

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051724\
 Data File : VD078962.D
 Acq On : 17 May 2024 12:49
 Operator : RP/MD
 Sample : VSTD2.5
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 00:37:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 18 00:33:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	133965	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	138186	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	67659	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	9192	2.799	ug/L	0.00
7) Chloroethane-d5	2.799	69	9729	2.768	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.905	65	1608	2.544	ug/L	-0.01
21) 2-Butanone-d5	6.987	46	2687	5.781	ug/L	0.00
24) Chloroform-d	7.557	84	5559	1.394	ug/L	-0.01
26) 1,2-Dichloroethane-d4	8.234	65	5648	2.982	ug/L	0.00
32) Benzene-d6	8.198	84	19410	2.753	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.204	67	6489	3.020	ug/L	0.00
41) Toluene-d8	10.269	98	17943	2.761	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	2887	2.917	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	2326	5.402	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	7624	3.120	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	6479	2.821	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	8403	3.135	ug/L	97
3) Chloromethane	2.146	50	10608	3.225	ug/L	92
5) Vinyl chloride	2.287	62	15557	2.891	ug/L	100
6) Bromomethane	2.693	94	11925	3.099	ug/L	97
8) Chloroethane	2.834	64	11967	2.880	ug/L	88
9) Trichlorofluoromethane	3.175	101	11770	2.805	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	7058	2.680	ug/L #	44
12) 1,1-Dichloroethene	3.940	96	6345	2.739	ug/L #	74
13) Acetone	4.022	43	1792	3.120	ug/L	78
14) Carbon disulfide	4.269	76	21026	3.132	ug/L #	95
15) Methyl Acetate	4.563	43	2372	2.503	ug/L #	79
17) trans-1,2-Dichloroethene	5.293	96	2021	0.857	ug/L #	60
18) Methyl tert-butyl Ether	5.304	73	5208	1.036	ug/L #	80
19) 1,1-Dichloroethane	6.116	63	10260	2.590	ug/L	91
20) cis-1,2-Dichloroethene	7.087	96	6563	2.440	ug/L	85
22) 2-Butanone	7.075	43	3327	5.153	ug/L	72
23) Bromochloromethane	7.434	128	2984	2.220	ug/L #	82
25) Chloroform	7.593	83	13241	2.781	ug/L	95
27) 1,2-Dichloroethane	8.328	62	7608	2.759	ug/L #	93
29) Cyclohexane	7.881	56	6916	2.604	ug/L #	55
30) 1,1,1-Trichloroethane	7.793	97	10722	2.804	ug/L	98
31) Carbon tetrachloride	7.993	117	9837	2.794	ug/L	99
33) Benzene	8.245	78	23550	2.486	ug/L	100
34) Trichloroethene	9.028	95	6547	2.683	ug/L	97
35) Methylcyclohexane	9.269	83	9362	2.552	ug/L	99
37) 1,2-Dichloropropane	9.304	63	6086	2.535	ug/L #	92
38) Bromodichloromethane	9.581	83	8610	2.536	ug/L #	89
39) cis-1,3-Dichloropropene	10.016	75	8991	2.388	ug/L	93
40) 4-Methyl-2-pentanone	10.157	43	6248	5.153	ug/L	92
42) Toluene	10.334	91	24309	2.334	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	7813	2.347	ug/L	89
45) 1,1,2-Trichloroethane	10.728	97	5452	2.484	ug/L #	84

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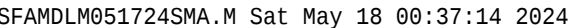
Instrument :
 MSVOA_D
 ClientSampleId :

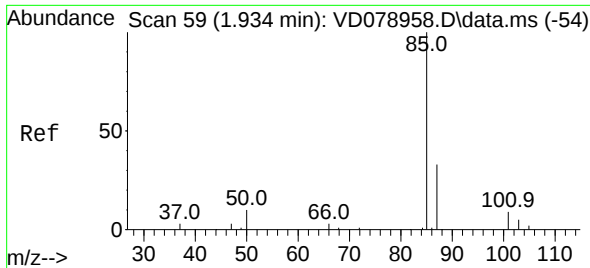
Quant Time: May 18 00:37:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 18 00:33:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.810	164	6060	2.886	ug/L	96
48) 2-Hexanone	10.922	43	4718	5.019	ug/L #	82
49) Dibromochloromethane	11.075	129	7259	2.720	ug/L	84
50) 1,2-Dibromoethane	11.181	107	5311	2.561	ug/L #	99
51) Chlorobenzene	11.604	112	19310	2.625	ug/L	93
52) Ethylbenzene	11.681	91	26176	2.329	ug/L	91
53) m,p-Xylene	11.798	106	10253	2.280	ug/L	73
54) o-Xylene	12.116	106	9768	2.230	ug/L	89
55) Styrene	12.134	104	15196	1.964	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.675	83	6801	2.555	ug/L #	93
59) Bromoform	12.298	173	4478	2.924	ug/L #	85
60) Isopropylbenzene	12.422	105	22963	2.296	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	4618	2.978	ug/L	93
62) 1,3,5-Trimethylbenzene	12.904	105	15419	2.085	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	16198	2.156	ug/L	96
64) 1,3-Dichlorobenzene	13.457	146	12512	2.576	ug/L	88
65) 1,4-Dichlorobenzene	13.539	146	14098	2.692	ug/L	95
67) 1,2-Dichlorobenzene	13.828	146	12241	2.662	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.598	75	1411	4.368	ug/L #	1
69) 1,3,5-Trichlorobenzene	14.592	180	8232	2.609	ug/L	96
70) 1,2,4-trichlorobenzene	15.104	180	7289	2.729	ug/L	99
71) Naphthalene	15.327	128	13556	2.488	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	6790	2.720	ug/L	98

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

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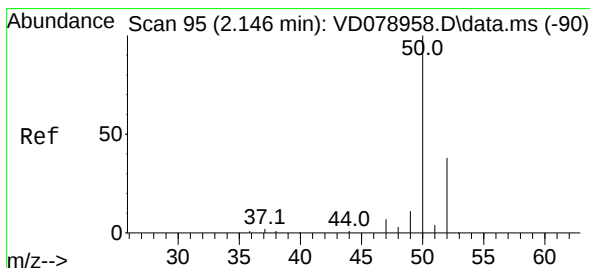
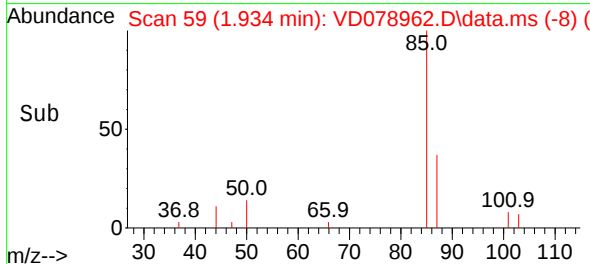
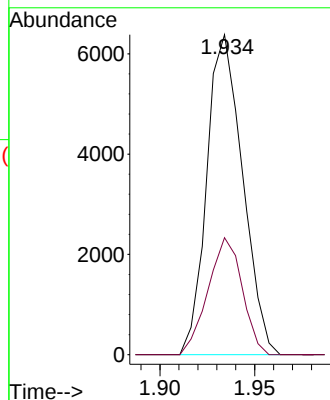
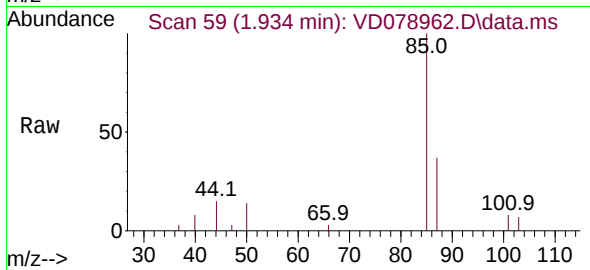




#2
Dichlorodifluoromethane
Concen: 3.135 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

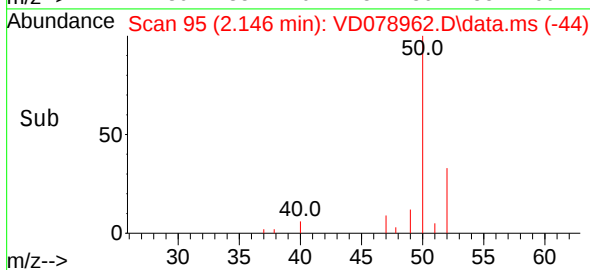
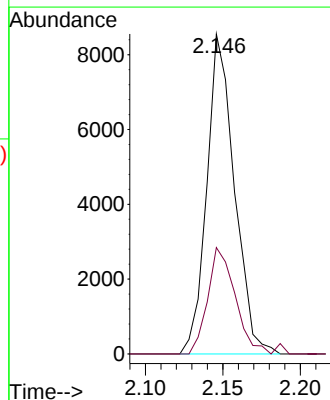
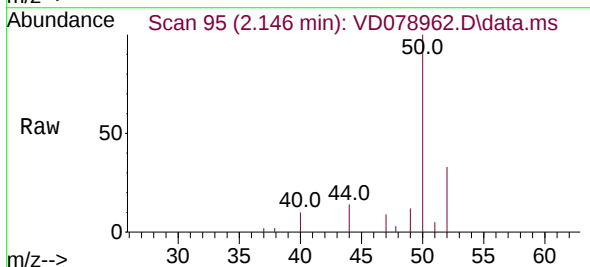
Instrument :
MSVOA_D
ClientSampleId :

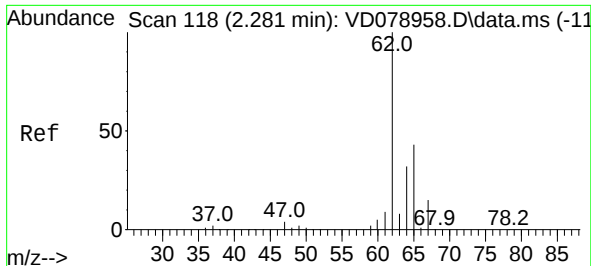
Tgt Ion: 85 Resp: 8403
Ion Ratio Lower Upper
85 100
87 34.9 26.3 39.5



#3
Chloromethane
Concen: 3.225 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

Tgt Ion: 50 Resp: 10608
Ion Ratio Lower Upper
50 100
52 33.2 26.5 49.3

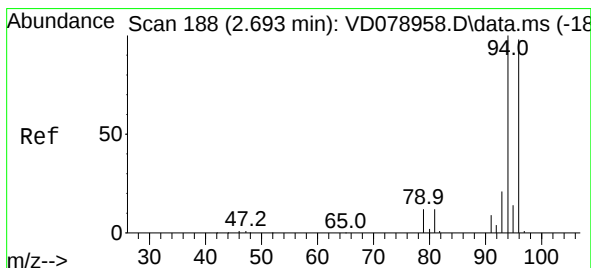
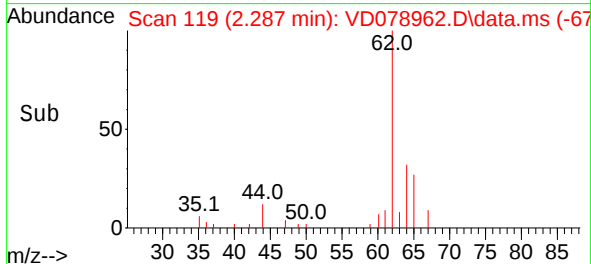
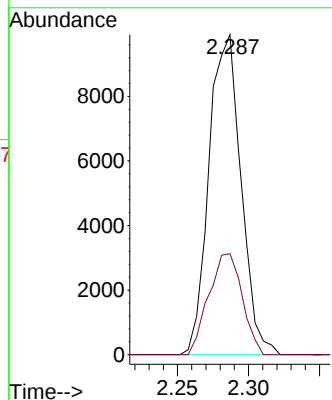
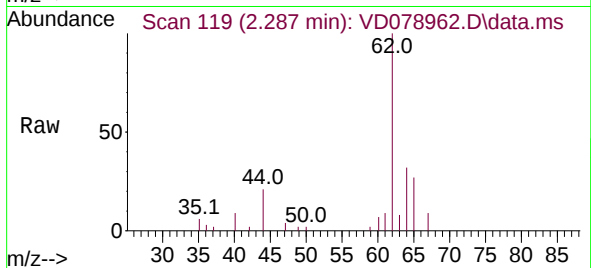




#5
Vinyl chloride
Concen: 2.891 ug/L
RT: 2.287 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

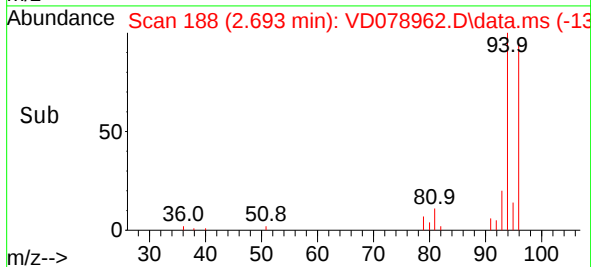
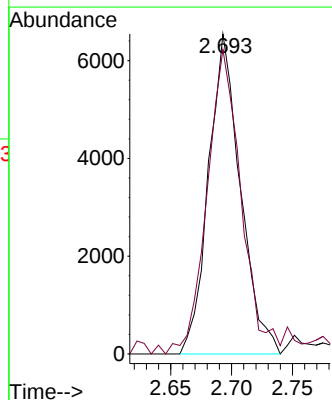
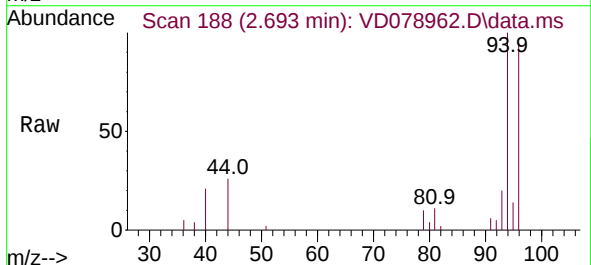
Instrument :
MSVOA_D
ClientSampleId :

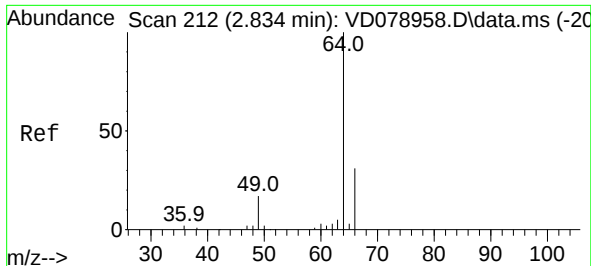
Tgt Ion: 62 Resp: 15557
Ion Ratio Lower Upper
62 100
64 31.5 22.3 41.3



#6
Bromomethane
Concen: 3.099 ug/L
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

Tgt Ion: 94 Resp: 11925
Ion Ratio Lower Upper
94 100
96 95.2 69.0 128.1

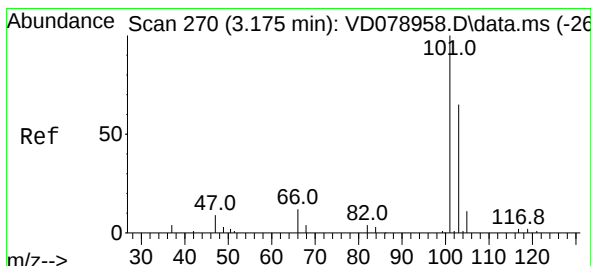
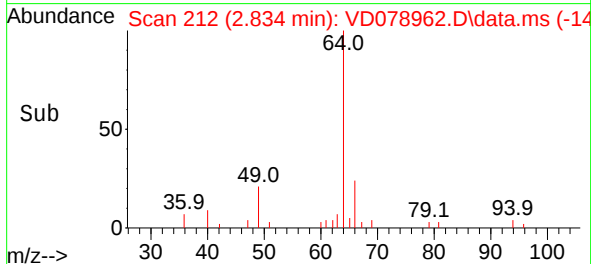
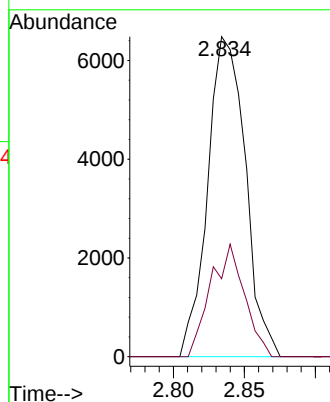
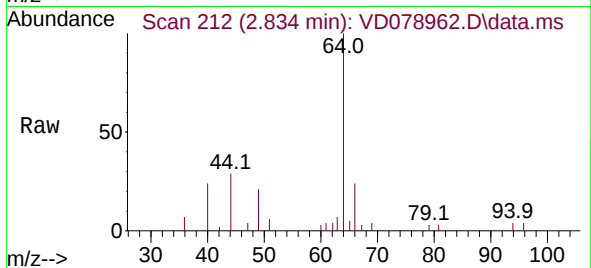




