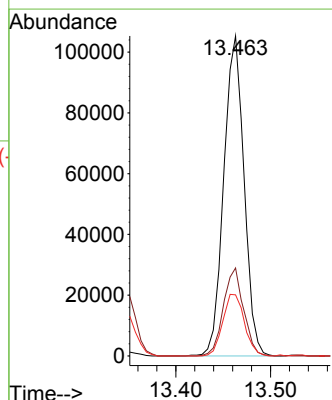
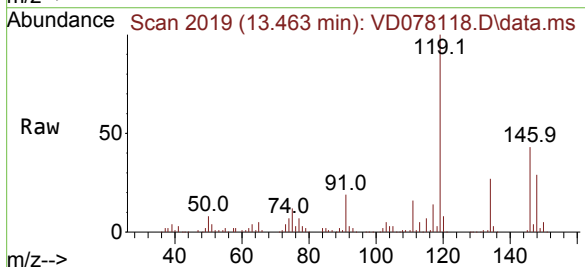
Tgt Ion:119 Resp: 156701

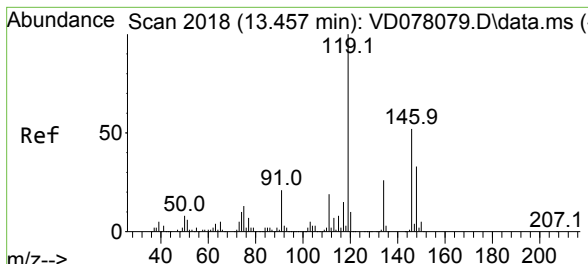
Ion Ratio Lower Upper

119 100

134 27.3 14.2 42.6

91 20.6 10.5 31.5

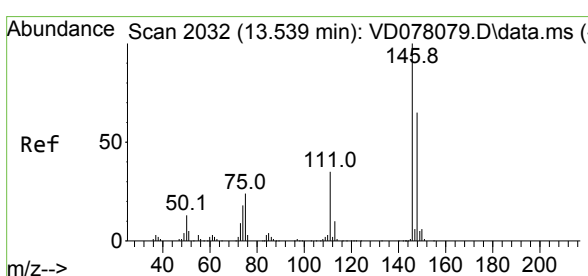
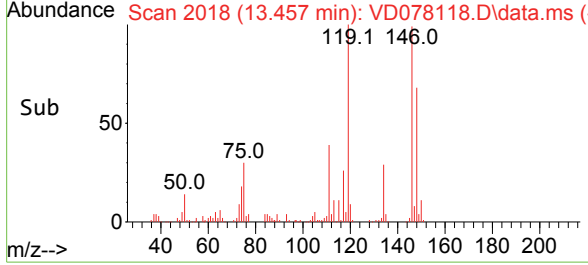
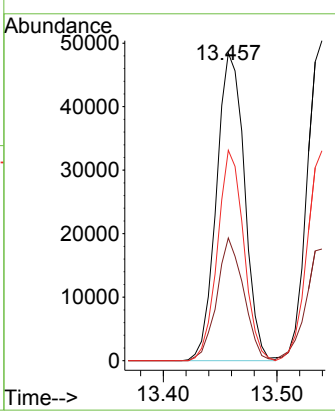
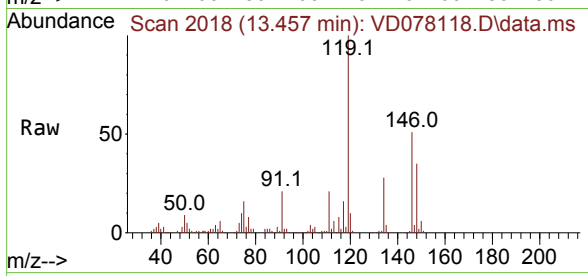




#87
 1,3-Dichlorobenzene
 Concen: 19.730 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078118.D
 Acq: 02 Jan 2024 11:39

