

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041124\
 Data File : VD078807.D
 Acq On : 11 Apr 2024 11:16
 Operator : RP/MD
 Sample : VSTD2.5
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 12 06:44:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 06:43:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	228312	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	227804	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	102814	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	15902	2.528	ug/L	0.00
7) Chloroethane-d5	2.805	69	14973	2.527	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	2798	2.422	ug/L	0.00
21) 2-Butanone-d5	6.987	46	2104	3.539	ug/L	0.00
24) Chloroform-d	7.575	84	11058	1.984	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	5604	1.979	ug/L	0.00
32) Benzene-d6	8.205	84	23862	2.056	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	6837	2.047	ug/L	0.00
41) Toluene-d8	10.269	98	20808	1.901	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	2983	1.957	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	1990	3.688	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	6217	1.974	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.810	152	7086	2.021	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	8197	2.495	ug/L	99
3) Chloromethane	2.152	50	12133	2.577	ug/L	87
5) Vinyl chloride	2.287	62	17090	2.414	ug/L	90
6) Bromomethane	2.699	94	11278	2.192	ug/L	88
8) Chloroethane	2.840	64	12212	2.365	ug/L	99
9) Trichlorofluoromethane	3.175	101	12048	2.327	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	8099	2.419	ug/L #	87
12) 1,1-Dichloroethene	3.940	96	7034	2.357	ug/L	82
13) Acetone	4.028	43	1855	2.405	ug/L	92
14) Carbon disulfide	4.275	76	23436	2.306	ug/L #	92
15) Methyl Acetate	4.569	43	1824	1.597	ug/L #	85
16) Methylene chloride	4.805	84	9505	2.403	ug/L	96
17) trans-1,2-Dichloroethene	5.311	96	7704	2.309	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	12578	1.970	ug/L #	84
19) 1,1-Dichloroethane	6.116	63	12715	2.392	ug/L #	95
20) cis-1,2-Dichloroethene	7.081	96	8416	2.320	ug/L #	73
22) 2-Butanone	7.058	43	445	0.471	ug/L	92
23) Bromochloromethane	7.416	128	2794	1.561	ug/L	84
25) Chloroform	7.593	83	15614	2.492	ug/L	96
27) 1,2-Dichloroethane	8.328	62	8132	2.309	ug/L #	92
29) Cyclohexane	7.875	56	7364	1.903	ug/L #	89
30) 1,1,1-Trichloroethane	7.799	97	12430	2.426	ug/L	96
31) Carbon tetrachloride	7.999	117	6205	1.351	ug/L #	2
33) Benzene	8.258	78	27166	2.103	ug/L	100
34) Trichloroethene	9.034	95	8313	2.413	ug/L	91
35) Methylcyclohexane	9.281	83	10253	2.003	ug/L	98
37) 1,2-Dichloropropane	9.305	63	7826	2.363	ug/L #	92
38) Bromodichloromethane	9.587	83	10612	2.329	ug/L	98
39) cis-1,3-Dichloropropene	10.022	75	9869	1.940	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	6635	4.386	ug/L #	88
42) Toluene	10.334	91	28539	1.996	ug/L	94
44) trans-1,3-Dichloropropene	10.551	75	9000	2.019	ug/L	89

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 ClientSampleId :

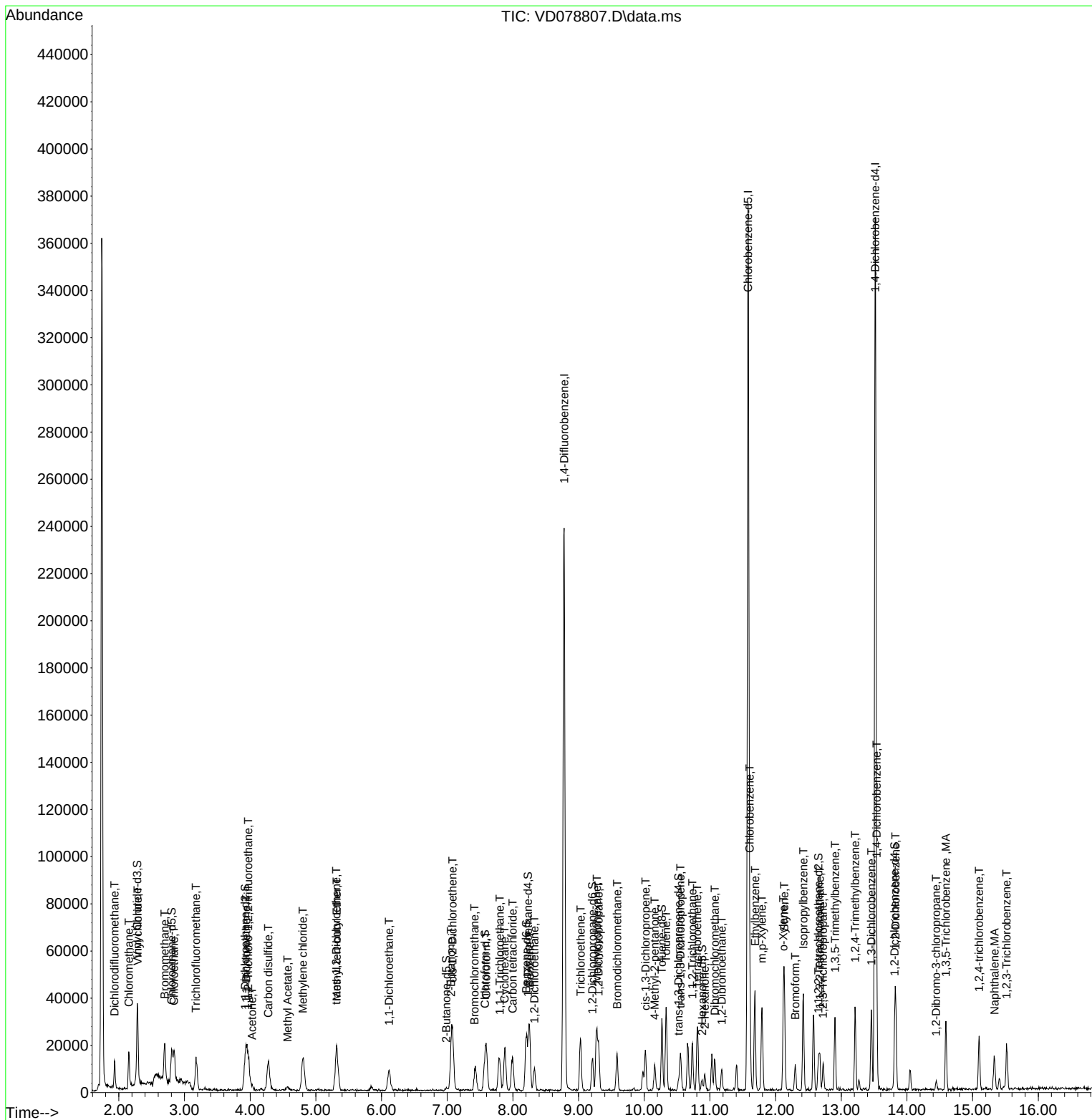
Quant Time: Apr 12 06:44:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 06:43:47 2024
 Response via : Initial Calibration

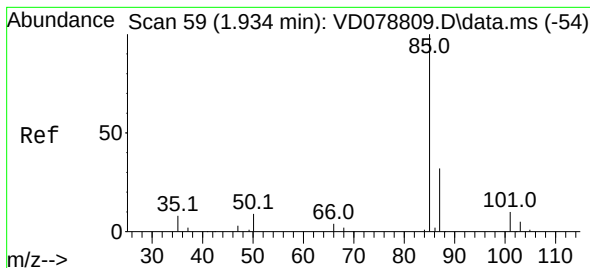
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.734	97	6934	2.398	ug/L #	89
46) Tetrachloroethene	10.804	164	6476	2.244	ug/L	86
48) 2-Hexanone	10.922	43	3611	3.033	ug/L #	85
49) Dibromochloromethane	11.075	129	7309	2.183	ug/L	91
50) 1,2-Dibromoethane	11.181	107	6118	2.177	ug/L #	92
51) Chlorobenzene	11.604	112	21341	2.213	ug/L	93
52) Ethylbenzene	11.687	91	29418	1.957	ug/L	93
53) m,p-Xylene	11.793	106	11505	1.943	ug/L	81
54) o-Xylene	12.116	106	10256	1.792	ug/L	80
55) Styrene	12.134	104	17169	1.673	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	7319	2.192	ug/L	94
59) Bromoform	12.298	173	4766	2.365	ug/L #	97
60) Isopropylbenzene	12.422	105	25288	1.944	ug/L	95
61) 1,2,3-Trichloropropane	12.722	75	4838	2.549	ug/L	93
62) 1,3,5-Trimethylbenzene	12.904	105	15440	1.958	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	17956	1.855	ug/L	96
64) 1,3-Dichlorobenzene	13.457	146	14353	2.217	ug/L #	88
65) 1,4-Dichlorobenzene	13.540	146	15631	2.283	ug/L	91
67) 1,2-Dichlorobenzene	13.828	146	13628	2.234	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.445	75	1183	2.738	ug/L #	45
69) 1,3,5-Trichlorobenzene	14.592	180	9557	2.295	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	8469	2.412	ug/L #	89
71) Naphthalene	15.334	128	13325	1.955	ug/L #	74
72) 1,2,3-Trichlorobenzene	15.516	180	6800	2.115	ug/L	91

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

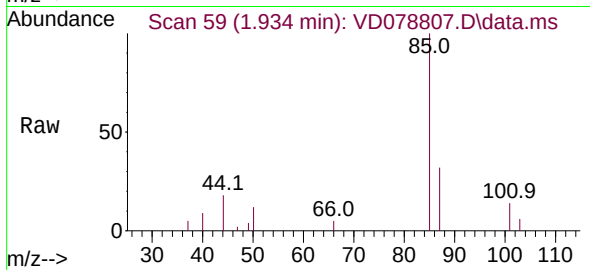
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 12 06:43:47 2024
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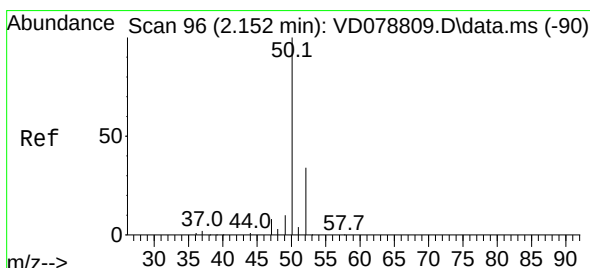
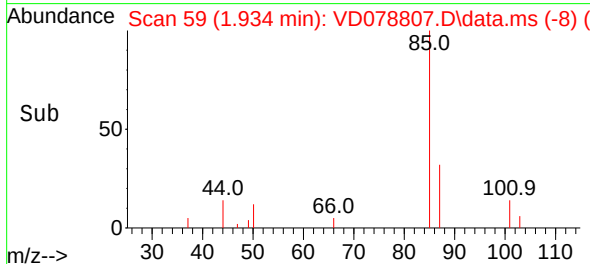
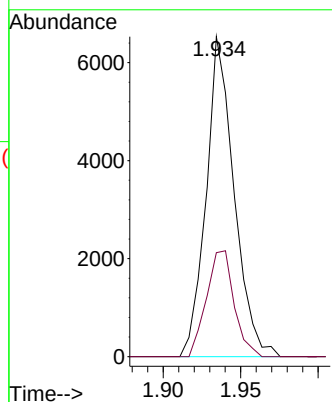


#2
 Dichlorodifluoromethane
 Concen: 2.495 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD078807.D
 Acq: 11 Apr 2024 11:16

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 MSVOA_D
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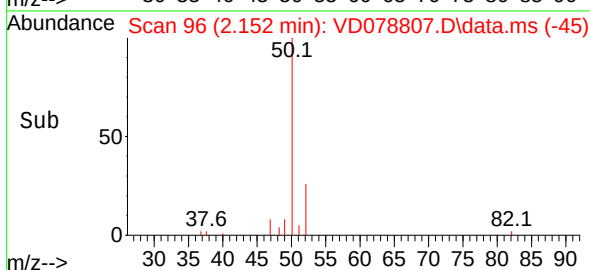
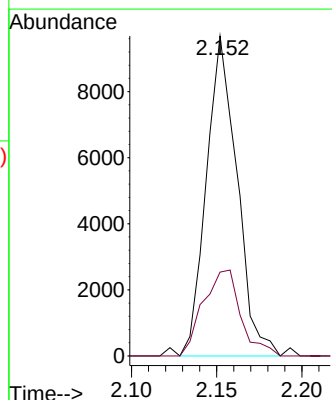
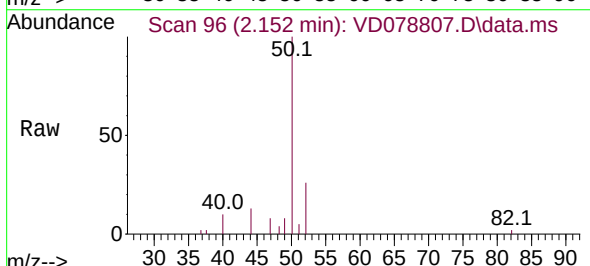


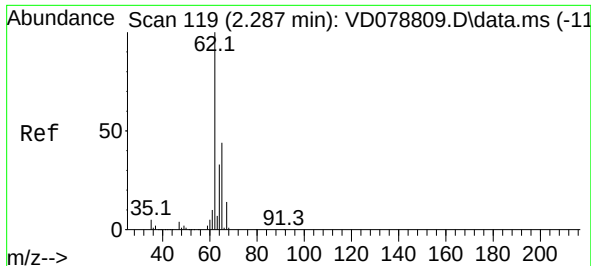
Tgt Ion: 85 Resp: 8197
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.5 39.7



#3
 Chloromethane
 Concen: 2.577 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VD078807.D
 Acq: 11 Apr 2024 11:16

Tgt Ion: 50 Resp: 12133
 Ion Ratio Lower Upper
 50 100
 52 26.2 23.6 43.8

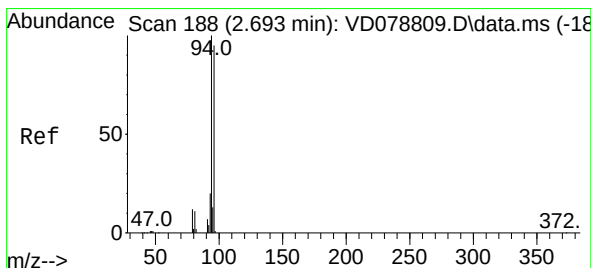
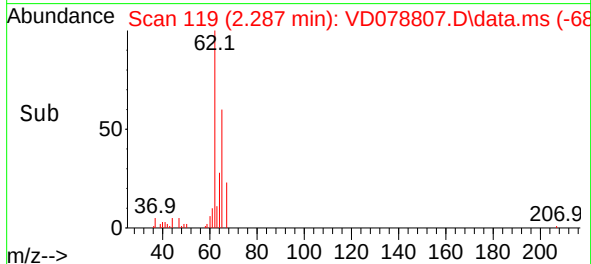
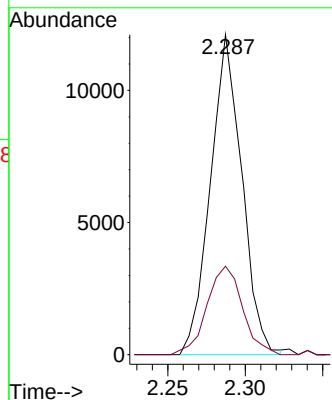
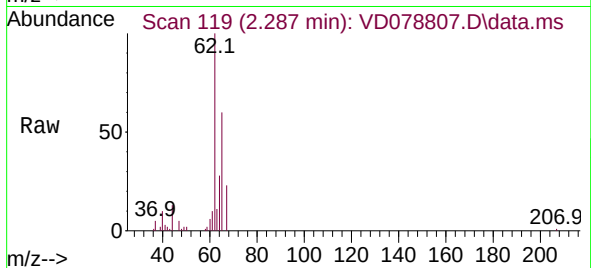




#5
Vinyl chloride
Concen: 2.414 ug/L
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

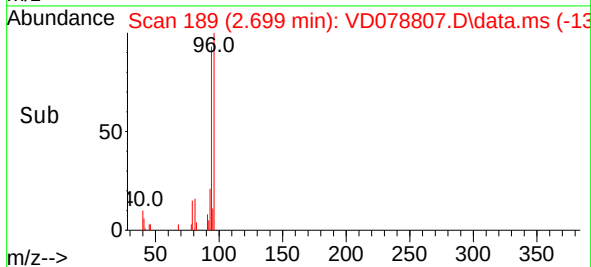
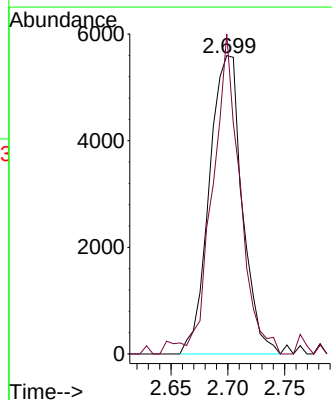
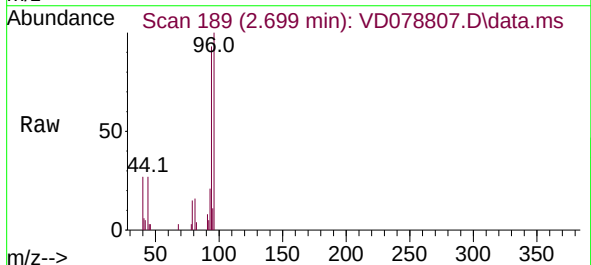
Instrument :
MSVOA_D
ClientSampleId :