#8
Chloroethane
Concen: 2.880 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

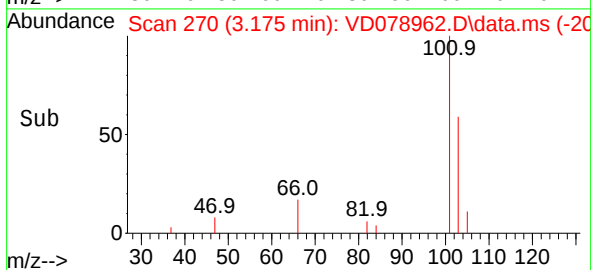
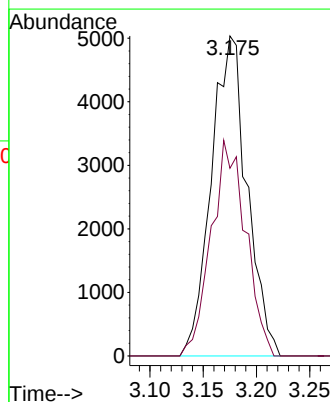
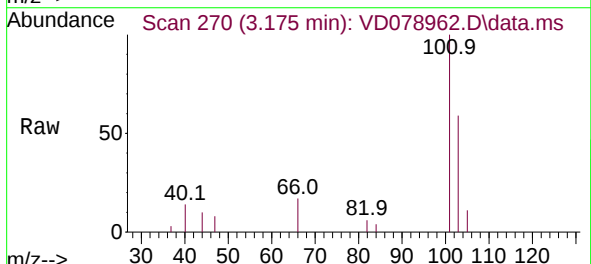
Instrument :
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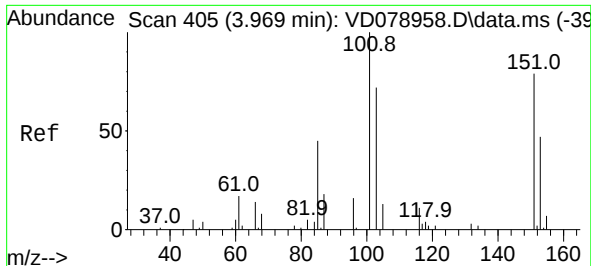
Tgt Ion: 64 Resp: 11967
Ion Ratio Lower Upper
64 100
66 24.4 21.5 39.9



#9
Trichlorofluoromethane
Concen: 2.805 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

Tgt Ion:101 Resp: 11770
Ion Ratio Lower Upper
101 100
103 65.0 51.9 77.9





#10

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

Concen: 2.680 ug/L

RT: 3.963 min Scan# 405

Delta R.T. -0.006 min

Lab File: VD078962.D

Acq: 17 May 2024 12:49

Instrument :

MSVOA_D

ClientSampleId :

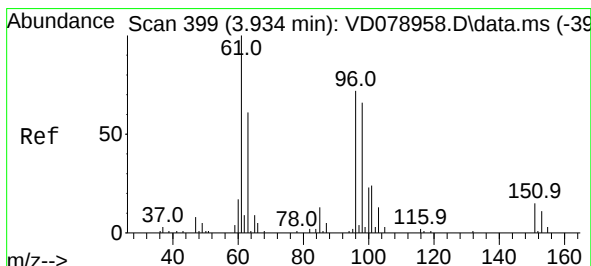
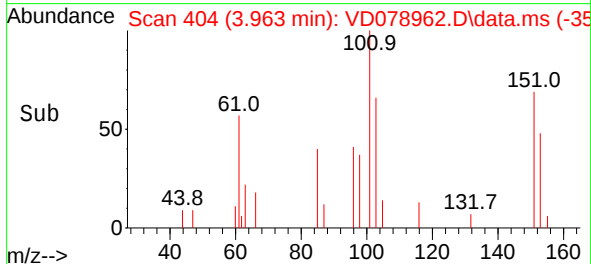
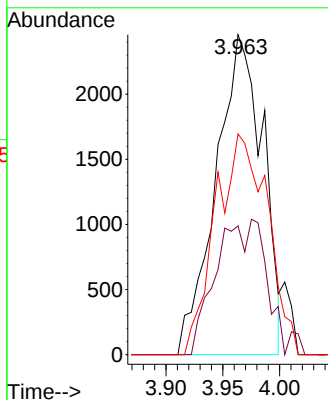
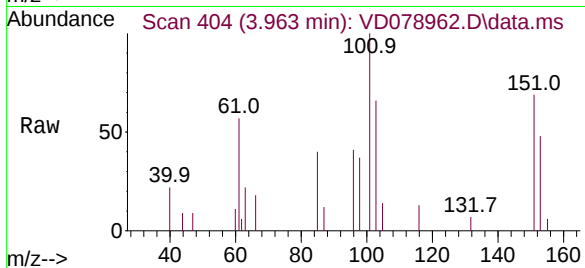
Tgt Ion:101 Resp: 7058

Ion Ratio Lower Upper

101 100

85 27.8 36.2 54.2#

151 14.6 62.9 94.3#



#12

1,1-Dichloroethene

Concen: 2.739 ug/L

RT: 3.940 min Scan# 400

Delta R.T. 0.006 min

Lab File: VD078962.D

Acq: 17 May 2024 12:49

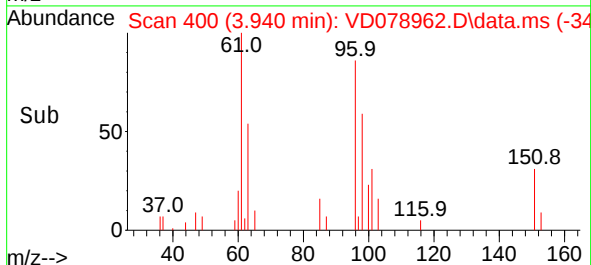
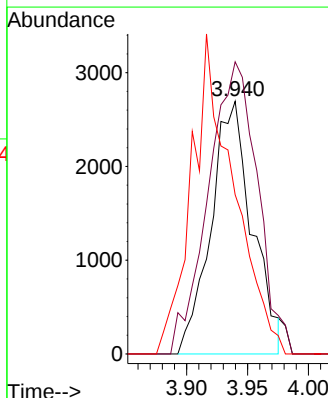
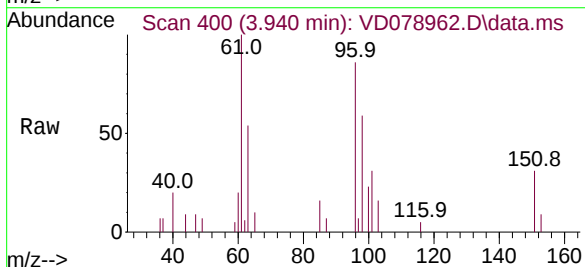
Tgt Ion: 96 Resp: 6345

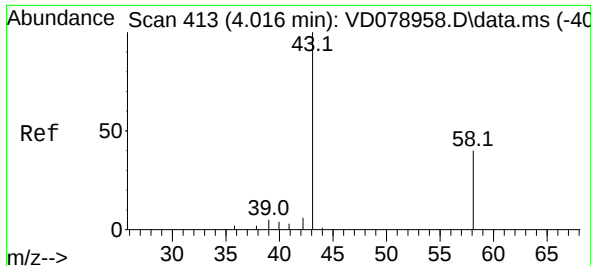
Ion Ratio Lower Upper

96 100

61 115.6 98.6 183.0

63 63.0 68.3 126.8#





#13

Acetone

Concen: 3.120 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD078962.D

Acq: 17 May 2024 12:49

Instrument :

MSVOA_D

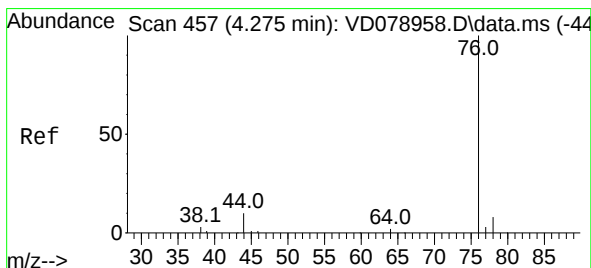
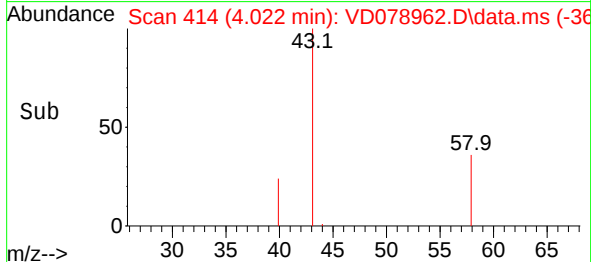
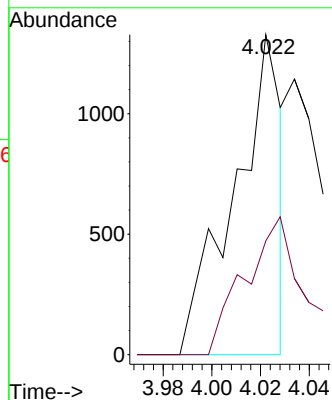
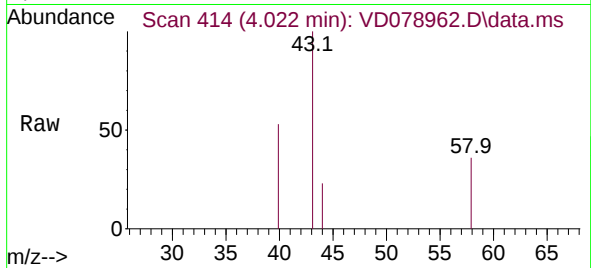
ClientSampleId :

Tgt Ion: 43 Resp: 1792

Ion Ratio Lower Upper

43 100

58 50.7 0.0 75.0



#14

Carbon disulfide

Concen: 3.132 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD078962.D

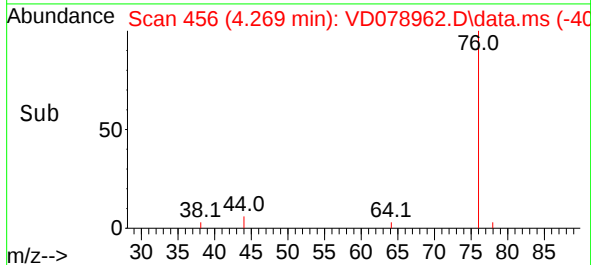
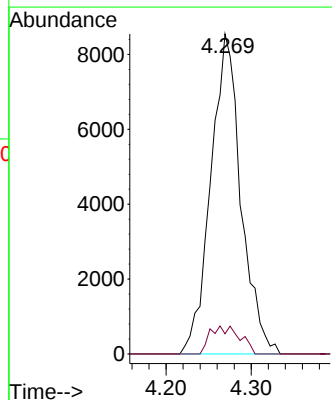
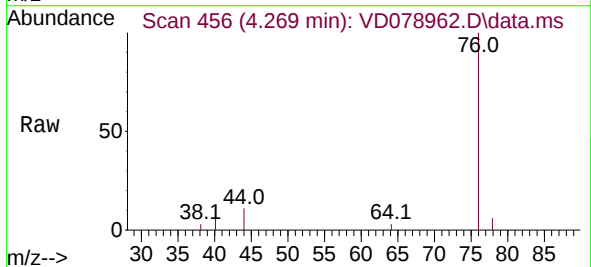
Acq: 17 May 2024 12:49

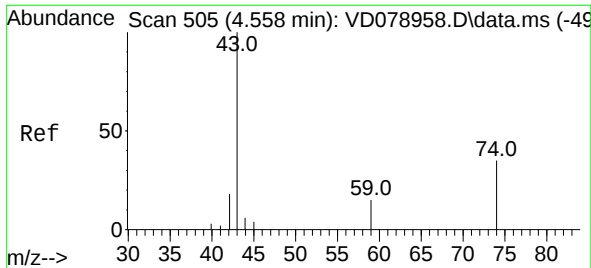
Tgt Ion: 76 Resp: 21026

Ion Ratio Lower Upper

76 100

78 6.3 6.5 9.7#





#15

Methyl Acetate

Concen: 2.503 ug/L

RT: 4.563 min Scan# 505

Delta R.T. 0.006 min

Lab File: VD078962.D

Acq: 17 May 2024 12:49

Instrument :

MSVOA_D

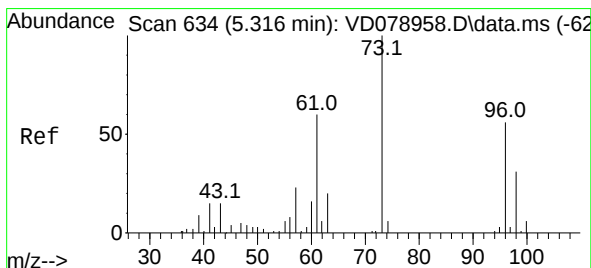
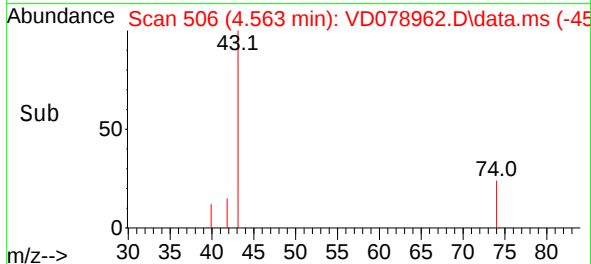
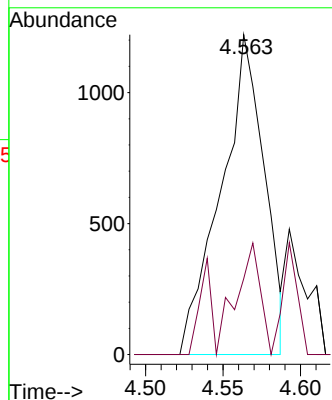
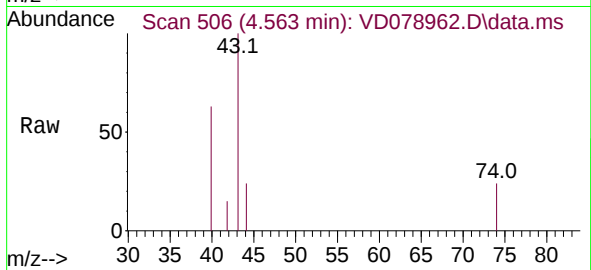
ClientSampleId :

Tgt Ion: 43 Resp: 2372

Ion Ratio Lower Upper

43 100

74 19.6 25.1 37.7#



#17

trans-1,2-Dichloroethene

Concen: 0.857 ug/L

RT: 5.293 min Scan# 630

Delta R.T. -0.024 min

Lab File: VD078962.D

Acq: 17 May 2024 12:49

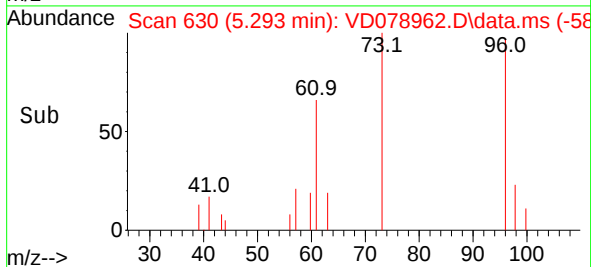
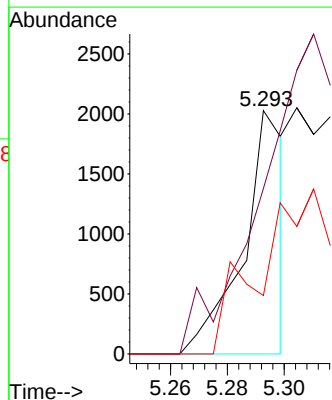
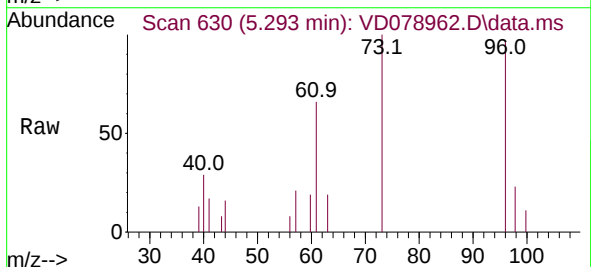
Tgt Ion: 96 Resp: 2021

