

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051724\
 Data File : VD078959.D
 Acq On : 17 May 2024 11:00
 Operator : RP/MD
 Sample : VSTD050
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 00:36:09 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	8.781	114	157794	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	167294	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	97025	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	183545	47.449	ug/L	0.00
7) Chloroethane-d5	2.799	69	202903	49.002	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.911	65	44642	59.973	ug/L	0.00
21) 2-Butanone-d5	6.987	46	57200	104.471	ug/L	0.00
24) Chloroform-d	7.569	84	221252	47.101	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	107933	48.382	ug/L	0.00
32) Benzene-d6	8.204	84	417745	48.939	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	121972	46.895	ug/L	0.00
41) Toluene-d8	10.269	98	393013	49.949	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	57283	47.812	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	55754	106.958	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	141190	47.720	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	157922	47.954	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	137902	43.679	ug/L	100
3) Chloromethane	2.146	50	166661	43.022	ug/L	94
5) Vinyl chloride	2.281	62	282764	44.611	ug/L	99
6) Bromomethane	2.693	94	207964	45.881	ug/L	95
8) Chloroethane	2.834	64	227311	46.437	ug/L	97
9) Trichlorofluoromethane	3.175	101	267040	54.021	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	169570	54.654	ug/L	97
12) 1,1-Dichloroethene	3.940	96	152403	55.859	ug/L	88
13) Acetone	4.022	43	81325	120.227	ug/L	96
14) Carbon disulfide	4.269	76	389893	49.314	ug/L	98
15) Methyl Acetate	4.558	43	61003	54.645	ug/L	99
16) Methylene chloride	4.799	84	148427	39.709	ug/L	97
17) trans-1,2-Dichloroethene	5.310	96	136140	49.005	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	320590	54.126	ug/L #	78
19) 1,1-Dichloroethane	6.110	63	228304	48.928	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	163982	51.750	ug/L	93
22) 2-Butanone	7.081	43	81434	107.092	ug/L	95
23) Bromochloromethane	7.422	128	77157	48.731	ug/L #	89
25) Chloroform	7.593	83	270857	48.294	ug/L	94
27) 1,2-Dichloroethane	8.328	62	159640	49.144	ug/L	99
29) Cyclohexane	7.875	56	160653	49.966	ug/L	93
30) 1,1,1-Trichloroethane	7.793	97	224042	48.405	ug/L	98
31) Carbon tetrachloride	7.993	117	206129	48.367	ug/L	98
33) Benzene	8.251	78	581039	50.669	ug/L	100
34) Trichloroethene	9.028	95	144902	49.048	ug/L	95
35) Methylcyclohexane	9.275	83	228335	51.409	ug/L	97
37) 1,2-Dichloropropane	9.304	63	145720	50.142	ug/L	100
38) Bromodichloromethane	9.587	83	205616	50.034	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	242789	53.256	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	160078	109.051	ug/L	99
42) Toluene	10.334	91	670745	53.202	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	216273	53.661	ug/L	100

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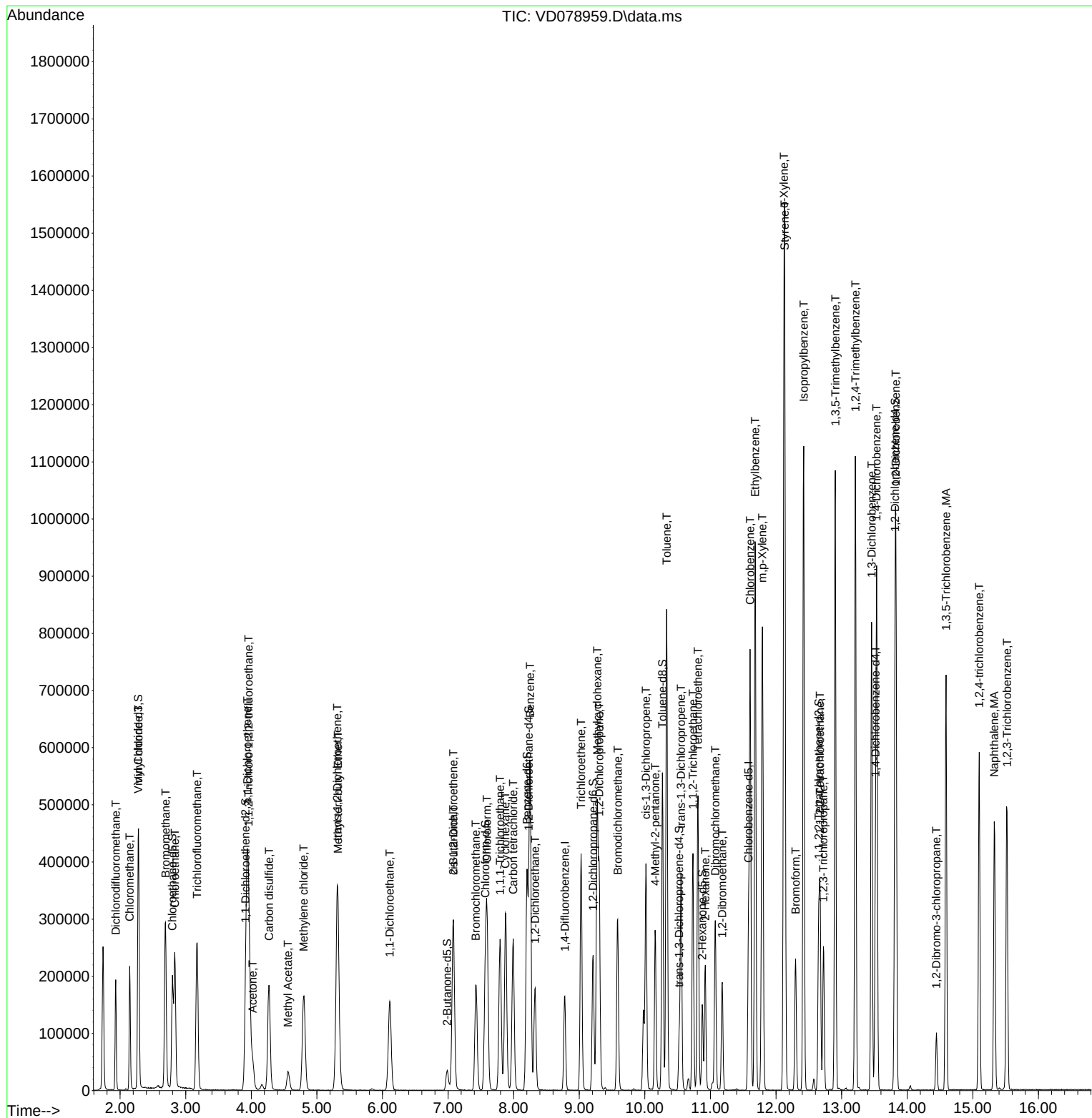
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	135063	50.825	ug/L	92
46) Tetrachloroethene	10.810	164	121508	47.803	ug/L	92
48) 2-Hexanone	10.922	43	123843	108.830	ug/L	99
49) Dibromochloromethane	11.075	129	162420	50.273	ug/L	98
50) 1,2-Dibromoethane	11.181	107	126463	50.379	ug/L #	98
51) Chlorobenzene	11.604	112	445480	50.014	ug/L	99
52) Ethylbenzene	11.681	91	723470	53.169	ug/L	97
53) m,p-Xylene	11.792	106	289756	53.229	ug/L	98
54) o-Xylene	12.122	106	287528	54.232	ug/L	98
55) Styrene	12.134	104	524360	55.967	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	164661	51.088	ug/L	98
59) Bromoform	12.298	173	105609	48.093	ug/L	96
60) Isopropylbenzene	12.422	105	763128	53.201	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	105329	47.360	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	591553	55.792	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	597049	55.416	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	350092	50.253	ug/L	95
65) 1,4-Dichlorobenzene	13.534	146	366413	48.785	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	332944	50.495	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	22493	48.551	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	226173	49.988	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	192929	50.369	ug/L	98
71) Naphthalene	15.328	128	421343	53.915	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	177411	49.554	ug/L	99

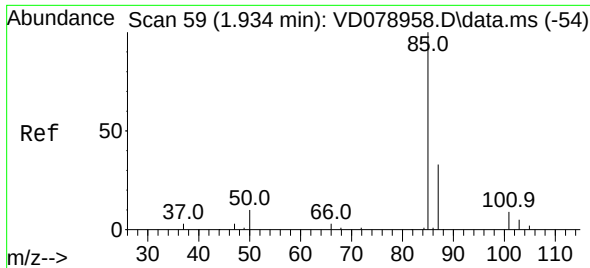
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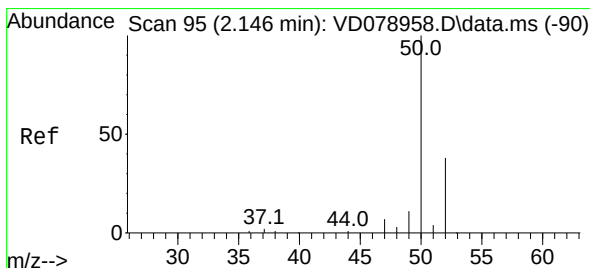
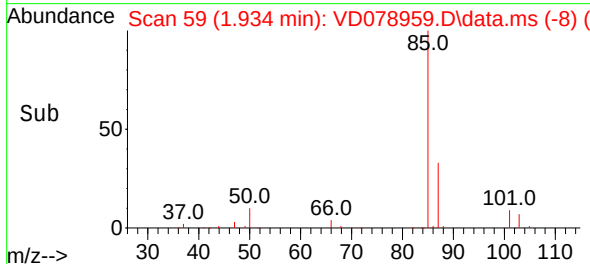
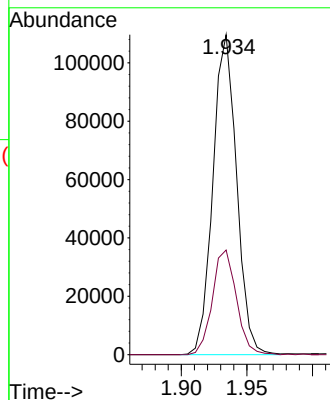
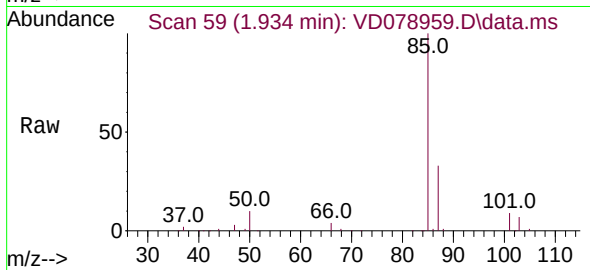




#2
 Dichlorodifluoromethane
 Concen: 43.679 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD078959.D
 Acq: 17 May 2024 11:00

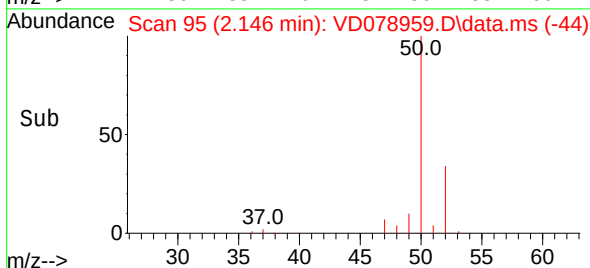
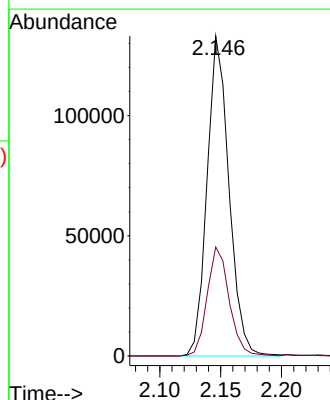
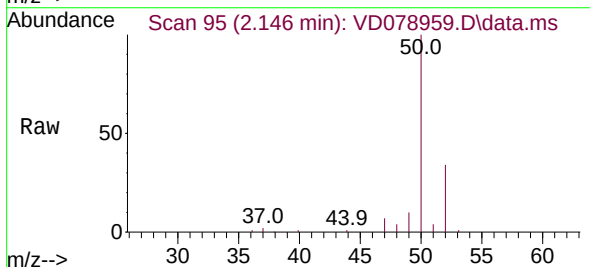
Instrument :
 MSVOA_D
 ClientSampleId :

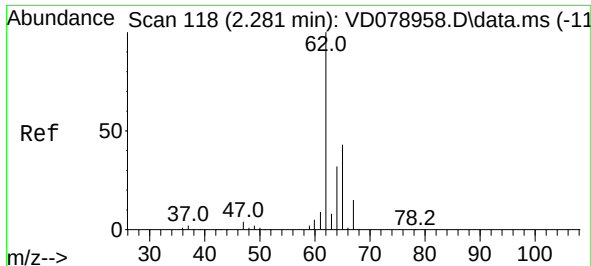
Tgt Ion: 85 Resp: 137902
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.3 39.5



#3
 Chloromethane
 Concen: 43.022 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD078959.D
 Acq: 17 May 2024 11:00

Tgt Ion: 50 Resp: 166661
 Ion Ratio Lower Upper
 50 100
 52 34.1 26.5 49.3

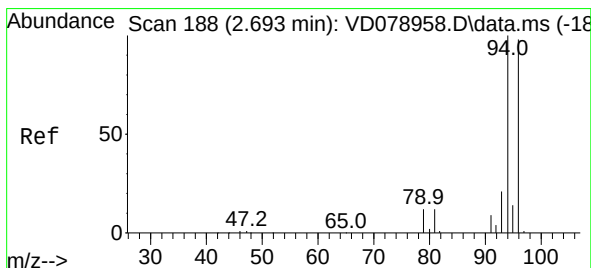
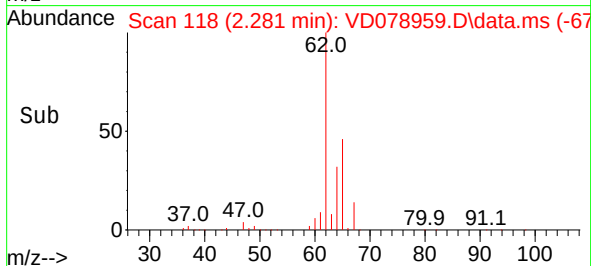
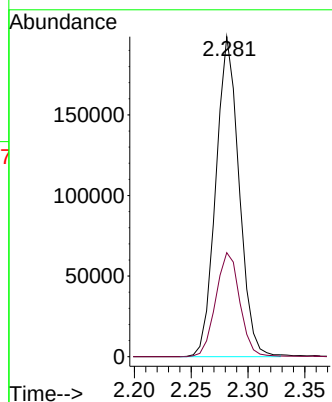
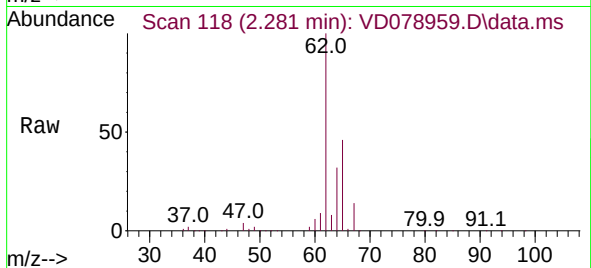




#5
 Vinyl chloride
 Concen: 44.611 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD078959.D
 Acq: 17 May 2024 11:00

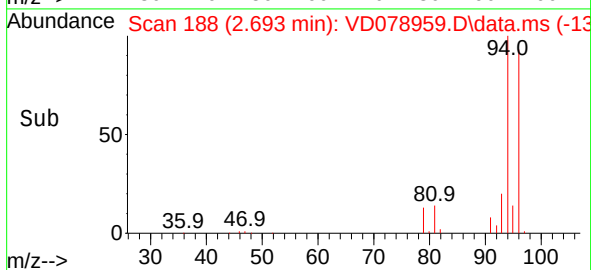
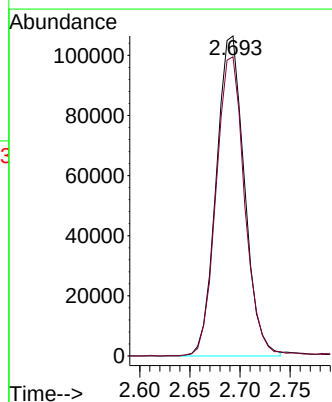
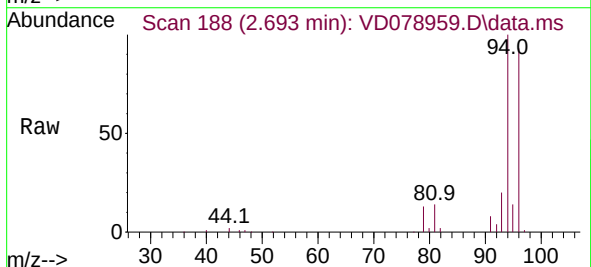
Instrument :
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 ClientSampleId :