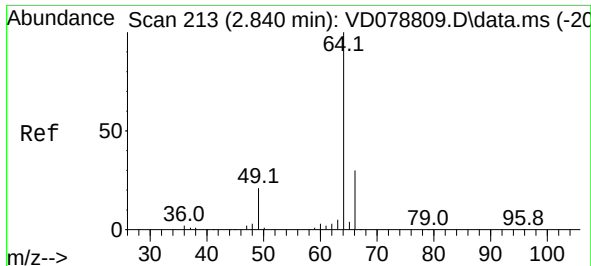
Tgt Ion: 62 Resp: 17090
Ion Ratio Lower Upper
62 100
64 27.7 23.2 43.0



#6
Bromomethane
Concen: 2.192 ug/L
RT: 2.699 min Scan# 189
Delta R.T. 0.006 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

Tgt Ion: 94 Resp: 11278
Ion Ratio Lower Upper
94 100
96 107.2 66.9 124.3

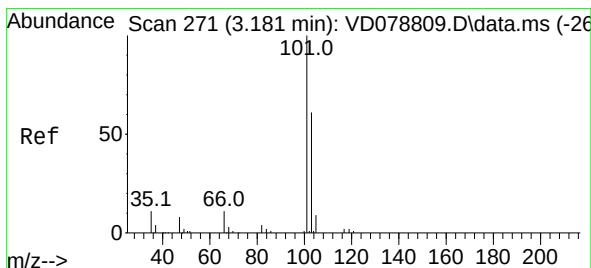
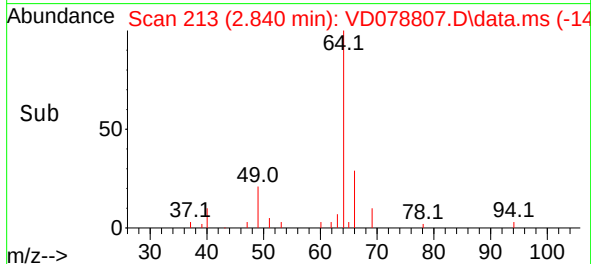
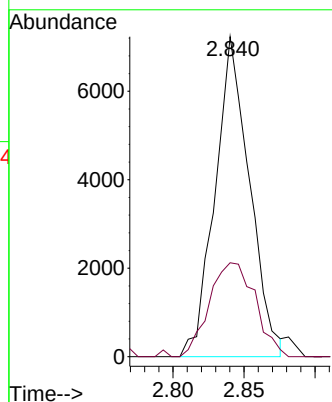
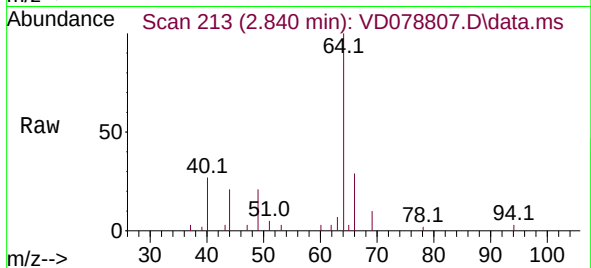




#8
Chloroethane
Concen: 2.365 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

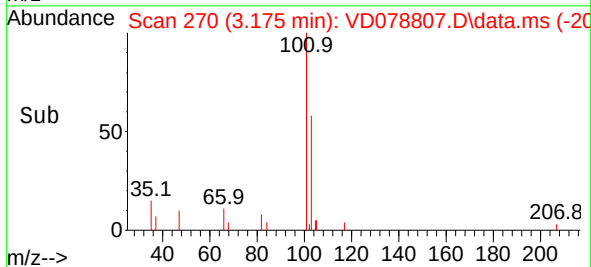
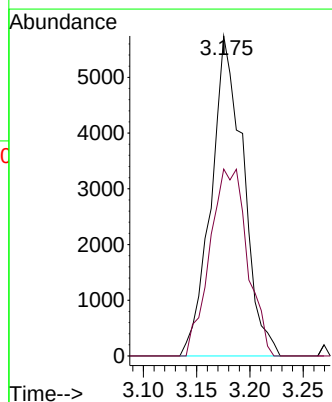
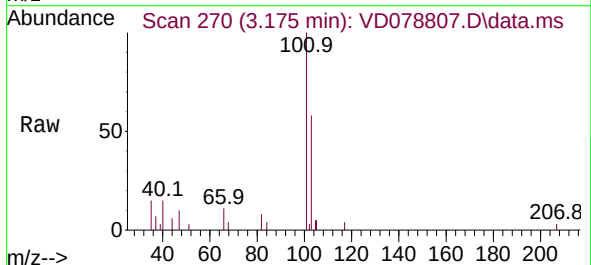
Instrument :
MSVOA_D
ClientSampleId :

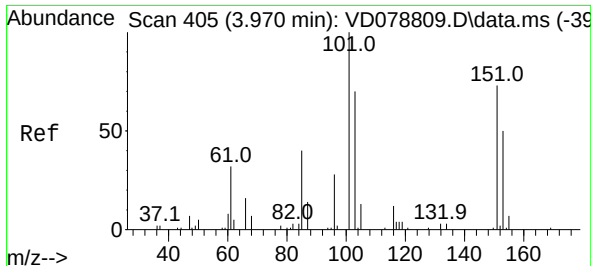
Tgt Ion: 64 Resp: 12212
Ion Ratio Lower Upper
64 100
66 29.4 21.0 39.0



#9
Trichlorofluoromethane
Concen: 2.327 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

Tgt Ion:101 Resp: 12048
Ion Ratio Lower Upper
101 100
103 68.4 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.419 ug/L

RT: 3.969 min Scan# 405

Delta R.T. -0.000 min

Lab File: VD078807.D

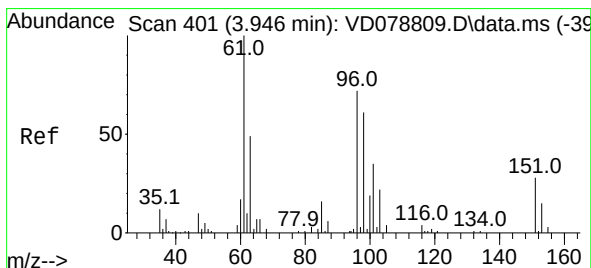
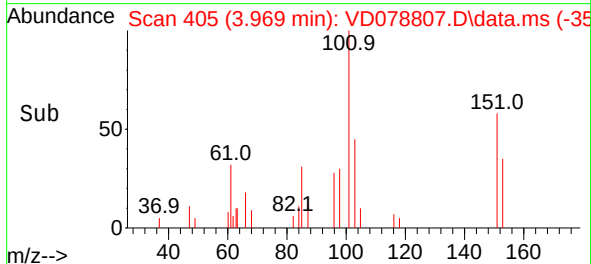
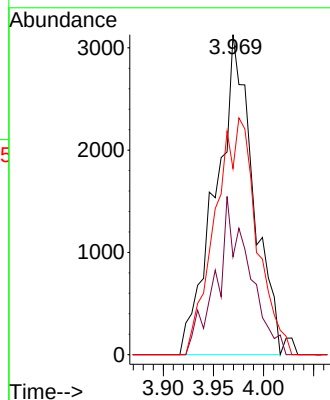
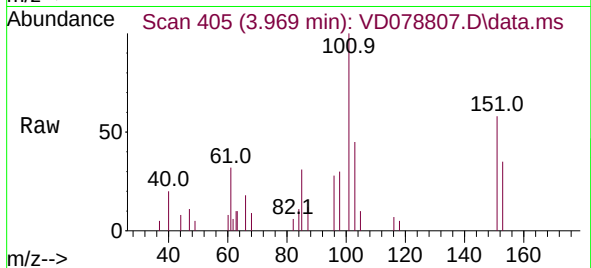
Acq: 11 Apr 2024 11:16

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:101	Resp:	8099
Ion Ratio	Lower	Upper
101	100	
85	6.0	19.5 29.3#
151	82.6	61.9 92.9



#12

1,1-Dichloroethene

Concen: 2.357 ug/L

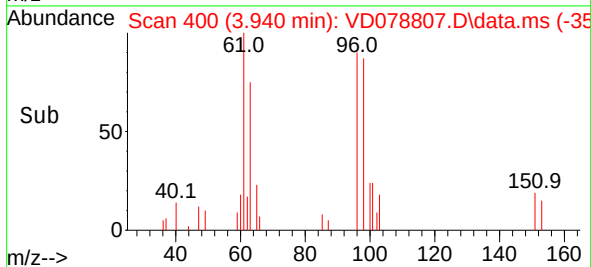
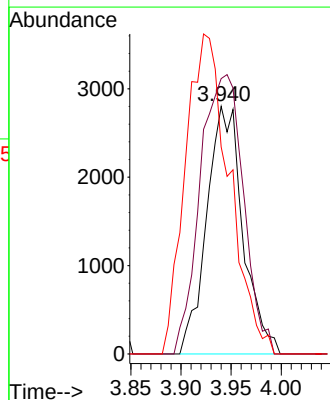
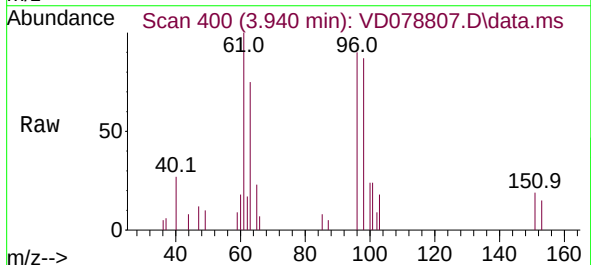
RT: 3.940 min Scan# 400

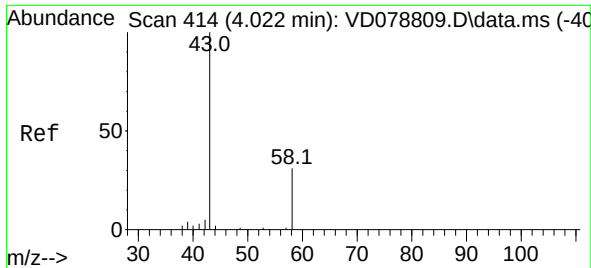
Delta R.T. -0.006 min

Lab File: VD078807.D

Acq: 11 Apr 2024 11:16

Tgt Ion: 96	Resp:	7034
Ion Ratio	Lower	Upper
96	100	
61	111.2	99.0 183.8
63	83.6	55.2 102.6





#13

Acetone

Concen: 2.405 ug/L

RT: 4.028 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD078807.D

Acq: 11 Apr 2024 11:16

Instrument :

MSVOA_D

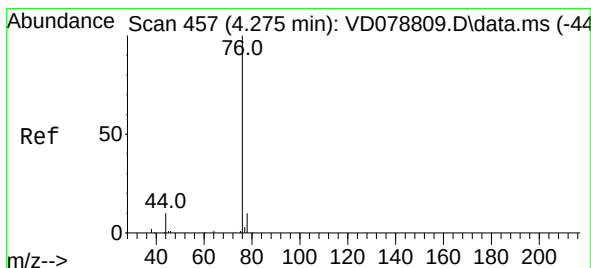
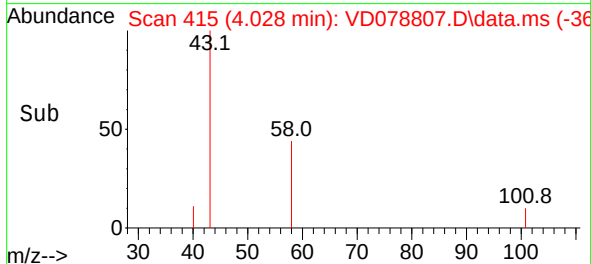
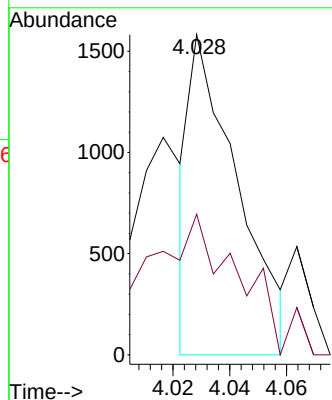
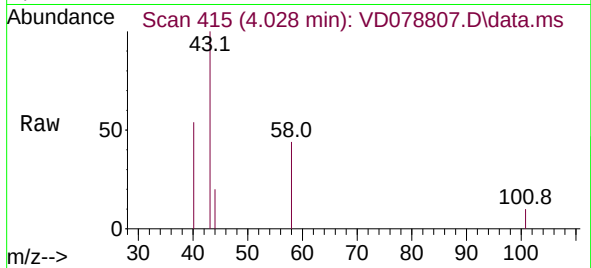
ClientSampleId :

Tgt Ion: 43 Resp: 1855

Ion Ratio Lower Upper

43 100

58 44.0 0.0 78.6



#14

Carbon disulfide

Concen: 2.306 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD078807.D

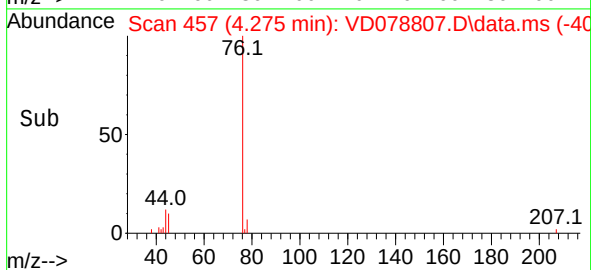
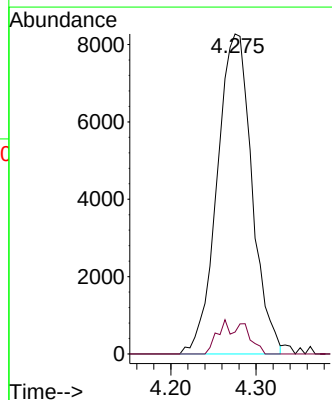
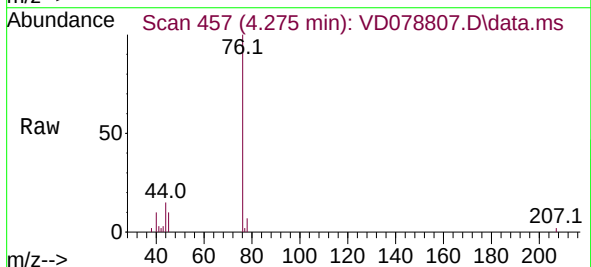
Acq: 11 Apr 2024 11:16

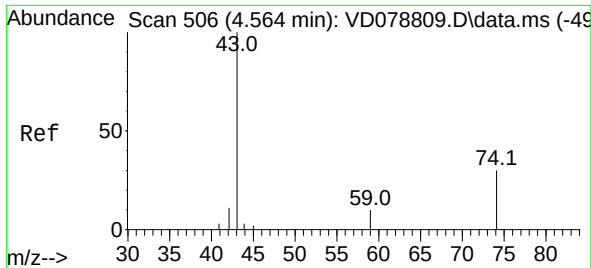
Tgt Ion: 76 Resp: 23436

Ion Ratio Lower Upper

76 100

78 6.8 7.8 11.6#

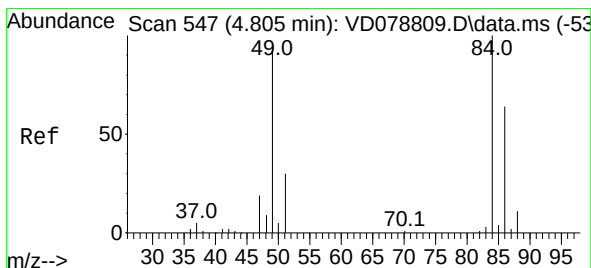
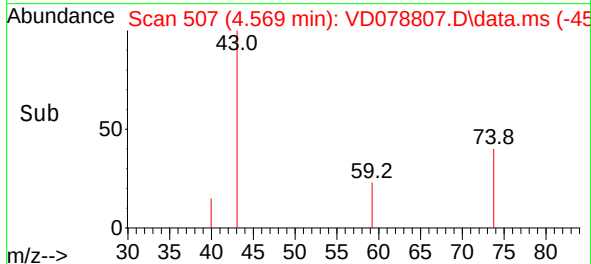
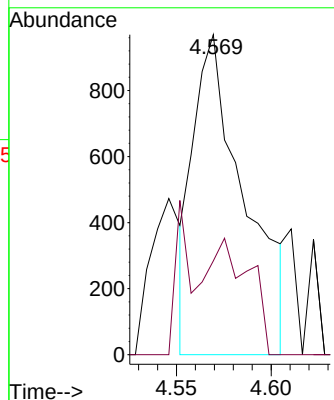
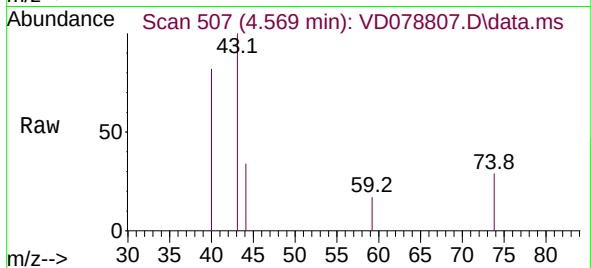