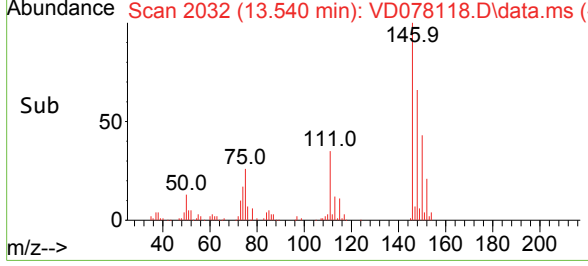
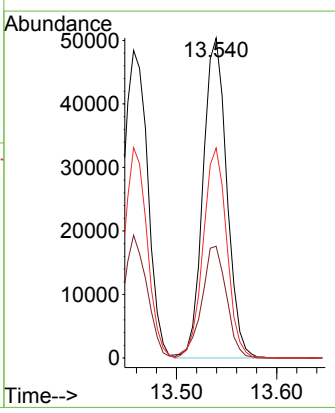
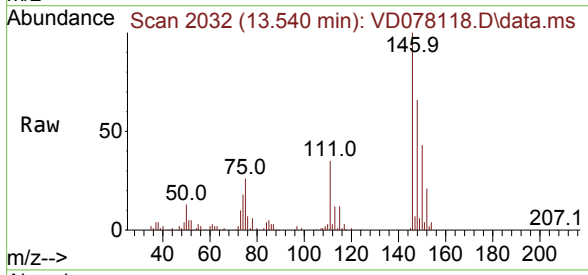
Instrument :
 MSVOA_D
 ClientSampleId :

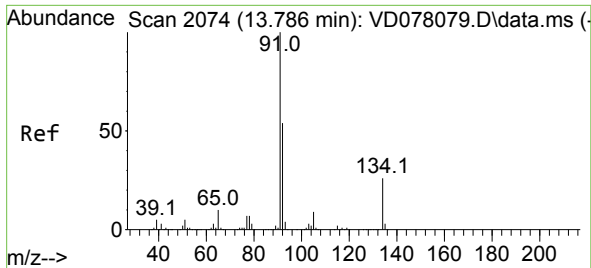
Tgt Ion:	146	Resp:	83026
Ion Ratio	Lower	Upper	
146	100		
111	38.2	17.9	53.8
148	64.0	32.3	96.8



#88
 1,4-Dichlorobenzene
 Concen: 20.085 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD078118.D
 Acq: 02 Jan 2024 11:39

Tgt Ion:	146	Resp:	82894
Ion Ratio	Lower	Upper	
146	100		
111	36.3	17.4	52.3
148	65.3	31.7	95.1

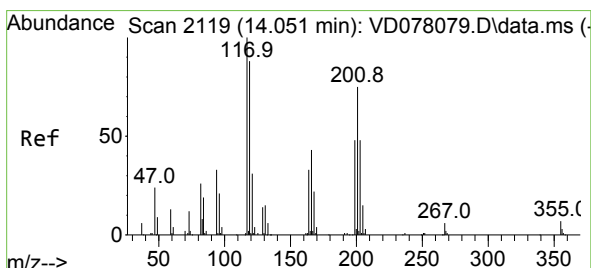
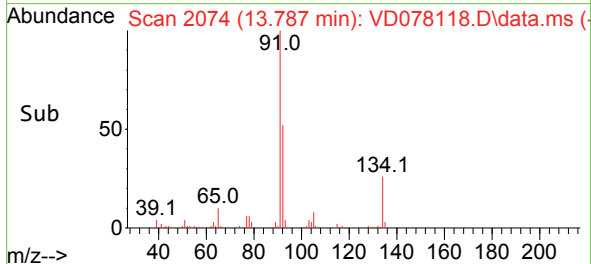
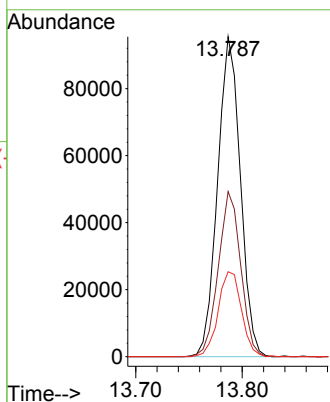
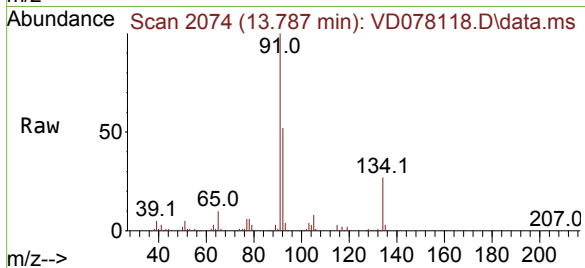




#89
n-Butylbenzene
Concen: 19.485 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

