

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051724\
 Data File : VD078957.D
 Acq On : 17 May 2024 10:06
 Operator : RP/MD
 Sample : VSTD005
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 00:35:10 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	144072	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	150924	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	75716	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	18974	5.372	ug/L	0.00
7) Chloroethane-d5	2.805	69	20821	5.507	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	3339	4.913	ug/L	0.00
21) 2-Butanone-d5	6.987	46	4800	9.602	ug/L	0.00
24) Chloroform-d	7.563	84	23287	5.430	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	10701	5.254	ug/L	0.00
32) Benzene-d6	8.199	84	41133	5.341	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.204	67	12773	5.444	ug/L	0.00
41) Toluene-d8	10.269	98	37494	5.282	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	6161	5.700	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	4367	9.286	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	13762	5.156	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	14346	5.582	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	15733	5.458	ug/L	100
3) Chloromethane	2.146	50	19746	5.583	ug/L	89
5) Vinyl chloride	2.281	62	31110	5.376	ug/L	97
6) Bromomethane	2.687	94	20778	5.021	ug/L	86
8) Chloroethane	2.834	64	24195	5.413	ug/L	100
9) Trichlorofluoromethane	3.169	101	22615	5.011	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	13846	4.888	ug/L #	84
12) 1,1-Dichloroethene	3.946	96	11977	4.808	ug/L #	64
13) Acetone	4.034	43	2240	3.627	ug/L	49
14) Carbon disulfide	4.269	76	41192	5.706	ug/L	100
15) Methyl Acetate	4.564	43	4570	4.484	ug/L #	70
16) Methylene chloride	4.805	84	17479	5.122	ug/L	96
17) trans-1,2-Dichloroethene	5.299	96	5292	2.086	ug/L	92
18) Methyl tert-butyl Ether	5.322	73	10667	1.972	ug/L #	84
19) 1,1-Dichloroethane	6.111	63	20888	4.903	ug/L	91
20) cis-1,2-Dichloroethene	7.087	96	13324	4.605	ug/L	89
22) 2-Butanone	7.081	43	5715	8.231	ug/L	71
23) Bromochloromethane	7.428	128	6737	4.660	ug/L	89
25) Chloroform	7.599	83	24686	4.821	ug/L	92
27) 1,2-Dichloroethane	8.328	62	13985	4.715	ug/L	96
29) Cyclohexane	7.875	56	12802	4.413	ug/L	89
30) 1,1,1-Trichloroethane	7.787	97	19518	4.674	ug/L	97
31) Carbon tetrachloride	7.987	117	18296	4.759	ug/L	96
33) Benzene	8.252	78	48650	4.703	ug/L	100
34) Trichloroethene	9.028	95	12704	4.767	ug/L	91
35) Methylcyclohexane	9.269	83	17815	4.446	ug/L	98
37) 1,2-Dichloropropane	9.304	63	12735	4.857	ug/L #	88
38) Bromodichloromethane	9.581	83	17780	4.796	ug/L #	93
39) cis-1,3-Dichloropropene	10.016	75	17711	4.306	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	10495	7.925	ug/L	97
42) Toluene	10.328	91	49728	4.372	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	15400	4.235	ug/L	100

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 Data File : VD078957.D
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 Operator : RP/MD
 Sample : VSTD005
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 00:35:10 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)