#15
Methyl Acetate
Concen: 1.597 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

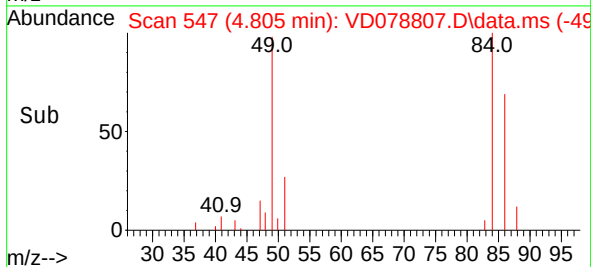
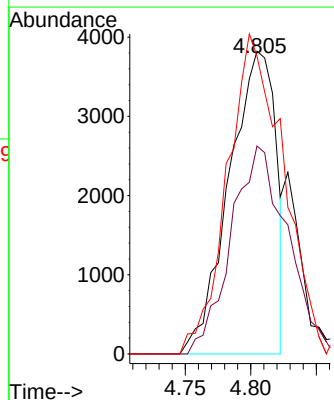
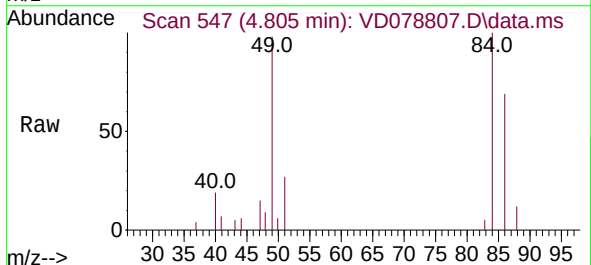
Instrument :
MSVOA_D
ClientSampleId :

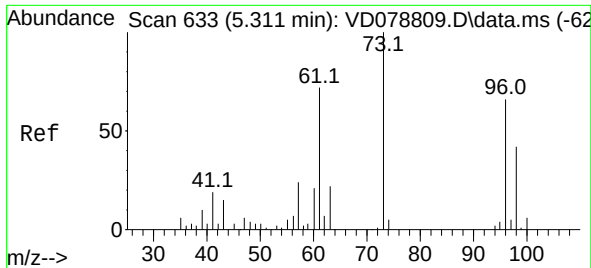
Tgt Ion: 43 Resp: 1824
Ion Ratio Lower Upper
43 100
74 21.1 23.4 35.2#



#16
Methylene chloride
Concen: 2.403 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

Tgt Ion: 84 Resp: 9505
Ion Ratio Lower Upper
84 100
86 68.7 44.7 83.1
49 98.3 67.1 124.5

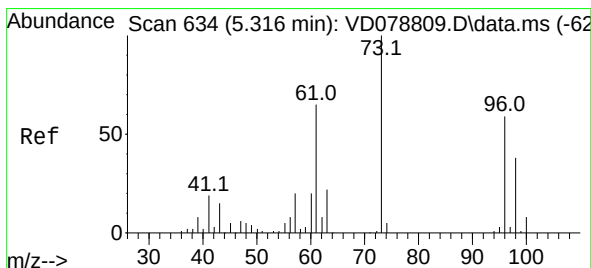
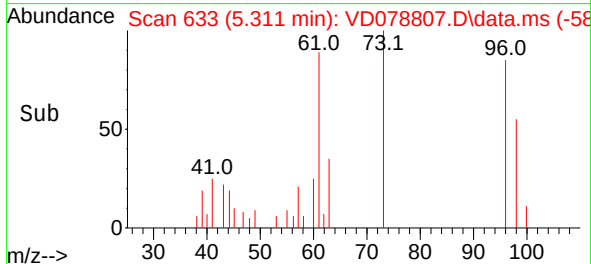
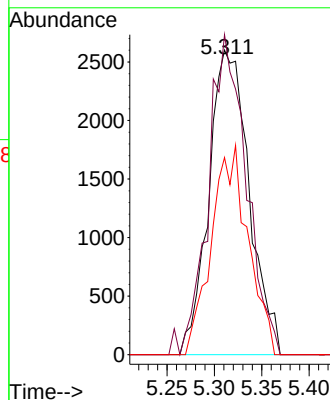
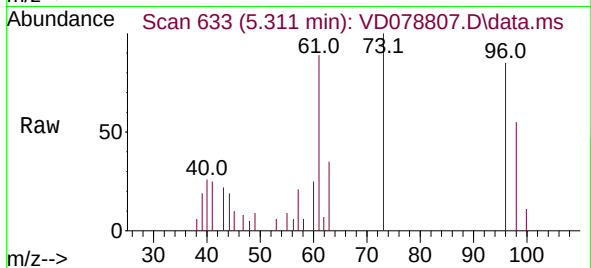




#17
trans-1,2-Dichloroethene
Concen: 2.309 ug/L
RT: 5.311 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

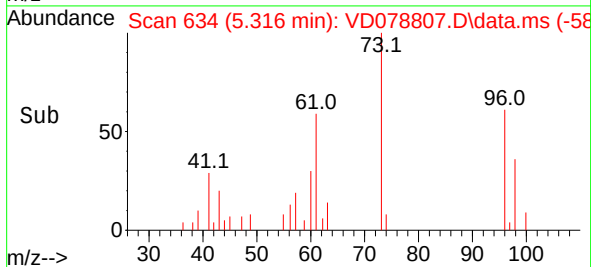
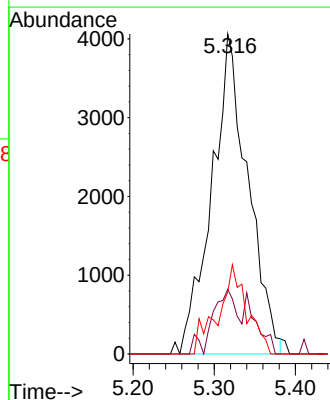
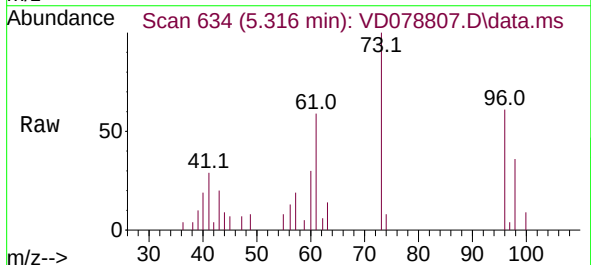
Instrument :
MSVOA_D
ClientSampleId :

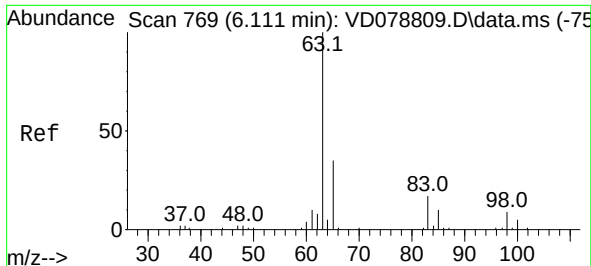
Tgt Ion: 96 Resp: 7704
Ion Ratio Lower Upper
96 100
61 105.0 76.2 141.6
98 64.7 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 1.970 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

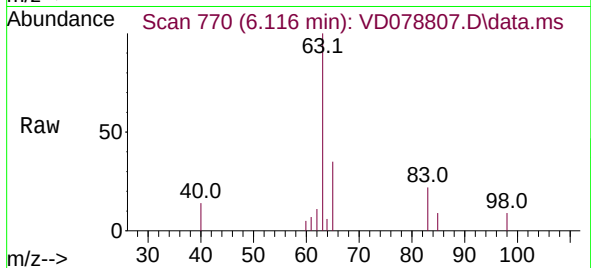
Tgt Ion: 73 Resp: 12578
Ion Ratio Lower Upper
73 100
43 12.8 7.0 10.4#
57 13.1 17.4 26.0#



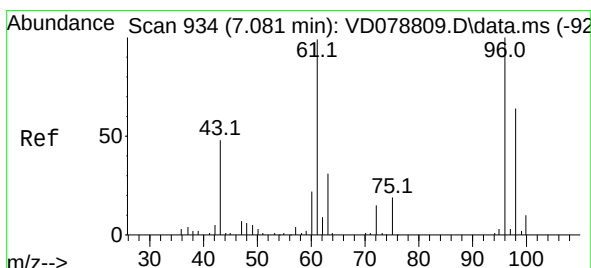
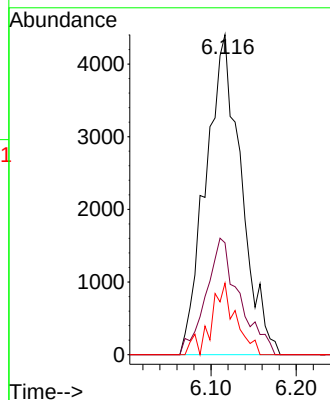
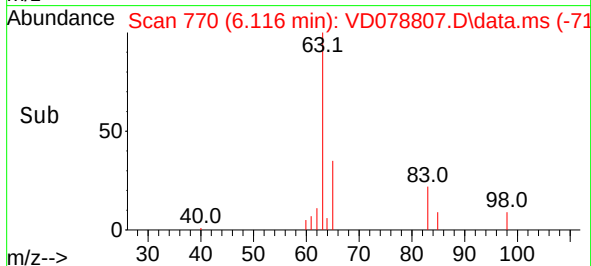


#19
1,1-Dichloroethane
Concen: 2.392 ug/L
RT: 6.116 min Scan# 71
Delta R.T. 0.006 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

Instrument :
MSVOA_D
ClientSampleId :

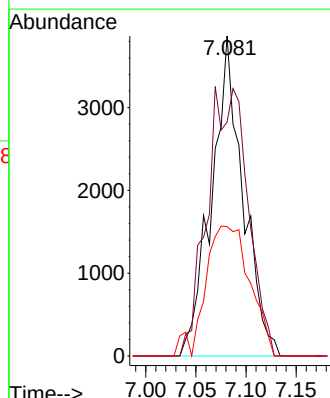
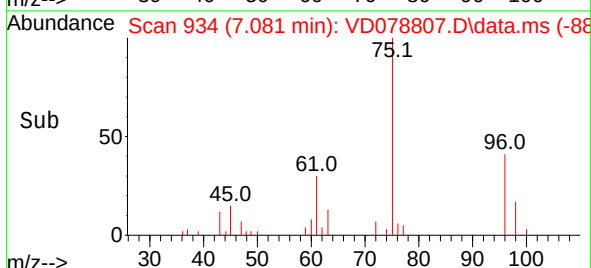
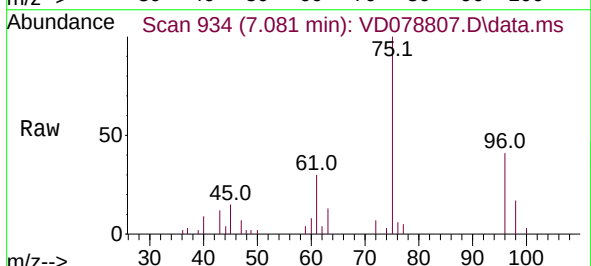


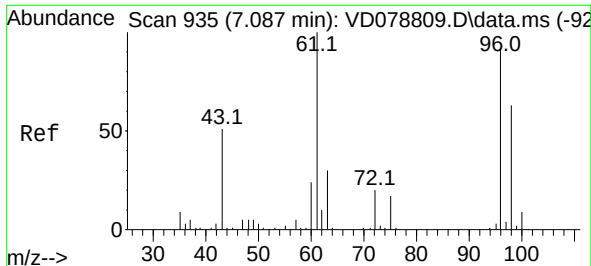
Tgt Ion: 63 Resp: 12715
Ion Ratio Lower Upper
63 100
65 35.0 24.3 45.1
83 22.3 11.5 21.5#



#20
cis-1,2-Dichloroethene
Concen: 2.320 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

Tgt Ion: 96 Resp: 8416
Ion Ratio Lower Upper
96 100
61 73.1 69.0 128.2
98 40.4 44.8 83.2#





#22

2-Butanone

Concen: 0.471 ug/L

RT: 7.058 min Scan# 91

Delta R.T. -0.029 min

Lab File: VD078807.D

Acq: 11 Apr 2024 11:16

Instrument :

MSVOA_D

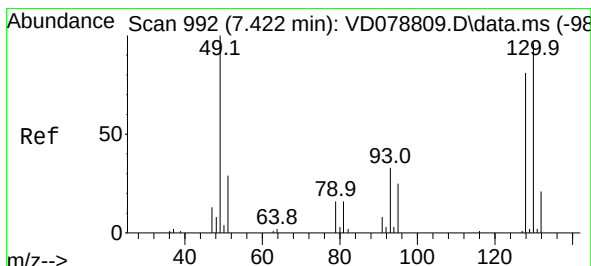
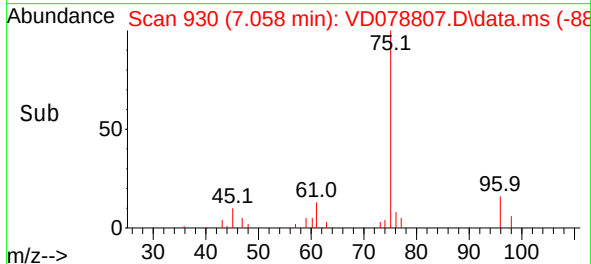
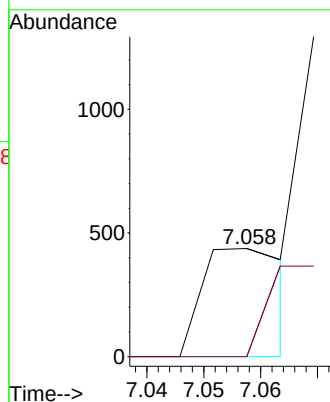
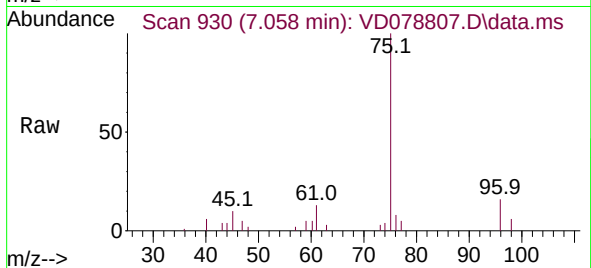
ClientSampleId :

Tgt Ion: 43 Resp: 445

Ion Ratio Lower Upper

43 100

72 29.0 16.8 50.4



#23

Bromochloromethane

Concen: 1.561 ug/L

RT: 7.416 min Scan# 991

Delta R.T. -0.006 min

Lab File: VD078807.D

Acq: 11 Apr 2024 11:16

Tgt Ion: 128 Resp: 2794

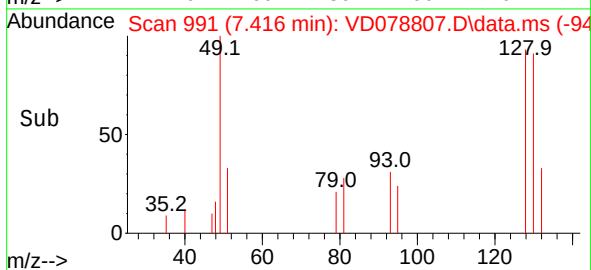
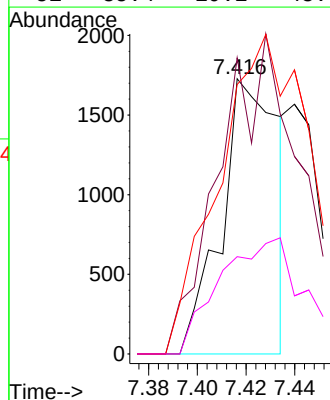
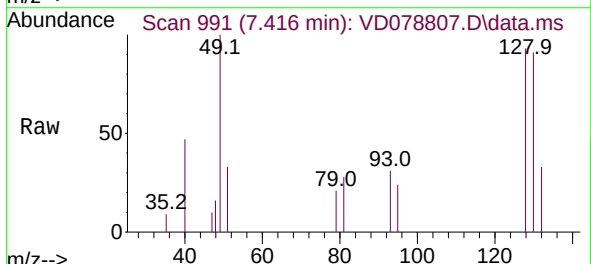
Ion Ratio Lower Upper

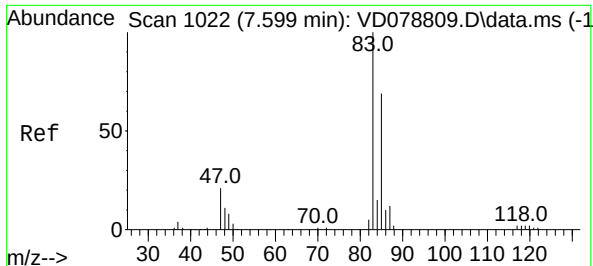
128 100

49 107.6 87.6 162.8

130 97.9 84.5 156.9

51 35.4 29.2 43.8





#25

Chloroform

Concen: 2.492 ug/L

RT: 7.593 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078807.D

Acq: 11 Apr 2024 11:16

Instrument :