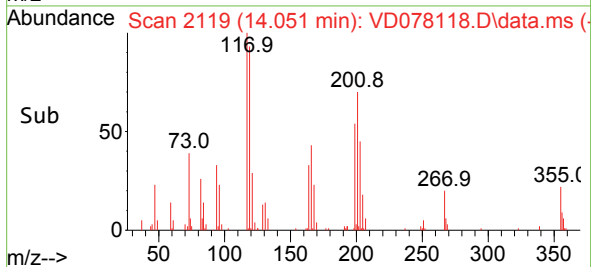
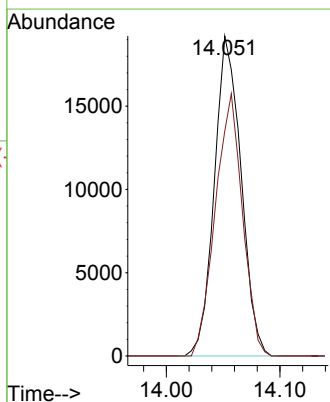
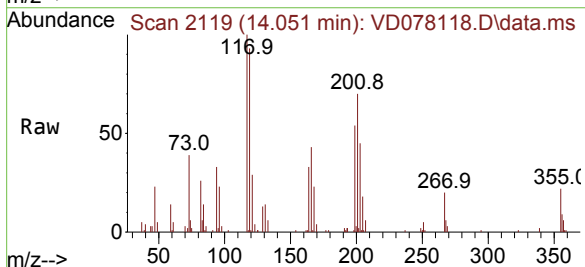
Instrument :
MSVOA_D
ClientSampleId :

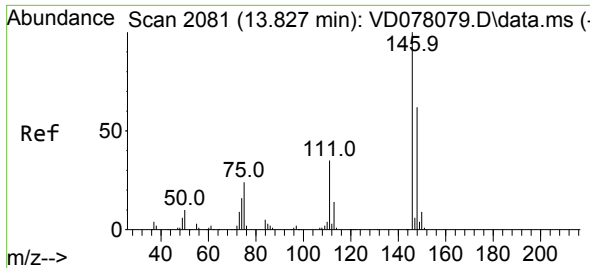
Tgt Ion: 91 Resp: 141547
Ion Ratio Lower Upper
91 100
92 50.9 26.5 79.5
134 27.2 13.8 41.3



#90
Hexachloroethane
Concen: 19.806 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

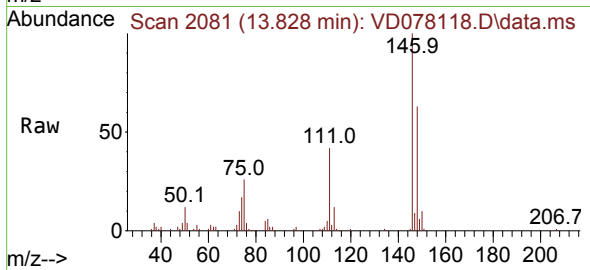
Tgt Ion: 117 Resp: 31338
Ion Ratio Lower Upper
117 100
201 83.5 38.5 115.5



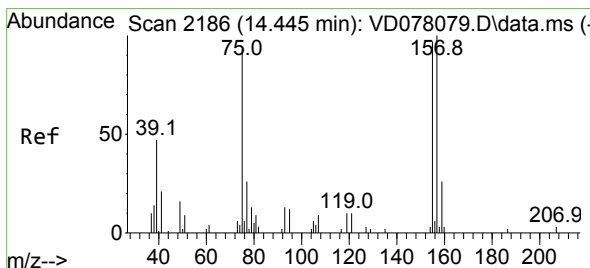
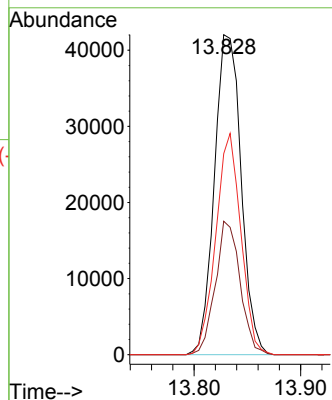
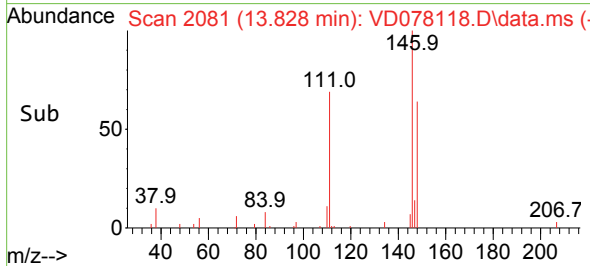


#91
1,2-Dichlorobenzene
Concen: 20.251 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

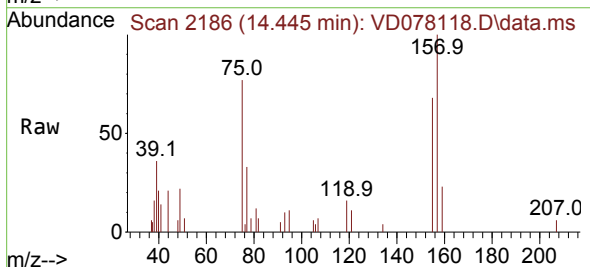
Instrument :
MSVOA_D
ClientSampleId :