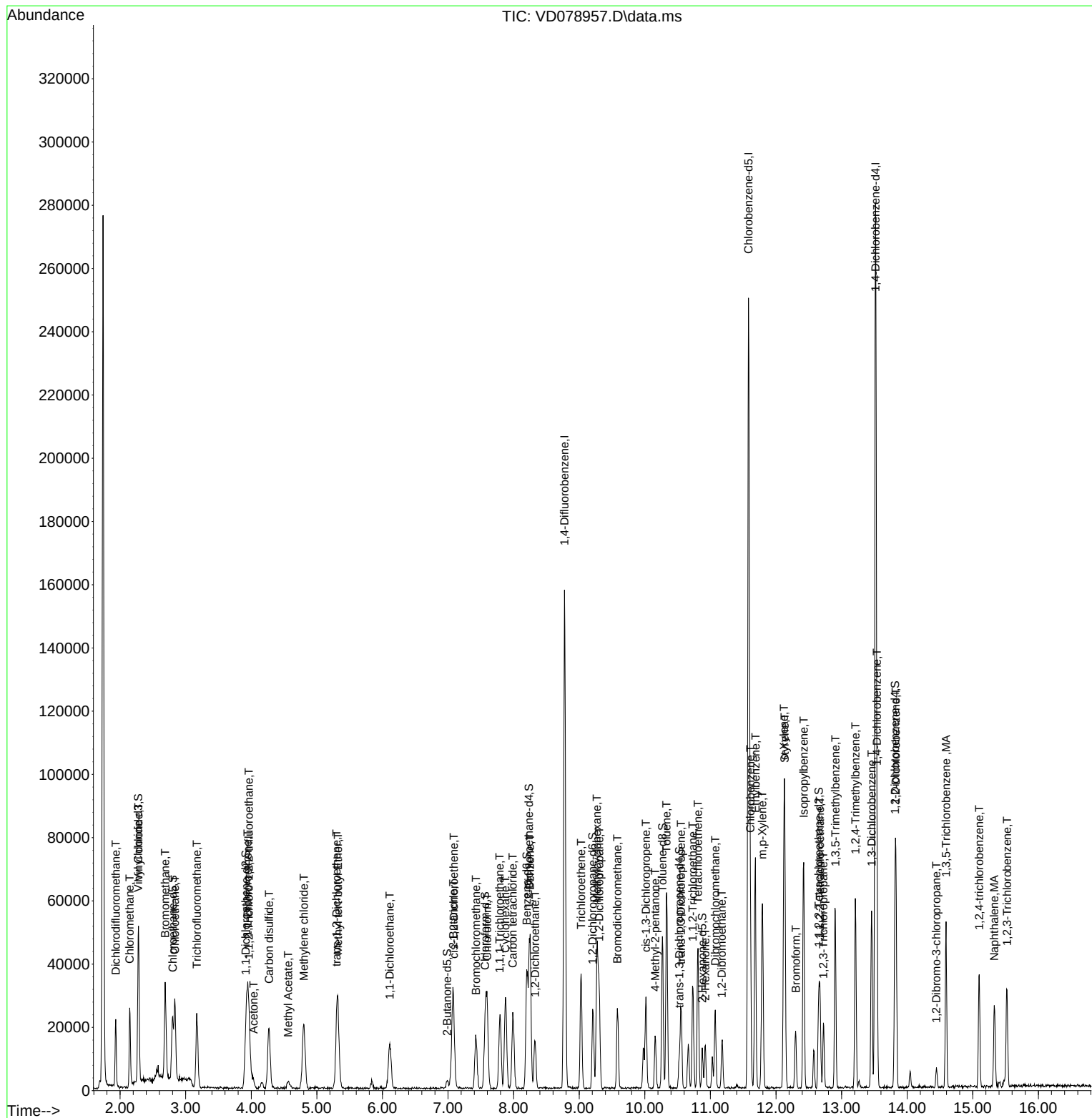
45) 1,1,2-Trichloroethane	10.728	97	11257	4.696	ug/L	98
46) Tetrachloroethene	10.810	164	10873	4.742	ug/L	92
48) 2-Hexanone	10.922	43	8374	8.157	ug/L	96
49) Dibromochloromethane	11.075	129	13103	4.496	ug/L	97
50) 1,2-Dibromoethane	11.175	107	10765	4.754	ug/L	87
51) Chlorobenzene	11.610	112	37129	4.621	ug/L	97
52) Ethylbenzene	11.687	91	51218	4.172	ug/L	92
53) m,p-Xylene	11.793	106	21210	4.319	ug/L	98
54) o-Xylene	12.122	106	18716	3.913	ug/L	98
55) Styrene	12.134	104	32639	3.862	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.669	83	13633	4.689	ug/L	97
59) Bromoform	12.304	173	8098	4.726	ug/L	98
60) Isopropylbenzene	12.422	105	48105	4.297	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	8582	4.945	ug/L	95
62) 1,3,5-Trimethylbenzene	12.904	105	32218	3.894	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	33641	4.001	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	24572	4.520	ug/L	92
65) 1,4-Dichlorobenzene	13.540	146	28203	4.812	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	22532	4.379	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.445	75	1961	5.424	ug/L #	65
69) 1,3,5-Trichlorobenzene	14.592	180	15976	4.525	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	12847	4.298	ug/L	95
71) Naphthalene	15.328	128	24478	4.014	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	12210	4.370	ug/L	95

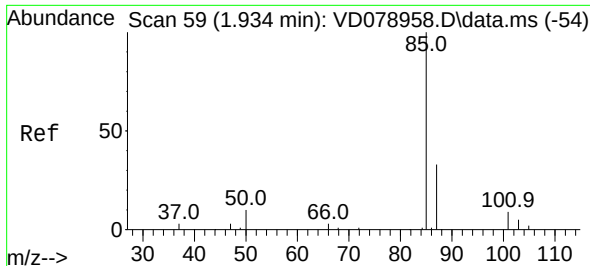
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051724\
Data File : VD078957.D
Acq On : 17 May 2024 10:06
Operator : RP/MD
Sample : VSTD005
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 18 00:35:10 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