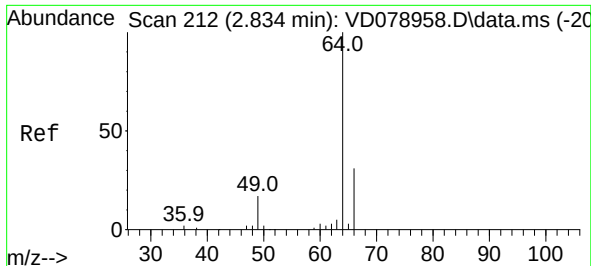
Tgt Ion: 62 Resp: 282764
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.3 41.3



#6
 Bromomethane
 Concen: 45.881 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD078959.D
 Acq: 17 May 2024 11:00

Tgt Ion: 94 Resp: 207964
 Ion Ratio Lower Upper
 94 100
 96 93.5 69.0 128.1

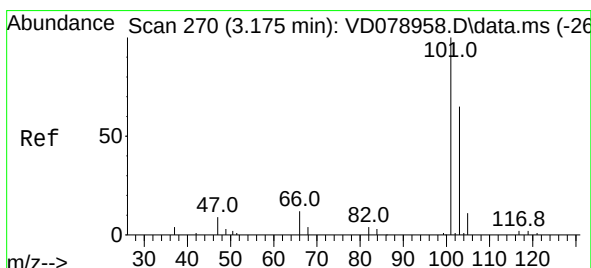
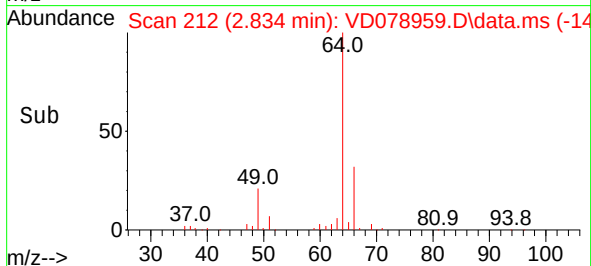
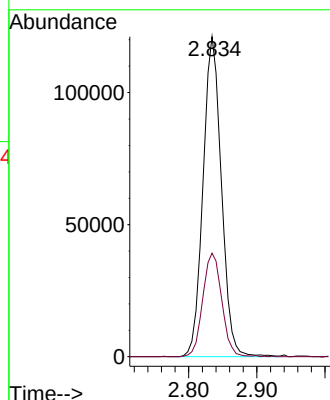
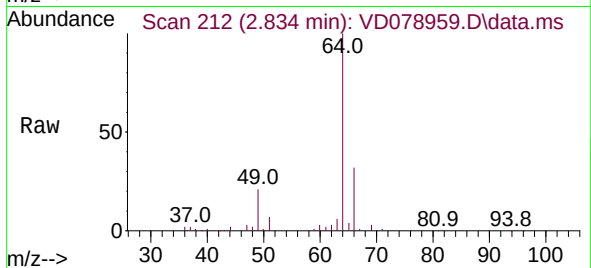




#8
Chloroethane
Concen: 46.437 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078959.D
Acq: 17 May 2024 11:00

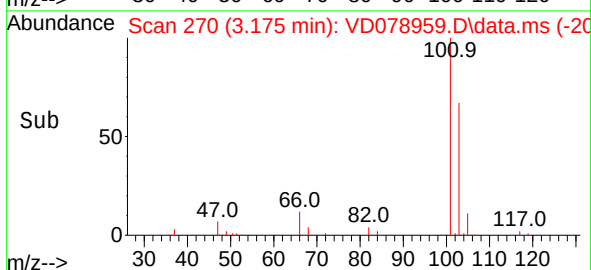
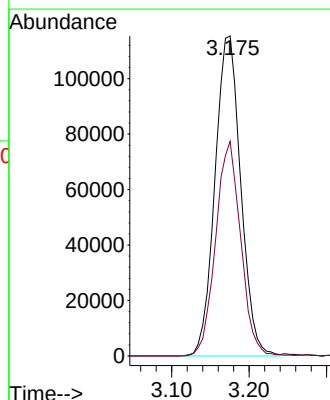
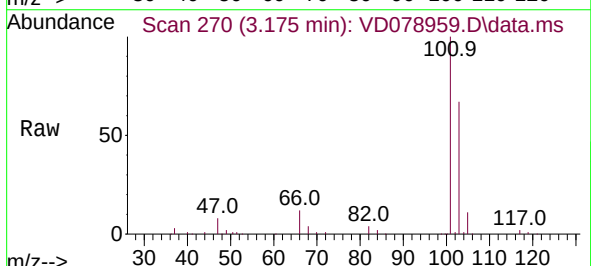
Instrument :
MSVOA_D
ClientSampleId :

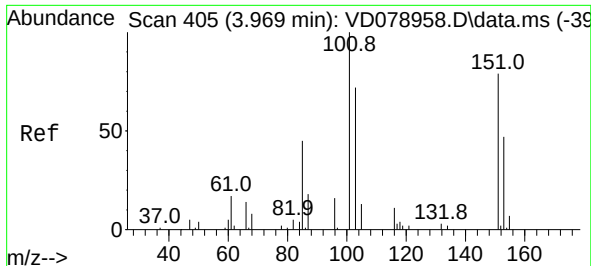
Tgt Ion: 64 Resp: 227311
Ion Ratio Lower Upper
64 100
66 32.4 21.5 39.9



#9
Trichlorofluoromethane
Concen: 54.021 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD078959.D
Acq: 17 May 2024 11:00

Tgt Ion:101 Resp: 267040
Ion Ratio Lower Upper
101 100
103 65.1 51.9 77.9





#10

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

Concen: 54.654 ug/L

RT: 3.958 min Scan# 405

Delta R.T. -0.012 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

Instrument :

MSVOA_D

ClientSampleId :

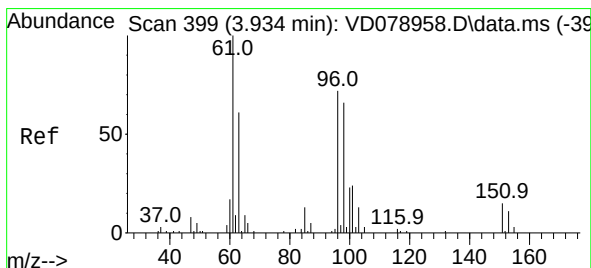
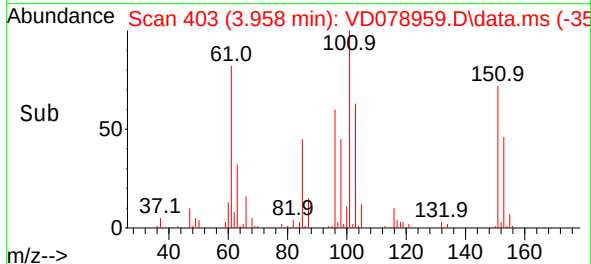
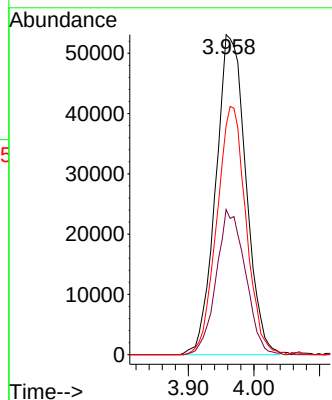
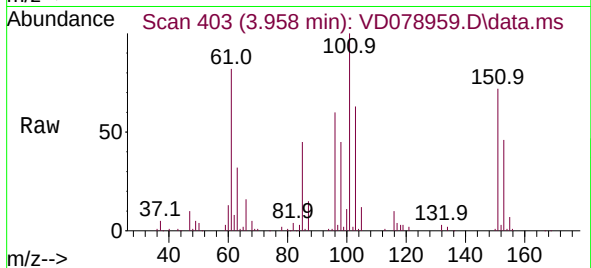
Tgt Ion:101 Resp: 169570

Ion Ratio Lower Upper

101 100

85 43.7 36.2 54.2

151 75.0 62.9 94.3



#12

1,1-Dichloroethene

Concen: 55.859 ug/L

RT: 3.940 min Scan# 400

Delta R.T. 0.006 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

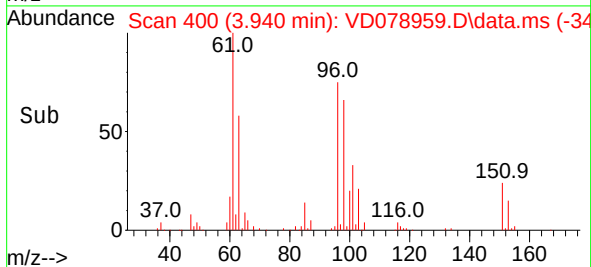
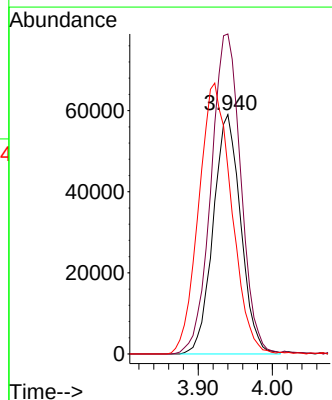
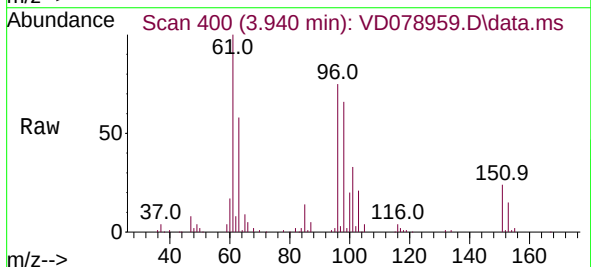
Tgt Ion: 96 Resp: 152403

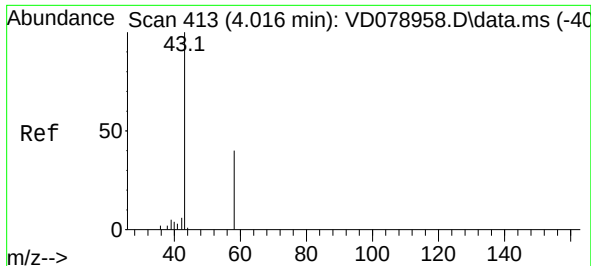
Ion Ratio Lower Upper

96 100

61 133.7 98.6 183.0

63 77.6 68.3 126.8





#13

Acetone

Concen: 120.227 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

Instrument :

MSVOA_D

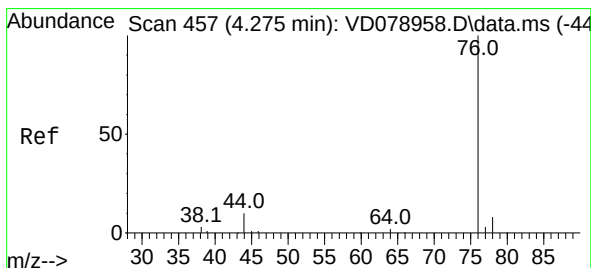
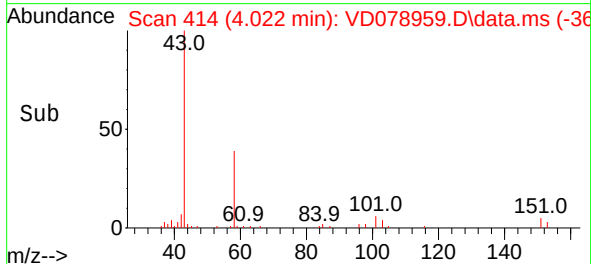
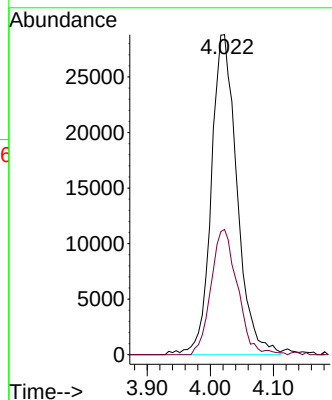
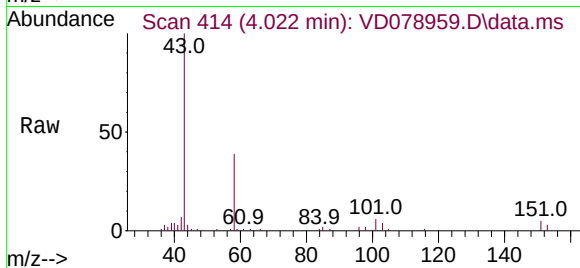
ClientSampleId :

Tgt Ion: 43 Resp: 81325

Ion Ratio Lower Upper

43 100

58 39.7 0.0 75.0



#14

Carbon disulfide

Concen: 49.314 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD078959.D

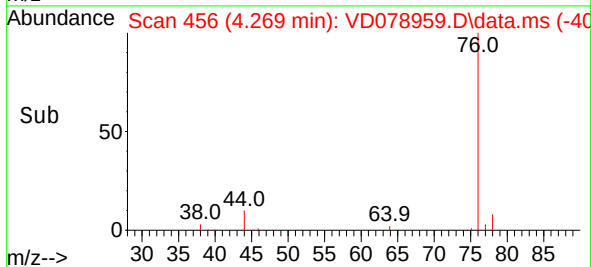
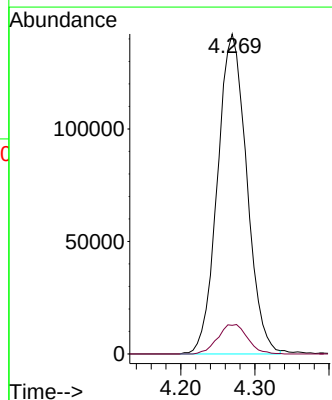
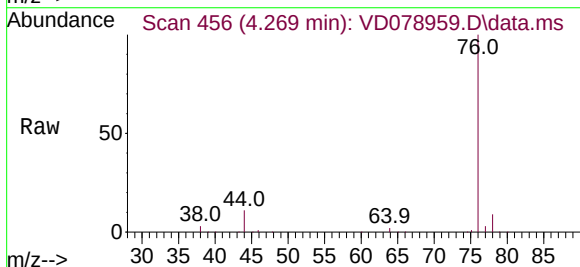
Acq: 17 May 2024 11:00

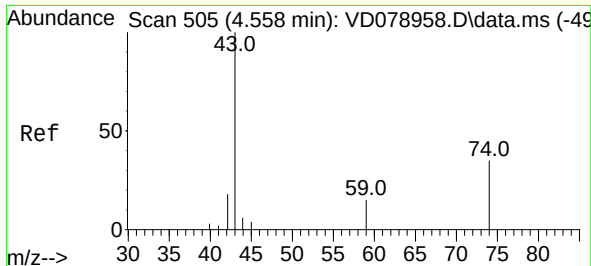
Tgt Ion: 76 Resp: 389893

Ion Ratio Lower Upper

76 100

78 9.0 6.5 9.7





#15

Methyl Acetate

Concen: 54.645 ug/L

RT: 4.558 min Scan# 505

Delta R.T. 0.000 min

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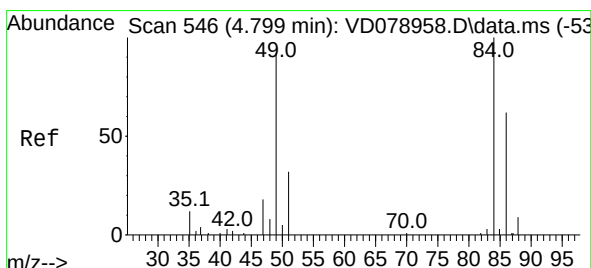
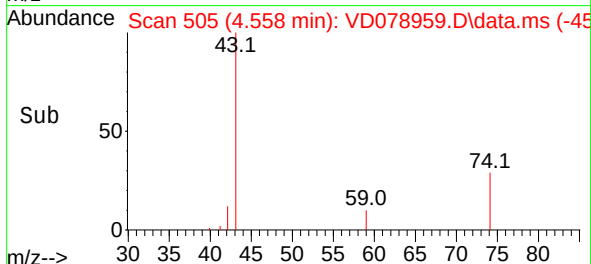
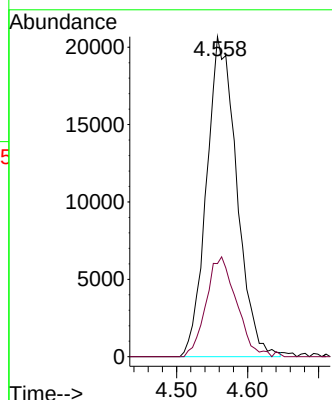
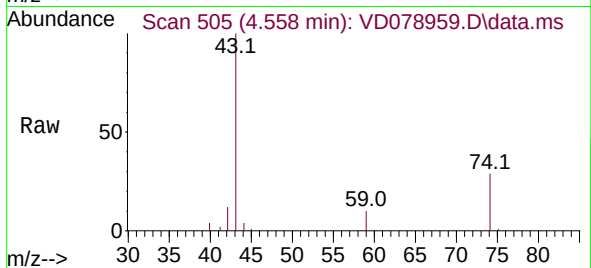
ClientSampleId :