MSVOA_D

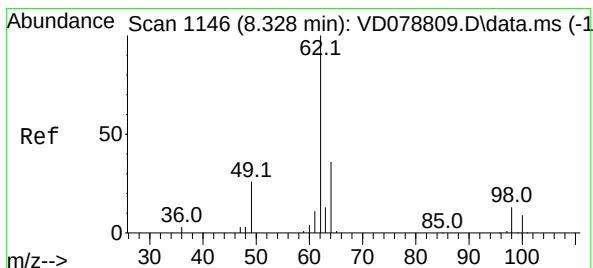
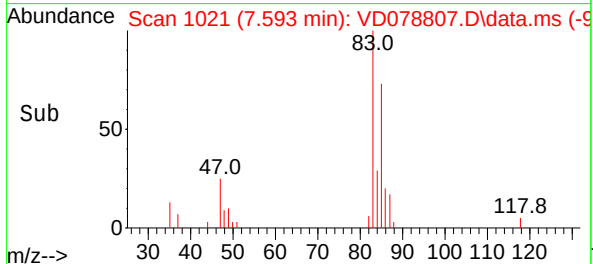
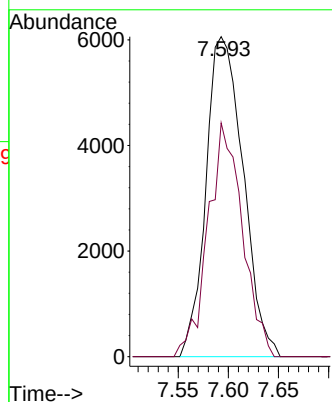
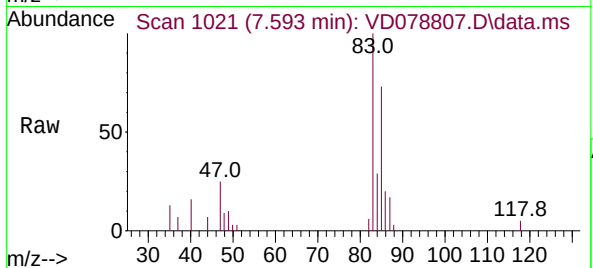
ClientSampleId :

Tgt Ion: 83 Resp: 15614

Ion Ratio Lower Upper

83 100

85 73.0 48.6 90.2



#27

1,2-Dichloroethane

Concen: 2.309 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD078807.D

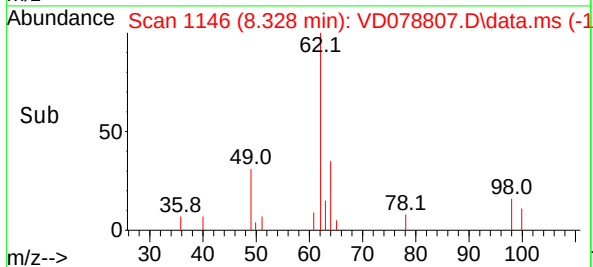
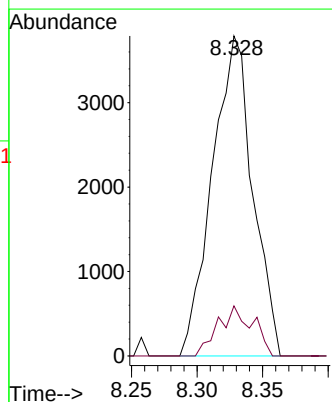
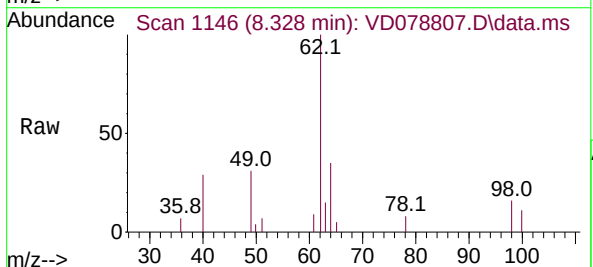
Acq: 11 Apr 2024 11:16

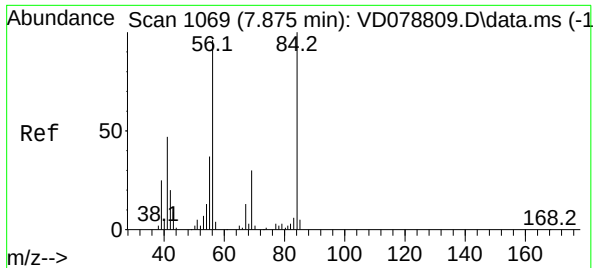
Tgt Ion: 62 Resp: 8132

Ion Ratio Lower Upper

62 100

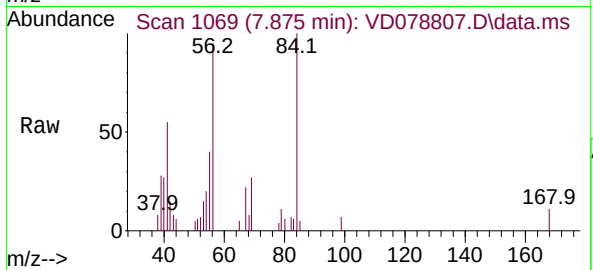
98 15.6 10.0 15.0#



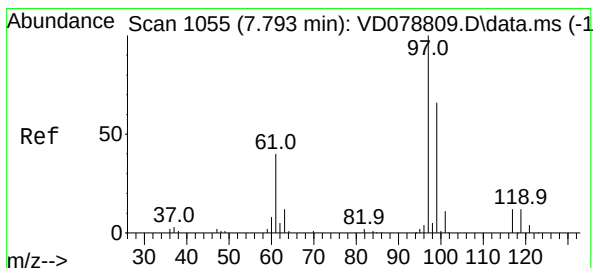
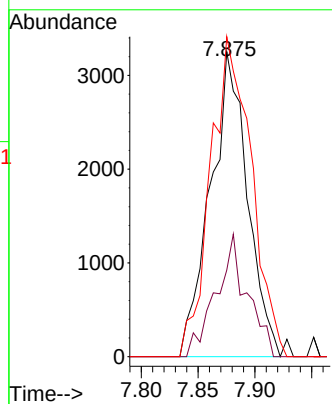
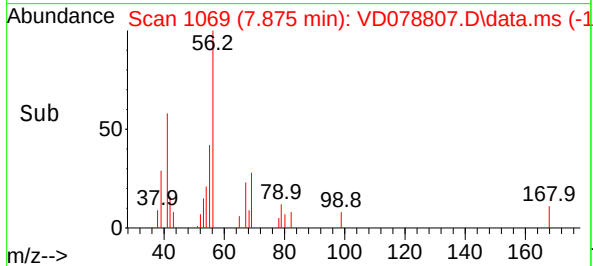


#29
Cyclohexane
Concen: 1.903 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

Instrument :
MSVOA_D
ClientSampleId :

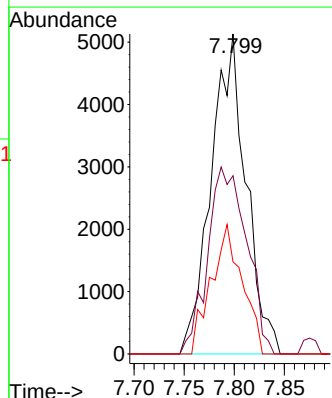
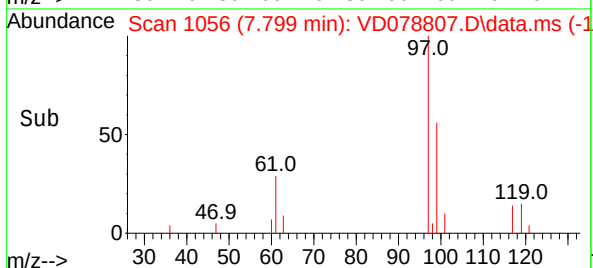
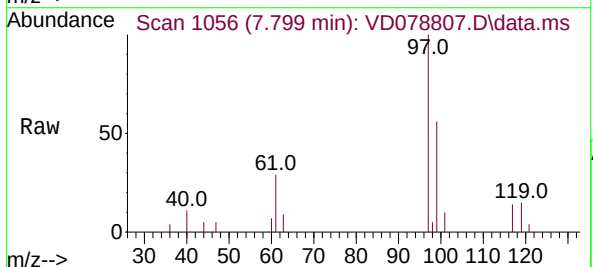


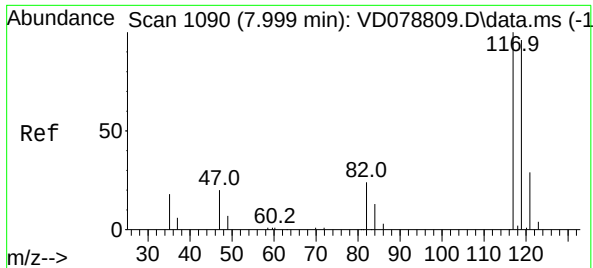
Tgt Ion: 56 Resp: 7364
Ion Ratio Lower Upper
56 100
69 24.6 26.1 39.1#
84 115.7 84.2 126.4



#30
1,1,1-Trichloroethane
Concen: 2.426 ug/L
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

Tgt Ion: 97 Resp: 12430
Ion Ratio Lower Upper
97 100
99 65.7 50.8 76.2
61 36.0 31.5 47.3

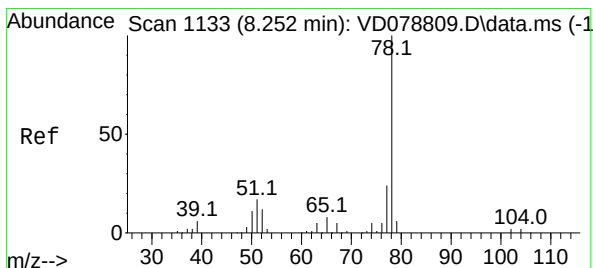
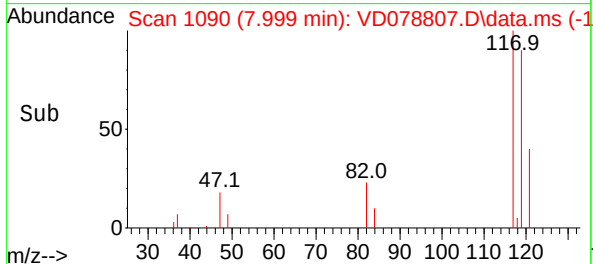
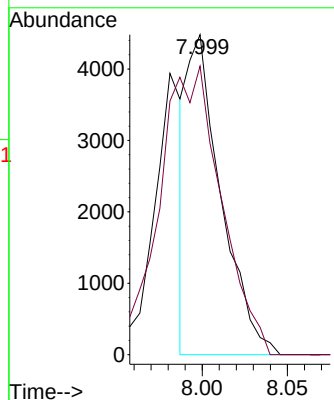
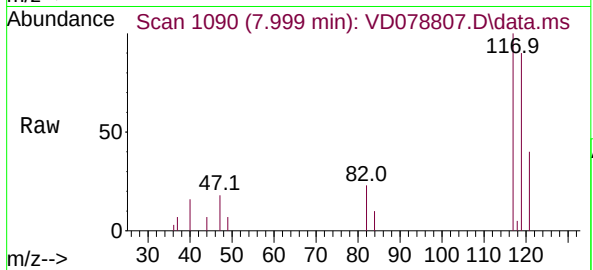




#31
Carbon tetrachloride
Concen: 1.351 ug/L
RT: 7.999 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

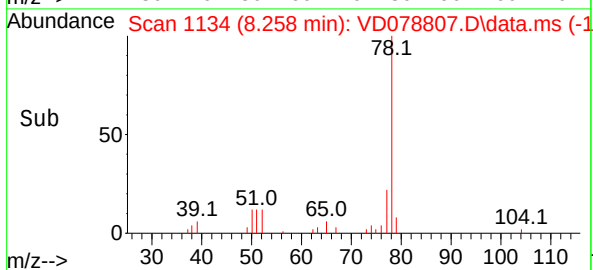
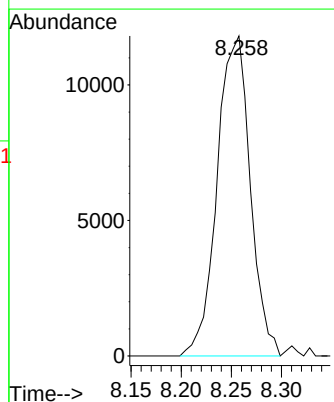
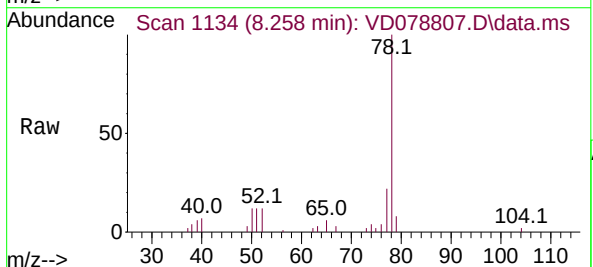
Instrument :
MSVOA_D
ClientSampleId :

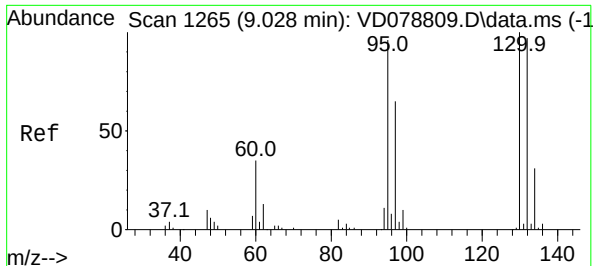
Tgt Ion:117 Resp: 6205
Ion Ratio Lower Upper
117 100
119 0.0 77.0 115.4#



#33
Benzene
Concen: 2.103 ug/L
RT: 8.258 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

Tgt Ion: 78 Resp: 27166





#34

Trichloroethene

Concen: 2.413 ug/L

RT: 9.034 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078807.D

Acq: 11 Apr 2024 11:16

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 8313

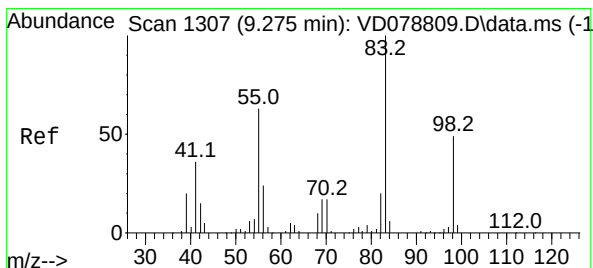
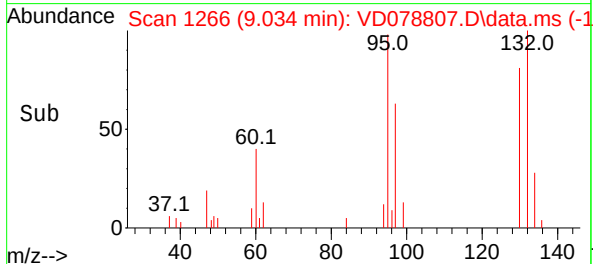
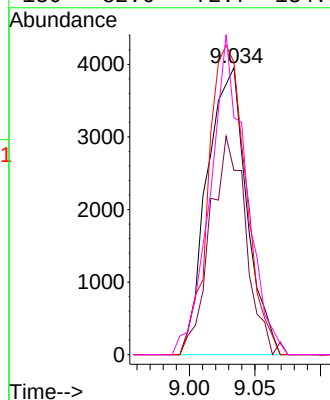
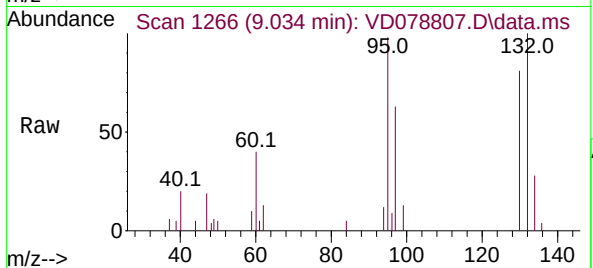
Ion Ratio Lower Upper

95 100

97 64.2 47.4 88.0

132 101.9 70.8 131.4

130 82.6 72.7 134.9



#35

Methylcyclohexane

Concen: 2.003 ug/L

RT: 9.281 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VD078807.D

Acq: 11 Apr 2024 11:16

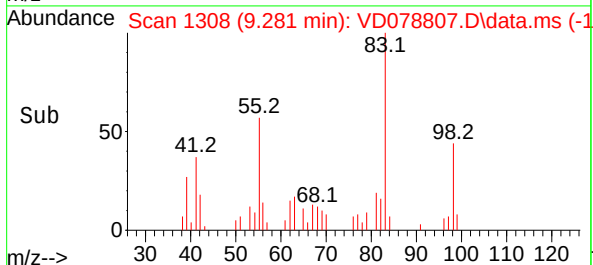
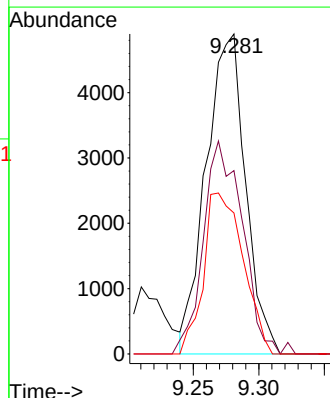
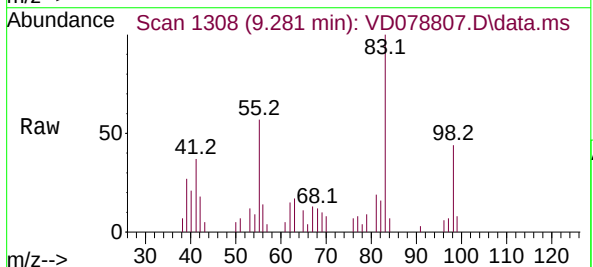
Tgt Ion: 83 Resp: 10253