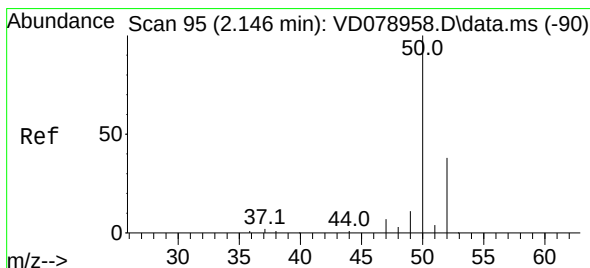
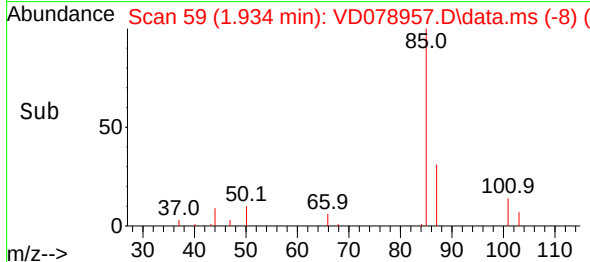
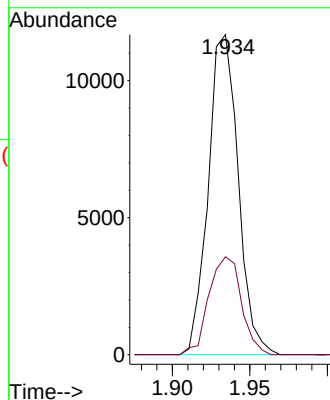
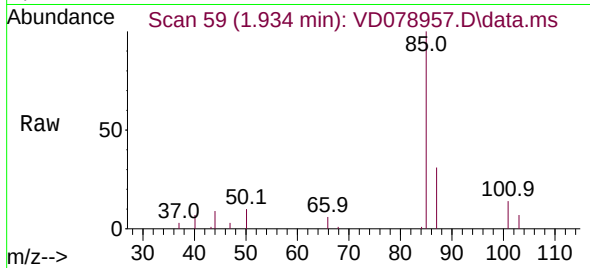




#2
 Dichlorodifluoromethane
 Concen: 5.458 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD078957.D
 Acq: 17 May 2024 10:06

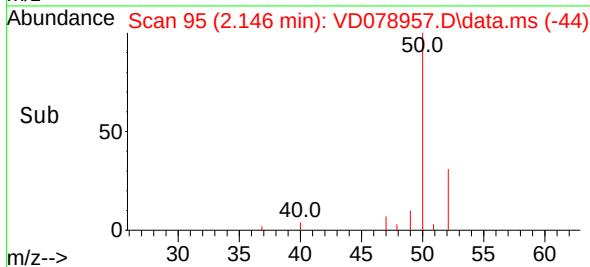
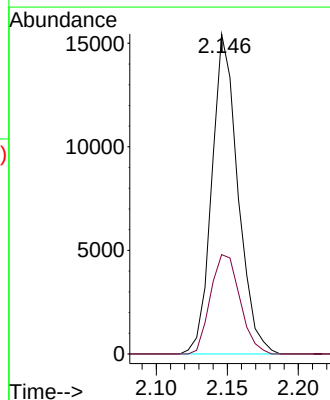
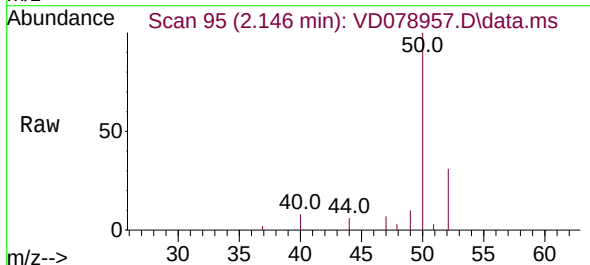
Instrument :
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 ClientSampleId :

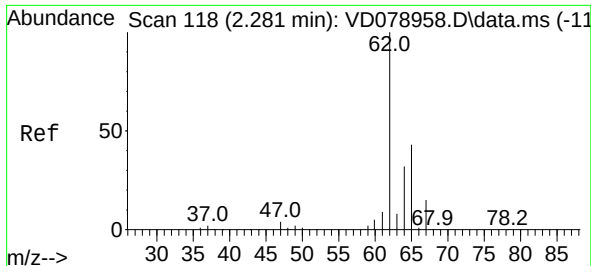
Tgt Ion: 85 Resp: 15733
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.3 39.5



#3
 Chloromethane
 Concen: 5.583 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD078957.D
 Acq: 17 May 2024 10:06

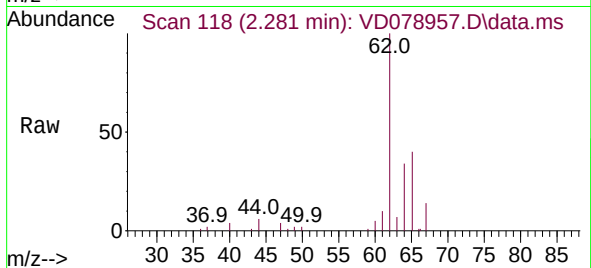
Tgt Ion: 50 Resp: 19746
 Ion Ratio Lower Upper
 50 100
 52 31.0 26.5 49.3