Tgt Ion: 43 Resp: 61003

Ion Ratio Lower Upper

43 100

74 30.9 25.1 37.7



#16

Methylene chloride

Concen: 39.709 ug/L

RT: 4.799 min Scan# 546

Delta R.T. 0.000 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

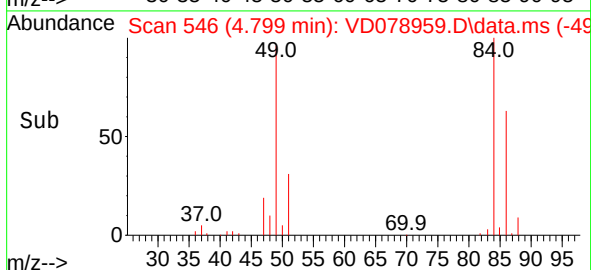
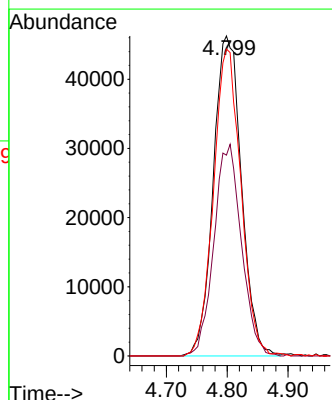
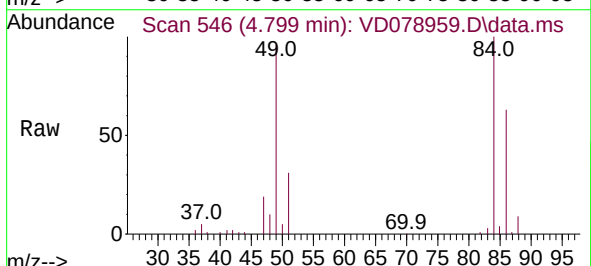
Tgt Ion: 84 Resp: 148427

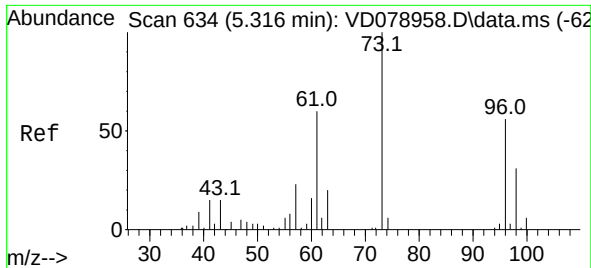
Ion Ratio Lower Upper

84 100

86 62.7 43.7 81.1

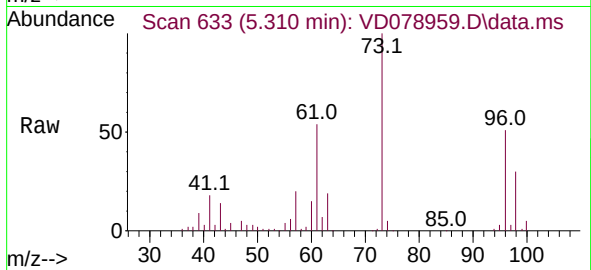
49 95.9 64.0 119.0



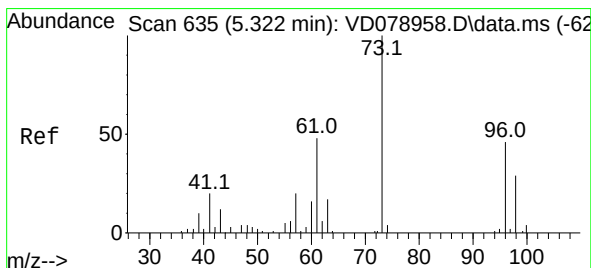
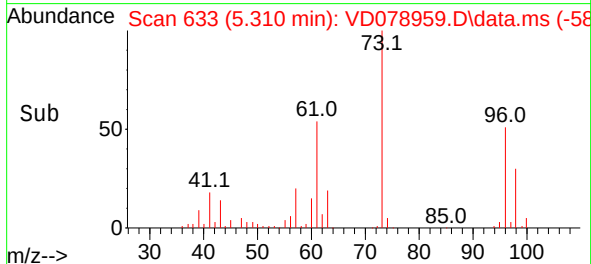
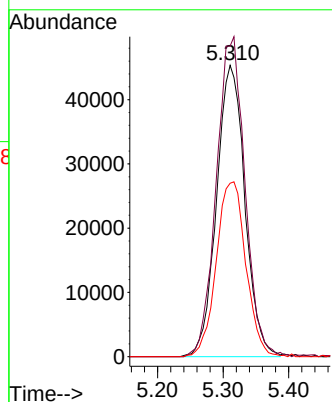


#17
trans-1,2-Dichloroethene
Concen: 49.005 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078959.D
Acq: 17 May 2024 11:00

Instrument :
MSVOA_D
ClientSampleId :

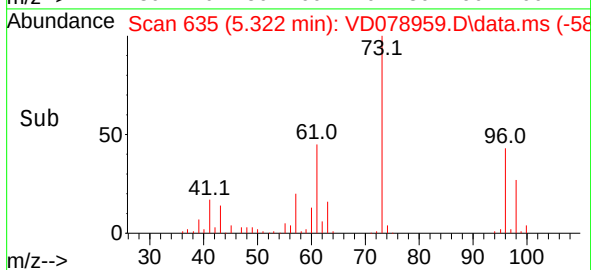
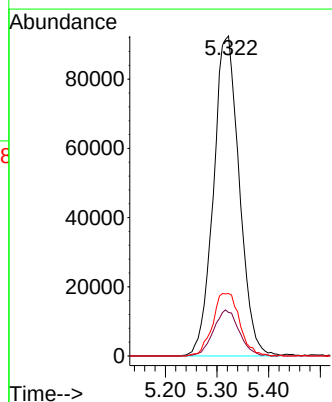
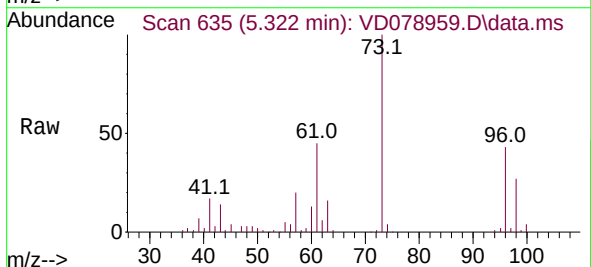


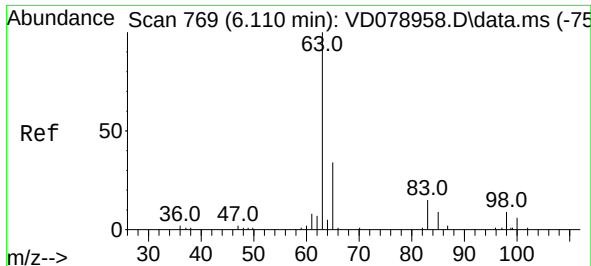
Tgt Ion: 96 Resp: 136140
Ion Ratio Lower Upper
96 100
61 106.5 75.5 140.1
98 59.5 39.1 72.7



#18
Methyl tert-butyl Ether
Concen: 54.126 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD078959.D
Acq: 17 May 2024 11:00

Tgt Ion: 73 Resp: 320590
Ion Ratio Lower Upper
73 100
43 14.3 6.7 10.1#
57 9.8 16.8 25.2#





#19

1,1-Dichloroethane

Concen: 48.928 ug/L

RT: 6.110 min Scan# 7

Delta R.T. 0.000 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

Instrument :

MSVOA_D

ClientSampleId :

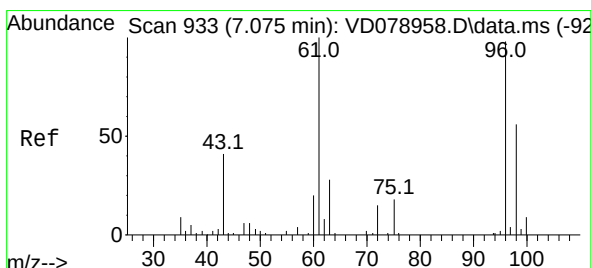
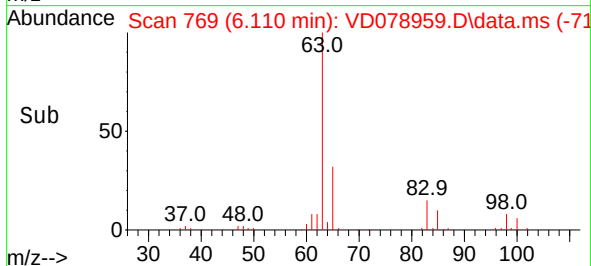
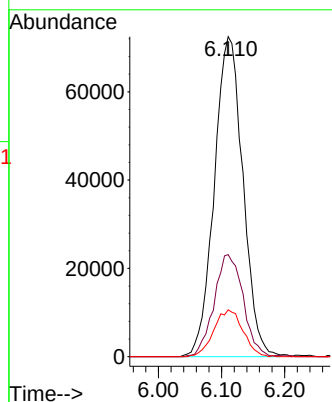
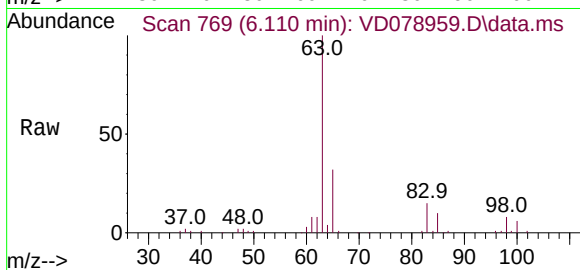
Tgt Ion: 63 Resp: 228304

Ion Ratio Lower Upper

63 100

65 31.9 23.5 43.7

83 14.6 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 51.750 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

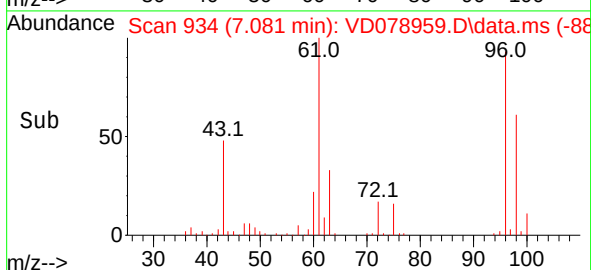
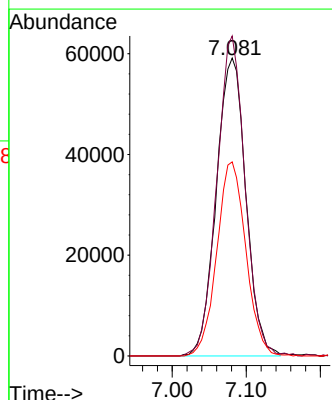
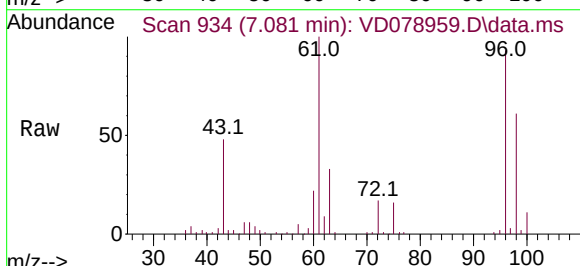
Tgt Ion: 96 Resp: 163982

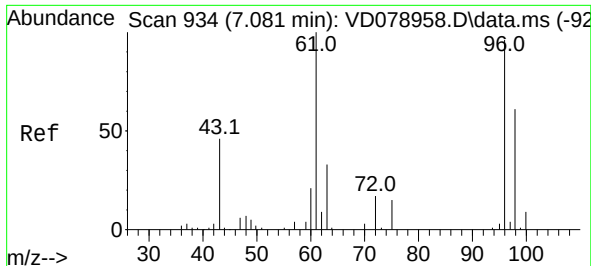
Ion Ratio Lower Upper

96 100

61 107.4 71.6 133.0

98 65.1 40.1 74.5

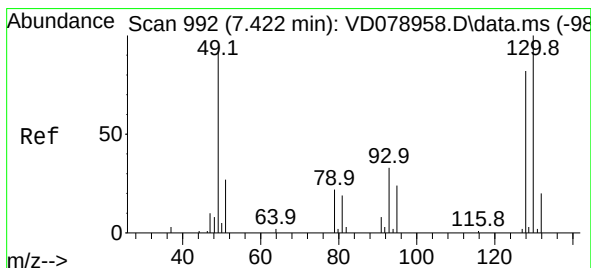
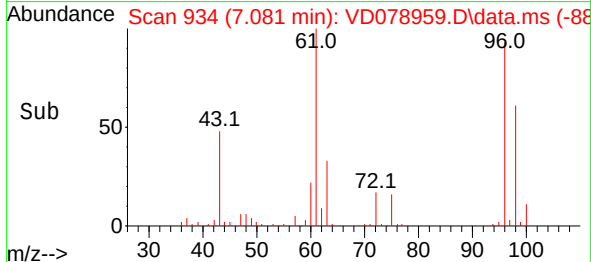
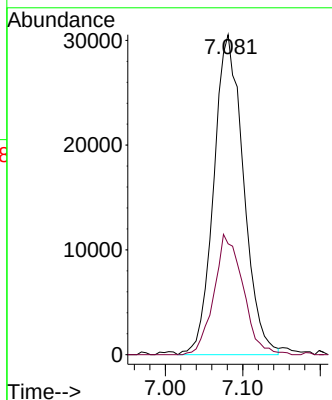
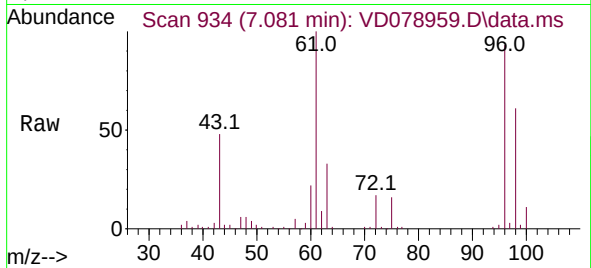




#22
2-Butanone
Concen: 107.092 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078959.D
Acq: 17 May 2024 11:00

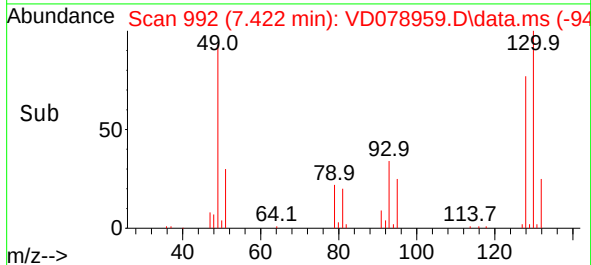
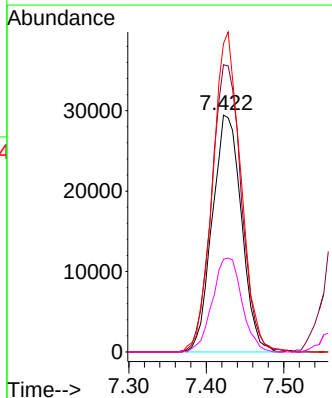
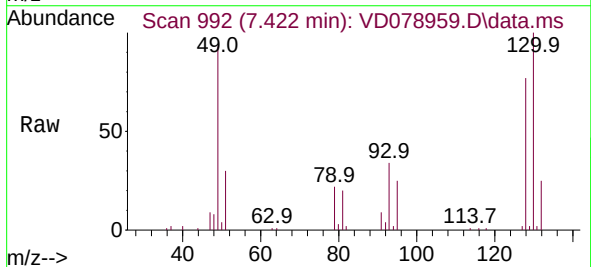
Instrument :
MSVOA_D
ClientSampleId :

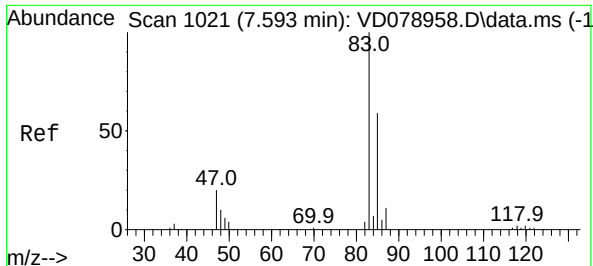
Tgt Ion: 43 Resp: 81434
Ion Ratio Lower Upper
43 100
72 36.8 17.1 51.2



#23
Bromochloromethane
Concen: 48.731 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD078959.D
Acq: 17 May 2024 11:00

Tgt Ion:128 Resp: 77157
Ion Ratio Lower Upper
128 100
49 121.2 77.3 143.5
130 130.1 83.4 154.8
51 39.1 25.3 37.9#





#25

Chloroform

Concen: 48.294 ug/L

RT: 7.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

Instrument :