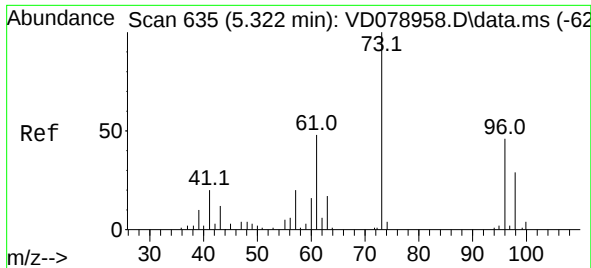
Ion Ratio Lower Upper

96 100

61 68.0 75.5 140.1#

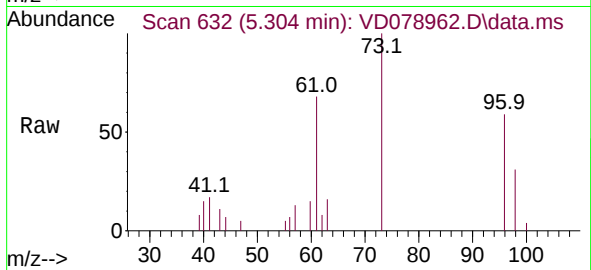
98 24.0 39.1 72.7#



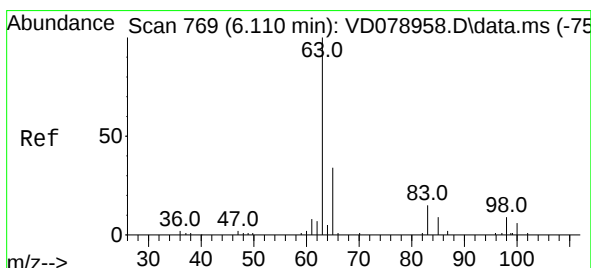
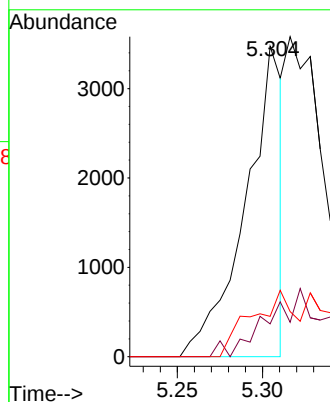
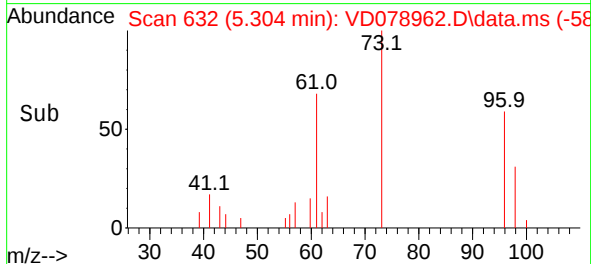


#18
Methyl tert-butyl Ether
Concen: 1.036 ug/L
RT: 5.304 min Scan# 61
Delta R.T. -0.018 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

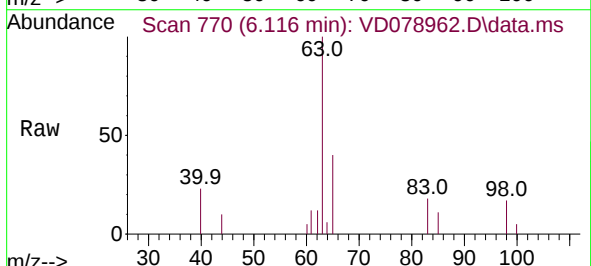
Instrument :
MSVOA_D
ClientSampleId :



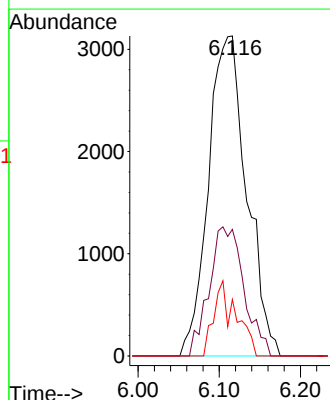
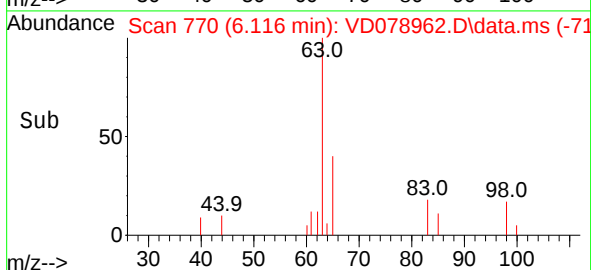
Tgt Ion: 73 Resp: 5208
Ion Ratio Lower Upper
73 100
43 14.8 6.7 10.1#
57 11.2 16.8 25.2#

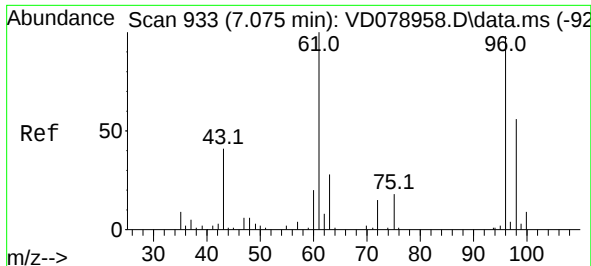


#19
1,1-Dichloroethane
Concen: 2.590 ug/L
RT: 6.116 min Scan# 770
Delta R.T. 0.006 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49



Tgt Ion: 63 Resp: 10260
Ion Ratio Lower Upper
63 100
65 39.6 23.5 43.7
83 17.6 10.4 19.2





#20

cis-1,2-Dichloroethene

Concen: 2.440 ug/L

RT: 7.087 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD078962.D

Acq: 17 May 2024 12:49

Instrument :

MSVOA_D

ClientSampleId :

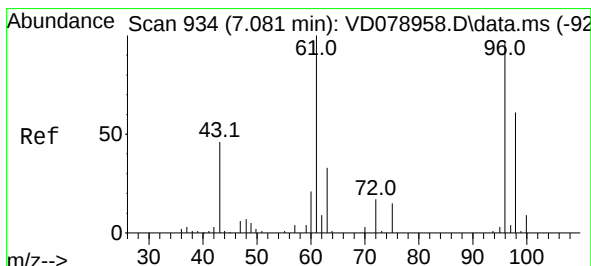
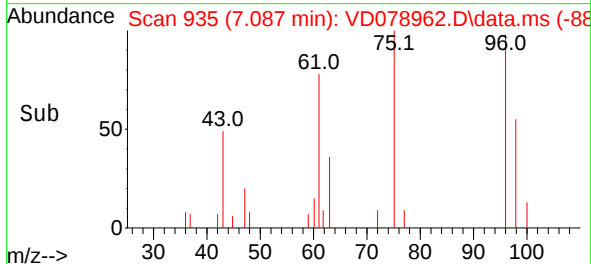
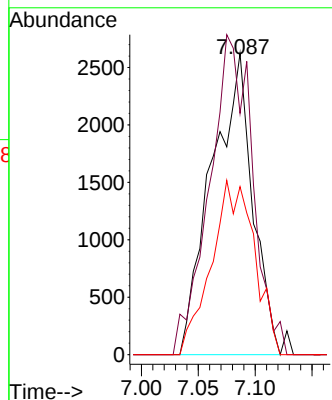
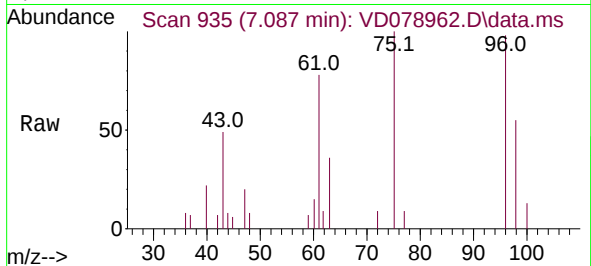
Tgt Ion: 96 Resp: 6563

Ion Ratio Lower Upper

96 100

61 80.0 71.6 133.0

98 55.8 40.1 74.5



#22

2-Butanone

Concen: 5.153 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD078962.D

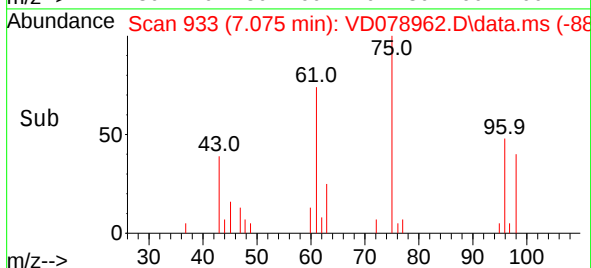
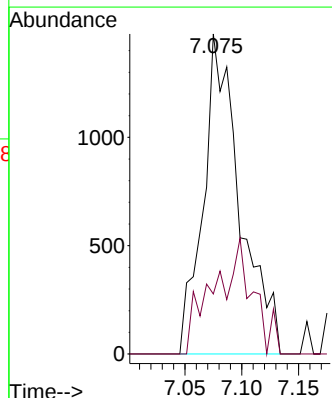
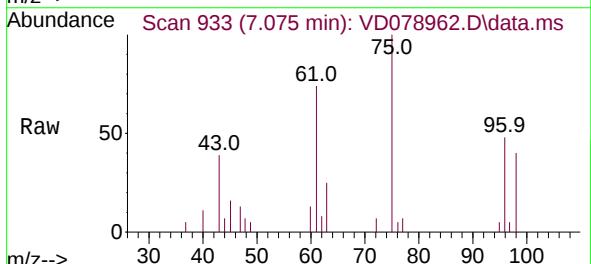
Acq: 17 May 2024 12:49

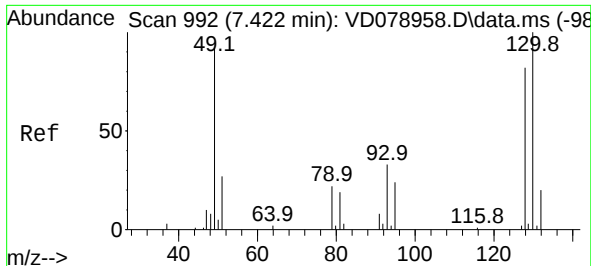
Tgt Ion: 43 Resp: 3327

Ion Ratio Lower Upper

43 100

72 18.0 17.1 51.2





#23

Bromochloromethane

Concen: 2.220 ug/L

RT: 7.434 min Scan# 994

Delta R.T. 0.012 min

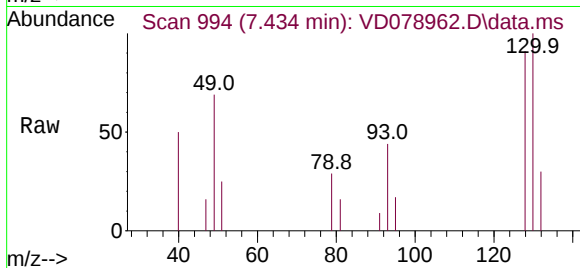
Lab File: VD078962.D

Acq: 17 May 2024 12:49

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:128 Resp: 2984

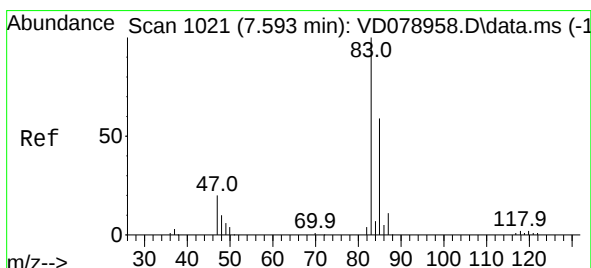
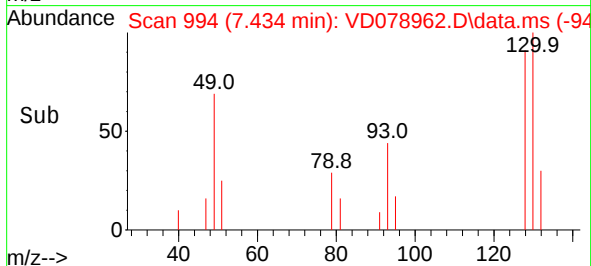
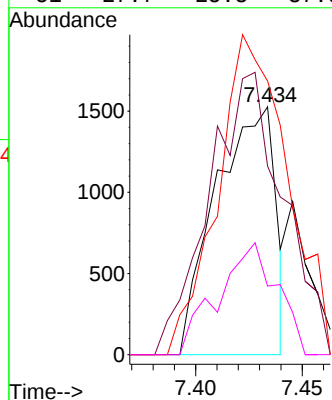
Ion Ratio Lower Upper

128 100

49 76.1 77.3 143.5#

130 110.4 83.4 154.8

51 27.7 25.3 37.9



#25

Chloroform

Concen: 2.781 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD078962.D

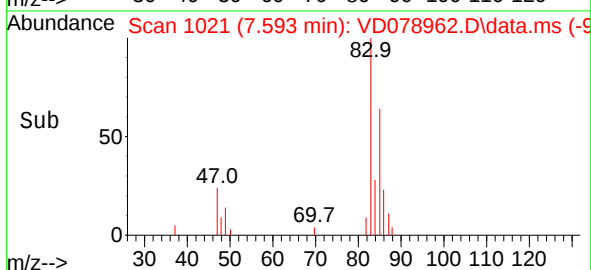
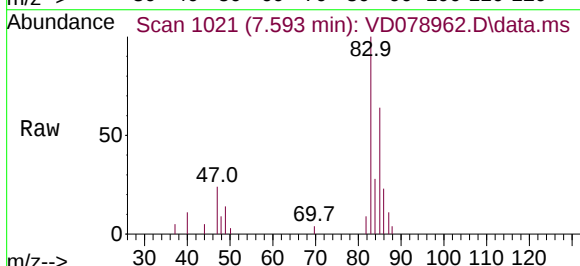
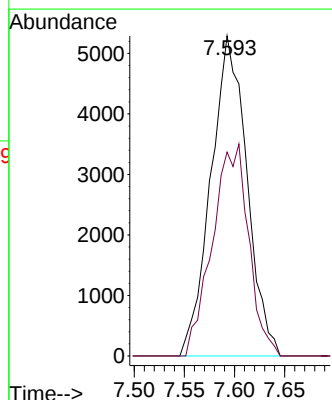
Acq: 17 May 2024 12:49

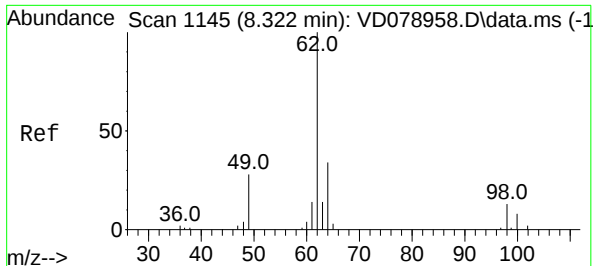
Tgt Ion: 83 Resp: 13241

Ion Ratio Lower Upper

83 100

85 63.7 41.8 77.6

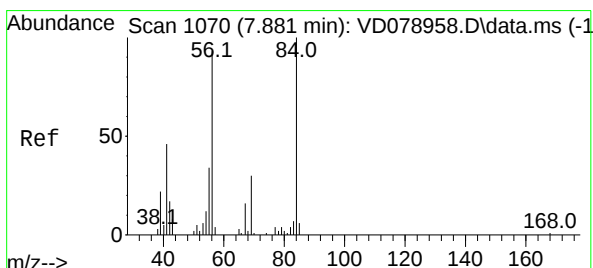
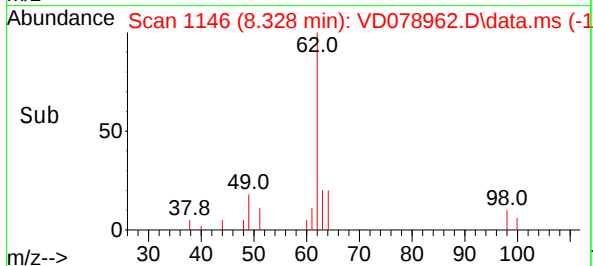
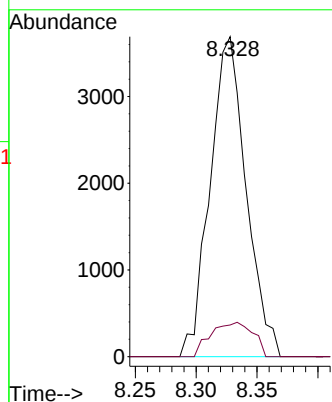
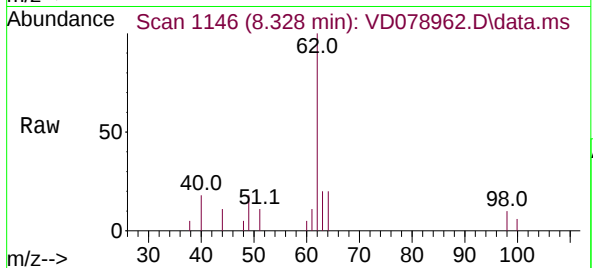