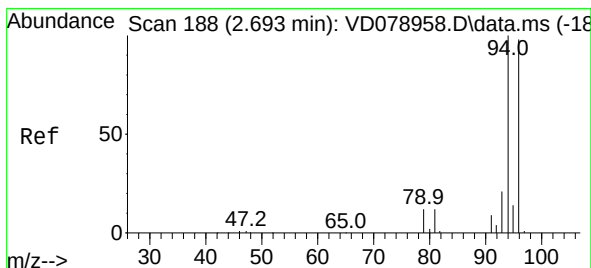
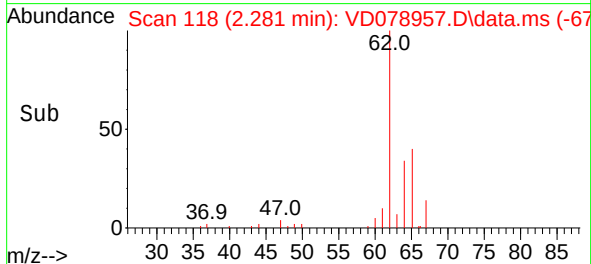
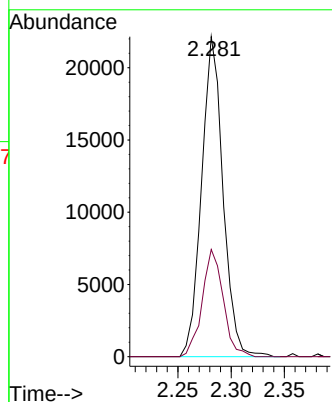


#5
 Vinyl chloride
 Concen: 5.376 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD078957.D
 Acq: 17 May 2024 10:06

Instrument :
 MSVOA_D
 ClientSampleId :

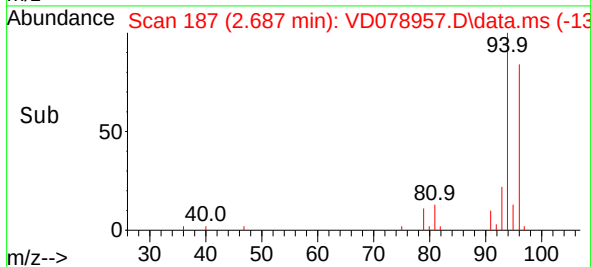
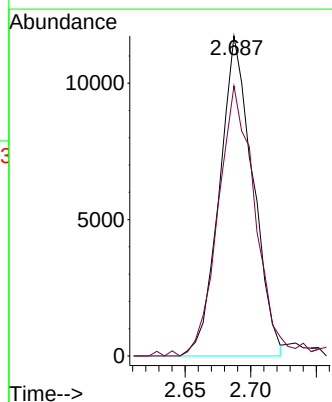
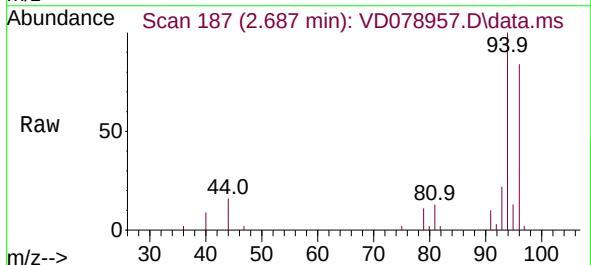


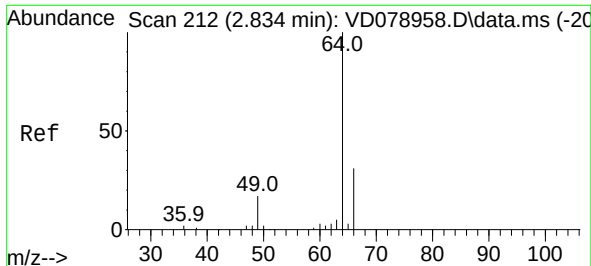
Tgt Ion: 62 Resp: 31110
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.3 41.3



#6
 Bromomethane
 Concen: 5.021 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD078957.D
 Acq: 17 May 2024 10:06

Tgt Ion: 94 Resp: 20778
 Ion Ratio Lower Upper
 94 100
 96 84.4 69.0 128.1

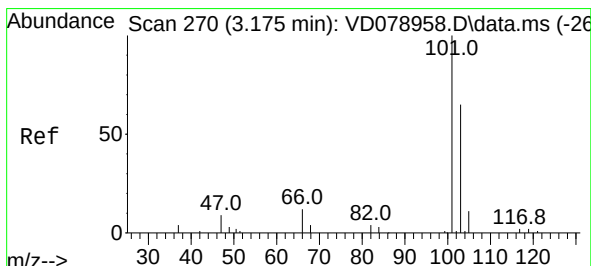
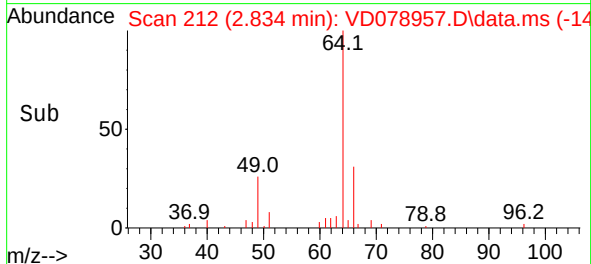
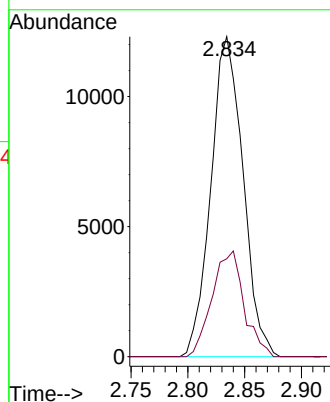
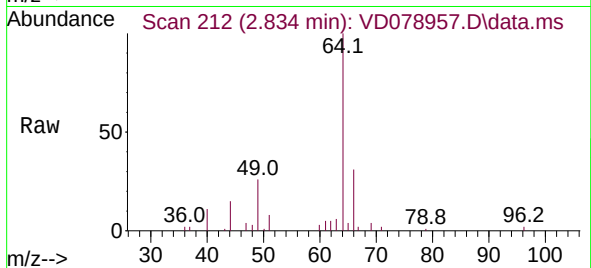