MSVOA_D

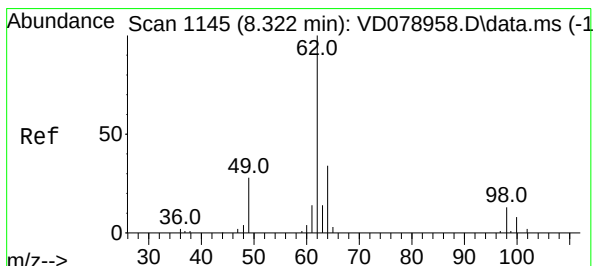
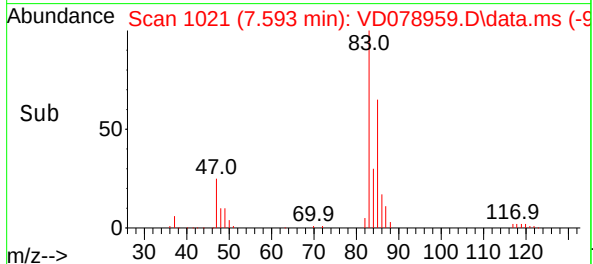
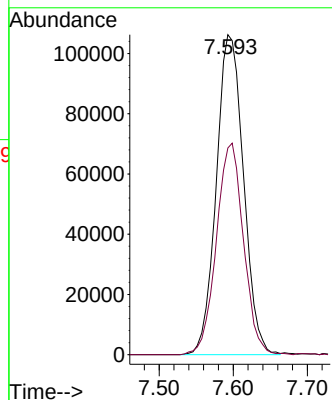
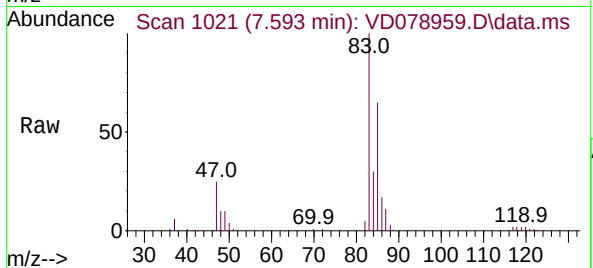
ClientSampleId :

Tgt Ion: 83 Resp: 270857

Ion Ratio Lower Upper

83 100

85 64.6 41.8 77.6



#27

1,2-Dichloroethane

Concen: 49.144 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD078959.D

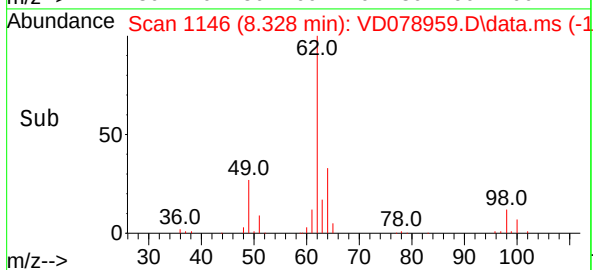
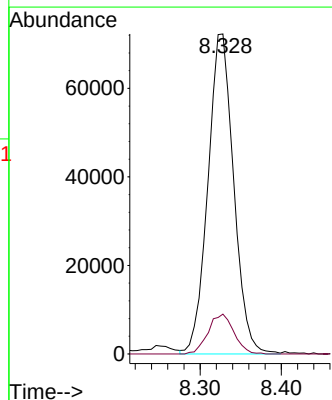
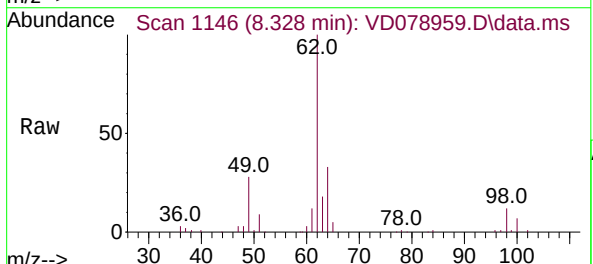
Acq: 17 May 2024 11:00

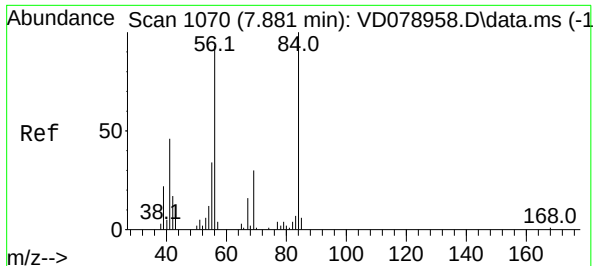
Tgt Ion: 62 Resp: 159640

Ion Ratio Lower Upper

62 100

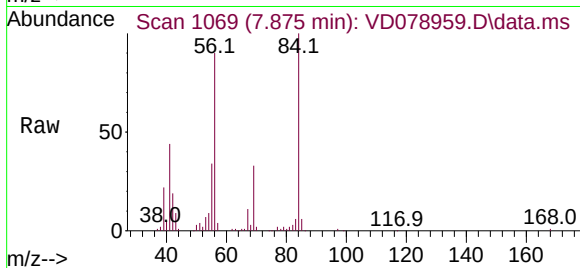
98 12.5 10.2 15.4



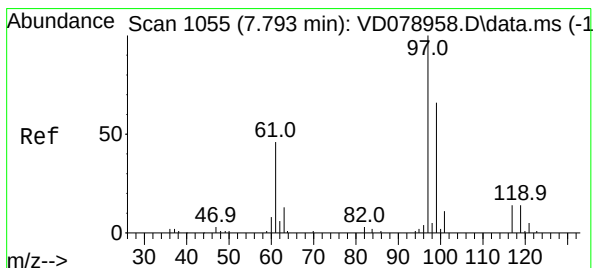
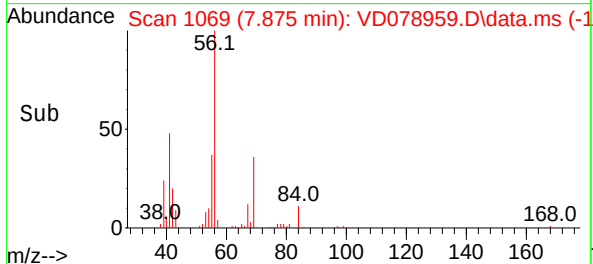
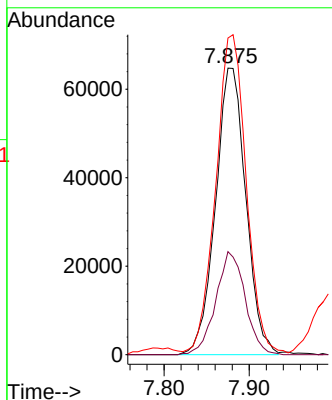


#29
Cyclohexane
Concen: 49.966 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078959.D
Acq: 17 May 2024 11:00

Instrument :
MSVOA_D
ClientSampleId :

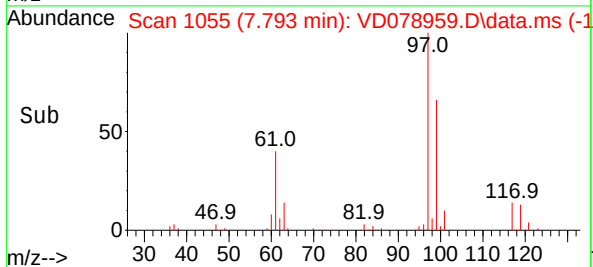
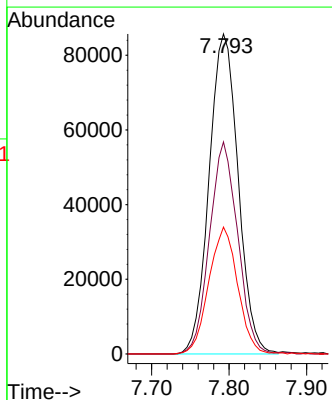
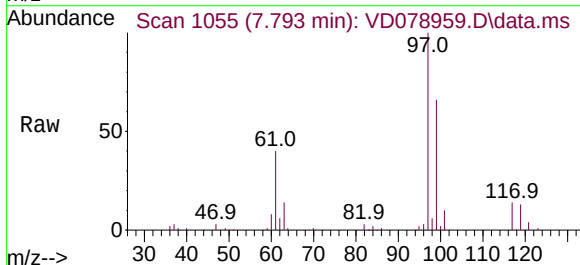


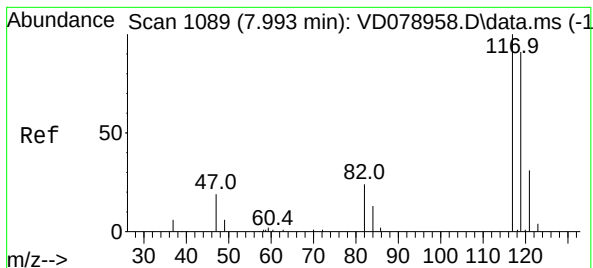
Tgt Ion: 56 Resp: 160653
Ion Ratio Lower Upper
56 100
69 34.6 25.2 37.8
84 112.4 83.4 125.2



#30
1,1,1-Trichloroethane
Concen: 48.405 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078959.D
Acq: 17 May 2024 11:00

Tgt Ion: 97 Resp: 224042
Ion Ratio Lower Upper
97 100
99 64.1 52.6 78.8
61 39.2 32.6 48.8





#31

Carbon tetrachloride

Concen: 48.367 ug/L

RT: 7.993 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

Instrument :

MSVOA_D

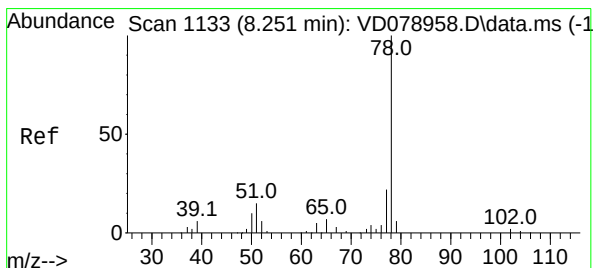
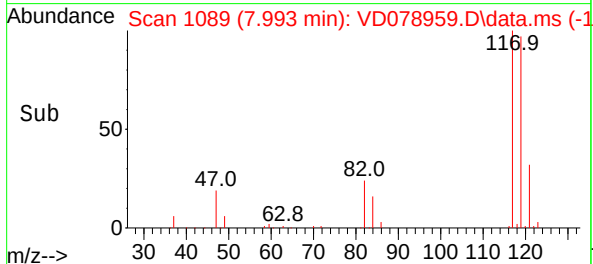
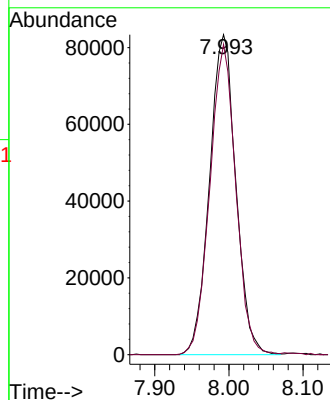
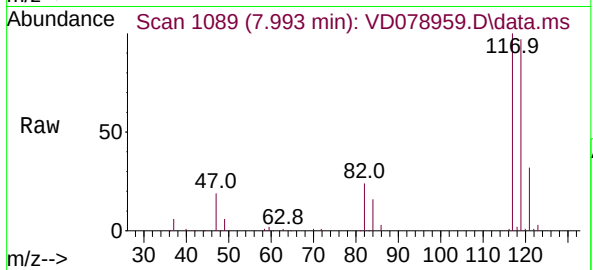
ClientSampleId :

Tgt Ion:117 Resp: 206129

Ion Ratio Lower Upper

117 100

119 95.2 77.7 116.5



#33

Benzene

Concen: 50.669 ug/L

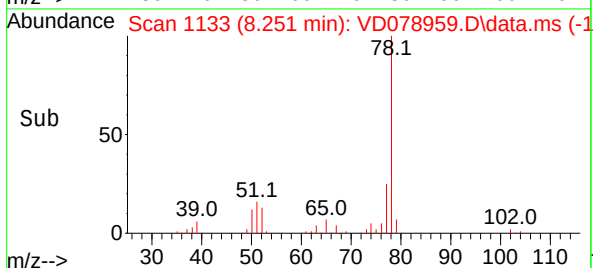
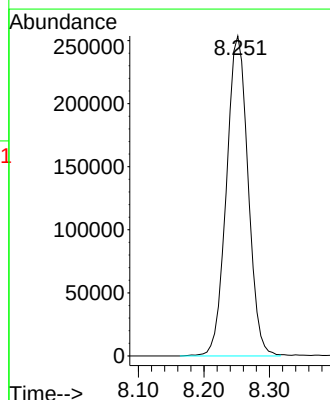
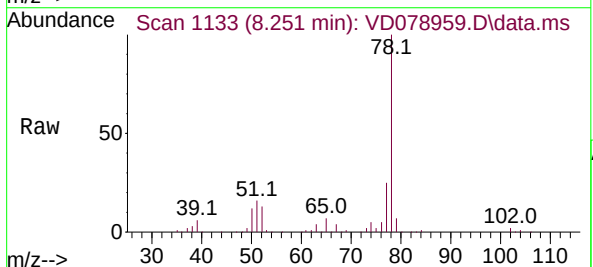
RT: 8.251 min Scan# 1133

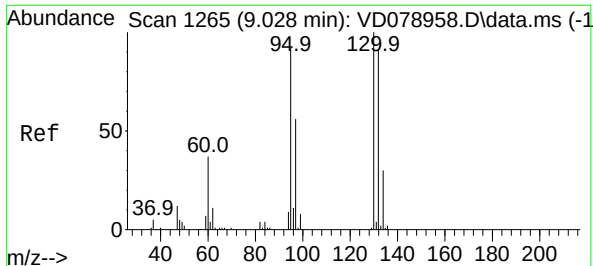
Delta R.T. 0.000 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

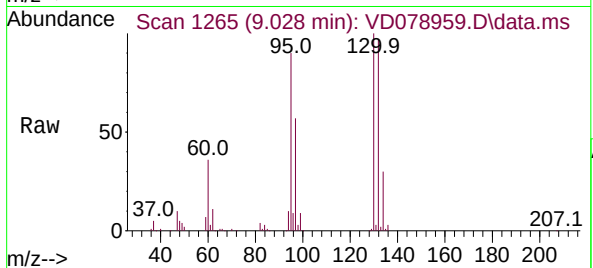
Tgt Ion: 78 Resp: 581039



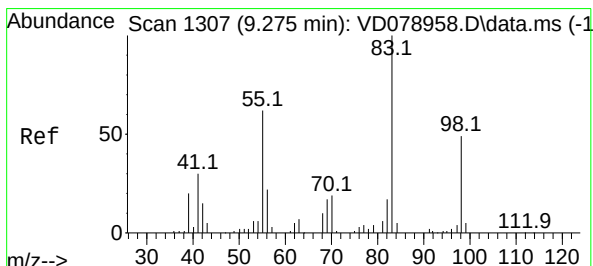
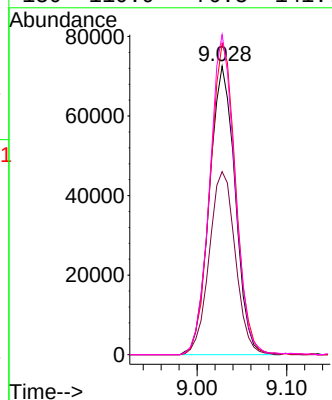
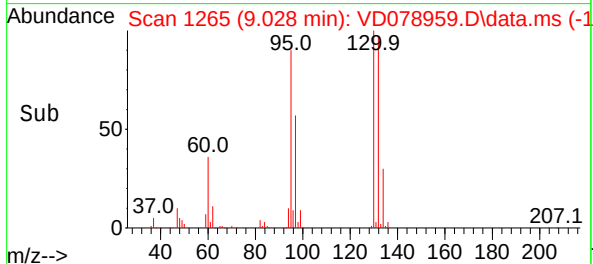


#34
Trichloroethene
Concen: 49.048 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078959.D
Acq: 17 May 2024 11:00

Instrument :
MSVOA_D
ClientSampleId :

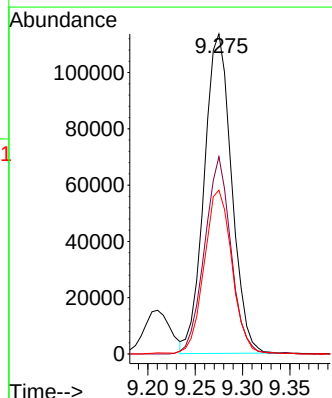
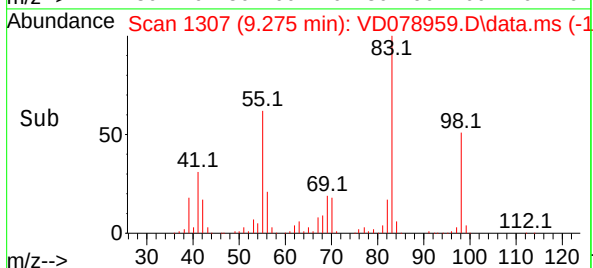
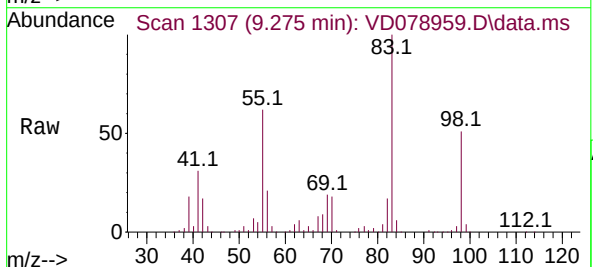