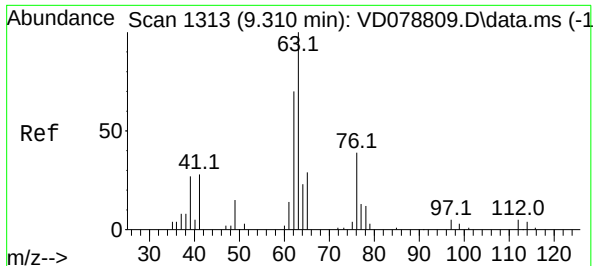
Ion Ratio Lower Upper

83 100

55 65.7 50.2 75.2

98 50.6 40.7 61.1

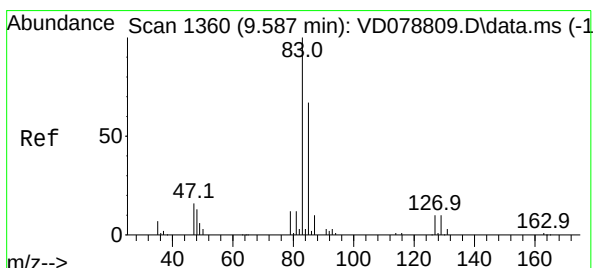
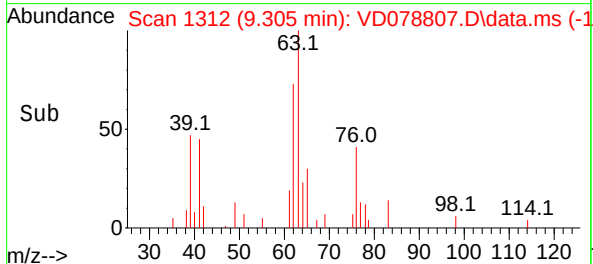
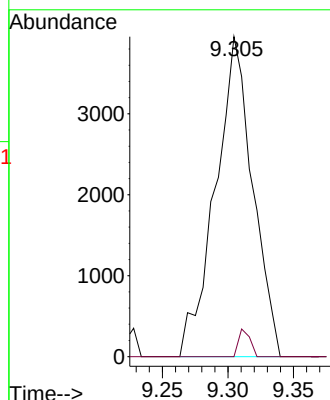
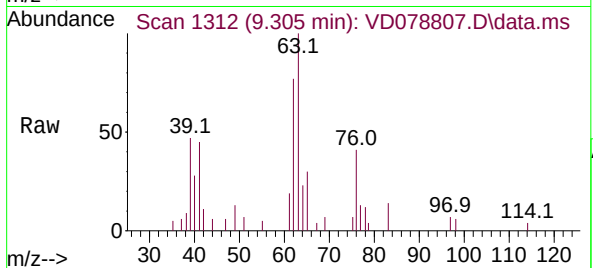




#37
1,2-Dichloropropane
Concen: 2.363 ug/L
RT: 9.305 min Scan# 1312
Delta R.T. -0.006 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

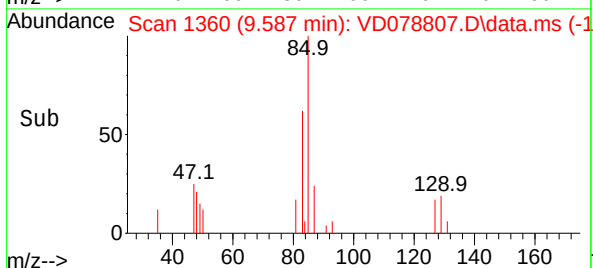
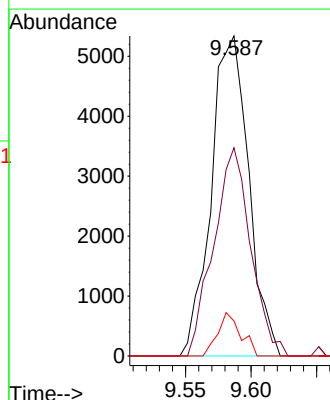
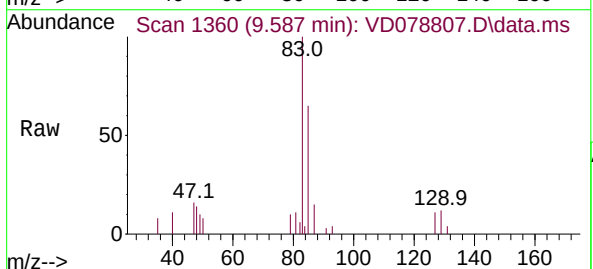
Instrument :
MSVOA_D
ClientSampleId :

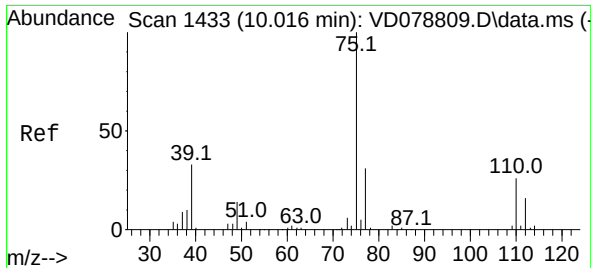
Tgt Ion: 63 Resp: 7826
Ion Ratio Lower Upper
63 100
112 2.6 4.3 6.5#



#38
Bromodichloromethane
Concen: 2.329 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

Tgt Ion: 83 Resp: 10612
Ion Ratio Lower Upper
83 100
85 65.1 46.8 87.0
127 11.0 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 1.940 ug/L

RT: 10.022 min Scan# 1433

Delta R.T. 0.006 min

Lab File: VD078807.D

Acq: 11 Apr 2024 11:16

Instrument :

MSVOA_D

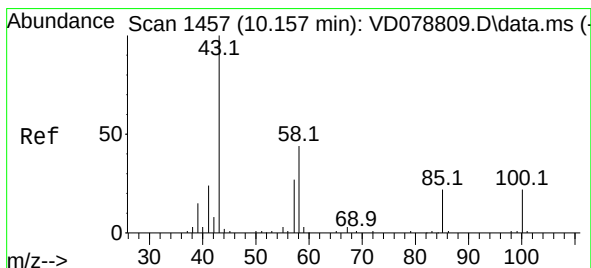
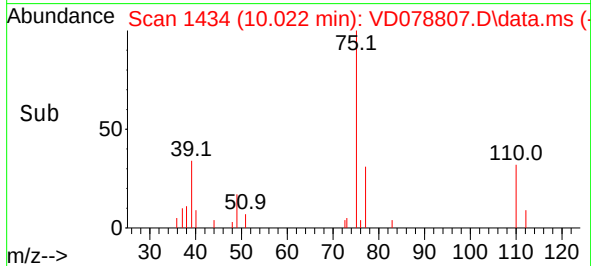
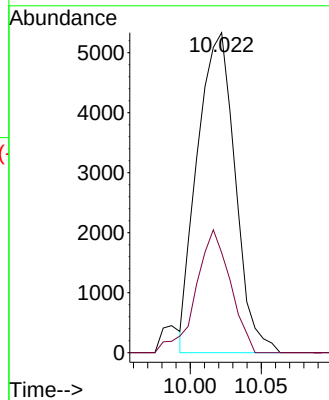
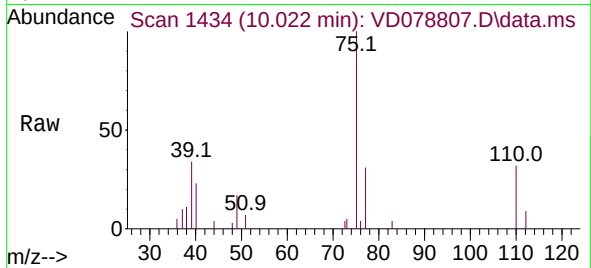
ClientSampleId :

Tgt Ion: 75 Resp: 9869

Ion Ratio Lower Upper

75 100

77 31.3 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 4.386 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD078807.D

Acq: 11 Apr 2024 11:16

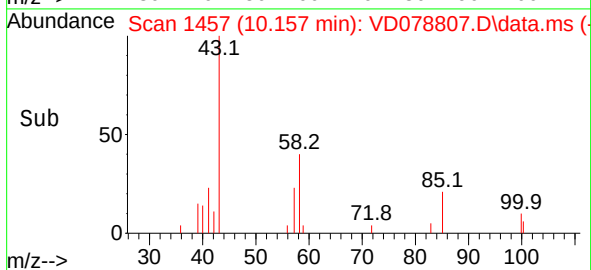
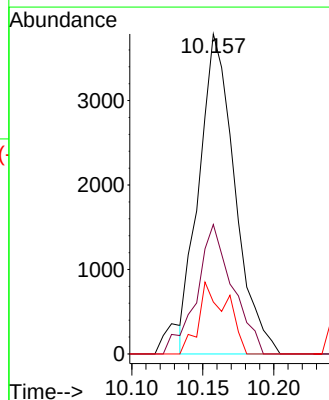
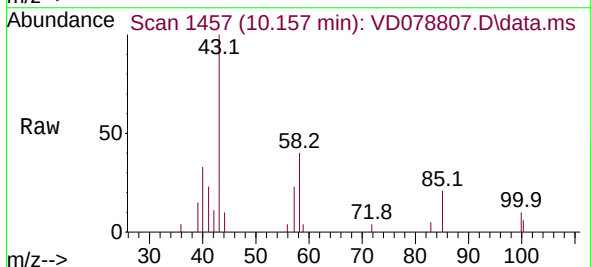
Tgt Ion: 43 Resp: 6635

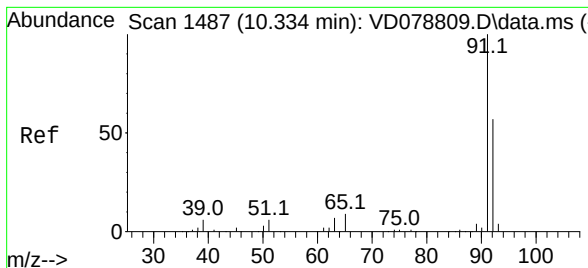
Ion Ratio Lower Upper

43 100

58 40.6 36.2 54.2

100 12.8 18.3 27.5#





#42

Toluene

Concen: 1.996 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

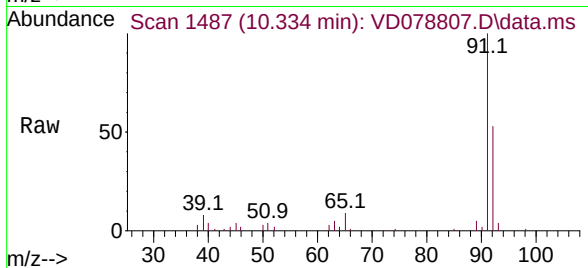
Lab File: VD078807.D

Acq: 11 Apr 2024 11:16

Instrument :

MSVOA_D

ClientSampleId :

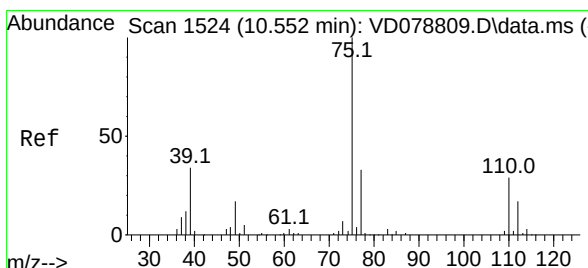
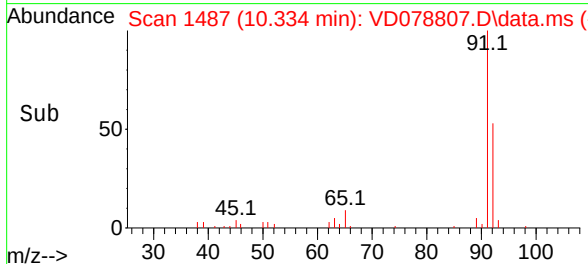
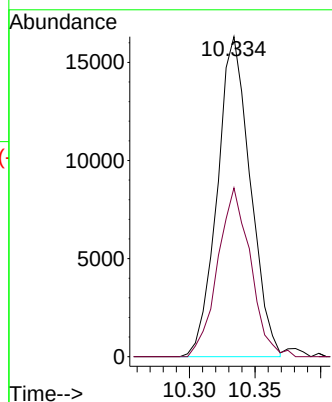


Tgt Ion: 91 Resp: 28539

Ion Ratio Lower Upper

91 100

92 52.8 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 2.019 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD078807.D

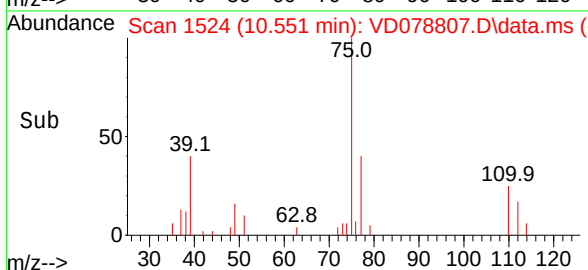
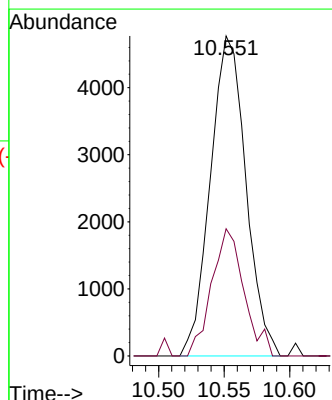
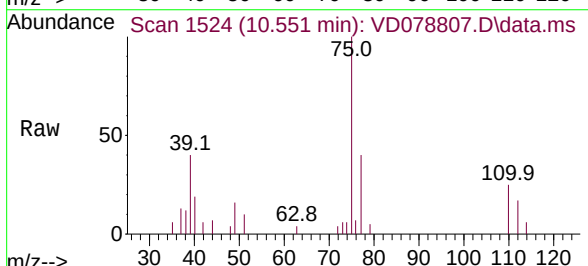
Acq: 11 Apr 2024 11:16

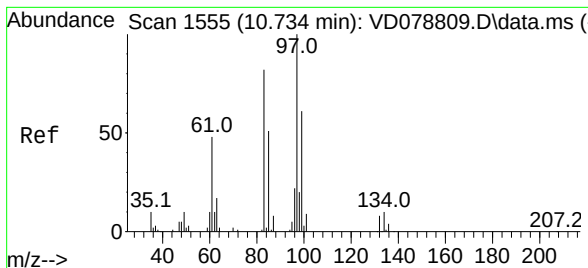
Tgt Ion: 75 Resp: 9000

Ion Ratio Lower Upper

75 100

77 39.7 23.4 43.4





#45

1,1,2-Trichloroethane

Concen: 2.398 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

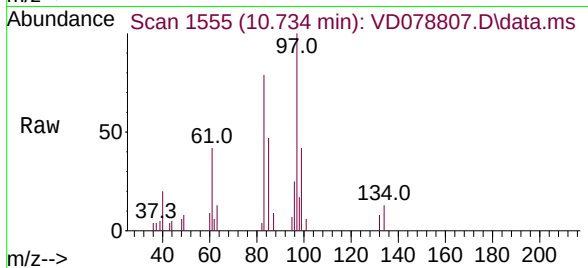
Lab File: VD078807.D

Acq: 11 Apr 2024 11:16

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 6934

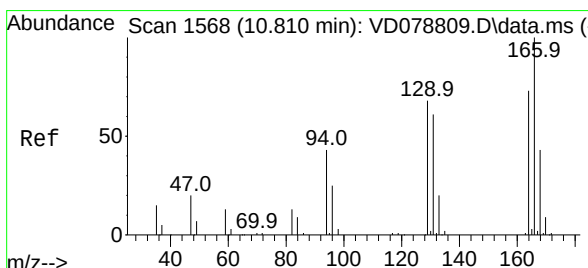
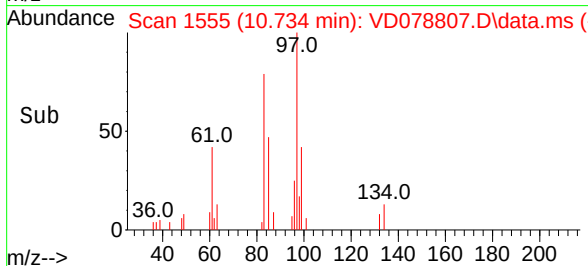
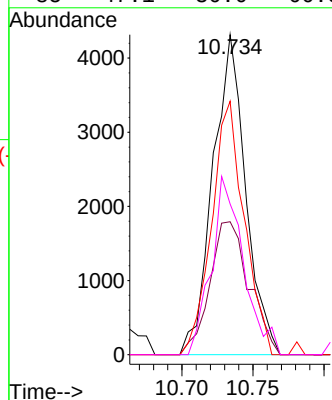
Ion Ratio Lower Upper