#8
Chloroethane
Concen: 5.413 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078957.D
Acq: 17 May 2024 10:06

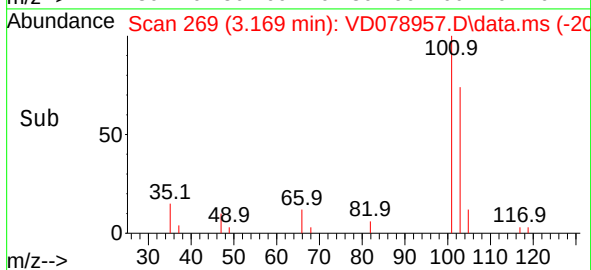
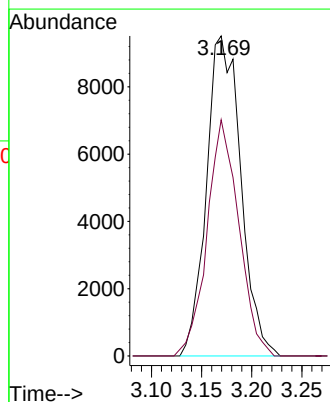
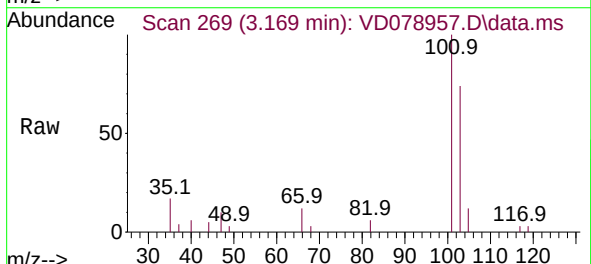
Instrument :
MSVOA_D
ClientSampleId :

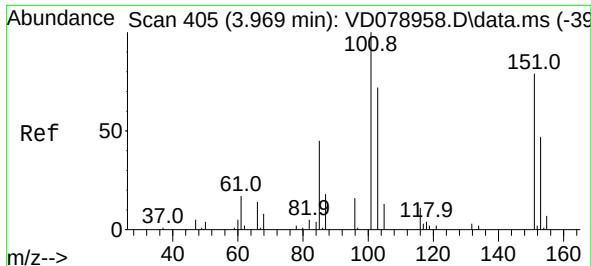
Tgt Ion: 64 Resp: 24195
Ion Ratio Lower Upper
64 100
66 30.6 21.5 39.9



#9
Trichlorofluoromethane
Concen: 5.011 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD078957.D
Acq: 17 May 2024 10:06

Tgt Ion:101 Resp: 22615
Ion Ratio Lower Upper
101 100
103 68.3 51.9 77.9

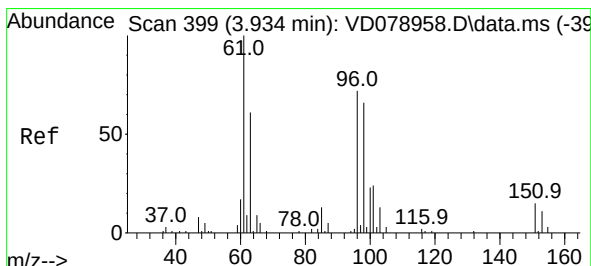
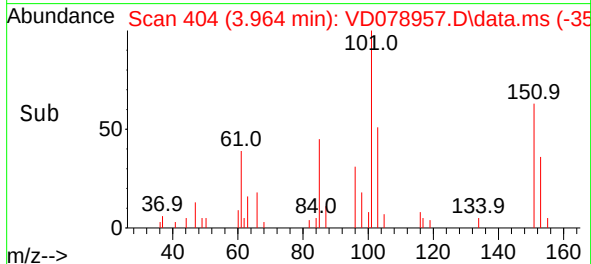
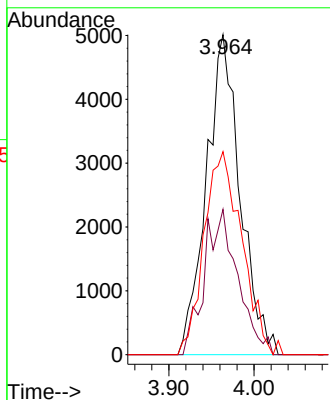
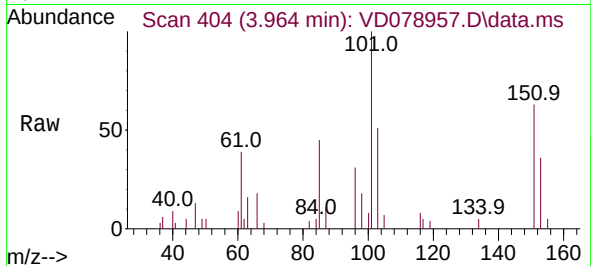