#27
1,2-Dichloroethane
Concen: 2.759 ug/L
RT: 8.328 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

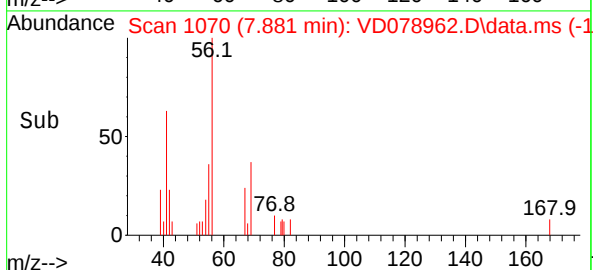
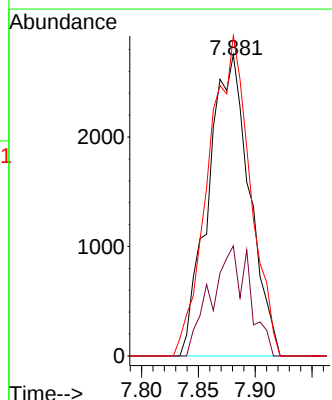
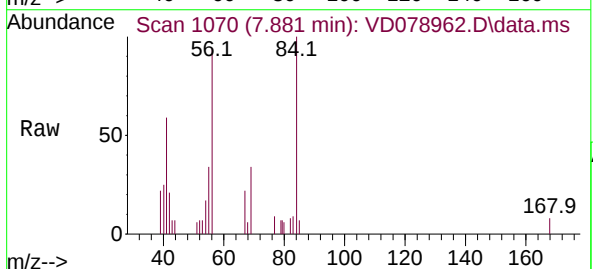
Instrument :
MSVOA_D
ClientSampleId :

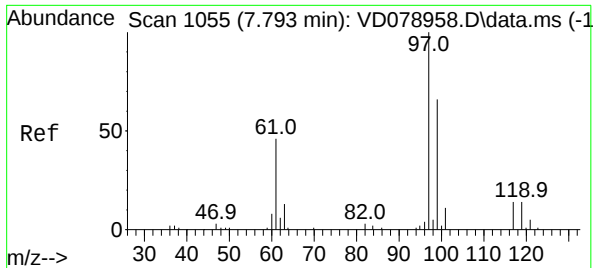
Tgt Ion: 62 Resp: 7608
Ion Ratio Lower Upper
62 100
98 9.9 10.2 15.4#



#29
Cyclohexane
Concen: 2.604 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

Tgt Ion: 56 Resp: 6916
Ion Ratio Lower Upper
56 100
69 16.3 25.2 37.8#
84 52.7 83.4 125.2#

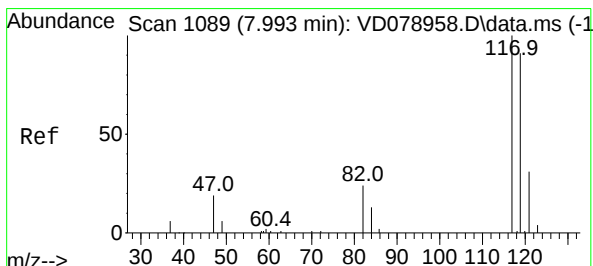
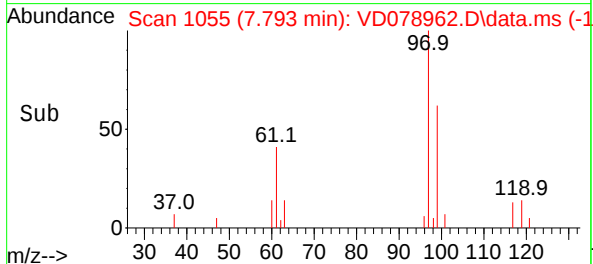
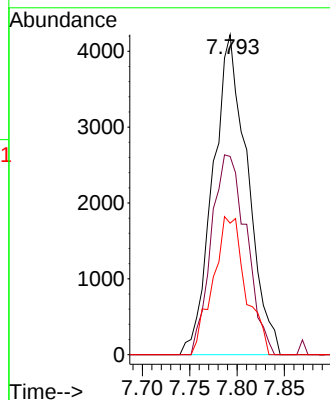
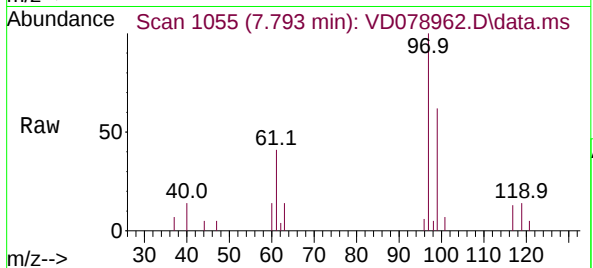




#30
1,1,1-Trichloroethane
Concen: 2.804 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

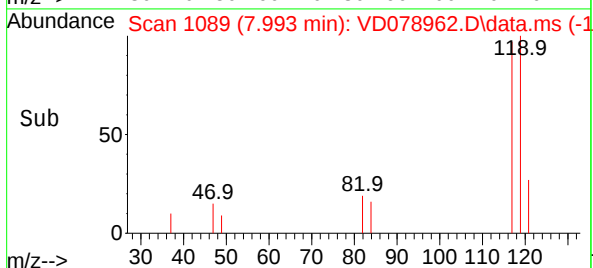
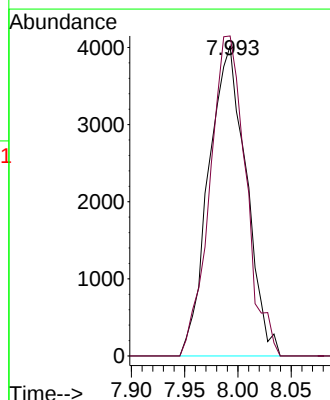
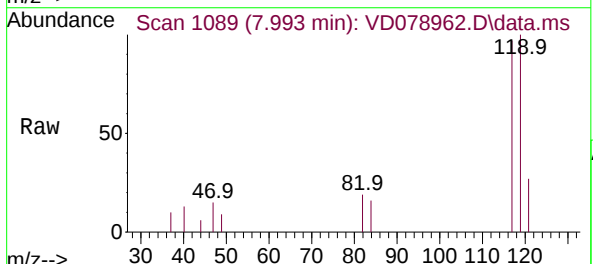
Instrument :
MSVOA_D
ClientSampleId :

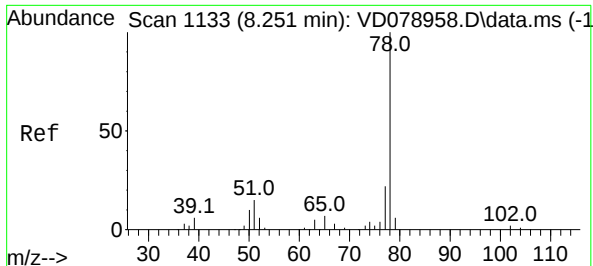
Tgt Ion: 97 Resp: 10722
Ion Ratio Lower Upper
97 100
99 63.5 52.6 78.8
61 40.6 32.6 48.8



#31
Carbon tetrachloride
Concen: 2.794 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

Tgt Ion: 117 Resp: 9837
Ion Ratio Lower Upper
117 100
119 96.4 77.7 116.5

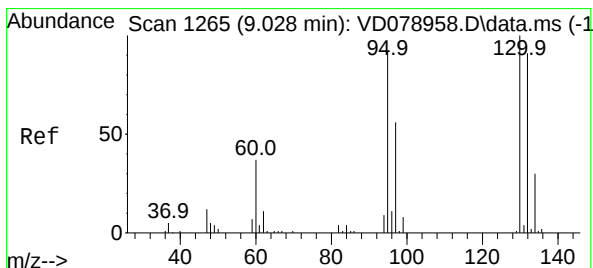
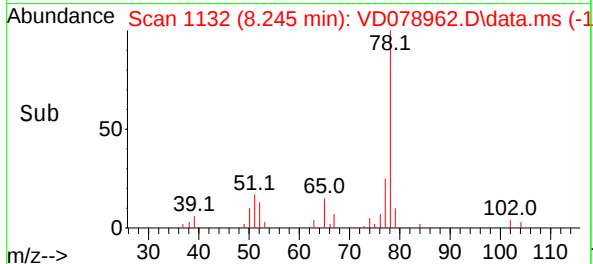
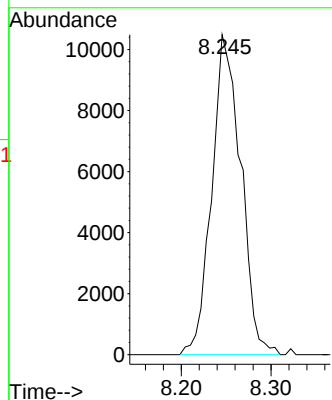
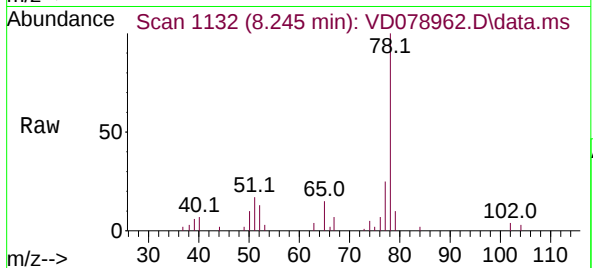




#33
Benzene
Concen: 2.486 ug/L
RT: 8.245 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

Instrument :
MSVOA_D
ClientSampleId :

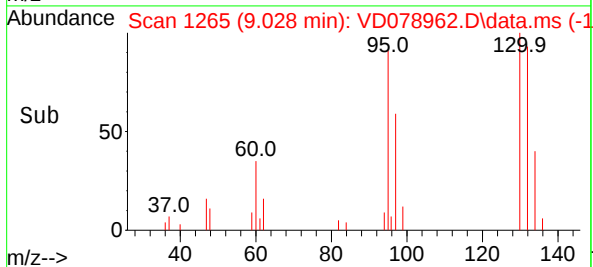
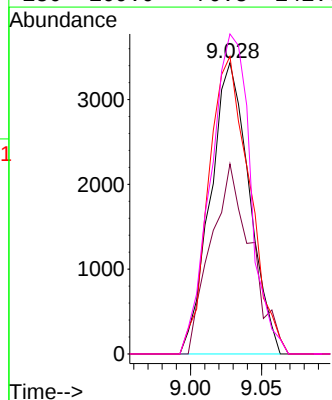
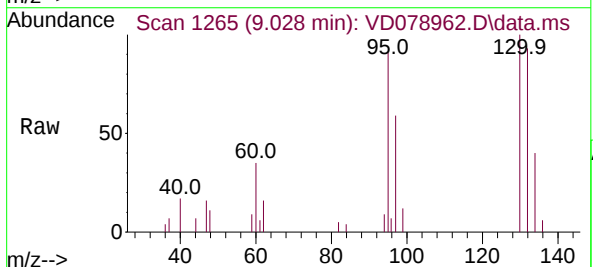
Tgt Ion: 78 Resp: 23550

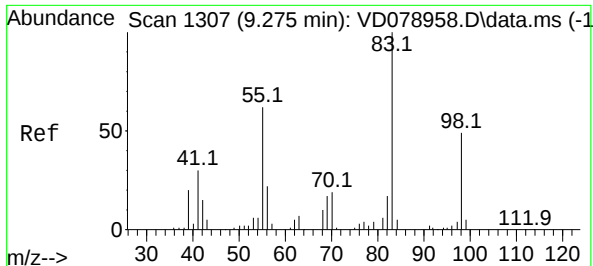


#34
Trichloroethene
Concen: 2.683 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

Tgt Ion: 95 Resp: 6547

Ion	Ratio	Lower	Upper
95	100		
97	65.3	42.6	79.2
132	102.2	69.5	129.1
130	109.9	76.3	141.7

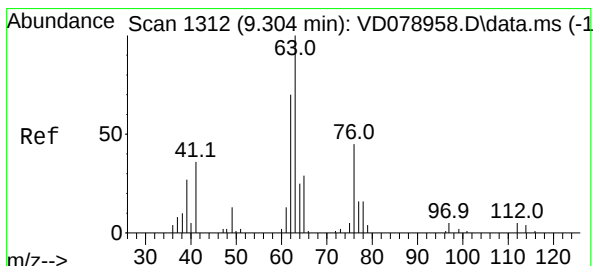
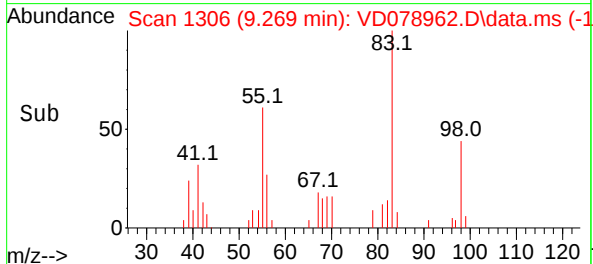
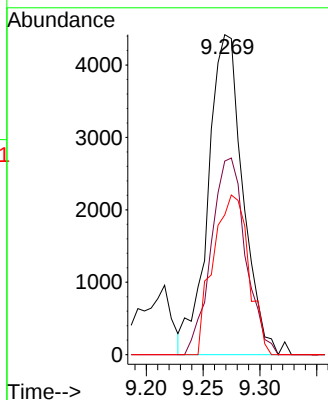
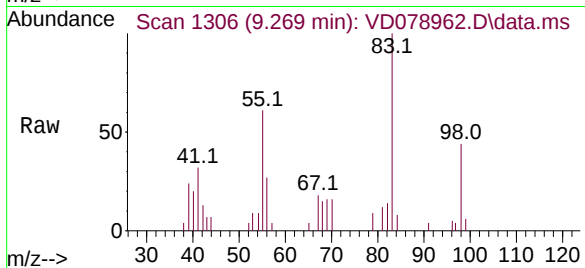




#35
Methylcyclohexane
Concen: 2.552 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

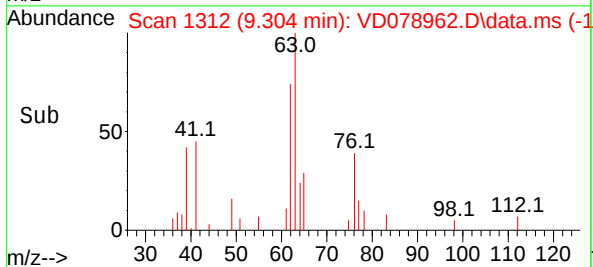
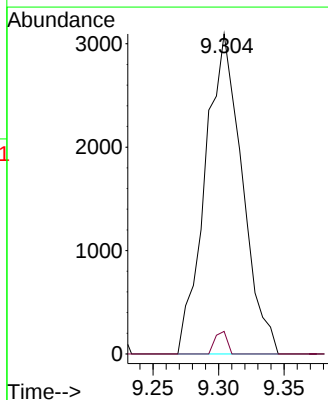
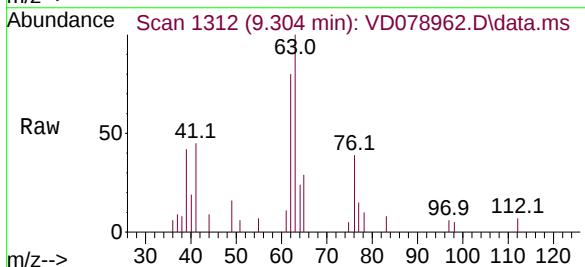
Instrument :
MSVOA_D
ClientSampleId :

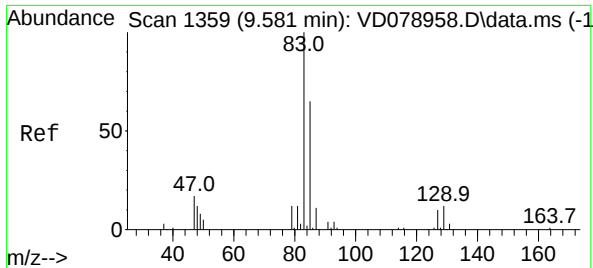
Tgt Ion: 83 Resp: 9362
Ion Ratio Lower Upper
83 100
55 61.2 49.0 73.6
98 51.2 40.1 60.1