97 100

99 41.6 42.6 79.2#

83 79.2 58.0 107.6

85 47.1 36.0 66.8



#46

Tetrachloroethene

Concen: 2.244 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD078807.D

Acq: 11 Apr 2024 11:16

Tgt Ion: 164 Resp: 6476

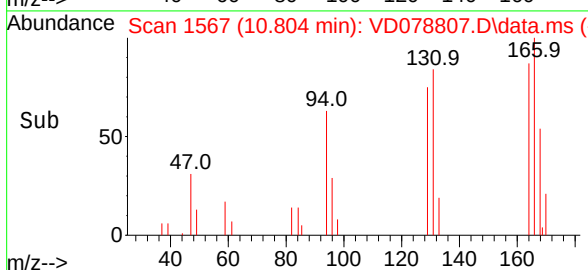
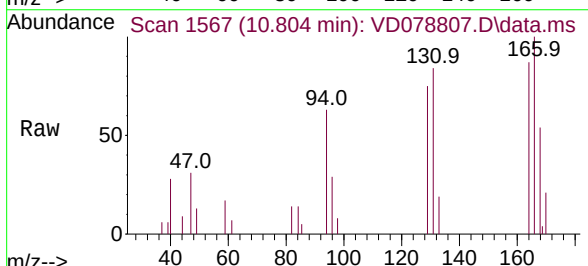
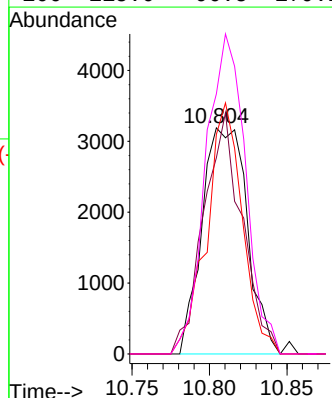
Ion Ratio Lower Upper

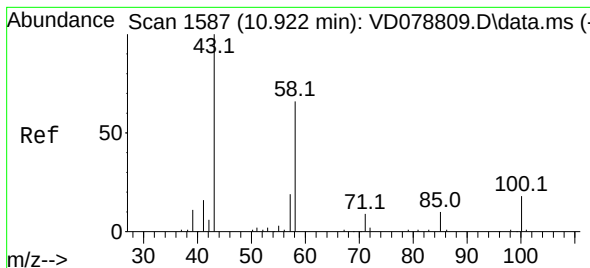
164 100

129 86.7 65.3 121.3

131 97.1 58.4 108.6

166 115.0 96.5 179.1





#48

2-Hexanone

Concen: 3.033 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

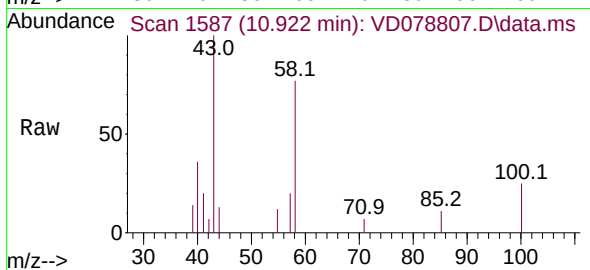
Lab File: VD078807.D

Acq: 11 Apr 2024 11:16

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 3611

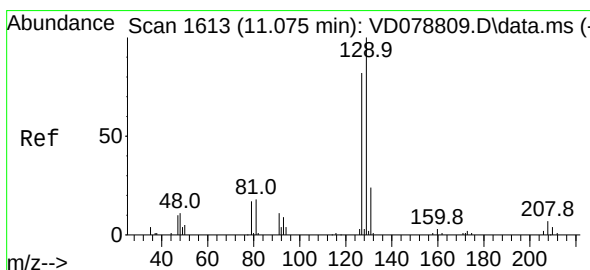
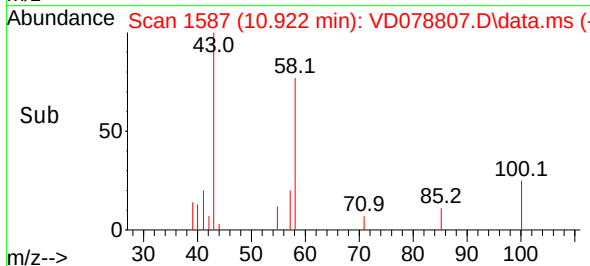
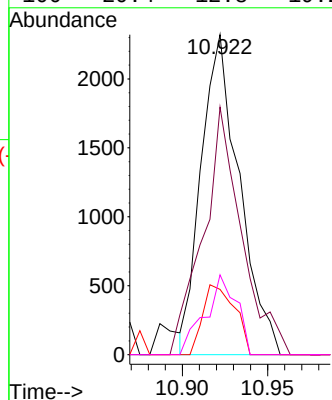
Ion Ratio Lower Upper

43 100

58 78.0 50.3 75.5#

57 18.3 16.5 24.7

100 20.4 12.8 19.2#



#49

Dibromochloromethane

Concen: 2.183 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD078807.D

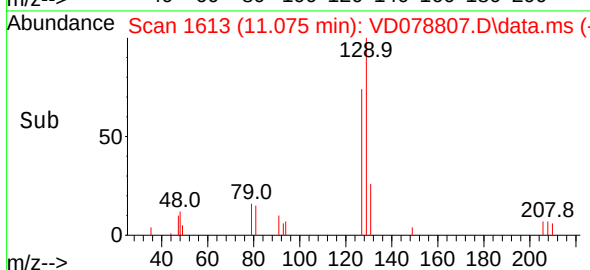
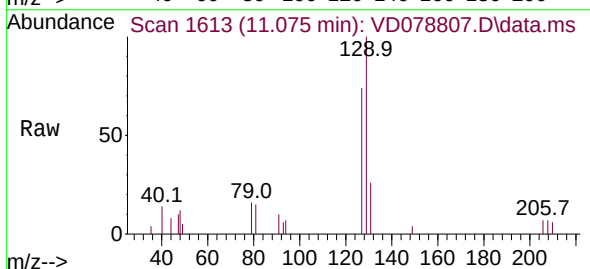
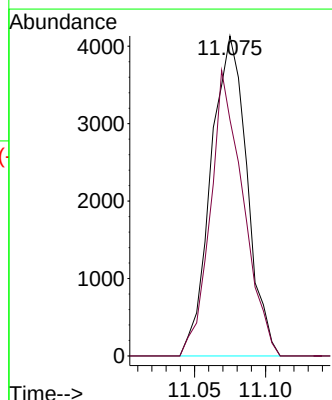
Acq: 11 Apr 2024 11:16

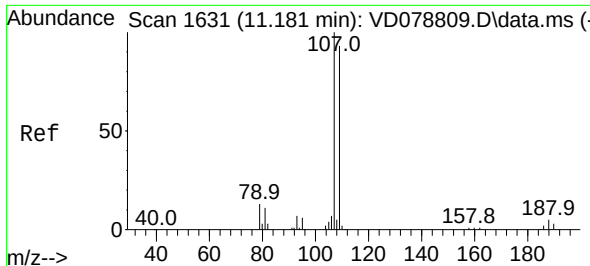
Tgt Ion: 129 Resp: 7309

Ion Ratio Lower Upper

129 100

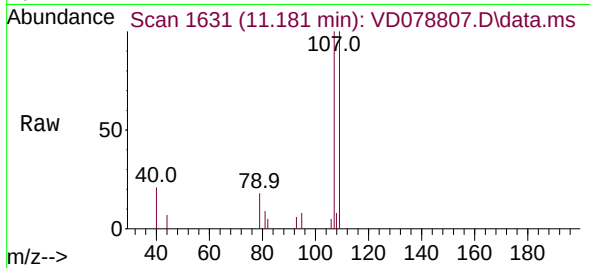
127 73.8 57.1 106.1



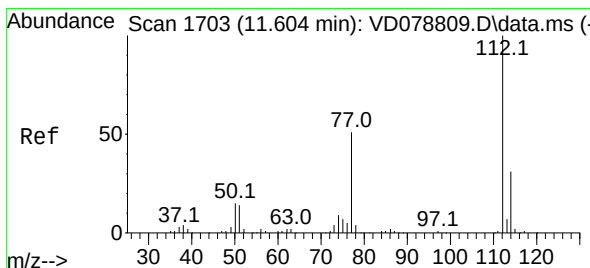
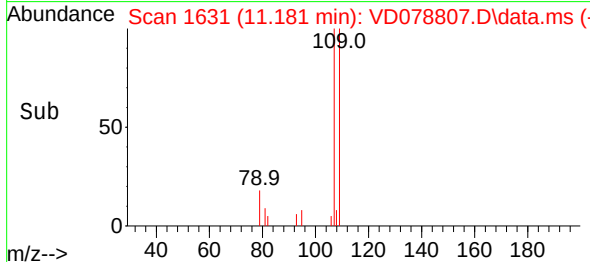
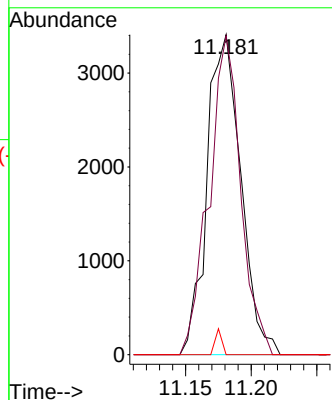


#50
1,2-Dibromoethane
Concen: 2.177 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

Instrument :
MSVOA_D
ClientSampleId :

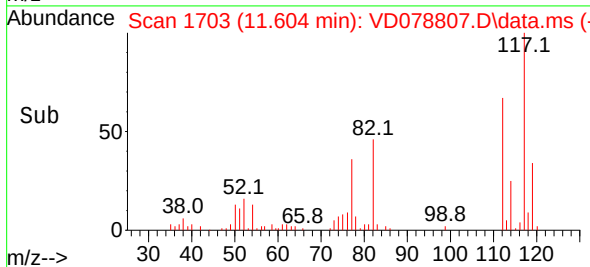
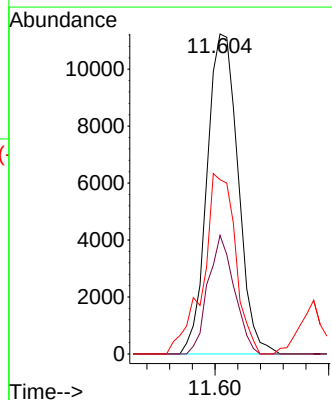
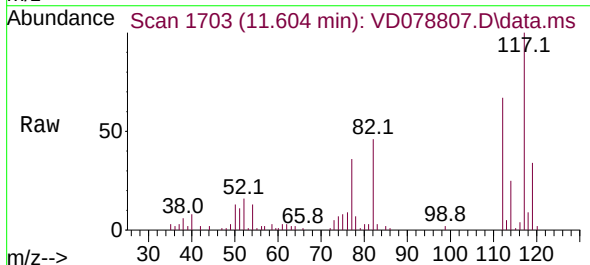


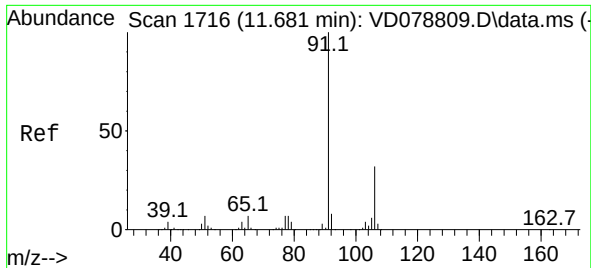
Tgt Ion:107 Resp: 6118
Ion Ratio Lower Upper
107 100
109 99.6 64.8 120.4
188 0.0 3.6 5.4#



#51
Chlorobenzene
Concen: 2.213 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

Tgt Ion:112 Resp: 21341
Ion Ratio Lower Upper
112 100
114 37.1 21.7 40.3
77 54.5 41.0 61.6





#52

Ethylbenzene

Concen: 1.957 ug/L

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD078807.D

Acq: 11 Apr 2024 11:16

Instrument :

MSVOA_D

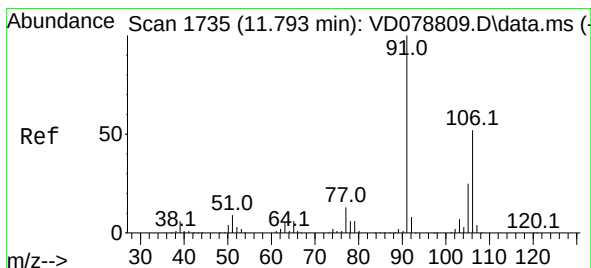
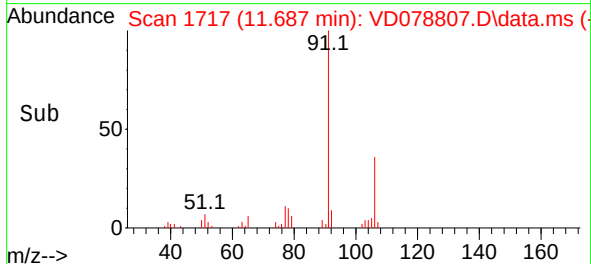
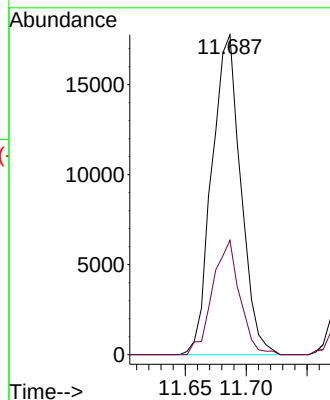
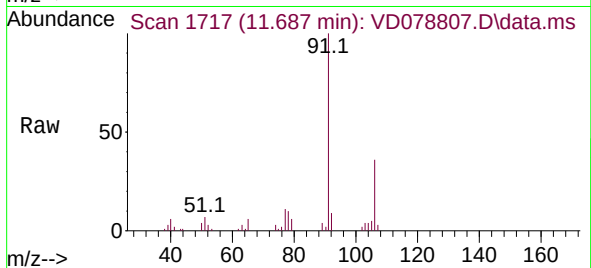
ClientSampleId :

Tgt Ion: 91 Resp: 29418

Ion Ratio Lower Upper

91 100

106 35.8 22.3 41.3



#53

m,p-Xylene

Concen: 1.943 ug/L

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078807.D

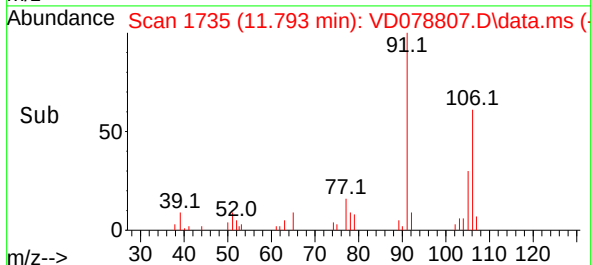
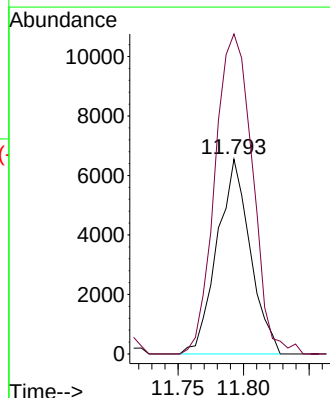
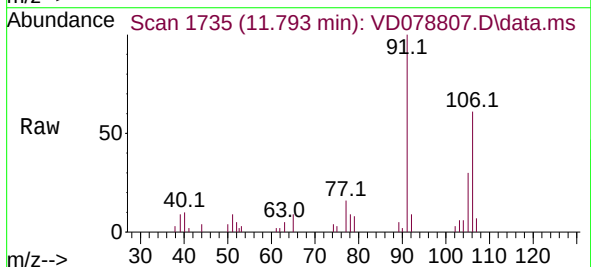
Acq: 11 Apr 2024 11:16

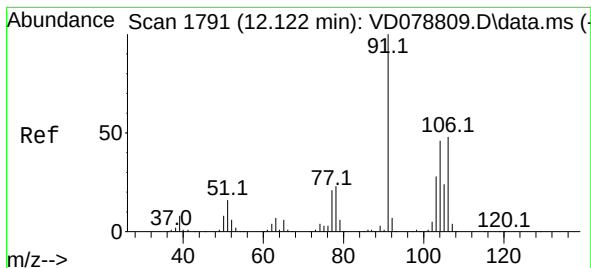
Tgt Ion: 106 Resp: 11505

Ion Ratio Lower Upper

106 100

91 164.4 134.4 249.6





#54

o-Xylene

Concen: 1.792 ug/L

RT: 12.116 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VD078807.D

Acq: 11 Apr 2024 11:16

Instrument :