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.888 ug/L
 RT: 3.964 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VD078957.D
 Acq: 17 May 2024 10:06

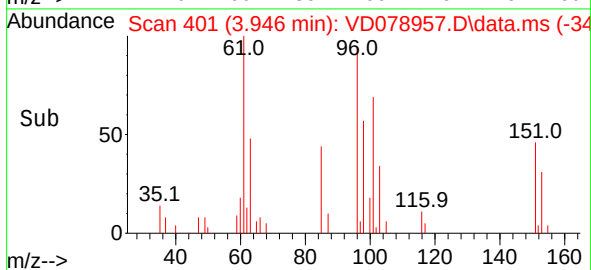
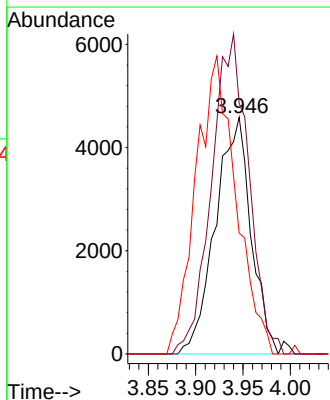
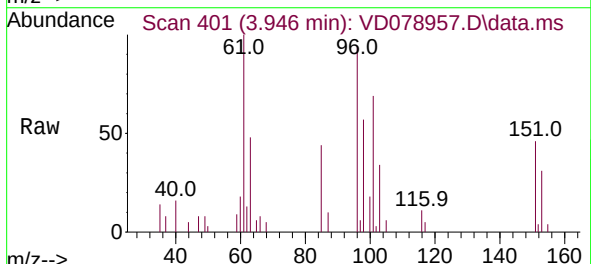
Instrument :
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 ClientSampleId :

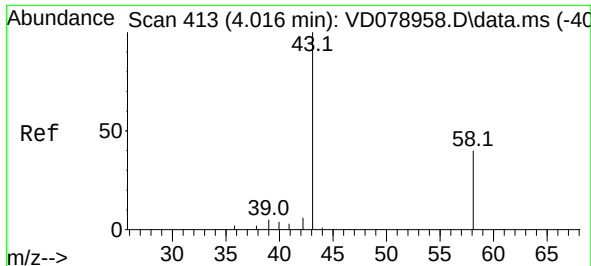
Tgt Ion:101 Resp: 13846
 Ion Ratio Lower Upper
 101 100
 85 28.1 36.2 54.2#
 151 70.3 62.9 94.3



#12
 1,1-Dichloroethene
 Concen: 4.808 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. 0.012 min
 Lab File: VD078957.D
 Acq: 17 May 2024 10:06

Tgt Ion: 96 Resp: 11977
 Ion Ratio Lower Upper
 96 100
 61 106.0 98.6 183.0
 63 51.2 68.3 126.8#





#13

Acetone

Concen: 3.627 ug/L

RT: 4.034 min Scan# 41

Delta R.T. 0.018 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

Instrument :

MSVOA_D

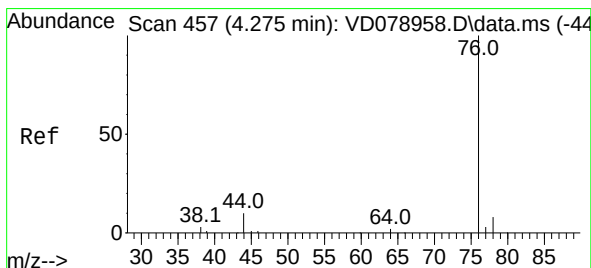
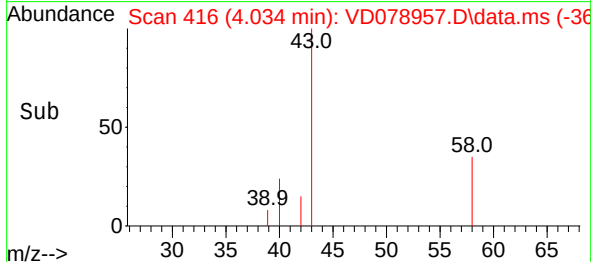
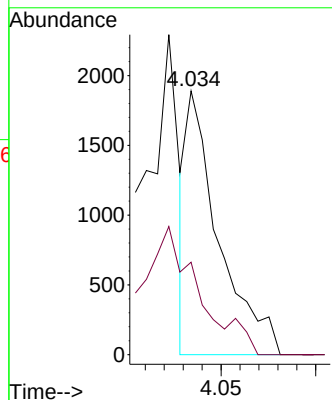
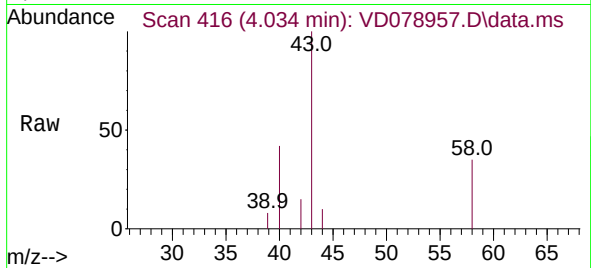
ClientSampleId :