#37
1,2-Dichloropropane
Concen: 2.535 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

Tgt Ion: 63 Resp: 6086
Ion Ratio Lower Upper
63 100
112 2.3 4.1 6.1#

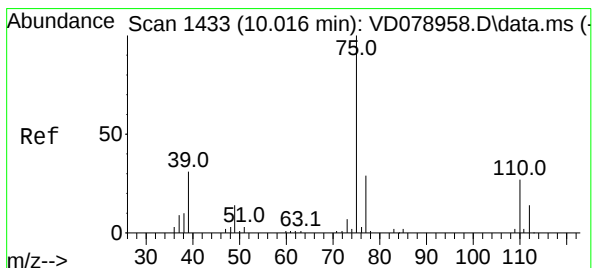
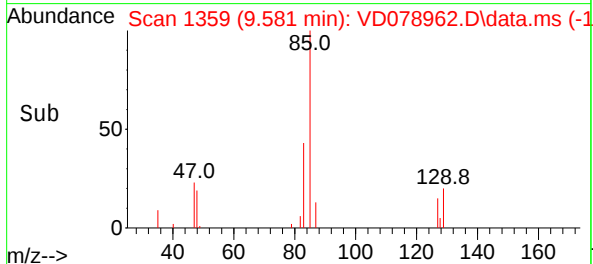
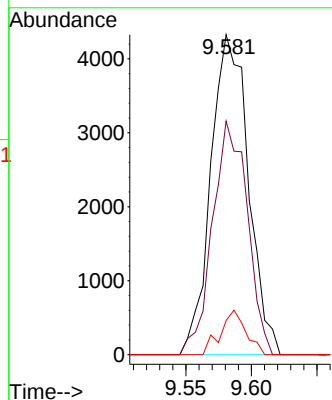
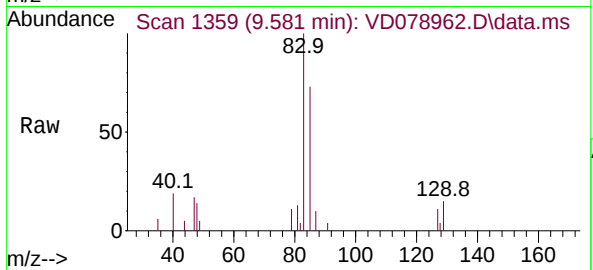




#38
Bromodichloromethane
Concen: 2.536 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

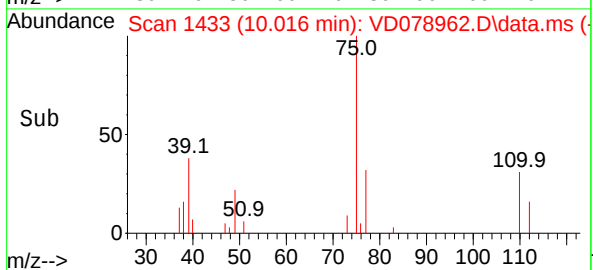
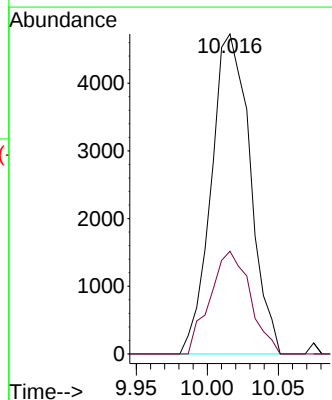
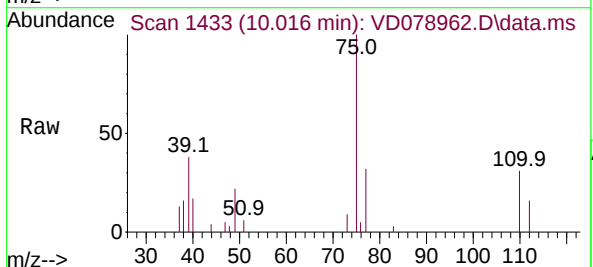
Instrument :
MSVOA_D
ClientSampleId :

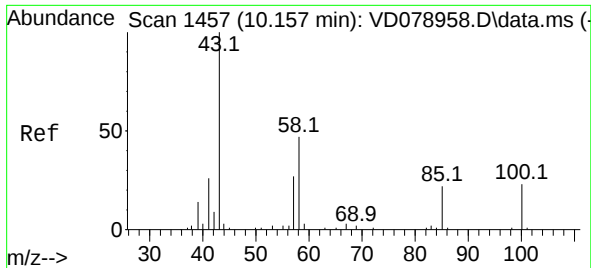
Tgt Ion: 83 Resp: 8610
Ion Ratio Lower Upper
83 100
85 73.0 45.4 84.4
127 14.2 7.6 11.4#



#39
cis-1,3-Dichloropropene
Concen: 2.388 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

Tgt Ion: 75 Resp: 8991
Ion Ratio Lower Upper
75 100
77 32.1 20.0 37.2





#40

4-Methyl-2-pentanone

Concen: 5.153 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD078962.D

Acq: 17 May 2024 12:49

Instrument :

MSVOA_D

ClientSampleId :

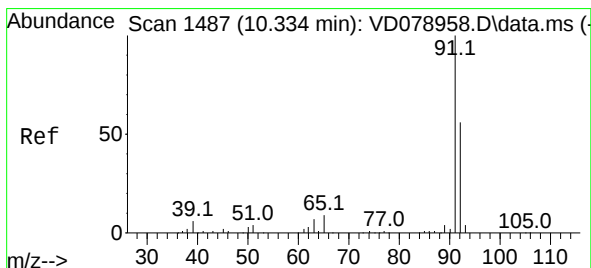
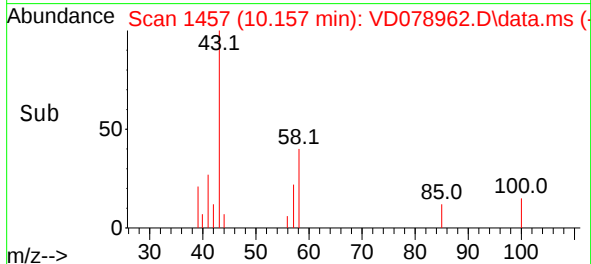
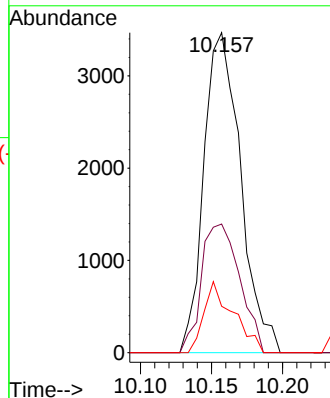
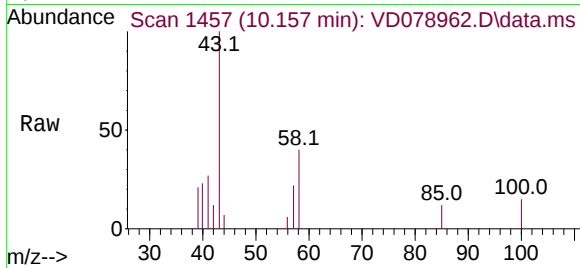
Tgt Ion: 43 Resp: 6248

Ion Ratio Lower Upper

43 100

58 41.9 38.0 57.0

100 17.7 17.3 25.9



#42

Toluene

Concen: 2.334 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078962.D

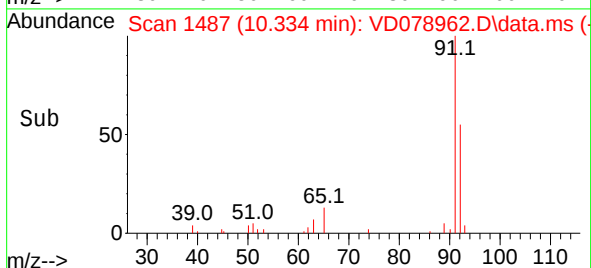
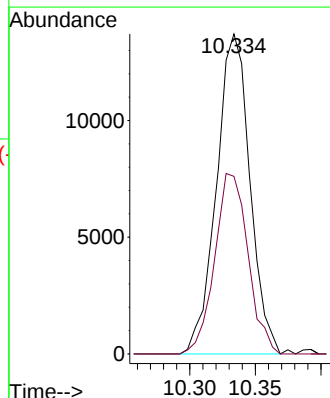
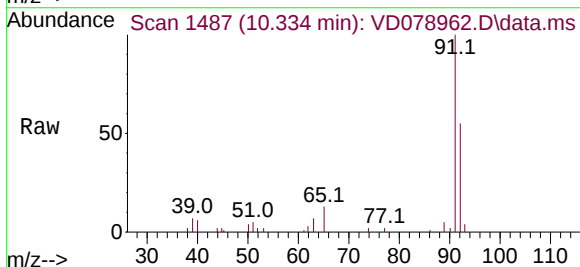
Acq: 17 May 2024 12:49

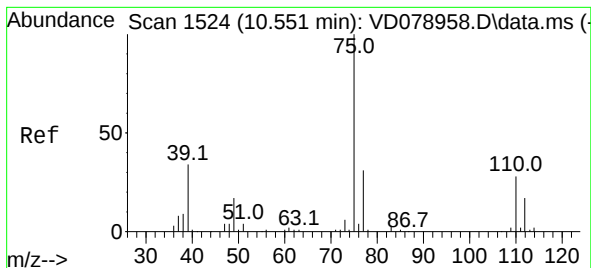
Tgt Ion: 91 Resp: 24309

Ion Ratio Lower Upper

91 100

92 55.5 39.5 73.4

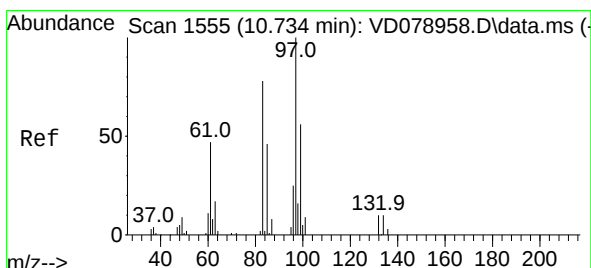
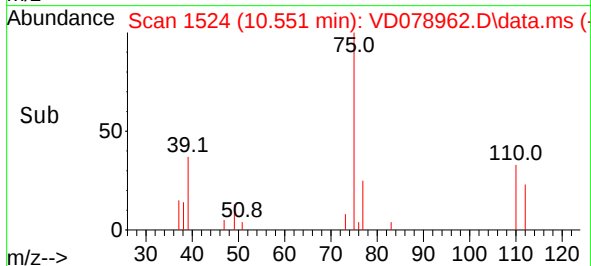
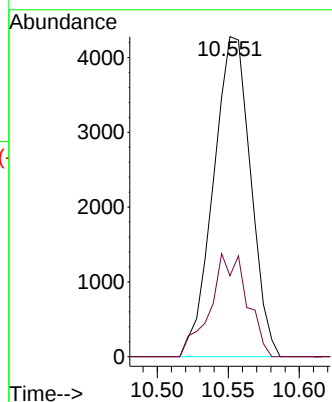
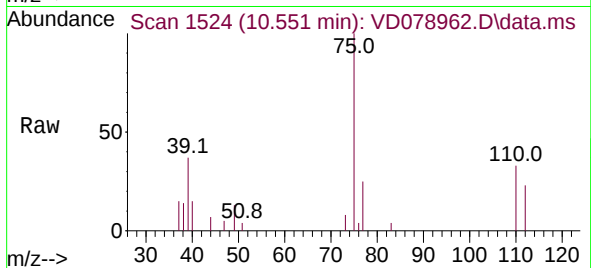




#44
trans-1,3-Dichloropropene
Concen: 2.347 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

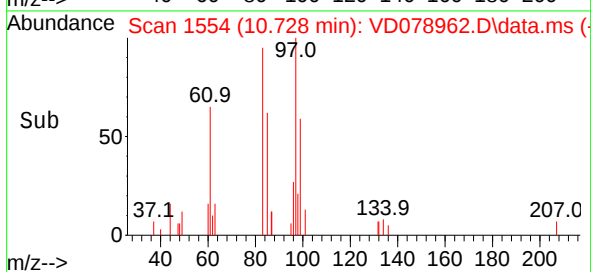
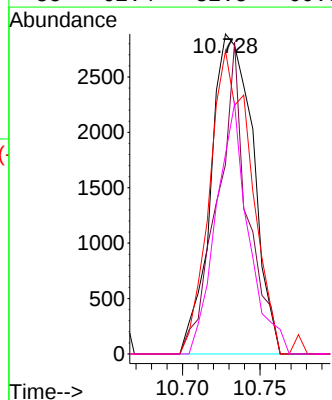
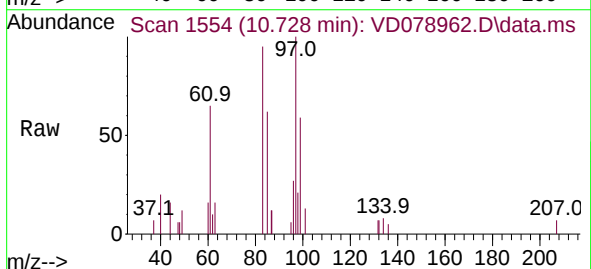
Instrument :
MSVOA_D
ClientSampleId :

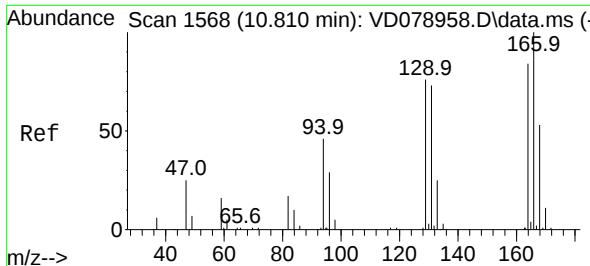
Tgt Ion: 75 Resp: 7813
Ion Ratio Lower Upper
75 100
77 25.3 21.8 40.4



#45
1,1,2-Trichloroethane
Concen: 2.484 ug/L
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

Tgt Ion: 97 Resp: 5452
Ion Ratio Lower Upper
97 100
99 59.2 39.1 72.7
83 94.8 54.6 101.4
85 62.4 32.5 60.3#





#46

Tetrachloroethene

Concen: 2.886 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

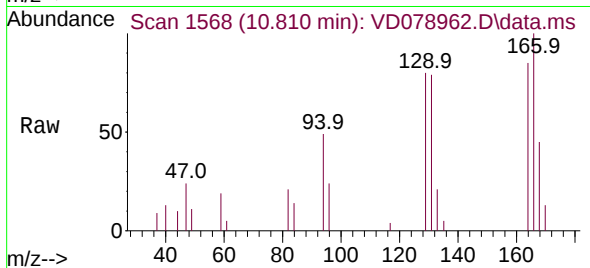
Lab File: VD078962.D

Acq: 17 May 2024 12:49

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:164 Resp: 6060

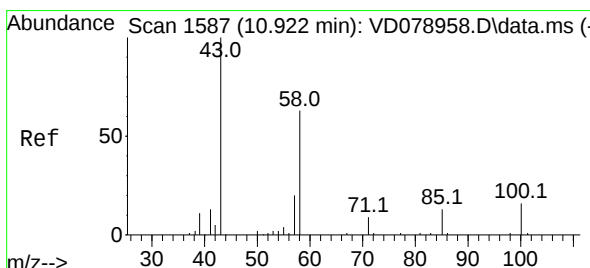
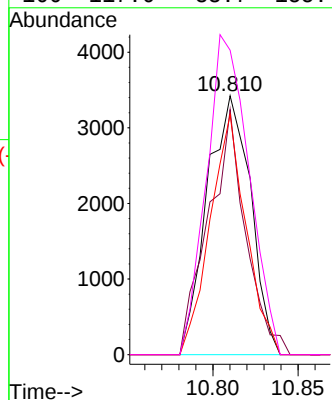
Ion Ratio Lower Upper