MSVOA_D

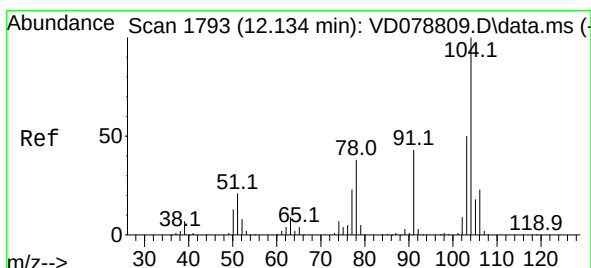
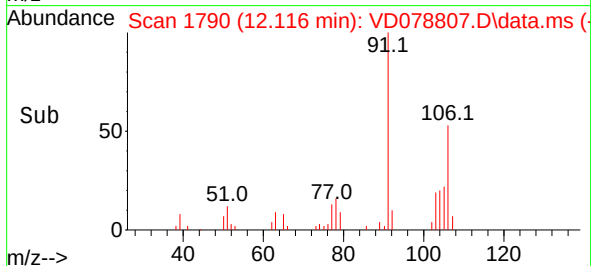
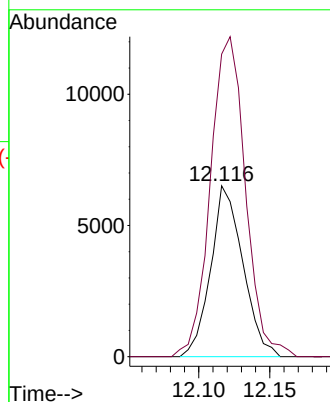
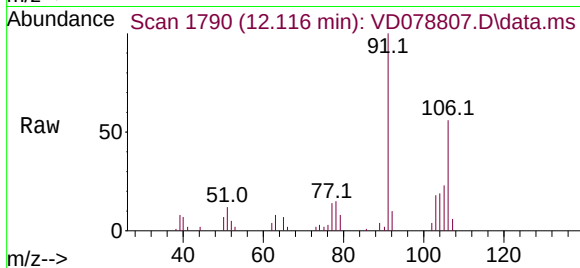
ClientSampleId :

Tgt Ion:106 Resp: 10256

Ion Ratio Lower Upper

106 100

91 177.1 146.2 271.6



#55

Styrene

Concen: 1.673 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078807.D

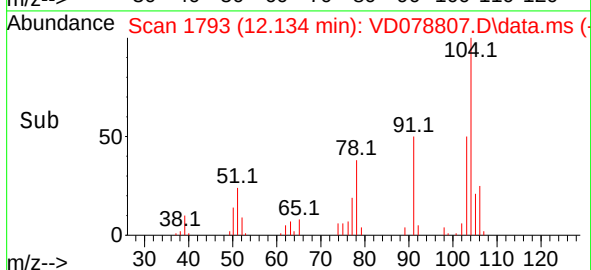
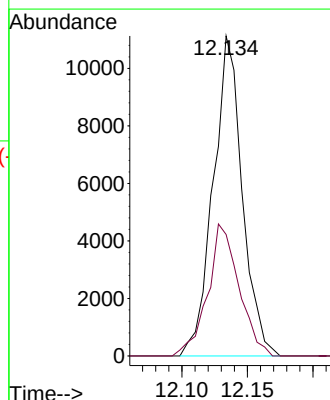
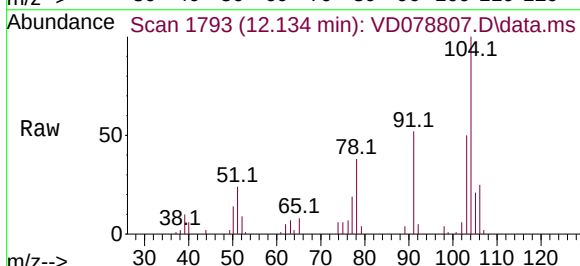
Acq: 11 Apr 2024 11:16

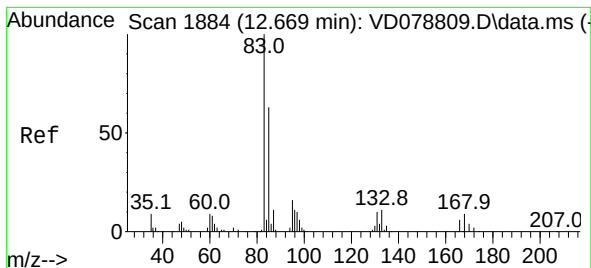
Tgt Ion:104 Resp: 17169

Ion Ratio Lower Upper

104 100

78 37.9 26.4 49.0





#57

1,1,2,2-Tetrachloroethane

Concen: 2.192 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD078807.D

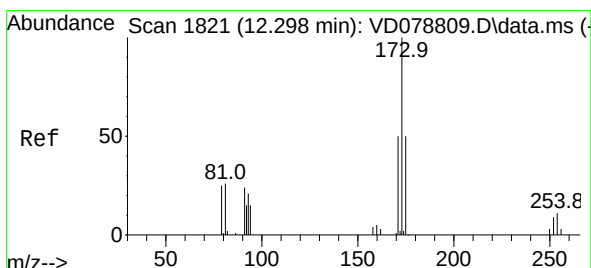
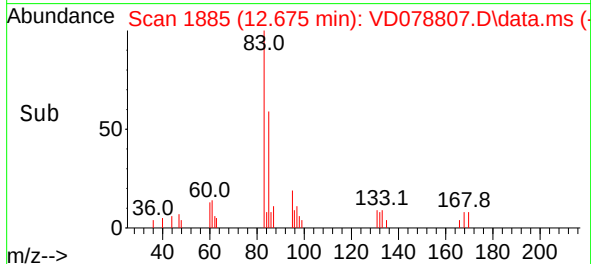
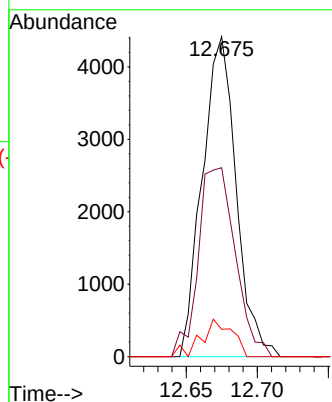
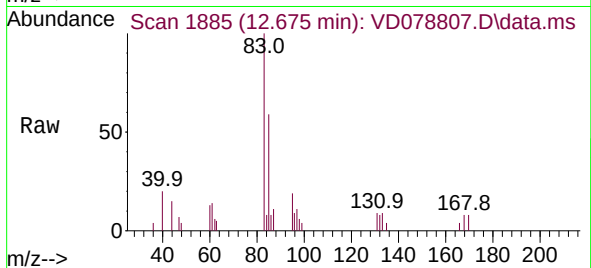
Acq: 11 Apr 2024 11:16

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp:	7319
Ion Ratio	Lower	Upper
83	100	
85	59.0	44.5 82.7
131	8.5	8.1 12.1



#59

Bromoform

Concen: 2.365 ug/L

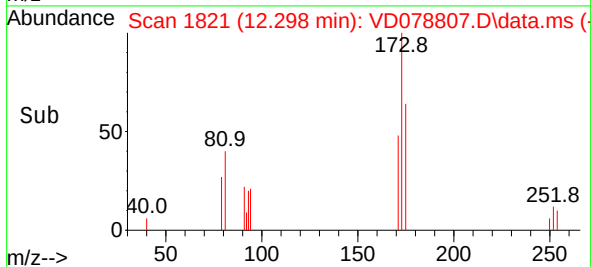
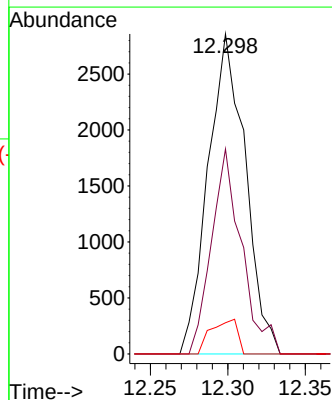
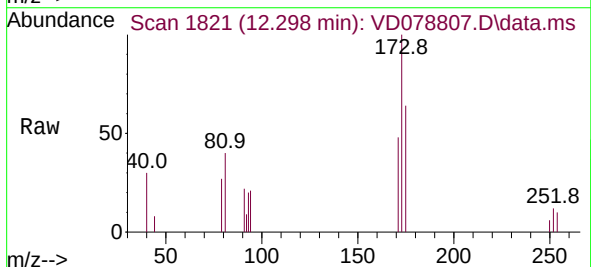
RT: 12.298 min Scan# 1821

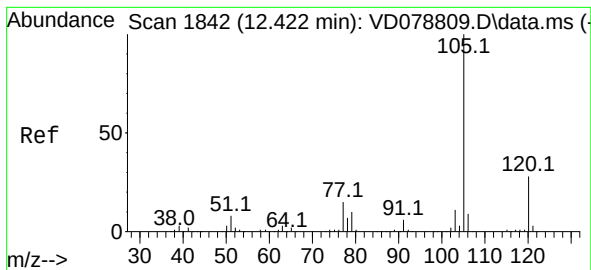
Delta R.T. -0.000 min

Lab File: VD078807.D

Acq: 11 Apr 2024 11:16

Tgt Ion: 173	Resp:	4766
Ion Ratio	Lower	Upper
173	100	
175	50.2	39.0 58.6
254	7.7	7.7 11.5





#60

Isopropylbenzene

Concen: 1.944 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078807.D

Acq: 11 Apr 2024 11:16

Instrument :

MSVOA_D

ClientSampleId :

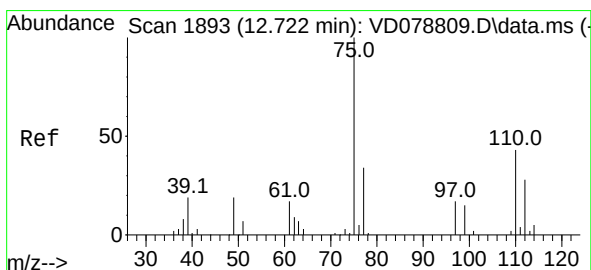
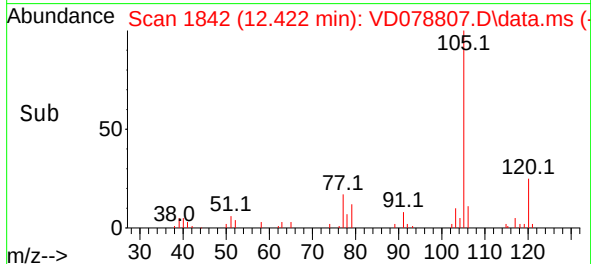
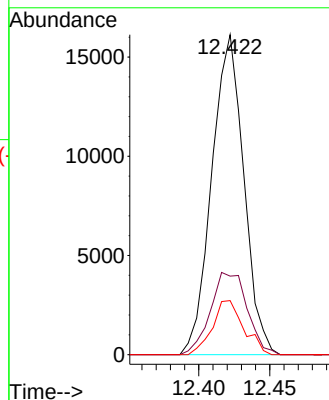
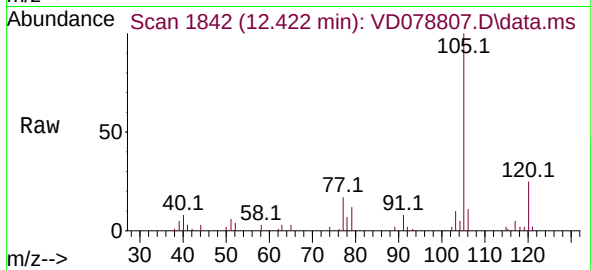
Tgt Ion:105 Resp: 25288

Ion Ratio Lower Upper

105 100

120 29.6 21.6 32.4

77 16.6 11.4 17.2



#61

1,2,3-Trichloropropane

Concen: 2.549 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078807.D

Acq: 11 Apr 2024 11:16

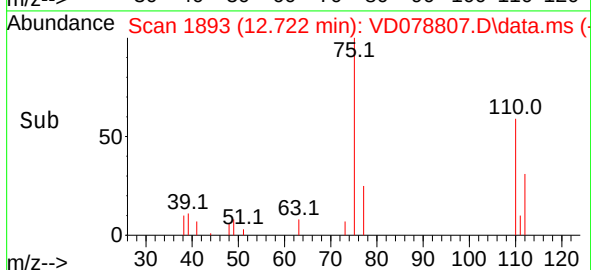
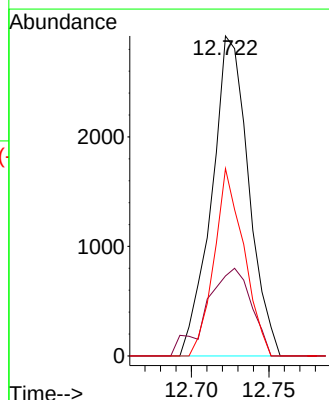
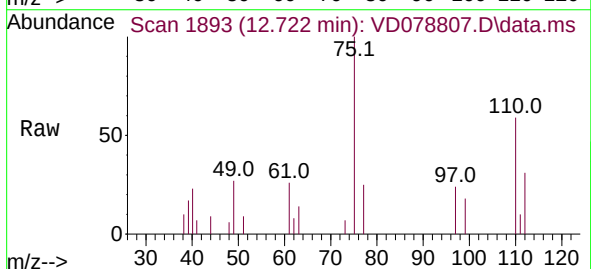
Tgt Ion: 75 Resp: 4838

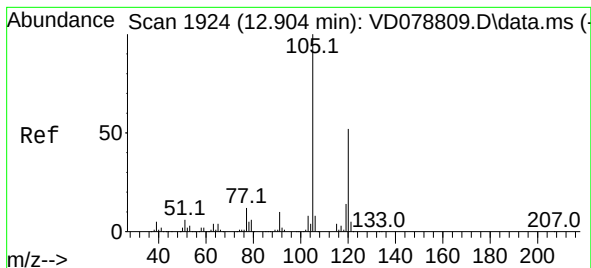
Ion Ratio Lower Upper

75 100

77 29.5 26.9 40.3

110 47.1 34.6 51.8

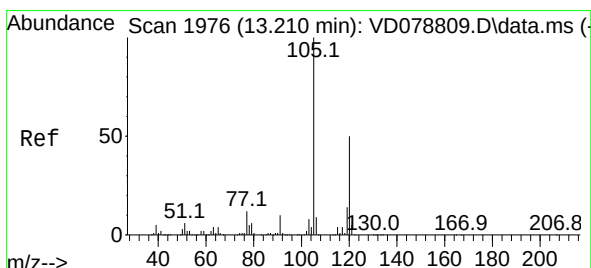
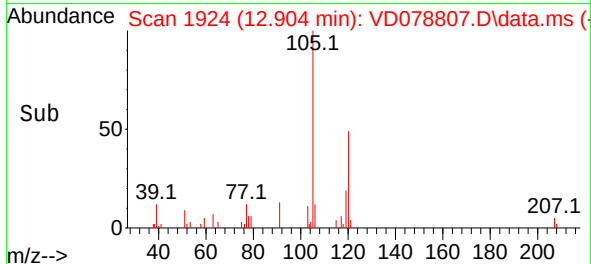
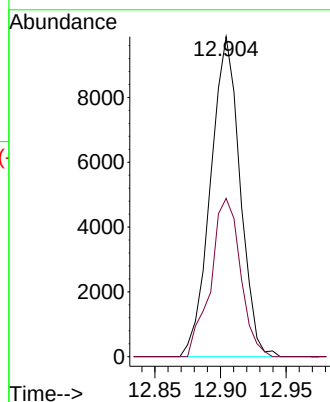
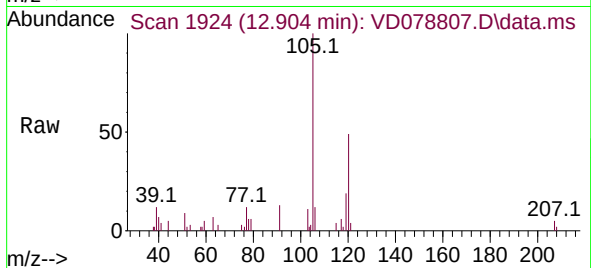




#62
1,3,5-Trimethylbenzene
Concen: 1.958 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

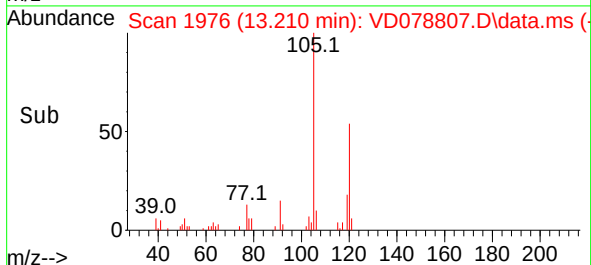
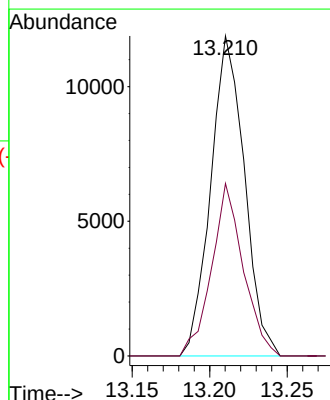
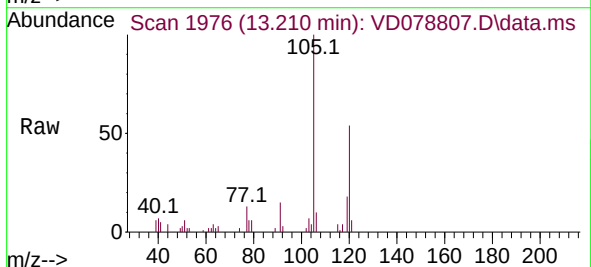
Instrument :
MSVOA_D
ClientSampleId :