Tgt Ion: 43 Resp: 2240

Ion Ratio Lower Upper

43 100

58 6.7 0.0 75.0



#14

Carbon disulfide

Concen: 5.706 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD078957.D

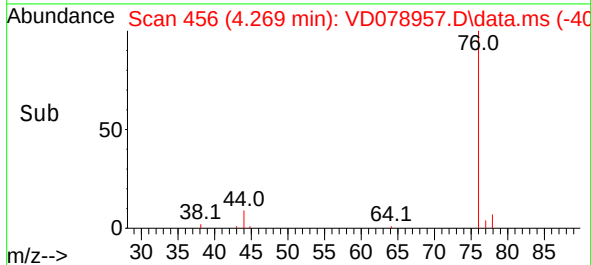
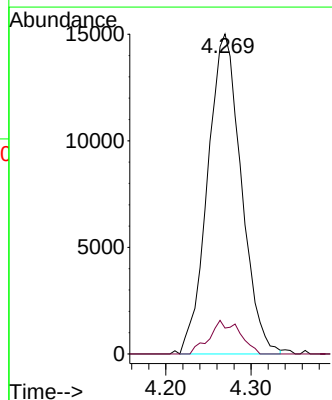
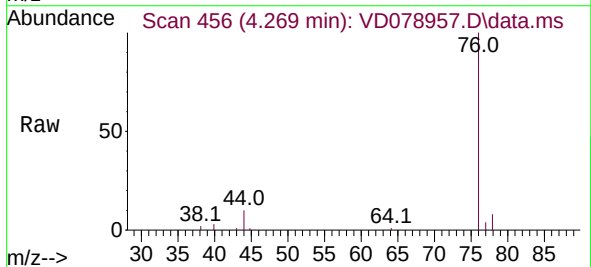
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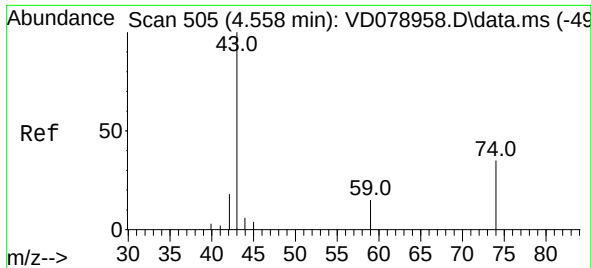
Tgt Ion: 76 Resp: 41192

Ion Ratio Lower Upper

76 100

78 8.1 6.5 9.7

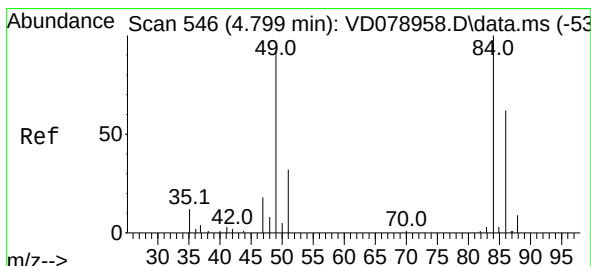
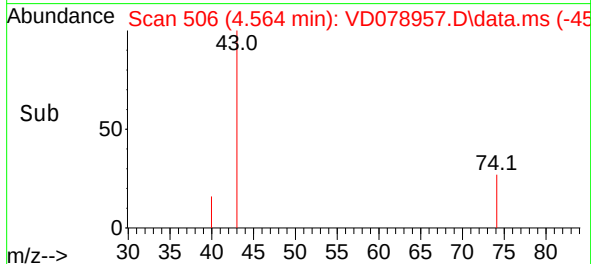
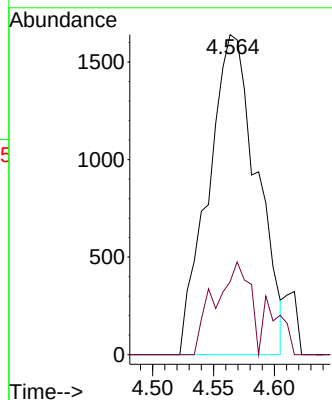
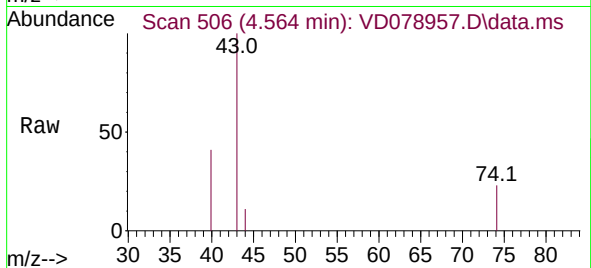




#15
Methyl Acetate
Concen: 4.484 ug/L
RT: 4.564 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD078957.D
Acq: 17 May 2024 10:06