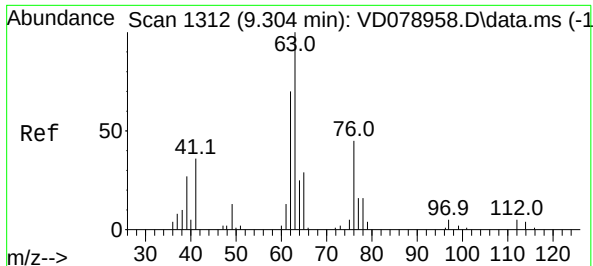
Tgt Ion:	95	Resp:	144902
Ion	Ratio	Lower	Upper
95	100		
97	63.4	42.6	79.2
132	107.9	69.5	129.1
130	110.9	76.3	141.7



#35
Methylcyclohexane
Concen: 51.409 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD078959.D
Acq: 17 May 2024 11:00

Tgt Ion:	83	Resp:	228335
Ion	Ratio	Lower	Upper
83	100		
55	59.2	49.0	73.6
98	52.0	40.1	60.1

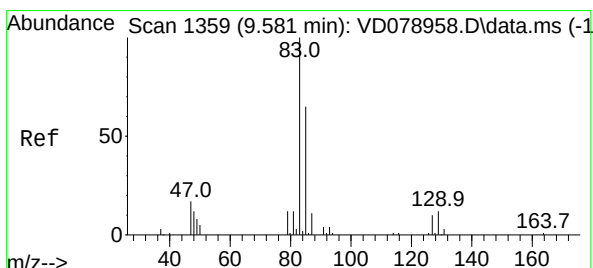
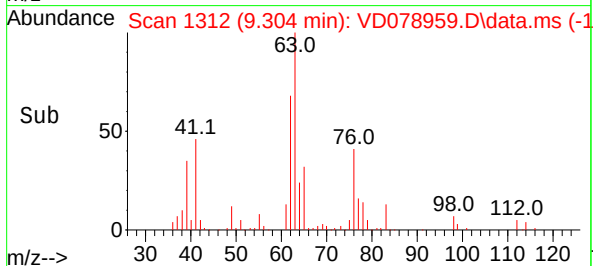
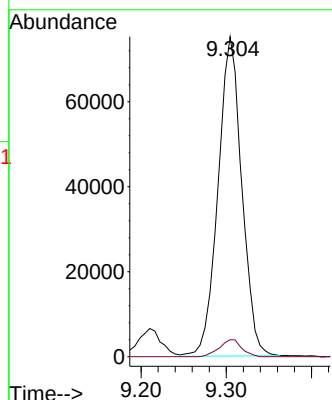
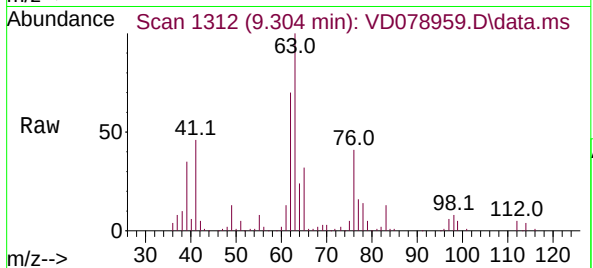




#37
1,2-Dichloropropane
Concen: 50.142 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD078959.D
Acq: 17 May 2024 11:00

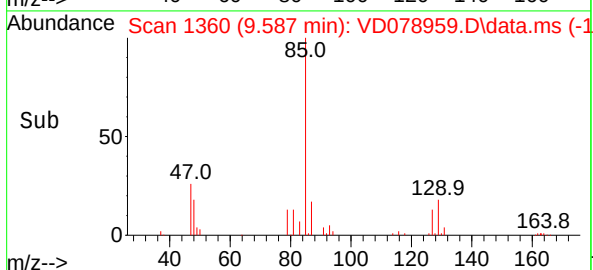
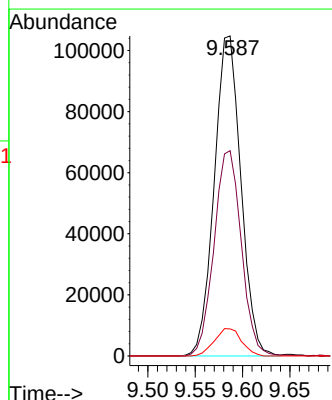
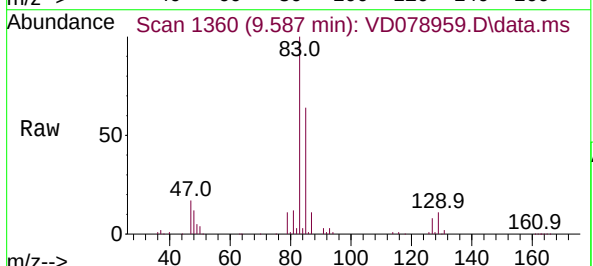
Instrument :
MSVOA_D
ClientSampleId :

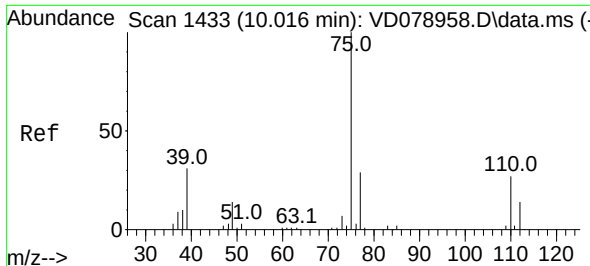
Tgt Ion: 63 Resp: 145720
Ion Ratio Lower Upper
63 100
112 5.0 4.1 6.1



#38
Bromodichloromethane
Concen: 50.034 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD078959.D
Acq: 17 May 2024 11:00

Tgt Ion: 83 Resp: 205616
Ion Ratio Lower Upper
83 100
85 64.2 45.4 84.4
127 8.5 7.6 11.4

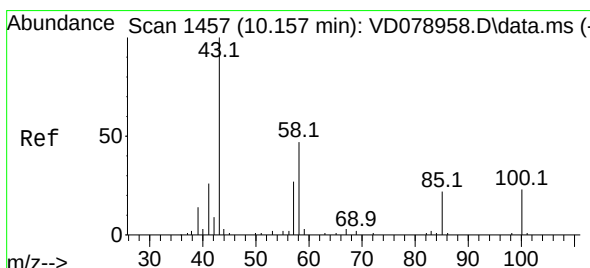
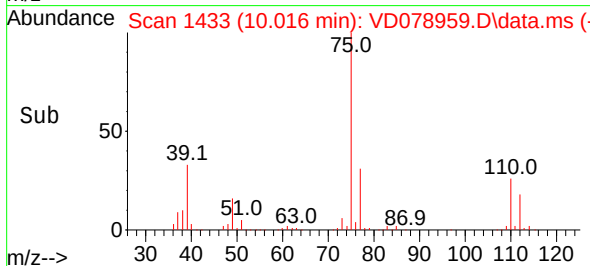
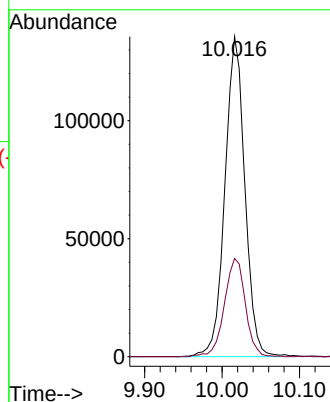
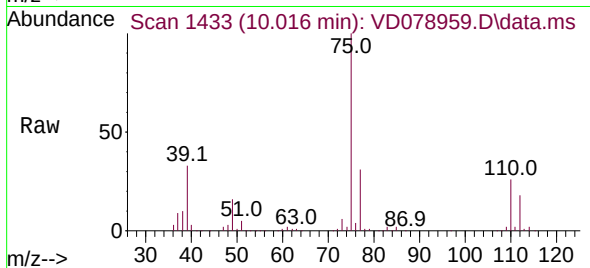




#39
cis-1,3-Dichloropropene
Concen: 53.256 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078959.D
Acq: 17 May 2024 11:00

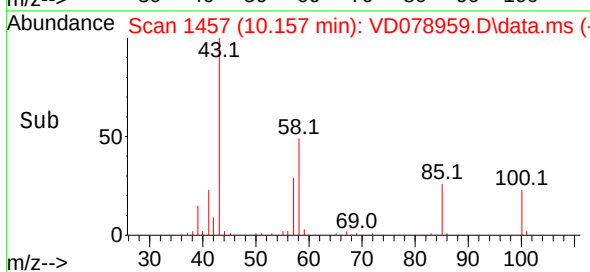
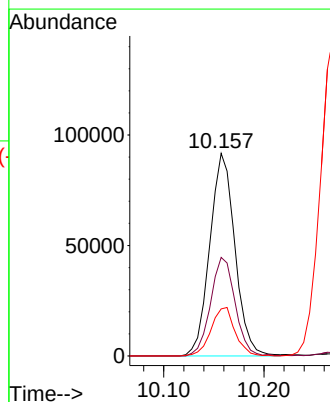
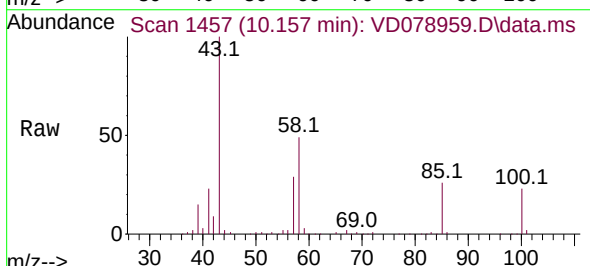
Instrument :
MSVOA_D
ClientSampleId :

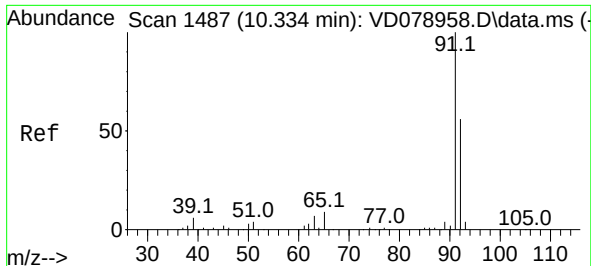
Tgt Ion: 75 Resp: 242789
Ion Ratio Lower Upper
75 100
77 30.7 20.0 37.2



#40
4-Methyl-2-pentanone
Concen: 109.051 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078959.D
Acq: 17 May 2024 11:00

Tgt Ion: 43 Resp: 160078
Ion Ratio Lower Upper
43 100
58 47.5 38.0 57.0
100 22.9 17.3 25.9





#42

Toluene

Concen: 53.202 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

Instrument :

MSVOA_D

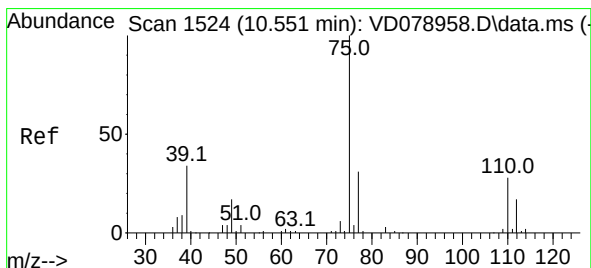
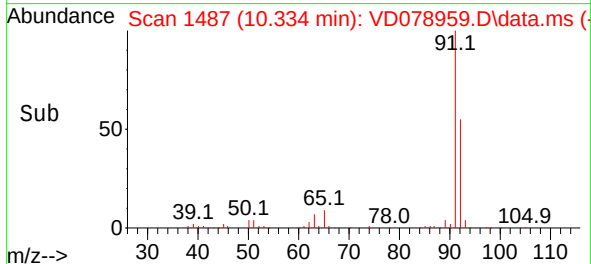
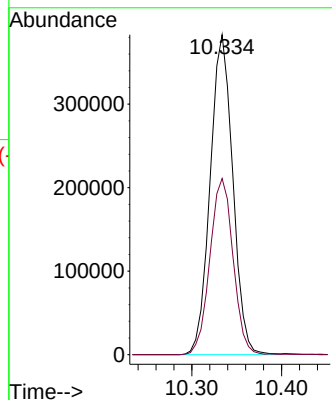
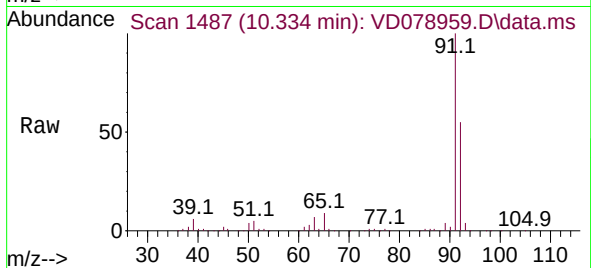
ClientSampleId :

Tgt Ion: 91 Resp: 670745

Ion Ratio Lower Upper

91 100

92 55.0 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 53.661 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD078959.D

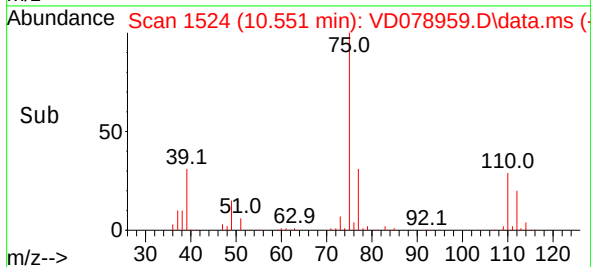
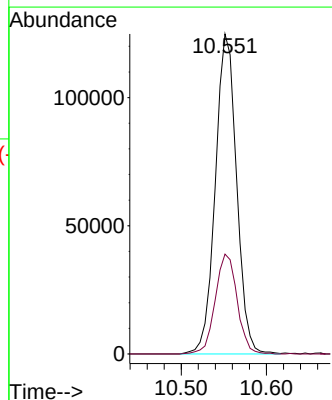
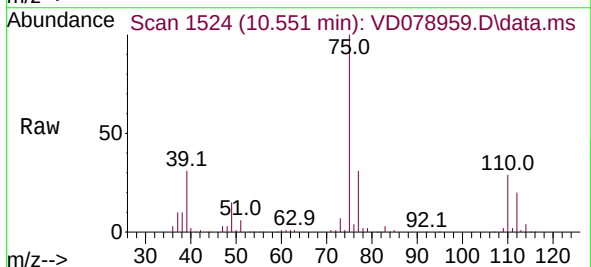
Acq: 17 May 2024 11:00

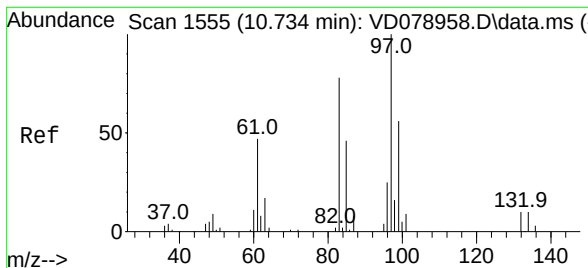
Tgt Ion: 75 Resp: 216273

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 50.825 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 135063

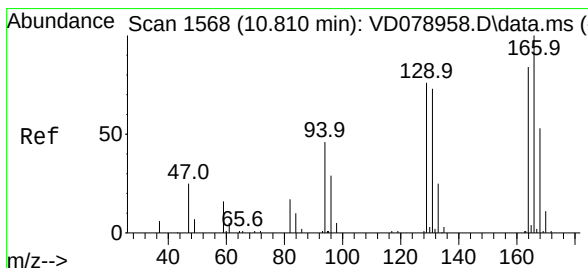
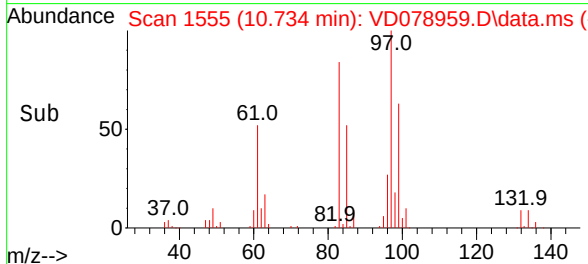
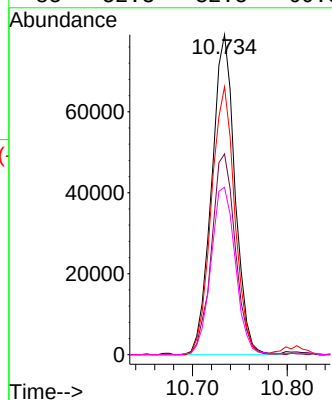
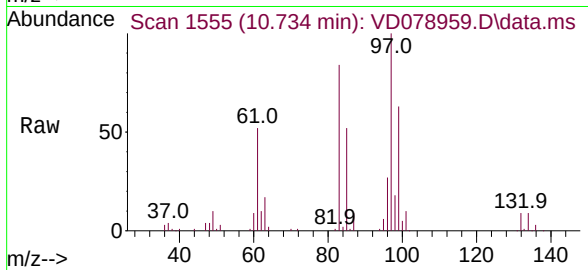
Ion Ratio Lower Upper