164 100

129 94.7 63.3 117.7

131 92.8 60.8 112.8

166 117.6 83.7 155.4



#48

2-Hexanone

Concen: 5.019 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

Lab File: VD078962.D

Acq: 17 May 2024 12:49

Tgt Ion: 43 Resp: 4718

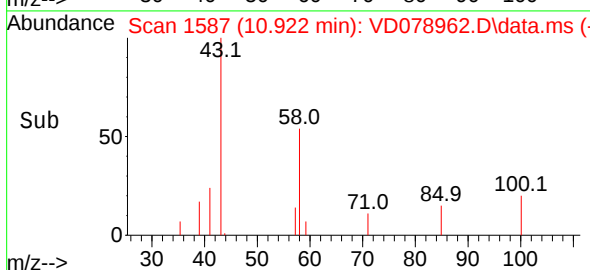
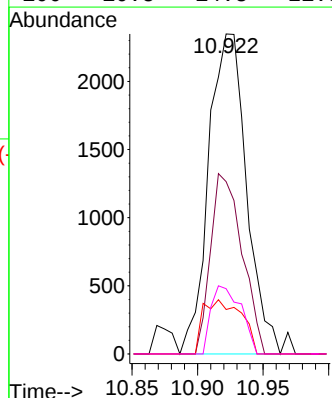
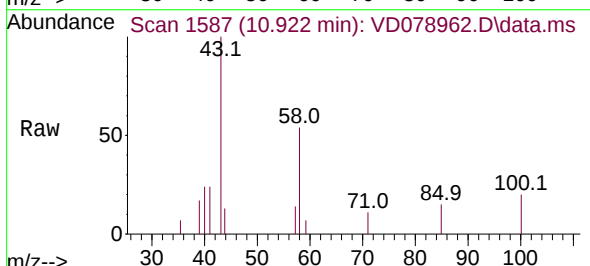
Ion Ratio Lower Upper

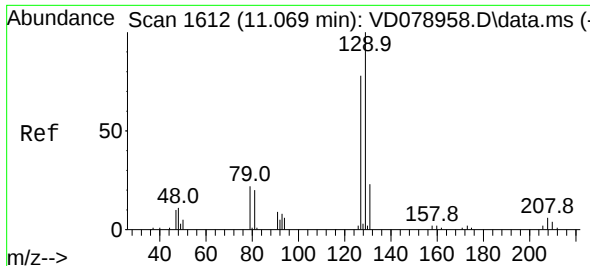
43 100

58 46.9 53.4 80.2#

57 17.1 17.0 25.4

100 16.8 14.3 21.5





#49

Dibromochloromethane

Concen: 2.720 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.006 min

Lab File: VD078962.D

Acq: 17 May 2024 12:49

Instrument :

MSVOA_D

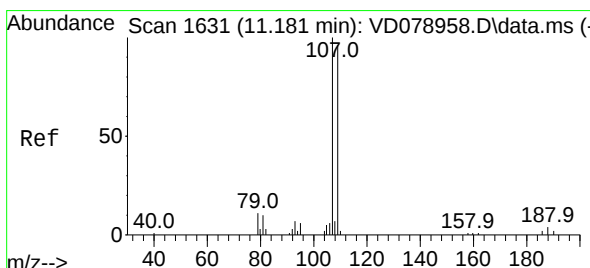
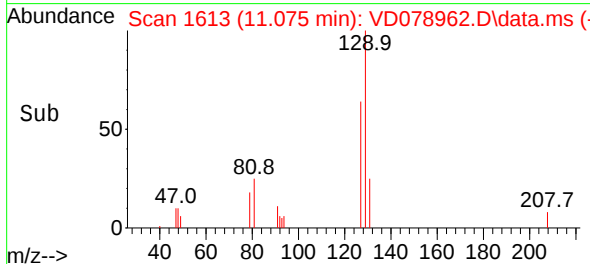
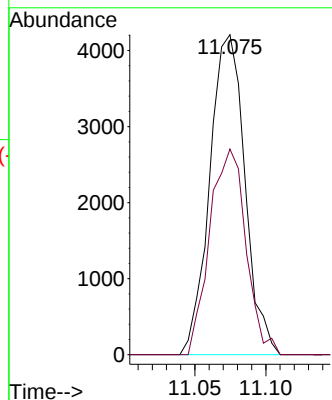
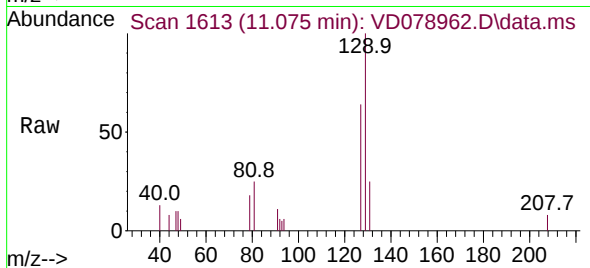
ClientSampleId :

Tgt Ion:129 Resp: 7259

Ion Ratio Lower Upper

129 100

127 64.2 54.8 101.8



#50

1,2-Dibromoethane

Concen: 2.561 ug/L

RT: 11.181 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VD078962.D

Acq: 17 May 2024 12:49

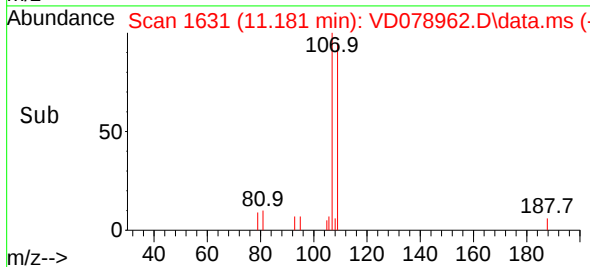
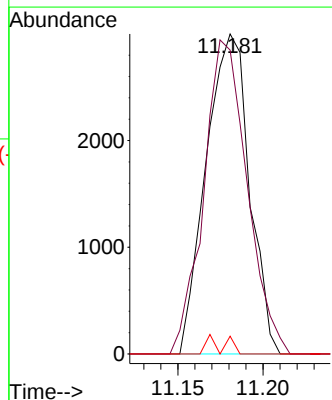
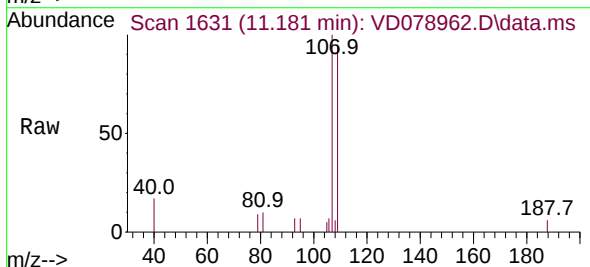
Tgt Ion:107 Resp: 5311

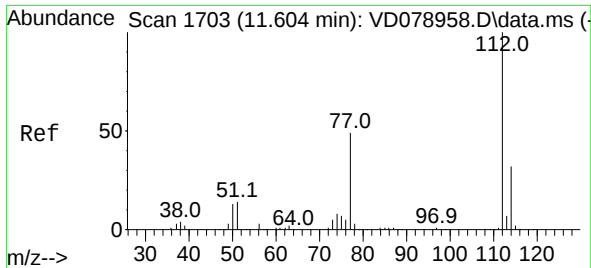
Ion Ratio Lower Upper

107 100

109 95.0 67.0 124.4

188 5.6 3.4 5.2#

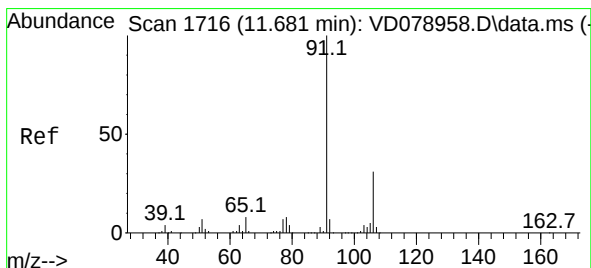
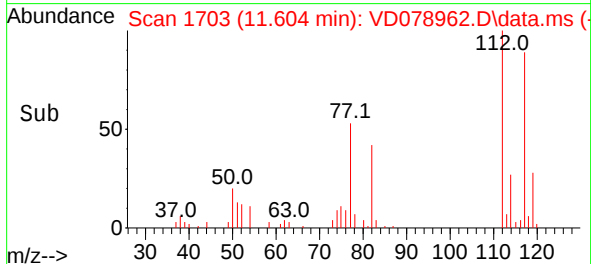
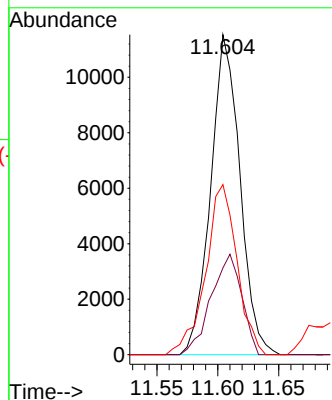
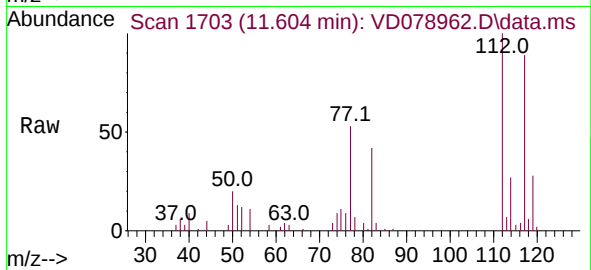




#51
Chlorobenzene
Concen: 2.625 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

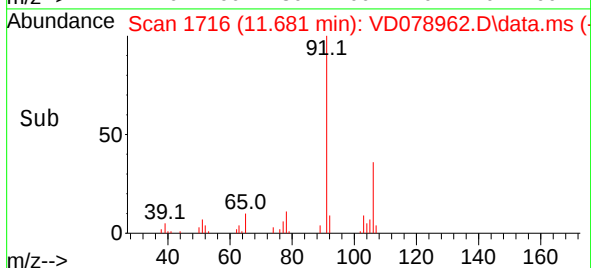
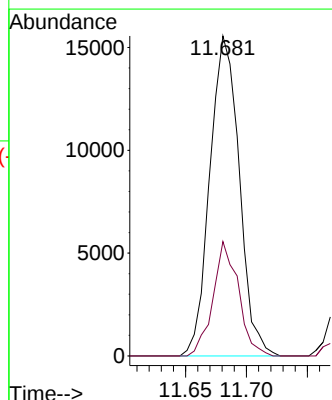
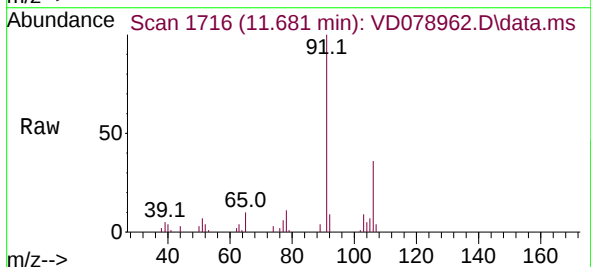
Instrument :
MSVOA_D
ClientSampleId :

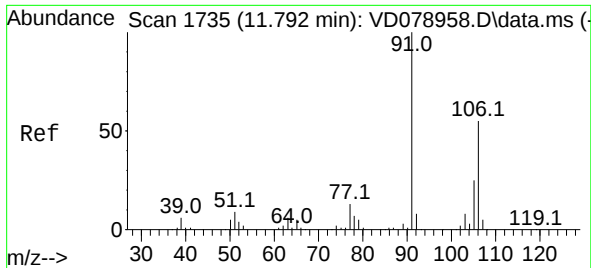
Tgt Ion:112 Resp: 19310
Ion Ratio Lower Upper
112 100
114 27.1 22.5 41.9
77 53.2 39.4 59.0



#52
Ethylbenzene
Concen: 2.329 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

Tgt Ion: 91 Resp: 26176
Ion Ratio Lower Upper
91 100
106 35.8 21.6 40.2

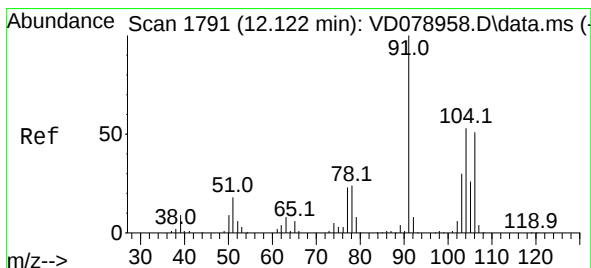
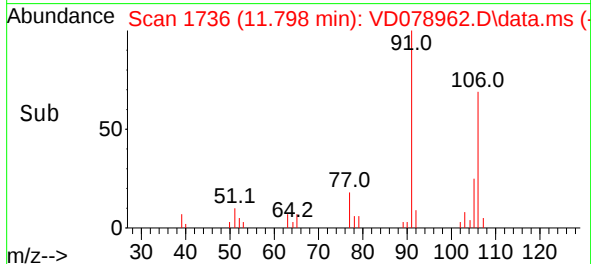
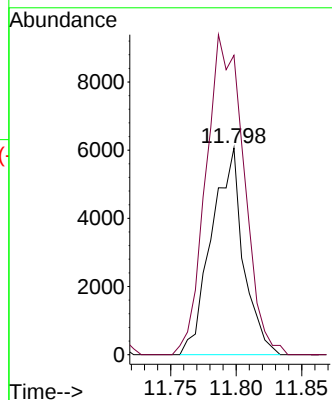
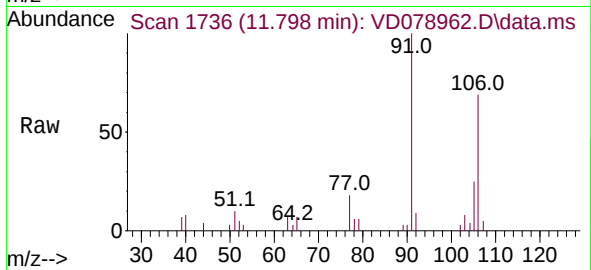




#53
m,p-Xylene
Concen: 2.280 ug/L
RT: 11.798 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

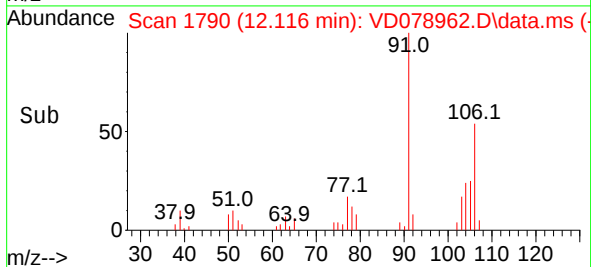
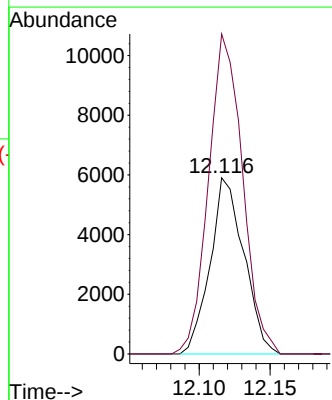
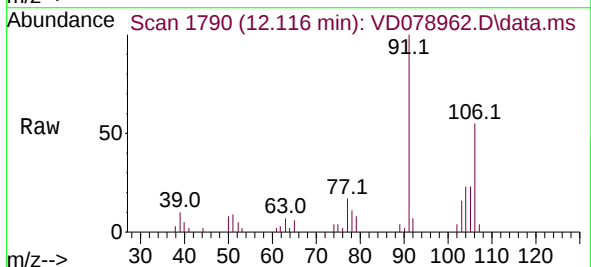
Instrument :
MSVOA_D
ClientSampleId :

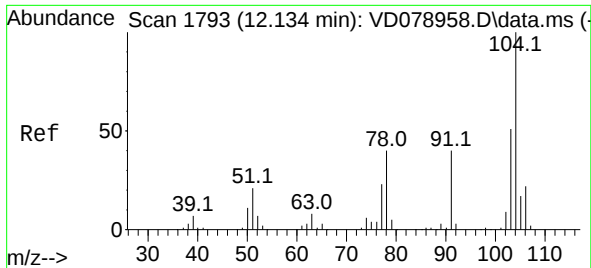
Tgt Ion:106 Resp: 10253
Ion Ratio Lower Upper
106 100
91 144.8 128.3 238.3