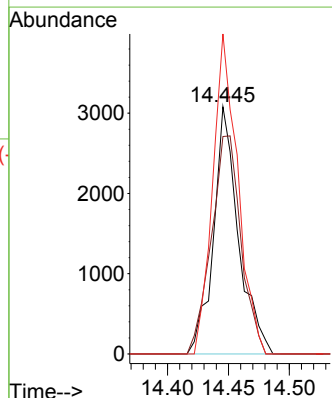
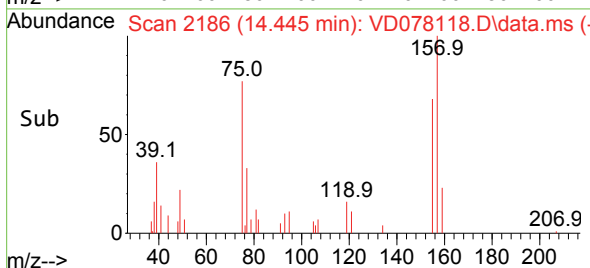
Tgt Ion:146 Resp: 73184
Ion Ratio Lower Upper
146 100
111 38.7 18.3 54.8
148 65.0 31.6 94.7

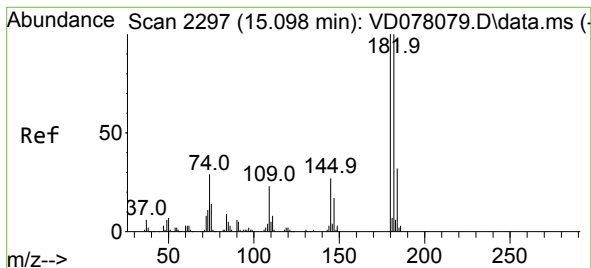


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.544 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39



Tgt Ion: 75 Resp: 4372
Ion Ratio Lower Upper
75 100
155 105.3 47.9 143.8
157 130.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.554 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078118.D

Acq: 02 Jan 2024 11:39

Instrument :

MSVOA_D

ClientSampleId :

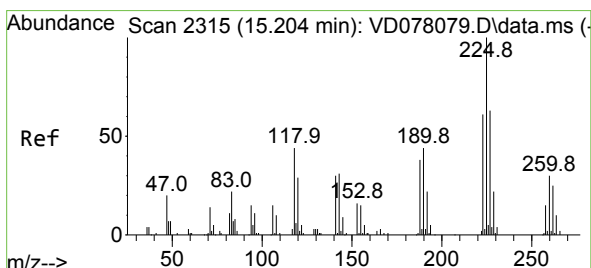
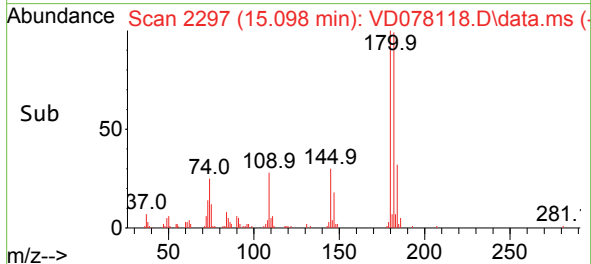
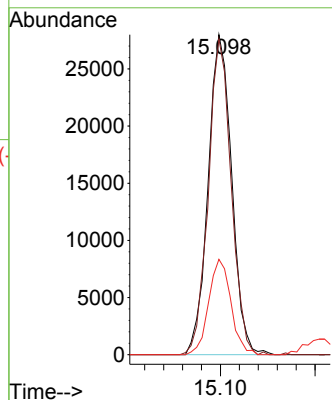
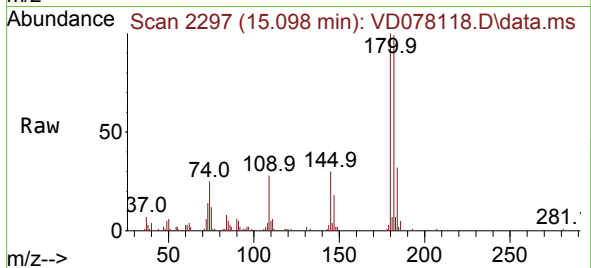
Tgt Ion:180 Resp: 48496

Ion Ratio Lower Upper

180 100

182 95.4 48.5 145.6

145 28.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.401 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078118.D