97 100

99 62.7 39.1 72.7

83 83.7 54.6 101.4

85 52.3 32.5 60.3



#46

Tetrachloroethene

Concen: 47.803 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

Tgt Ion:164 Resp: 121508

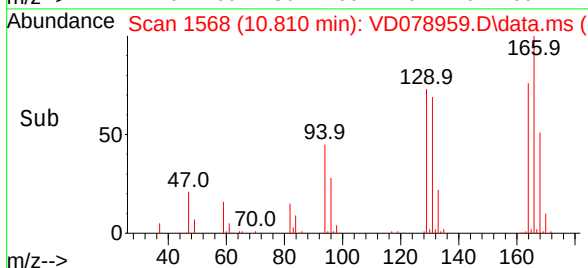
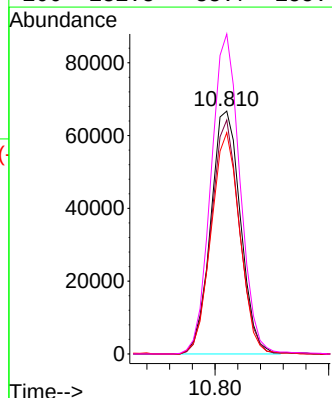
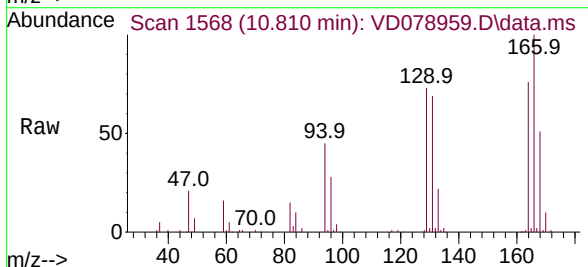
Ion Ratio Lower Upper

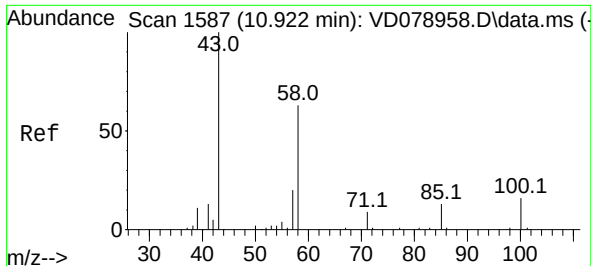
164 100

129 96.3 63.3 117.7

131 91.1 60.8 112.8

166 131.8 83.7 155.4





#48

2-Hexanone

Concen: 108.830 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

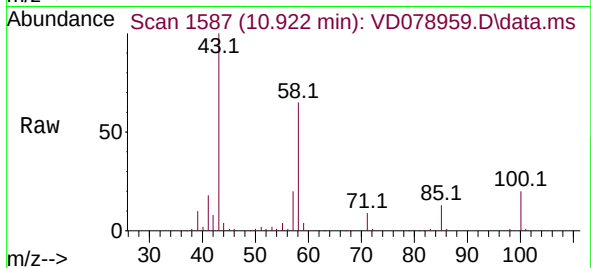
Lab File: VD078959.D

Acq: 17 May 2024 11:00

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 123843

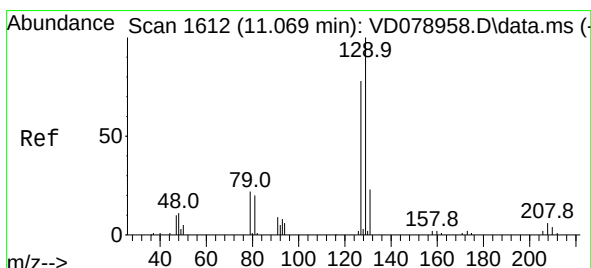
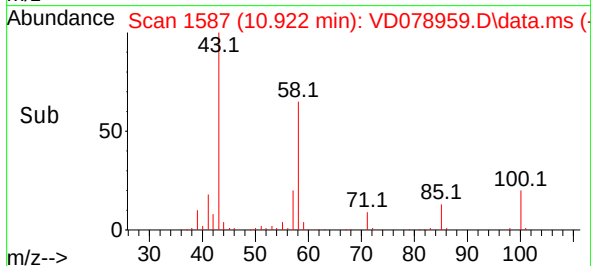
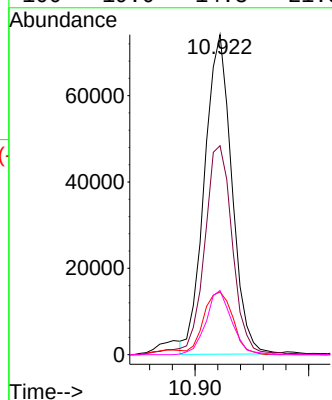
Ion Ratio Lower Upper

43 100

58 67.5 53.4 80.2

57 20.9 17.0 25.4

100 19.0 14.3 21.5



#49

Dibromochloromethane

Concen: 50.273 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. 0.006 min

Lab File: VD078959.D

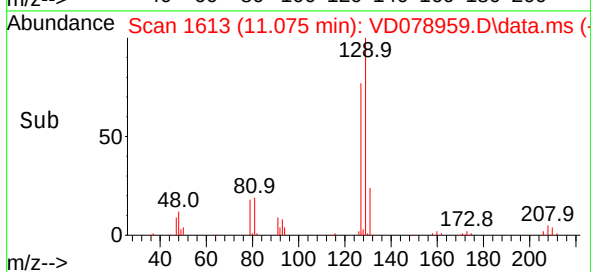
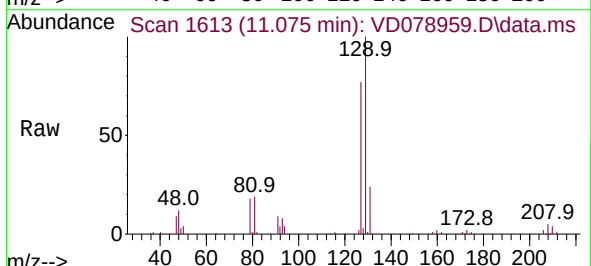
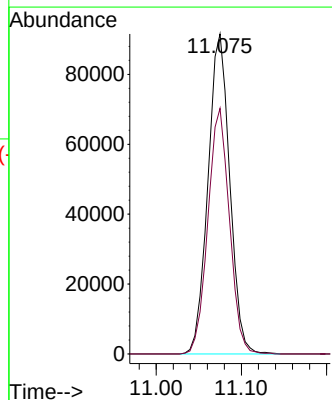
Acq: 17 May 2024 11:00

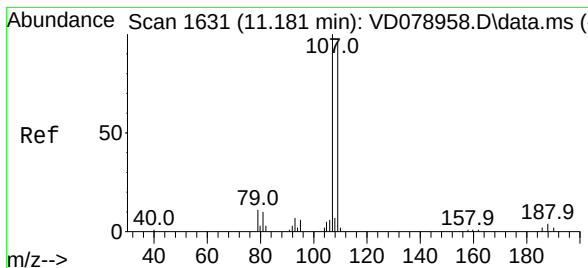
Tgt Ion:129 Resp: 162420

Ion Ratio Lower Upper

129 100

127 76.8 54.8 101.8





#50

1,2-Dibromoethane

Concen: 50.379 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

Instrument :

MSVOA_D

ClientSampleId :

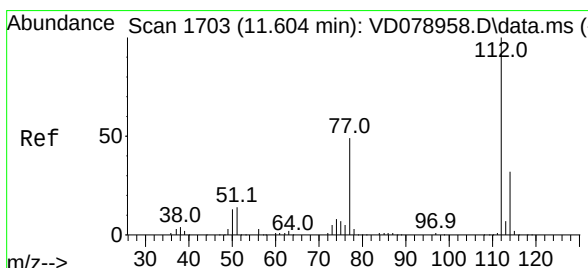
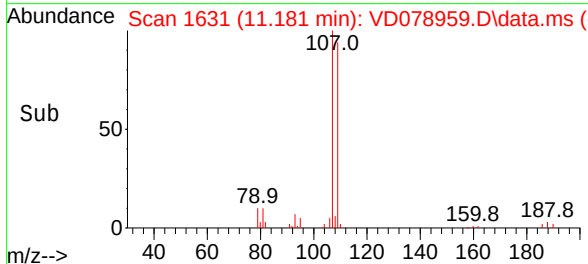
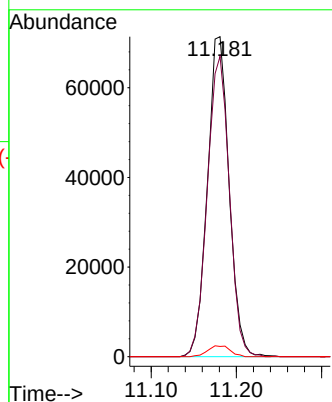
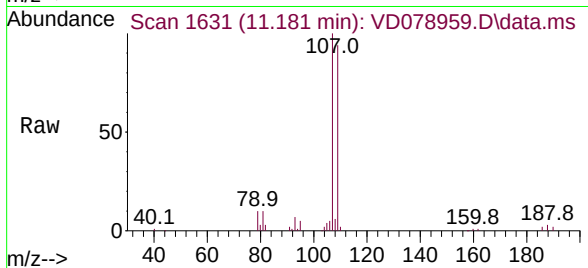
Tgt Ion:107 Resp: 126463

Ion Ratio Lower Upper

107 100

109 93.8 67.0 124.4

188 3.2 3.4 5.2#



#51

Chlorobenzene

Concen: 50.014 ug/L

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

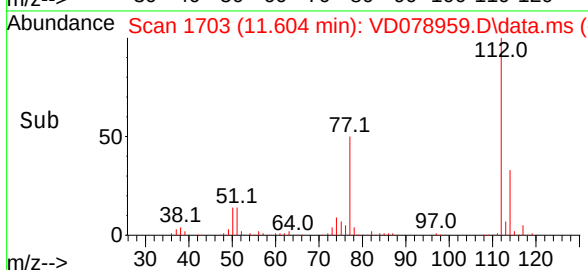
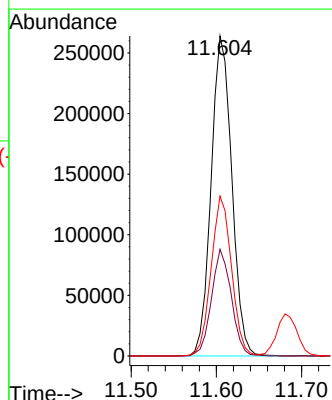
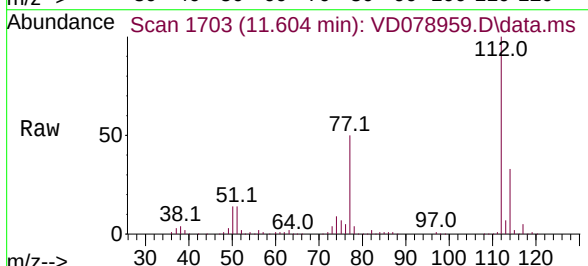
Tgt Ion:112 Resp: 445480

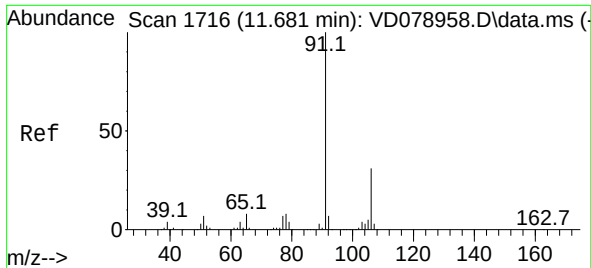
Ion Ratio Lower Upper

112 100

114 33.3 22.5 41.9

77 49.9 39.4 59.0





#52

Ethylbenzene

Concen: 53.169 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

Instrument :

MSVOA_D

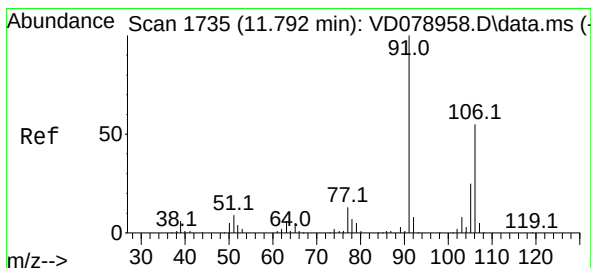
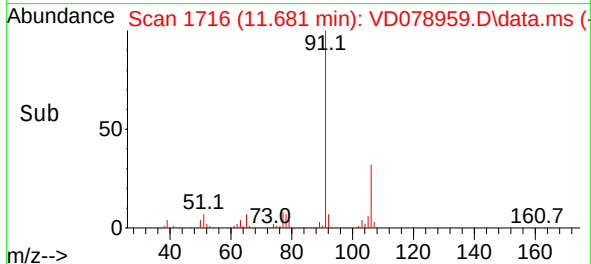
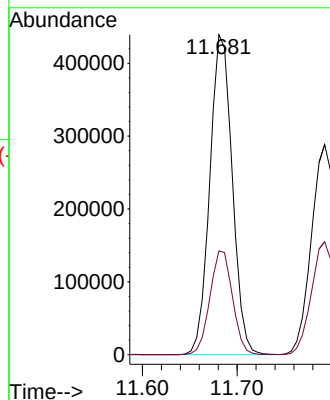
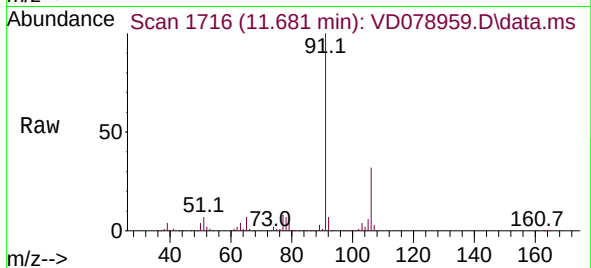
ClientSampleId :

Tgt Ion: 91 Resp: 723470

Ion Ratio Lower Upper

91 100

106 32.4 21.6 40.2



#53

m,p-Xylene

Concen: 53.229 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078959.D

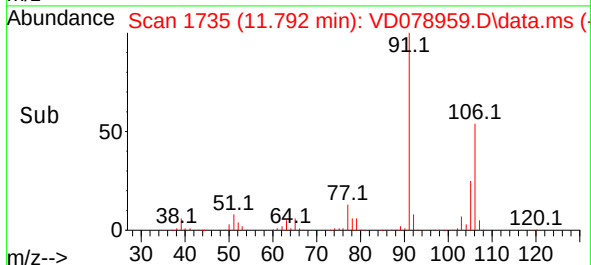
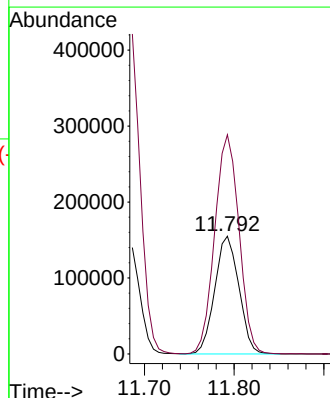
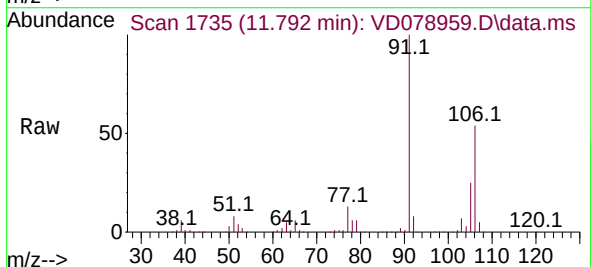
Acq: 17 May 2024 11:00

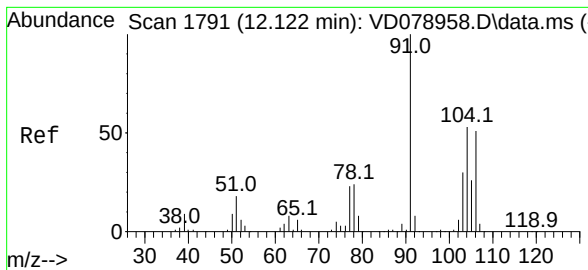
Tgt Ion:106 Resp: 289756

Ion Ratio Lower Upper

106 100

91 186.0 128.3 238.3

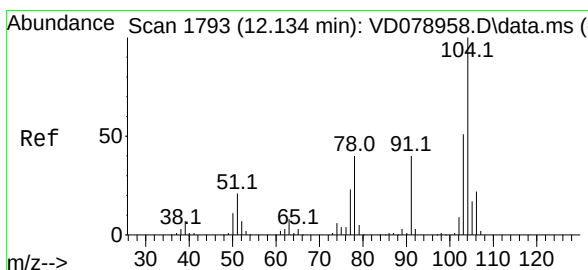
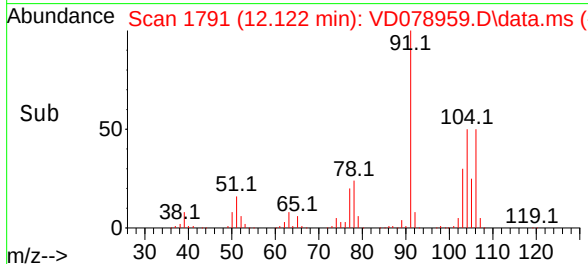
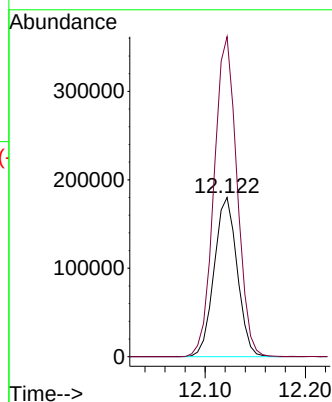
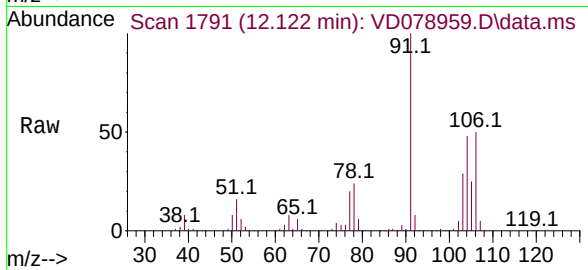