#54
o-Xylene
Concen: 2.230 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

Tgt Ion:106 Resp: 9768
Ion Ratio Lower Upper
106 100
91 181.7 138.3 256.9

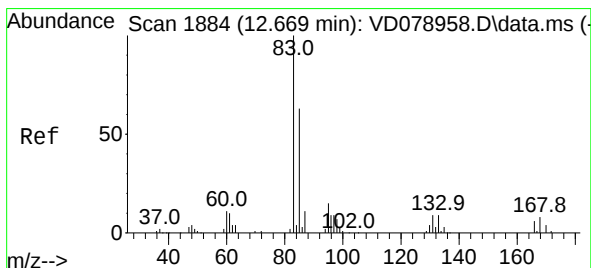
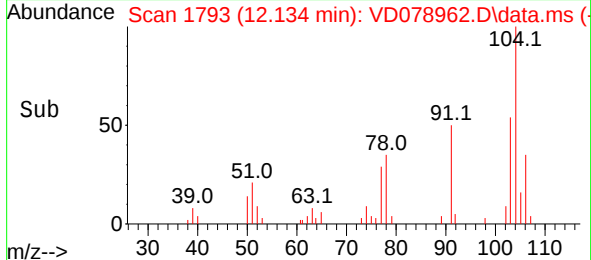
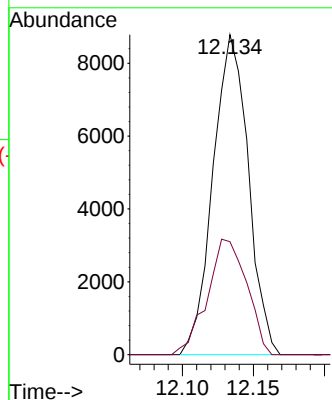
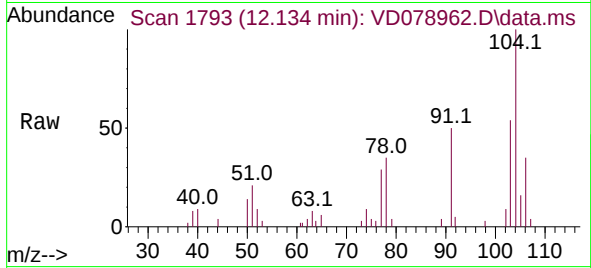




#55
Styrene
Concen: 1.964 ug/L
RT: 12.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

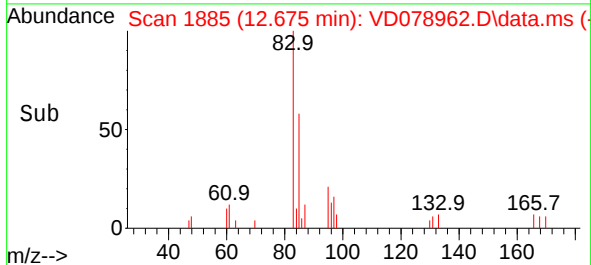
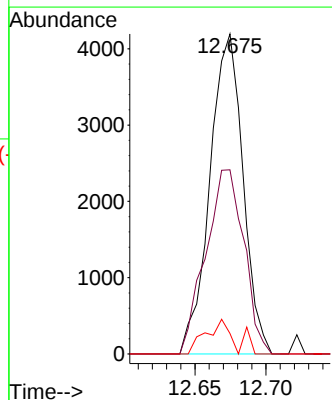
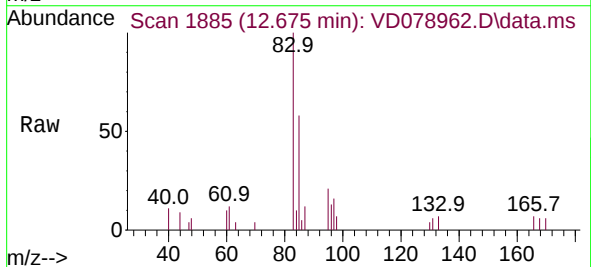
Instrument :
MSVOA_D
ClientSampleId :

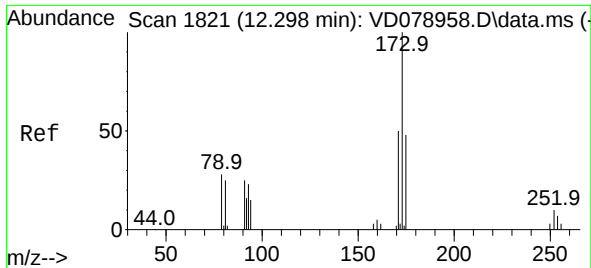
Tgt Ion:104 Resp: 15196
Ion Ratio Lower Upper
104 100
78 35.3 27.8 51.6



#57
1,1,2,2-Tetrachloroethane
Concen: 2.555 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

Tgt Ion: 83 Resp: 6801
Ion Ratio Lower Upper
83 100
85 57.6 44.3 82.3
131 6.4 7.5 11.3#

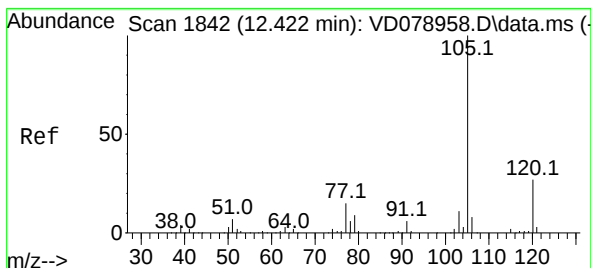
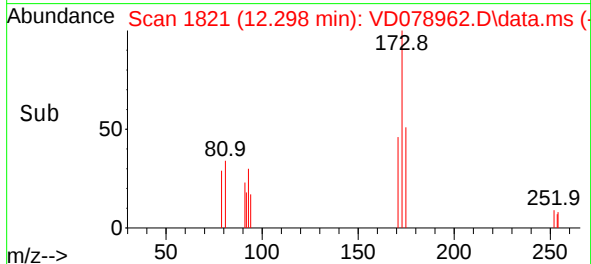
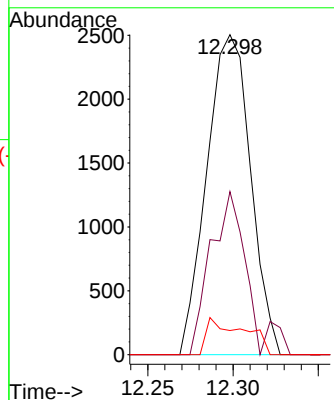
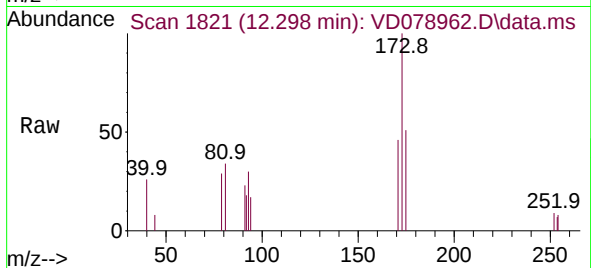




#59
Bromoform
Concen: 2.924 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

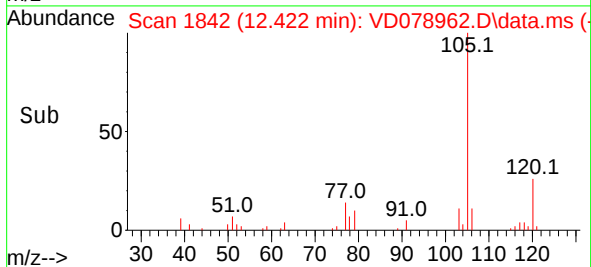
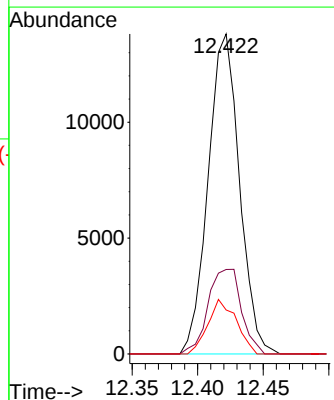
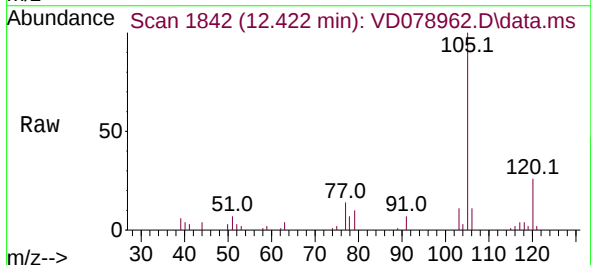
Instrument :
MSVOA_D
ClientSampleId :

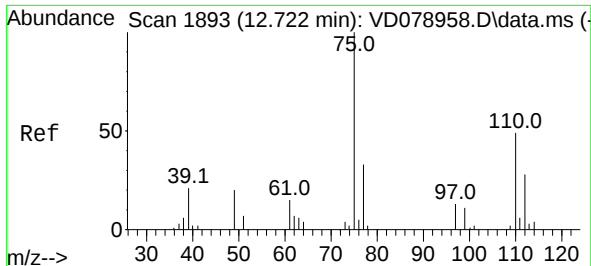
Tgt Ion:173 Resp: 4478
Ion Ratio Lower Upper
173 100
175 39.0 40.0 60.0#
254 5.4 6.3 9.5#



#60
Isopropylbenzene
Concen: 2.296 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

Tgt Ion:105 Resp: 22963
Ion Ratio Lower Upper
105 100
120 28.1 21.8 32.8
77 15.4 11.7 17.5





#61

1,2,3-Trichloropropane

Concen: 2.978 ug/L

RT: 12.728 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VD078962.D

Acq: 17 May 2024 12:49

Instrument :

MSVOA_D

ClientSampleId :

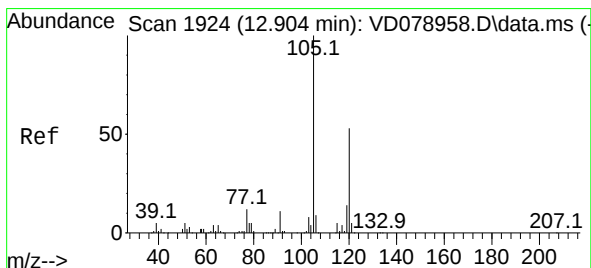
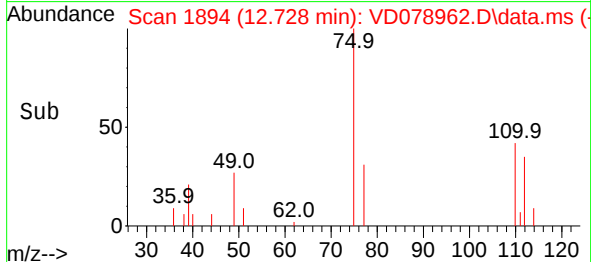
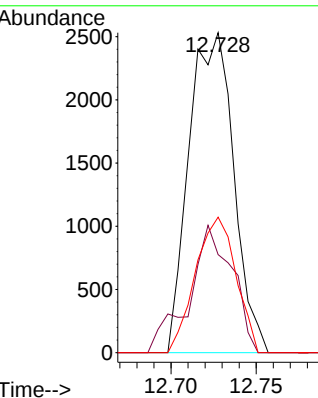
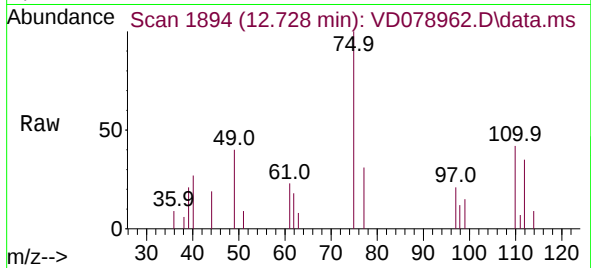
Tgt Ion: 75 Resp: 4618

Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.2

110 38.4 37.1 55.7



#62

1,3,5-Trimethylbenzene

Concen: 2.085 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078962.D

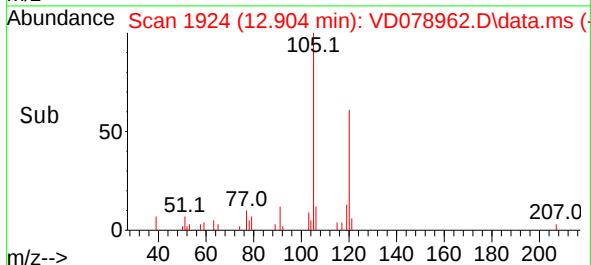
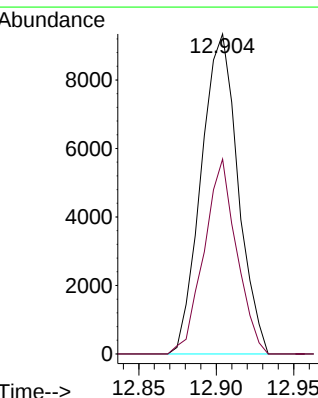
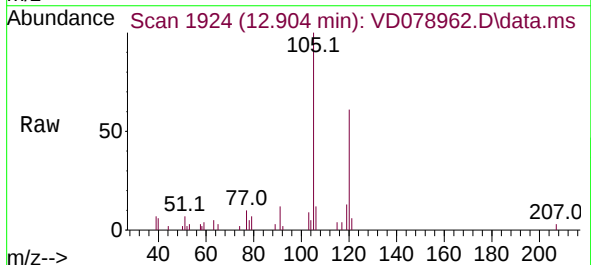
Acq: 17 May 2024 12:49

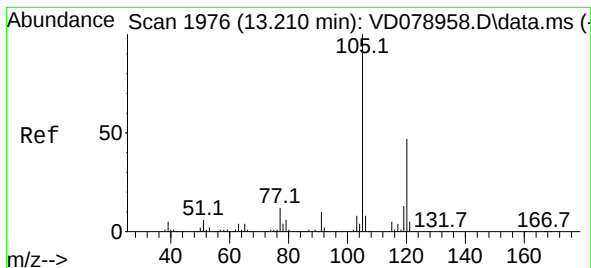
Tgt Ion:105 Resp: 15419

Ion Ratio Lower Upper

105 100

120 54.0 41.9 62.9





#63

1,2,4-Trimethylbenzene

Concen: 2.156 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD078962.D

Acq: 17 May 2024 12:49

Instrument :

MSVOA_D

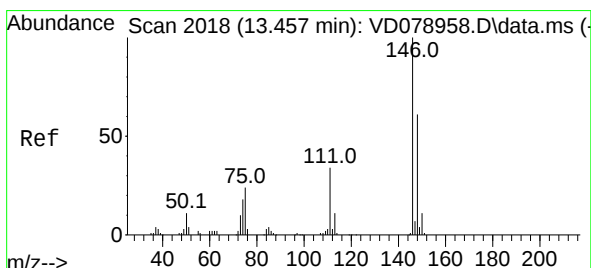
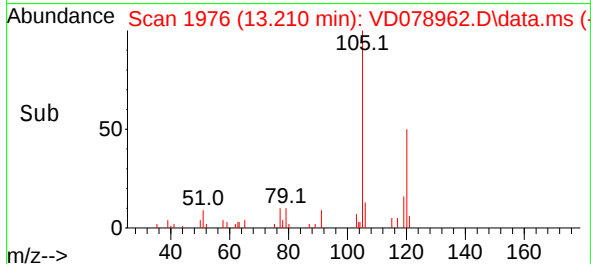
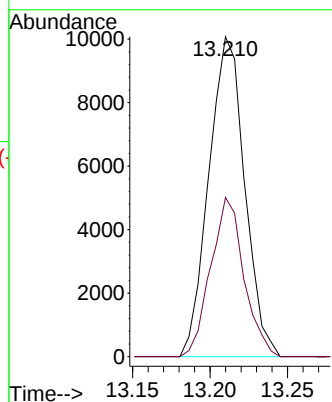
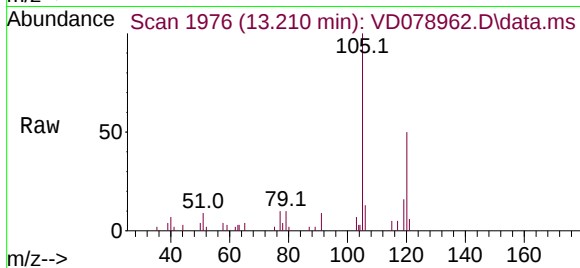
ClientSampleId :

Tgt Ion:105 Resp: 16198

Ion Ratio Lower Upper

105 100

120 46.1 38.8 58.2



#64

1,3-Dichlorobenzene

Concen: 2.576 ug/L

RT: 13.457 min Scan# 1818

Delta R.T. -0.000 min

Lab File: VD078962.D

Acq: 17 May 2024 12:49

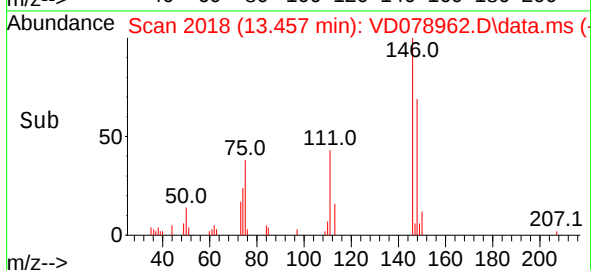
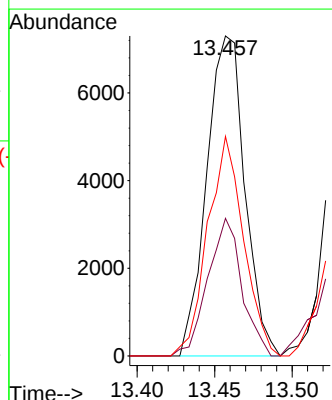
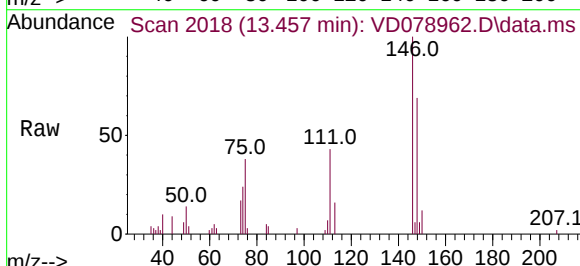
Tgt Ion:146 Resp: 12512