Acq: 02 Jan 2024 11:39

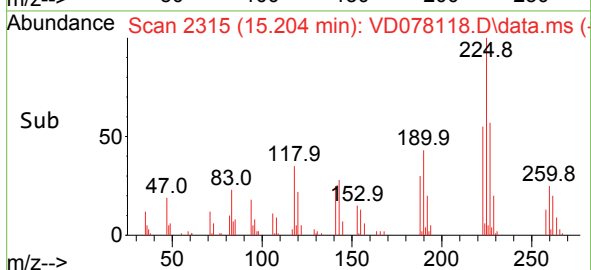
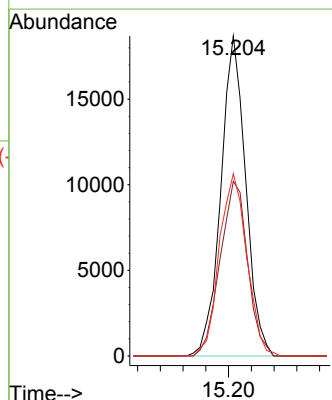
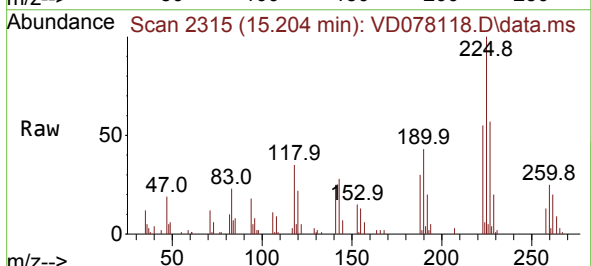
Tgt Ion:225 Resp: 28370

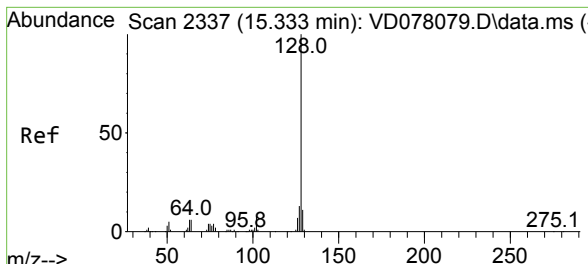
Ion Ratio Lower Upper

225 100

223 60.1 31.6 94.8

227 62.8 31.7 95.1

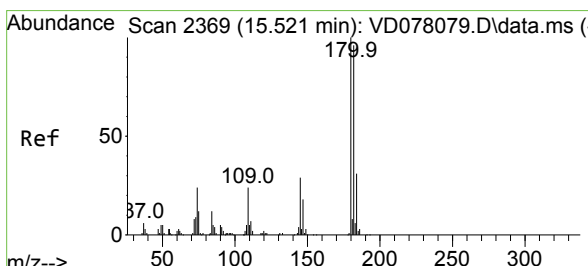
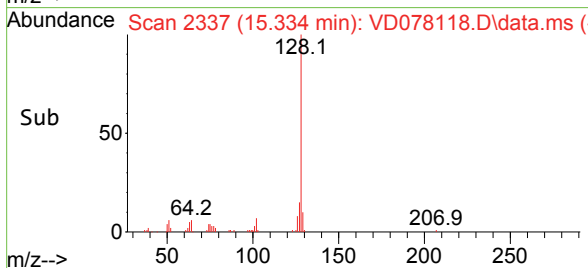
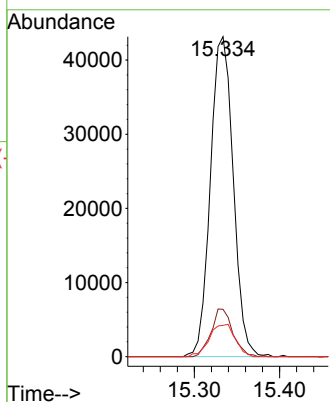
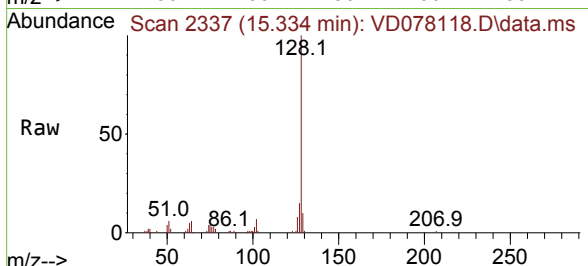




#95
Naphthalene
Concen: 19.993 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	80307
Ion Ratio	Lower	Upper	
128	100		
127	14.8	10.5	15.7
129	9.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.922 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078118.D
Acq: 02 Jan 2024 11:39

Tgt Ion:	180	Resp:	41886
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.3	141.9
145	27.8	15.1	45.3