#54
o-Xylene
Concen: 54.232 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078959.D
Acq: 17 May 2024 11:00

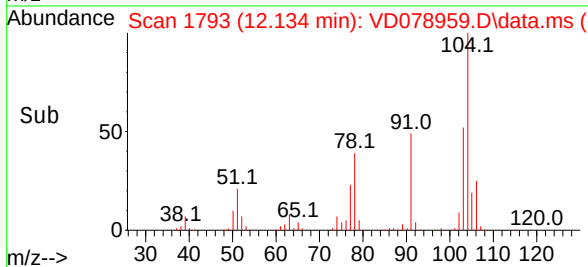
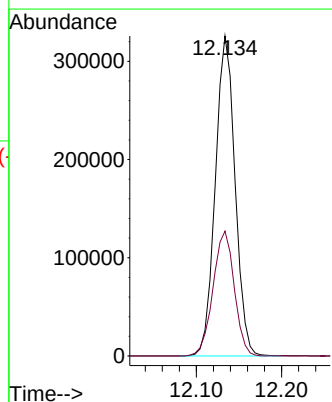
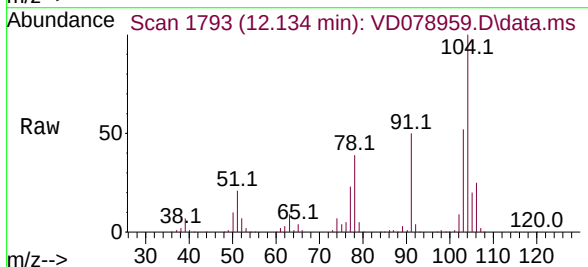
Instrument :
MSVOA_D
ClientSampleId :

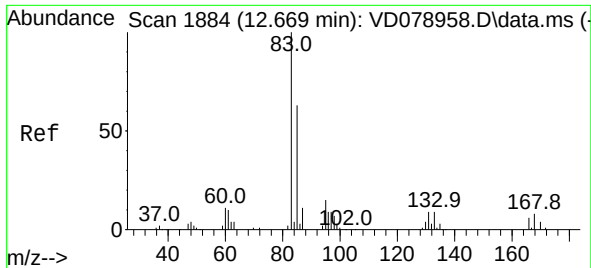
Tgt Ion:106 Resp: 287528
Ion Ratio Lower Upper
106 100
91 201.0 138.3 256.9



#55
Styrene
Concen: 55.967 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078959.D
Acq: 17 May 2024 11:00

Tgt Ion:104 Resp: 524360
Ion Ratio Lower Upper
104 100
78 39.0 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 51.088 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

Instrument :

MSVOA_D

ClientSampleId :

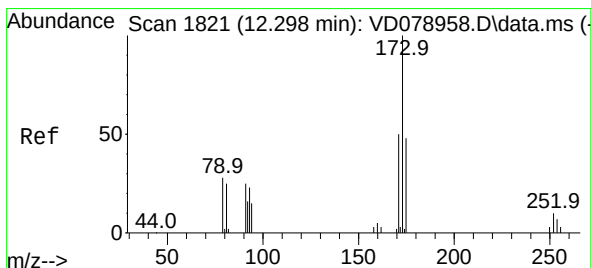
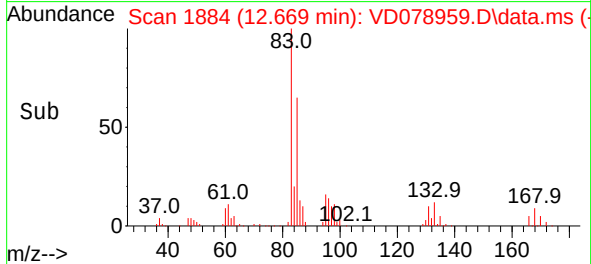
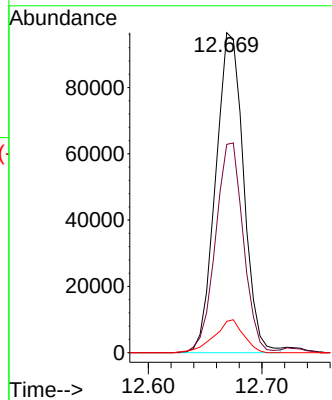
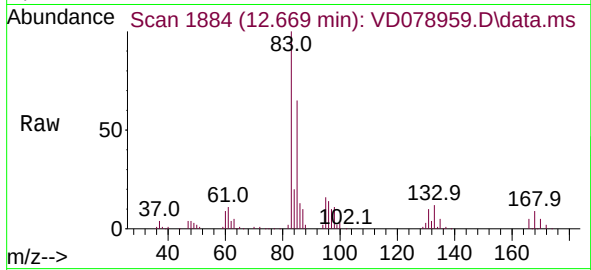
Tgt Ion: 83 Resp: 164661

Ion Ratio Lower Upper

83 100

85 65.1 44.3 82.3

131 9.8 7.5 11.3



#59

Bromoform

Concen: 48.093 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

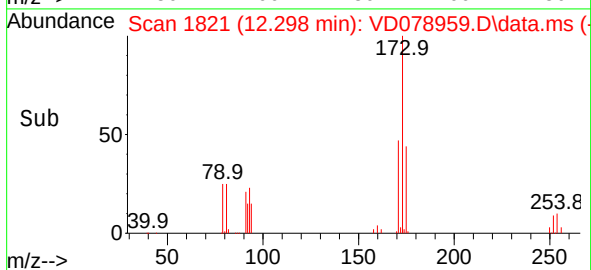
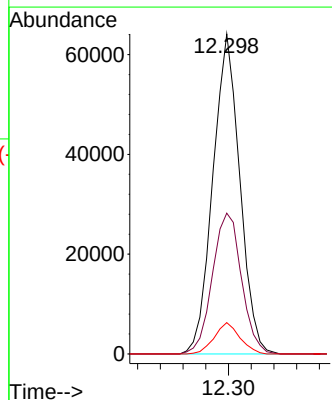
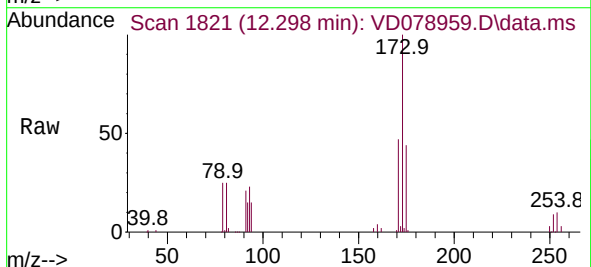
Tgt Ion:173 Resp: 105609

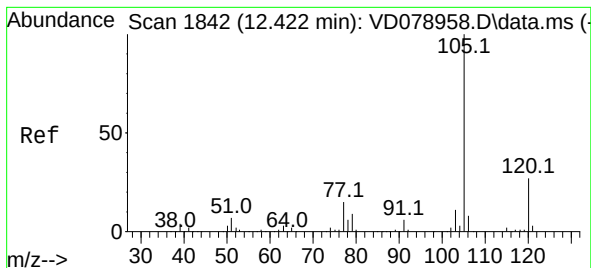
Ion Ratio Lower Upper

173 100

175 47.5 40.0 60.0

254 9.3 6.3 9.5





#60

Isopropylbenzene

Concen: 53.201 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

Instrument :

MSVOA_D

ClientSampleId :

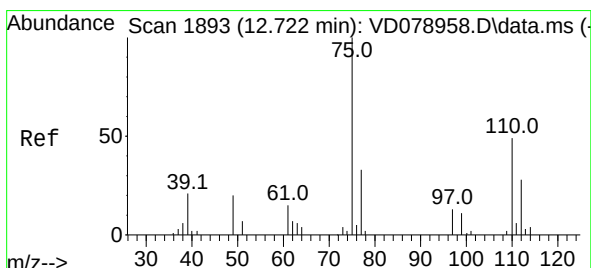
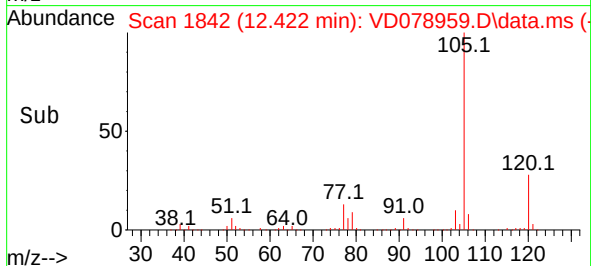
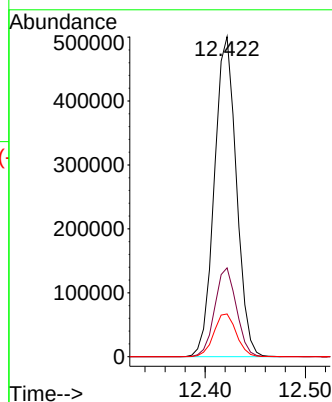
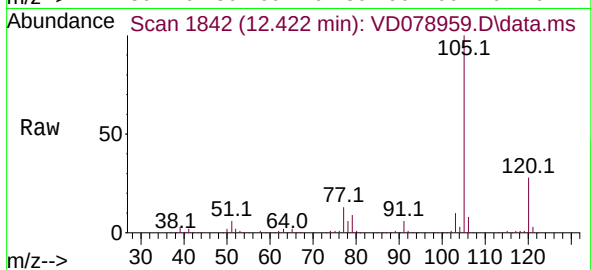
Tgt Ion:105 Resp: 763128

Ion Ratio Lower Upper

105 100

120 27.4 21.8 32.8

77 13.7 11.7 17.5



#61

1,2,3-Trichloropropane

Concen: 47.360 ug/L

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

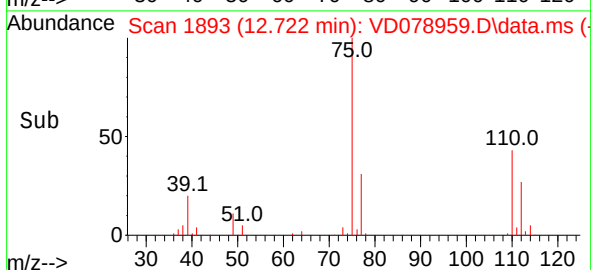
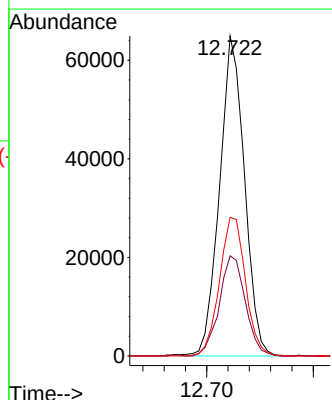
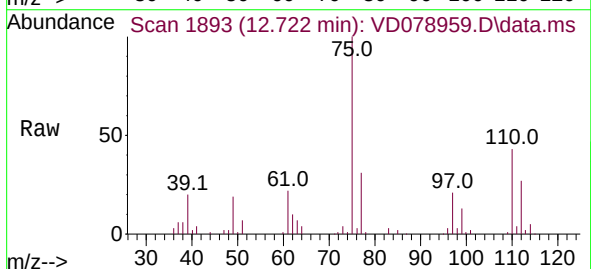
Tgt Ion: 75 Resp: 105329

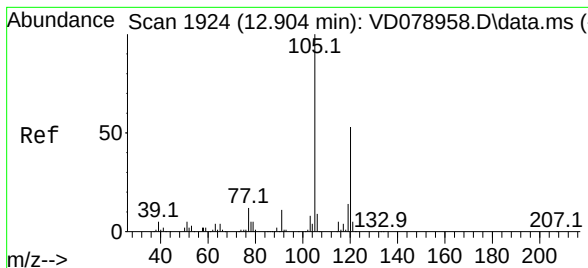
Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

110 45.2 37.1 55.7

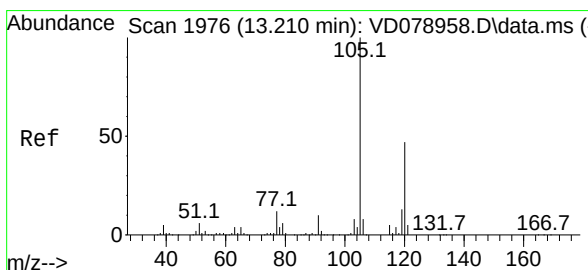
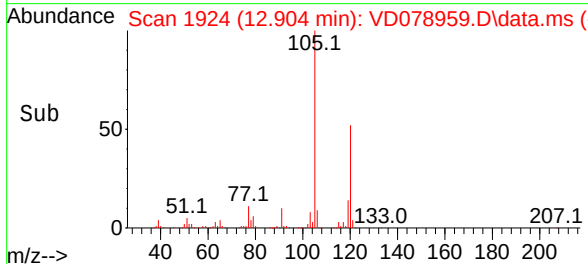
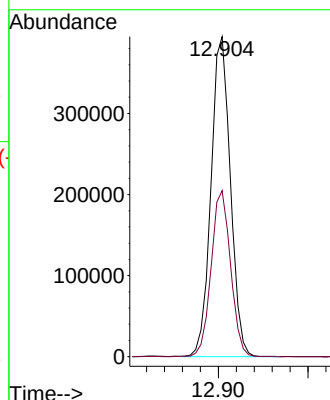
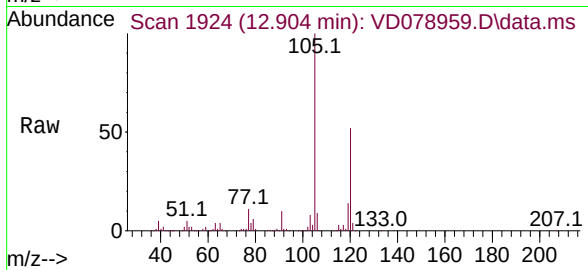




#62
1,3,5-Trimethylbenzene
Concen: 55.792 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078959.D
Acq: 17 May 2024 11:00

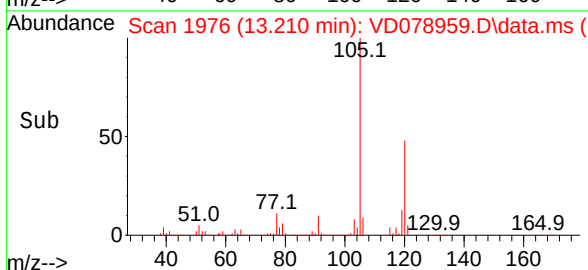
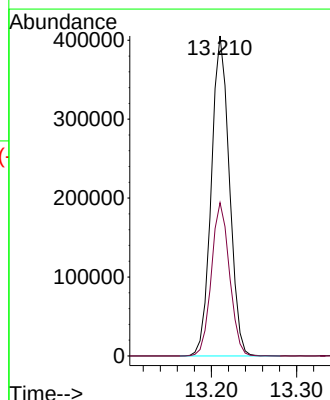
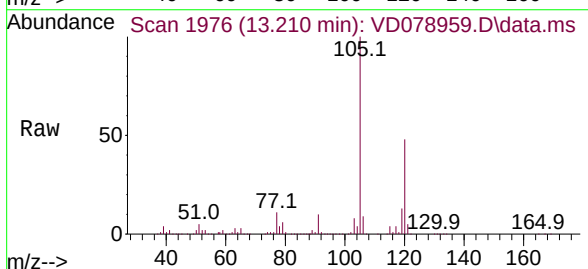
Instrument :
MSVOA_D
ClientSampleId :

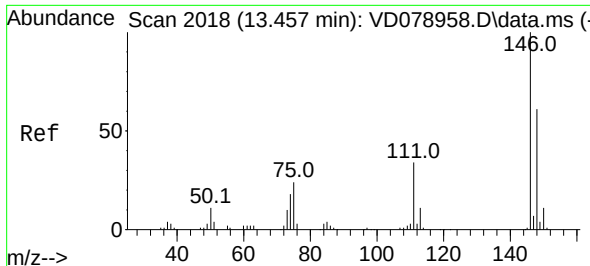
Tgt Ion:105 Resp: 591553
Ion Ratio Lower Upper
105 100
120 51.9 41.9 62.9



#63
1,2,4-Trimethylbenzene
Concen: 55.416 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078959.D
Acq: 17 May 2024 11:00