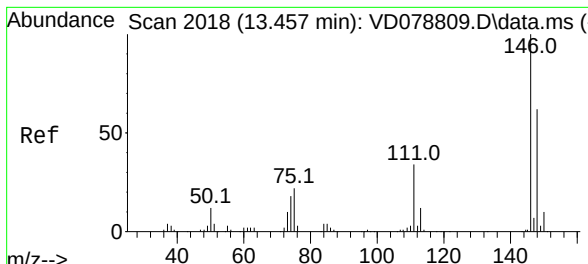
Tgt Ion:105 Resp: 15440
Ion Ratio Lower Upper
105 100
120 49.8 41.2 61.8



#63
1,2,4-Trimethylbenzene
Concen: 1.855 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

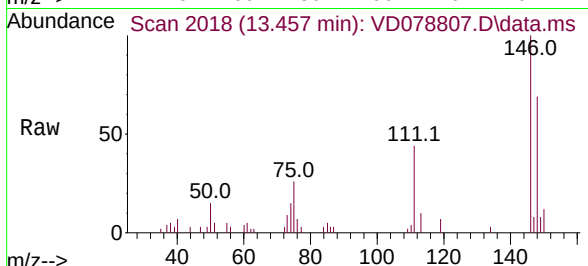
Tgt Ion:105 Resp: 17956
Ion Ratio Lower Upper
105 100
120 50.6 38.6 57.8



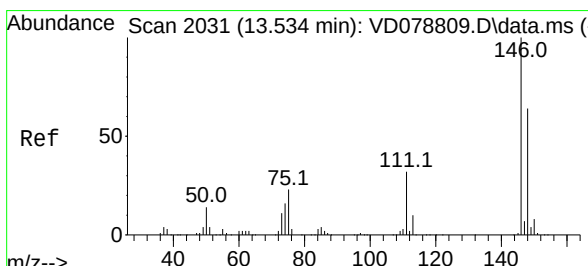
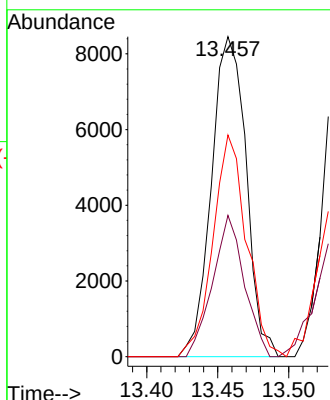
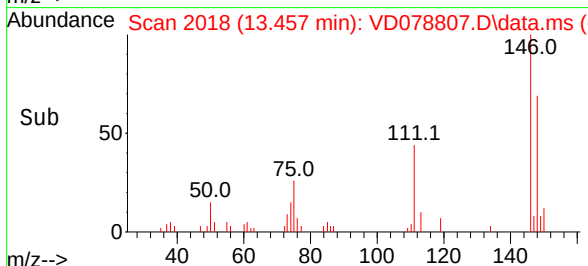


#64
1,3-Dichlorobenzene
Concen: 2.217 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

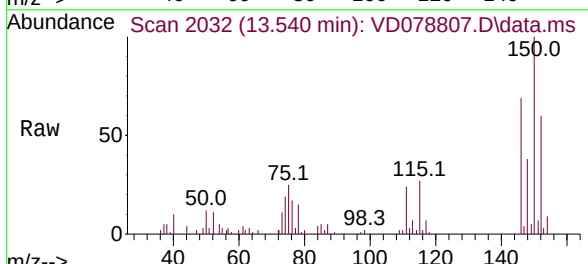
Instrument :
MSVOA_D
ClientSampleId :



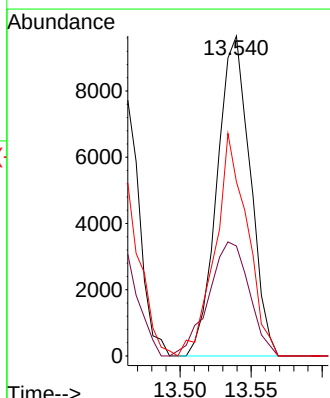
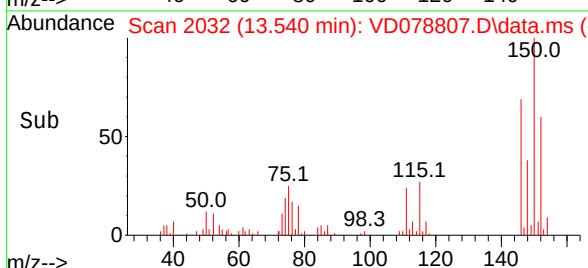
Tgt Ion:146 Resp: 14353
Ion Ratio Lower Upper
146 100
111 44.1 23.7 44.1#
148 69.3 43.6 81.0

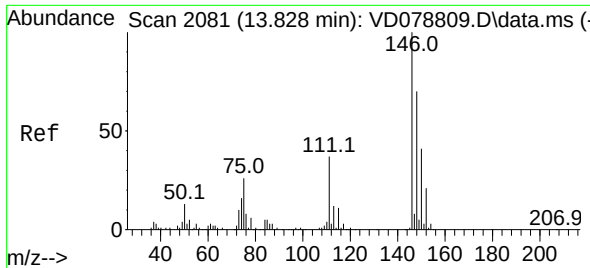


#65
1,4-Dichlorobenzene
Concen: 2.283 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16



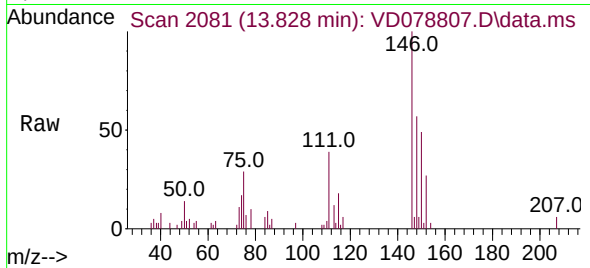
Tgt Ion:146 Resp: 15631
Ion Ratio Lower Upper
146 100
111 34.4 22.7 42.3
148 54.4 44.9 83.5



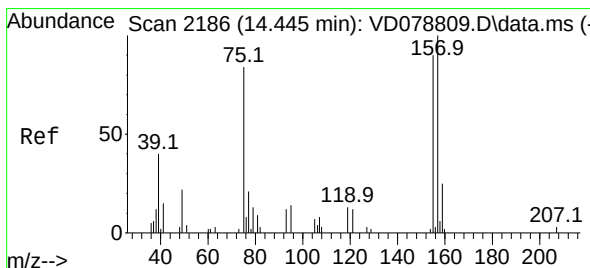
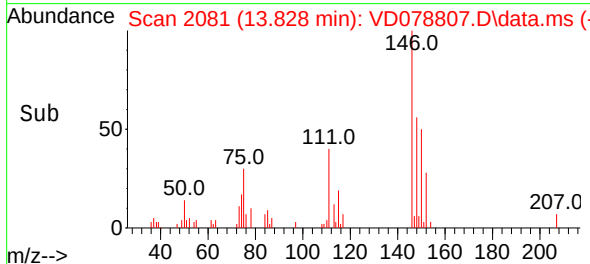
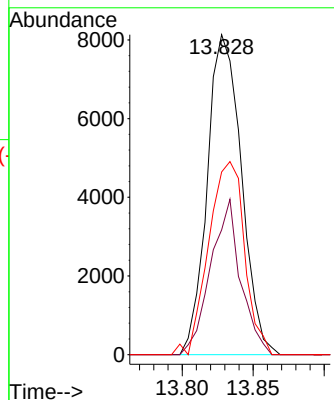


#67
1,2-Dichlorobenzene
Concen: 2.234 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

Instrument :
MSVOA_D
ClientSampleId :

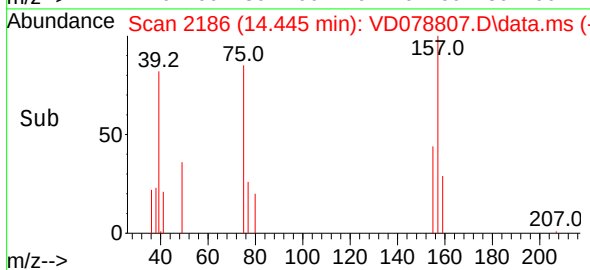
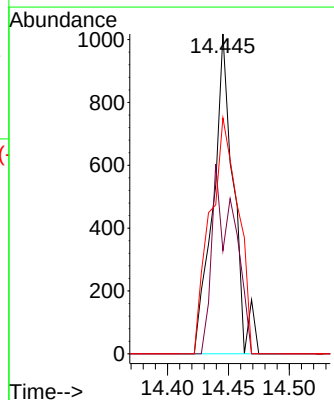
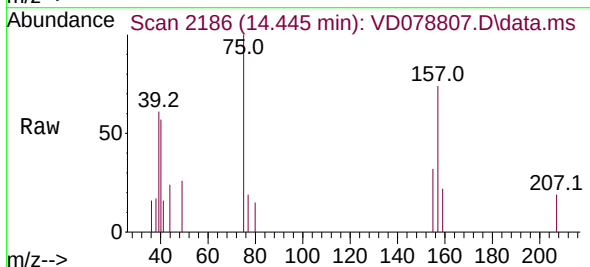


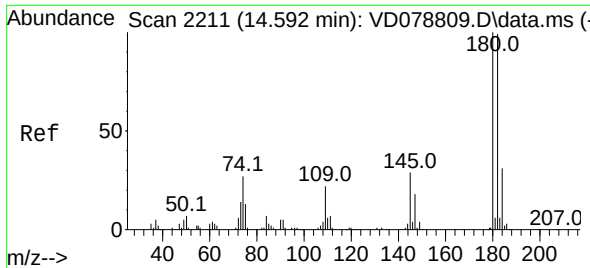
Tgt Ion:146 Resp: 13628
Ion Ratio Lower Upper
146 100
111 39.0 29.5 44.3
148 57.1 55.7 83.5



#68
1,2-Dibromo-3-chloropropane
Concen: 2.738 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

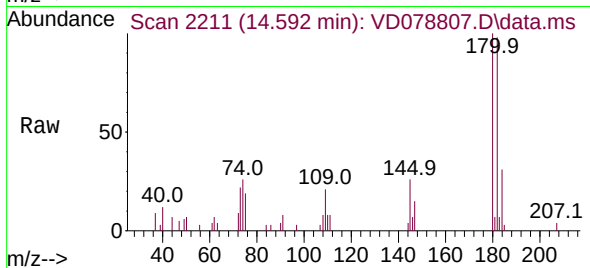
Tgt Ion: 75 Resp: 1183
Ion Ratio Lower Upper
75 100
155 32.2 85.3 127.9#
157 73.8 94.7 142.1#



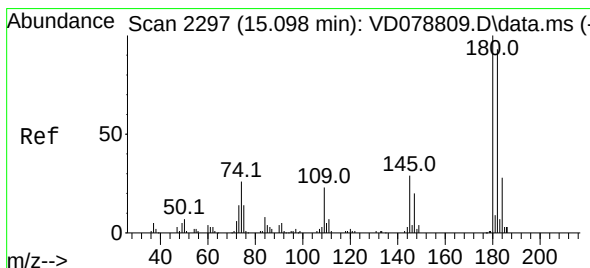
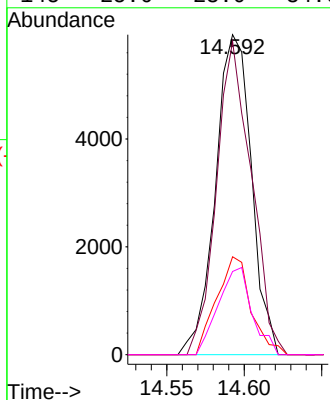
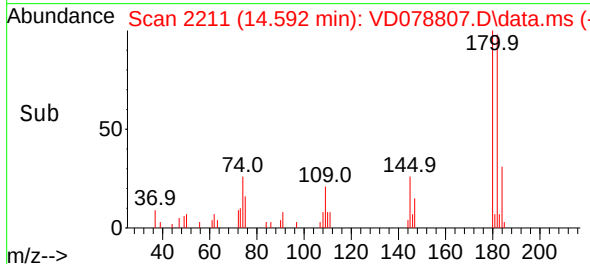


#69
1,3,5-Trichlorobenzene
Concen: 2.295 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. -0.000 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16

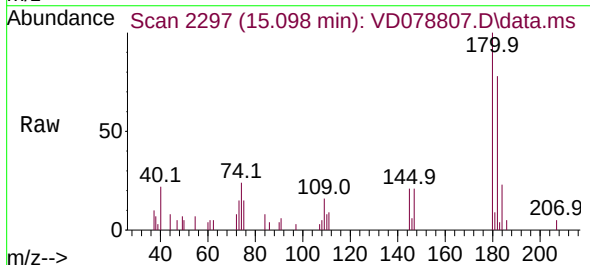
Instrument :
MSVOA_D
ClientSampleId :



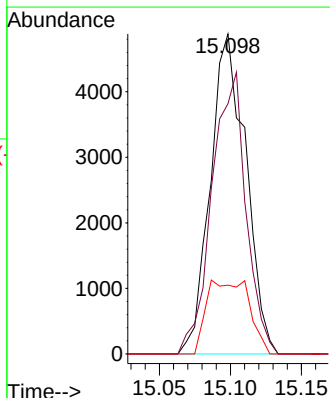
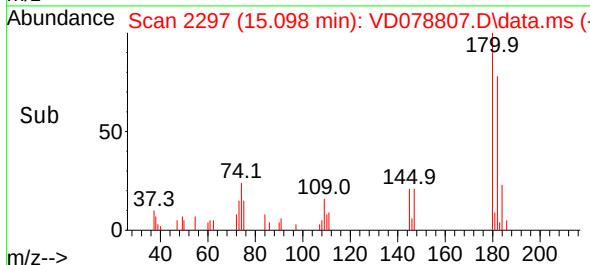
Tgt Ion:180 Resp: 9557
Ion Ratio Lower Upper
180 100
182 95.0 76.0 114.0
184 29.3 24.5 36.7
145 25.6 23.0 34.6

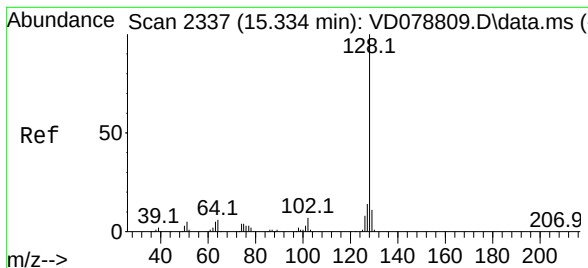


#70
1,2,4-trichlorobenzene
Concen: 2.412 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD078807.D
Acq: 11 Apr 2024 11:16



Tgt Ion:180 Resp: 8469
Ion Ratio Lower Upper
180 100
182 84.5 74.7 112.1
145 19.8 22.6 33.8#





#71

Naphthalene

Concen: 1.955 ug/L

RT: 15.334 min Scan# 2337

Delta R.T. -0.000 min

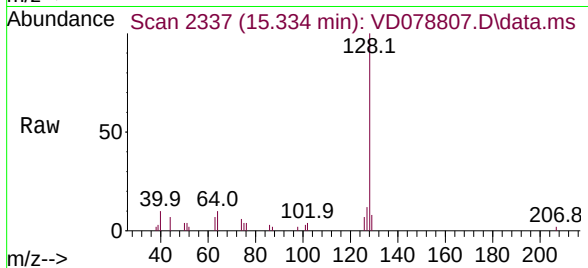
Lab File: VD078807.D

Acq: 11 Apr 2024 11:16

Instrument :

MSVOA_D

ClientSampleId :



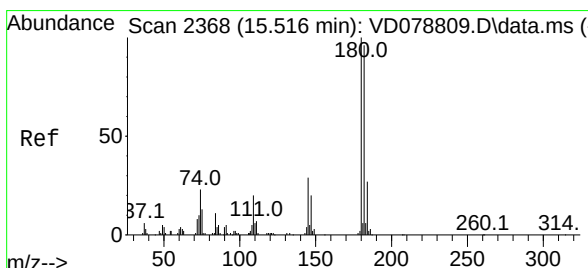
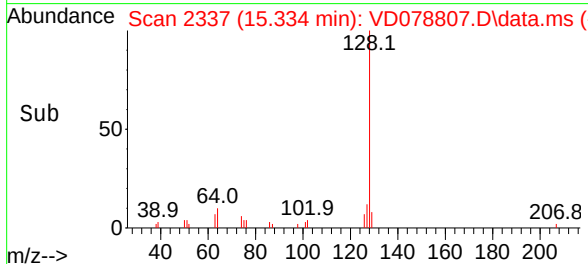
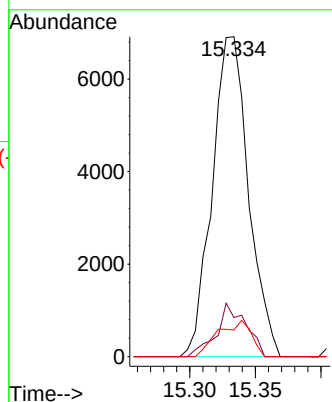
Tgt Ion:128 Resp: 13325

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 4.3 8.8 13.2#



#72

1,2,3-Trichlorobenzene

Concen: 2.115 ug/L

RT: 15.516 min Scan# 2368

Delta R.T. 0.000 min

Lab File: VD078807.D

Acq: 11 Apr 2024 11:16

Tgt Ion:180 Resp: 6800

Ion Ratio Lower Upper

180 100

182 106.0 78.1 117.1

145 35.8 24.4 36.6