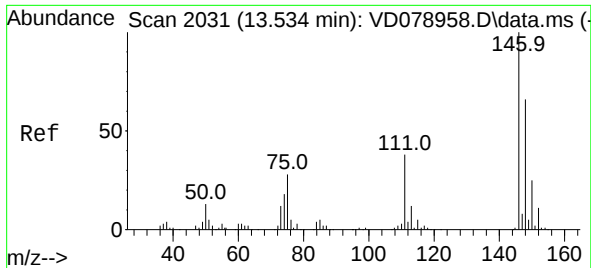
Ion Ratio Lower Upper

146 100

111 43.0 24.0 44.6

148 68.6 42.9 79.7





#65

1,4-Dichlorobenzene

Concen: 2.692 ug/L

RT: 13.539 min Scan# 2031

Delta R.T. 0.006 min

Lab File: VD078962.D

Acq: 17 May 2024 12:49

Instrument :

MSVOA_D

ClientSampleId :

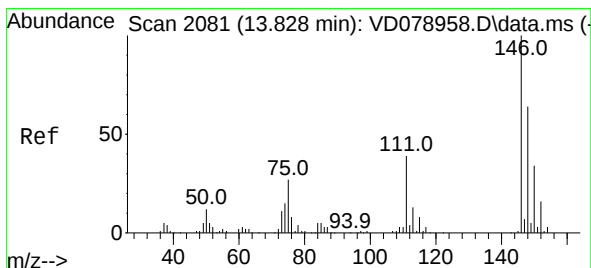
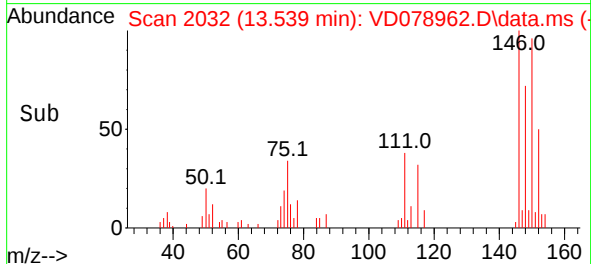
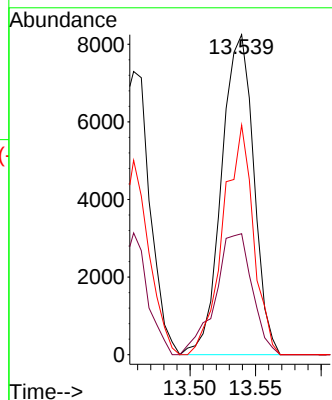
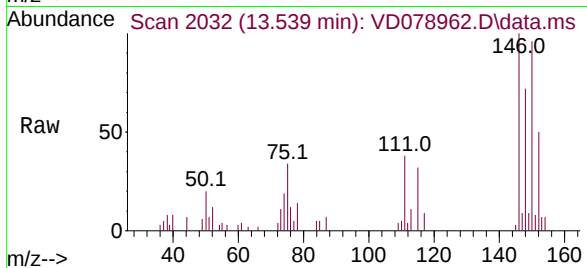
Tgt Ion:146 Resp: 14098

Ion Ratio Lower Upper

146 100

111 37.8 26.9 50.1

148 71.7 46.4 86.2



#67

1,2-Dichlorobenzene

Concen: 2.662 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD078962.D

Acq: 17 May 2024 12:49

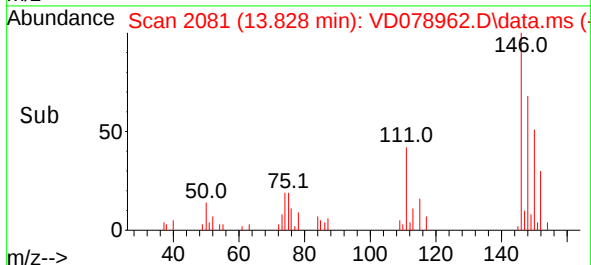
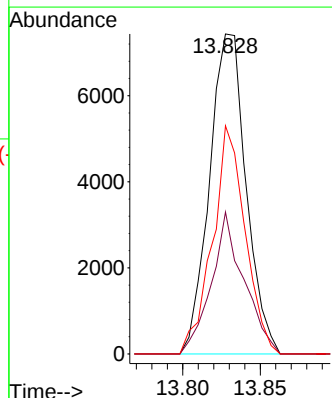
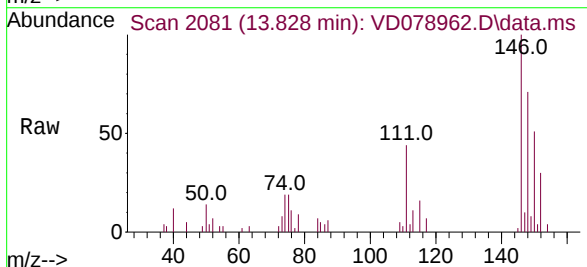
Tgt Ion:146 Resp: 12241

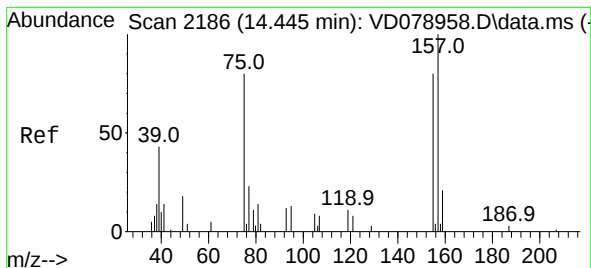
Ion Ratio Lower Upper

146 100

111 44.4 30.9 46.3

148 71.3 51.4 77.0

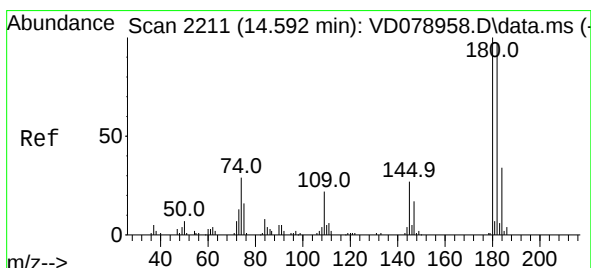
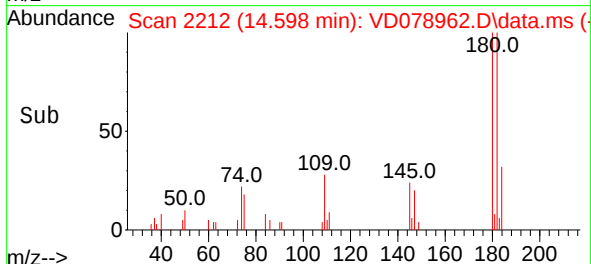
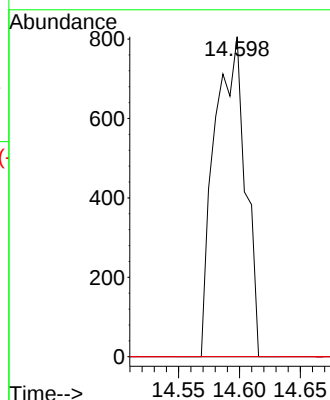
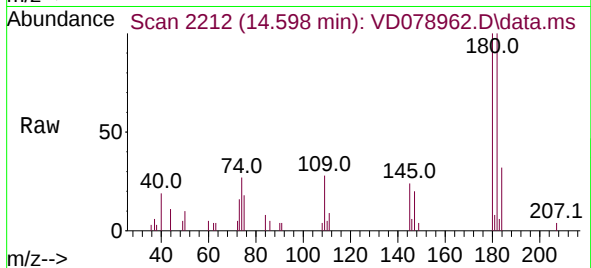




#68
1,2-Dibromo-3-chloropropane
Concen: 4.368 ug/L
RT: 14.598 min Scan# 2186
Delta R.T. 0.153 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

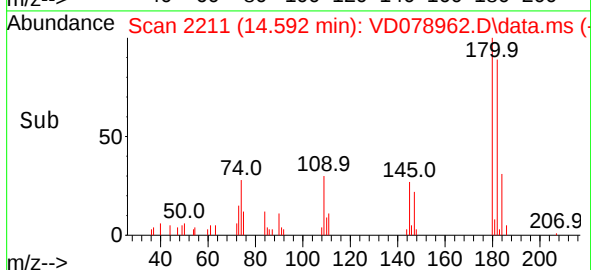
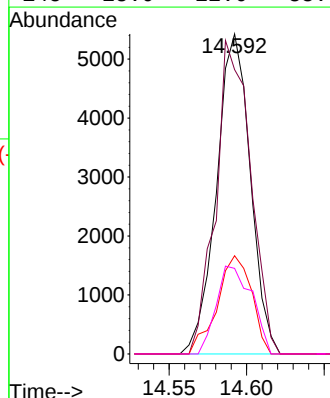
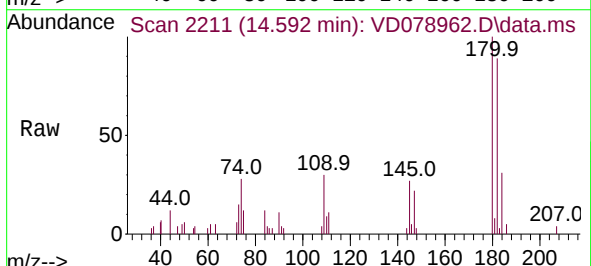
Instrument :
MSVOA_D
ClientSampleId :

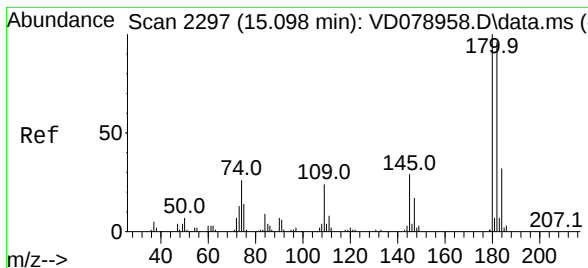
Tgt Ion: 75 Resp: 1411
Ion Ratio Lower Upper
75 100
155 0.0 79.8 119.6#
157 0.0 99.9 149.9#



#69
1,3,5-Trichlorobenzene
Concen: 2.609 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. -0.000 min
Lab File: VD078962.D
Acq: 17 May 2024 12:49

Tgt Ion:180 Resp: 8232
Ion Ratio Lower Upper
180 100
182 100.9 76.2 114.2
184 31.2 24.9 37.3
145 28.9 22.0 33.0





#70

1,2,4-trichlorobenzene

Concen: 2.729 ug/L

RT: 15.104 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD078962.D

Acq: 17 May 2024 12:49

Instrument :

MSVOA_D

ClientSampleId :

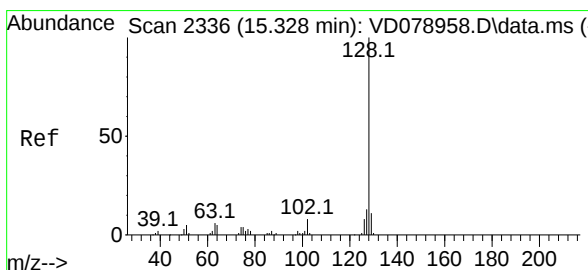
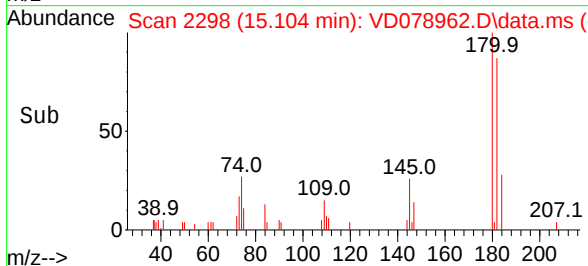
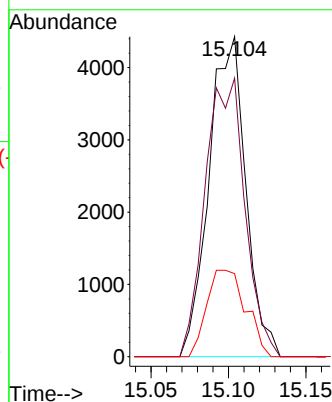
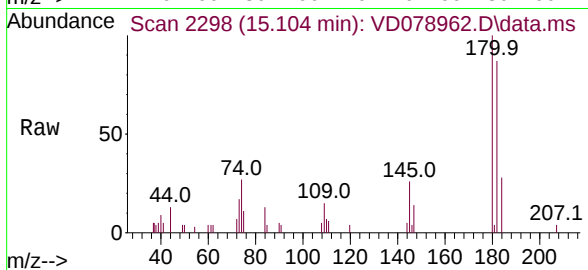
Tgt Ion:180 Resp: 7289

Ion Ratio Lower Upper

180 100

182 94.0 76.4 114.6

145 28.8 22.8 34.2



#71

Naphthalene

Concen: 2.488 ug/L

RT: 15.327 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD078962.D

Acq: 17 May 2024 12:49

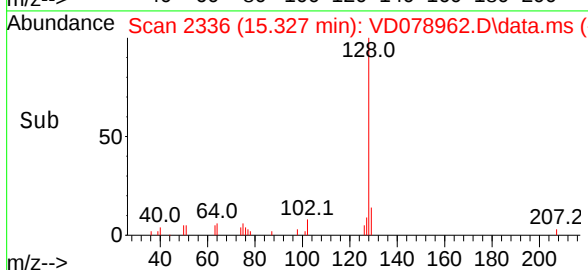
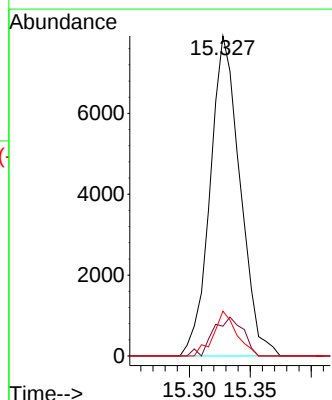
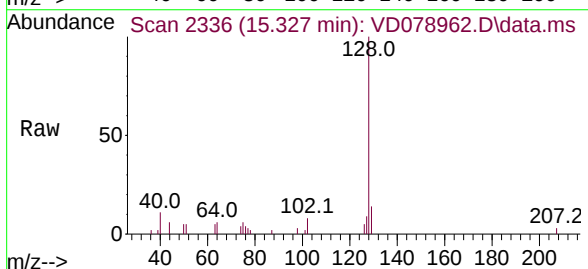
Tgt Ion:128 Resp: 13556

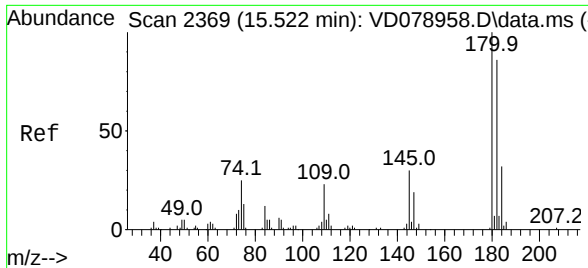
Ion Ratio Lower Upper

128 100

127 11.7 10.3 15.5

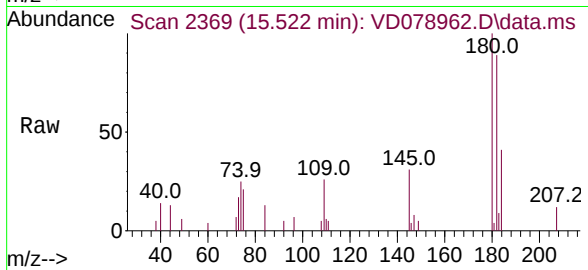
129 10.8 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 2.720 ug/L
 RT: 15.522 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: VD078962.D
 Acq: 17 May 2024 12:49

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	180	Resp:	6790
Ion Ratio	Lower	Upper	
180	100		
182	94.1	77.2	115.8
145	29.3	24.4	36.6