Tgt Ion:105 Resp: 597049
Ion Ratio Lower Upper
105 100
120 47.8 38.8 58.2





#64

1,3-Dichlorobenzene

Concen: 50.253 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

Instrument :

MSVOA_D

ClientSampleId :

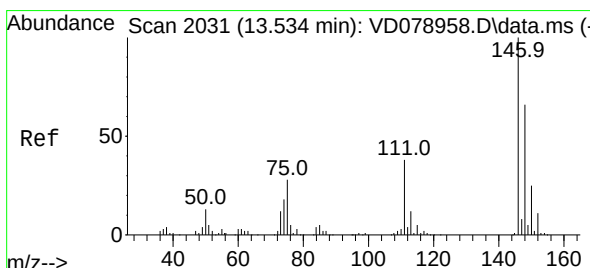
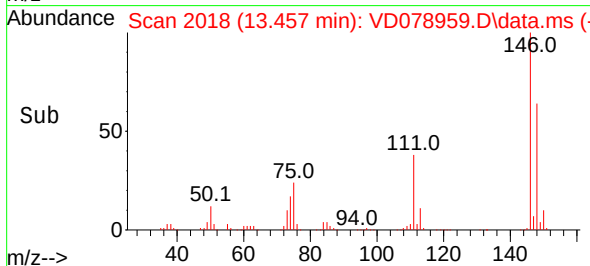
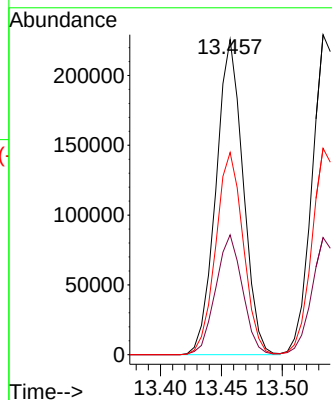
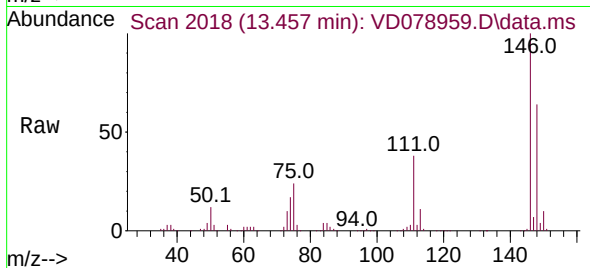
Tgt Ion:146 Resp: 350092

Ion Ratio Lower Upper

146 100

111 38.0 24.0 44.6

148 64.2 42.9 79.7



#65

1,4-Dichlorobenzene

Concen: 48.785 ug/L

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

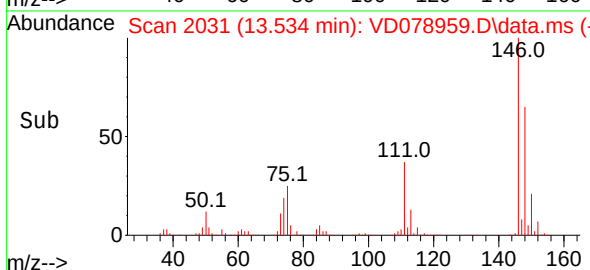
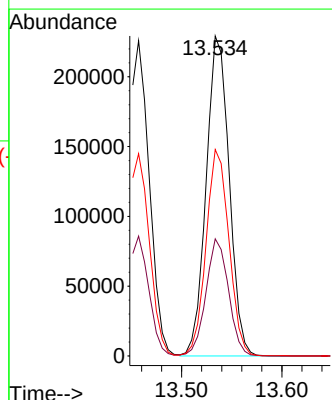
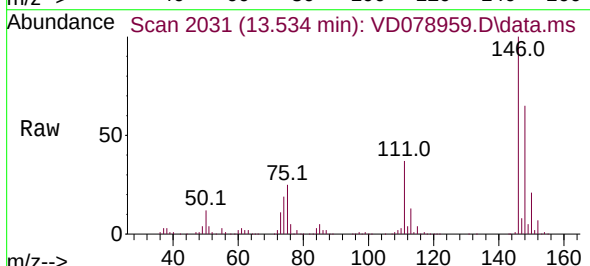
Tgt Ion:146 Resp: 366413

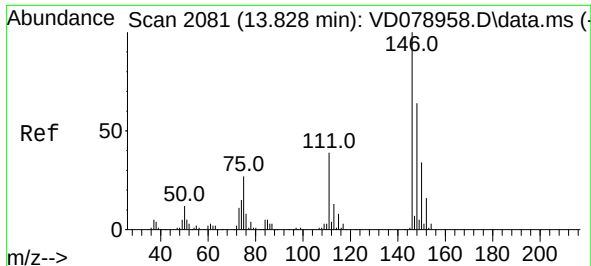
Ion Ratio Lower Upper

146 100

111 36.6 26.9 50.1

148 64.5 46.4 86.2





#67

1,2-Dichlorobenzene

Concen: 50.495 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

Instrument :

MSVOA_D

ClientSampleId :

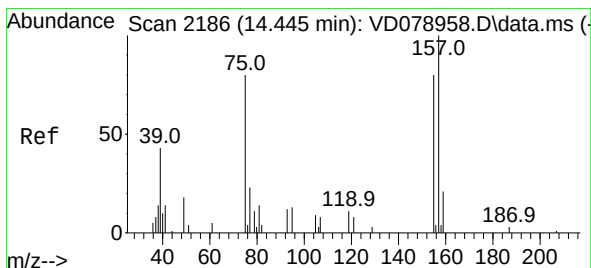
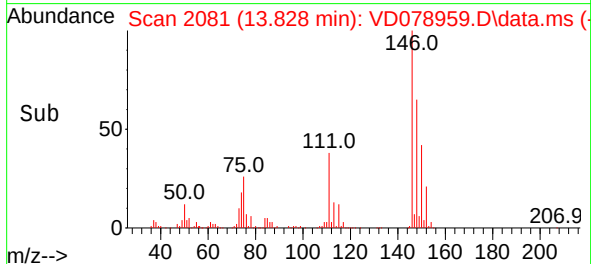
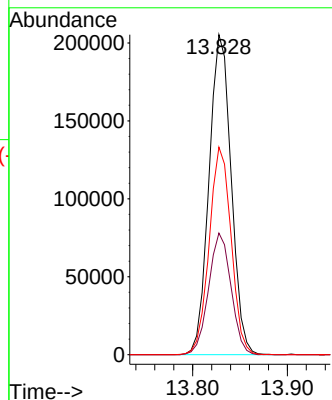
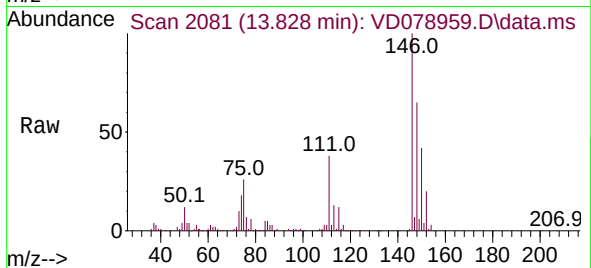
Tgt Ion:146 Resp: 332944

Ion Ratio Lower Upper

146 100

111 38.0 30.9 46.3

148 64.8 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 48.551 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

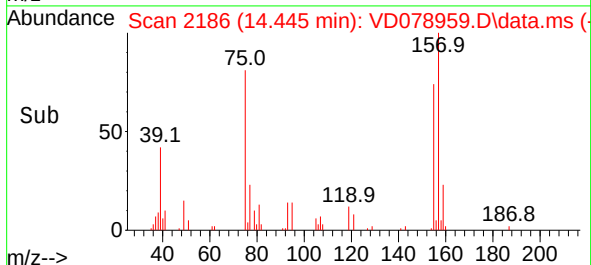
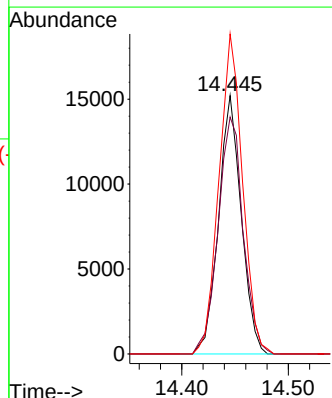
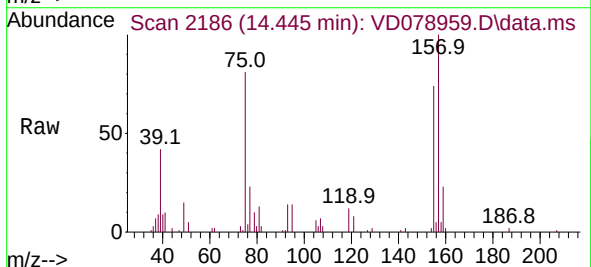
Tgt Ion: 75 Resp: 22493

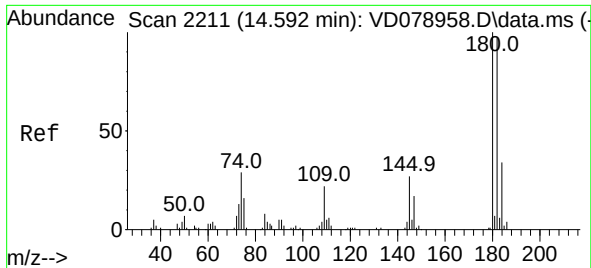
Ion Ratio Lower Upper

75 100

155 91.7 79.8 119.6

157 123.8 99.9 149.9





#69

1,3,5-Trichlorobenzene

Concen: 49.988 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

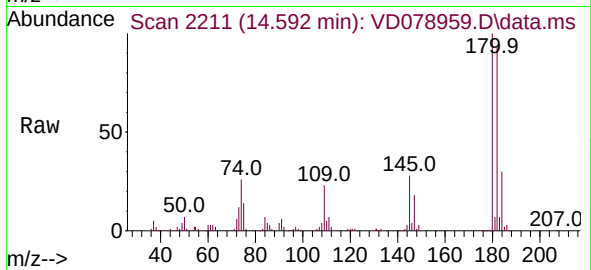
Lab File: VD078959.D

Acq: 17 May 2024 11:00

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 226173

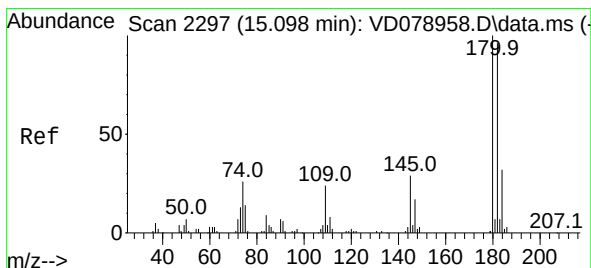
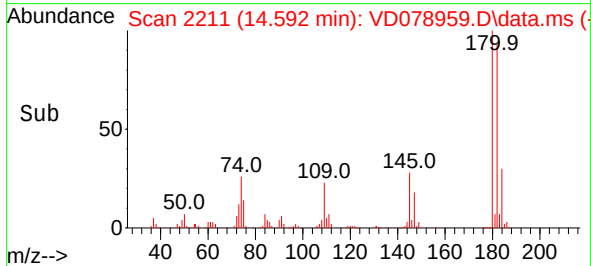
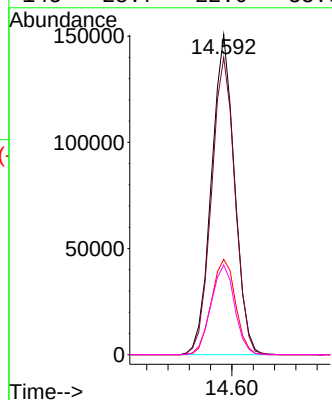
Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.2

184 31.1 24.9 37.3

145 28.7 22.0 33.0



#70

1,2,4-trichlorobenzene

Concen: 50.369 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078959.D

Acq: 17 May 2024 11:00

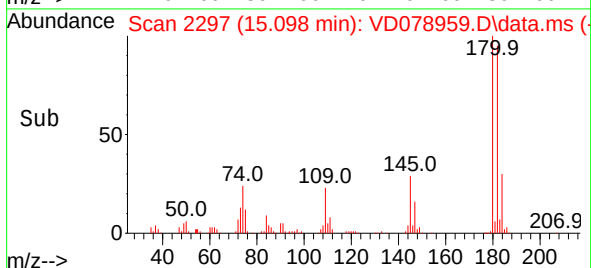
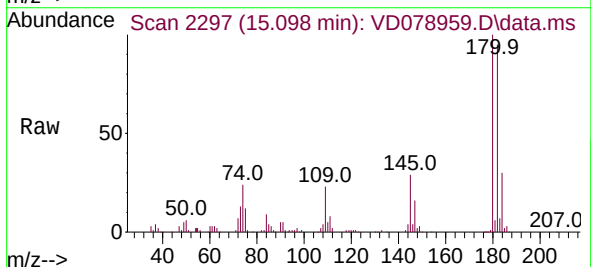
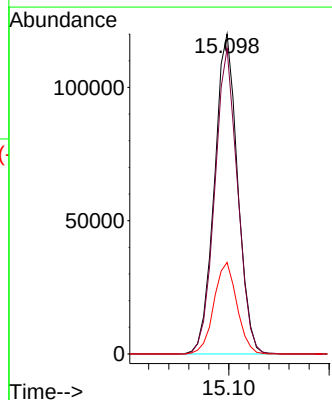
Tgt Ion:180 Resp: 192929

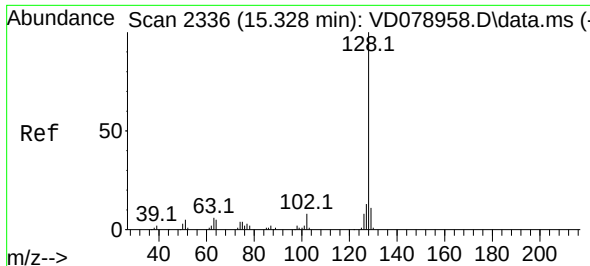
Ion Ratio Lower Upper

180 100

182 93.6 76.4 114.6

145 28.3 22.8 34.2



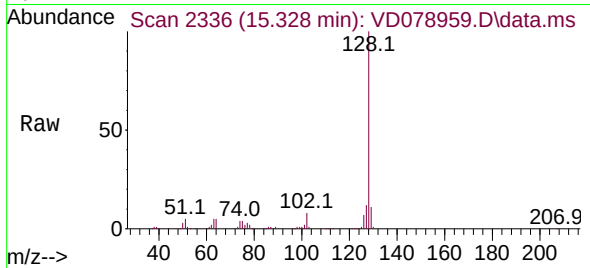


#71
Naphthalene
Concen: 53.915 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD078959.D
Acq: 17 May 2024 11:00

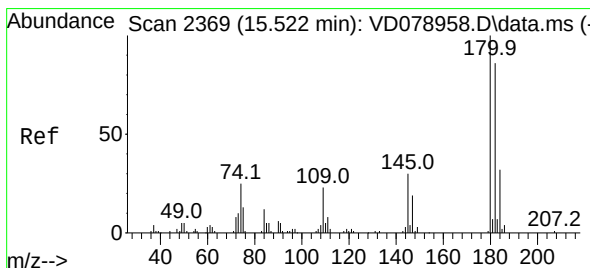
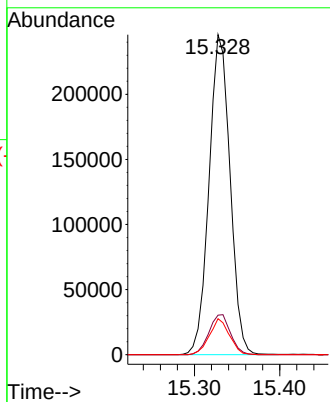
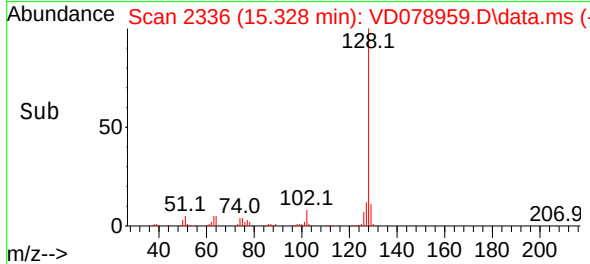
Instrument :

MSVOA_D

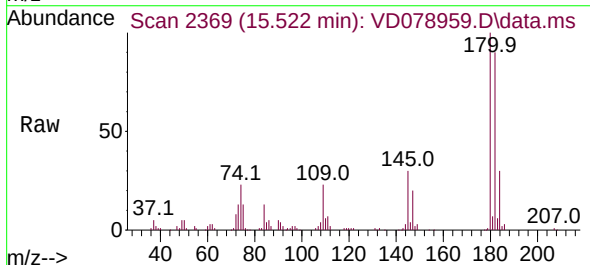
ClientSampleId :



Tgt Ion:128 Resp: 421343
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 49.554 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078959.D
Acq: 17 May 2024 11:00



Tgt Ion:180 Resp: 177411
Ion Ratio Lower Upper
180 100
182 94.8 77.2 115.8
145 30.5 24.4 36.6