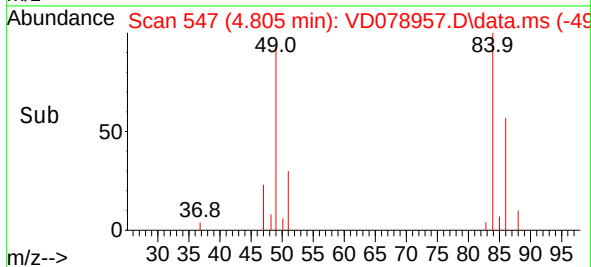
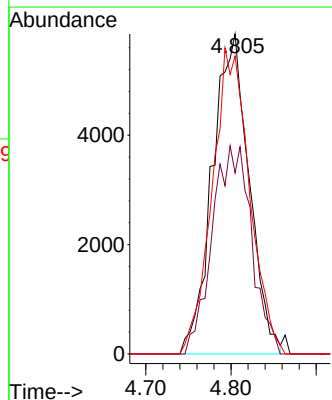
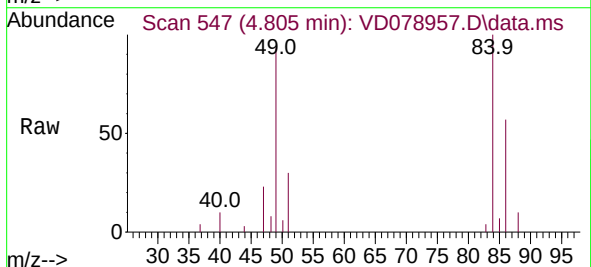
Instrument :
MSVOA_D
ClientSampleId :

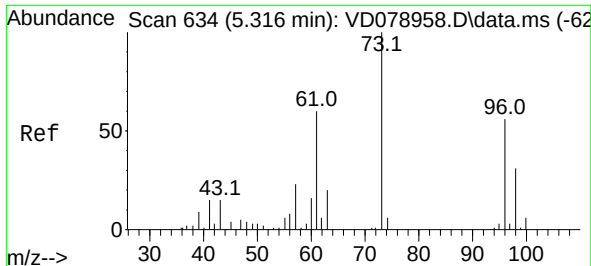
Tgt Ion: 43 Resp: 4570
Ion Ratio Lower Upper
43 100
74 14.8 25.1 37.7#



#16
Methylene chloride
Concen: 5.122 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD078957.D
Acq: 17 May 2024 10:06

Tgt Ion: 84 Resp: 17479
Ion Ratio Lower Upper
84 100
86 56.6 43.7 81.1
49 93.1 64.0 119.0





#17

trans-1,2-Dichloroethene

Concen: 2.086 ug/L

RT: 5.299 min Scan# 61

Delta R.T. -0.018 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

Instrument :

MSVOA_D

ClientSampleId :

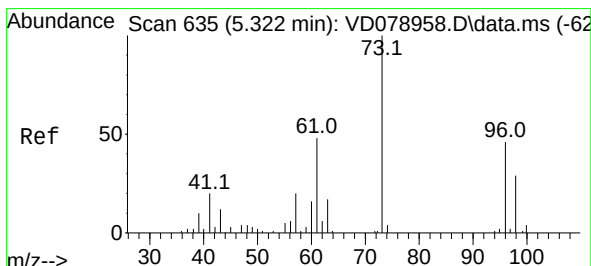
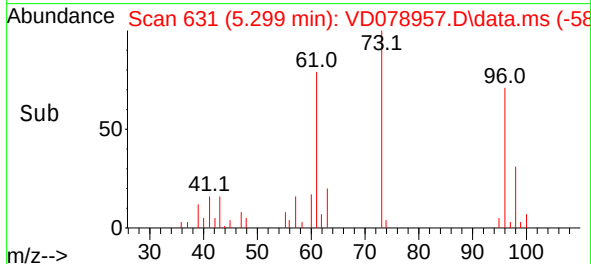
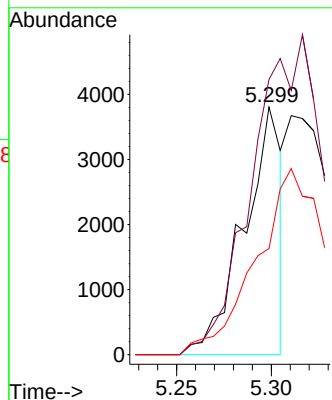
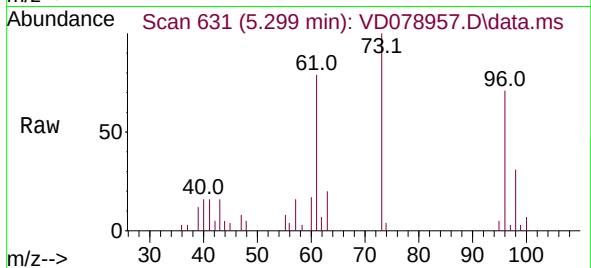
Tgt Ion: 96 Resp: 5292

Ion Ratio Lower Upper

96 100

61 111.2 75.5 140.1

98 42.9 39.1 72.7



#18

Methyl tert-butyl Ether

Concen: 1.972 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.000 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

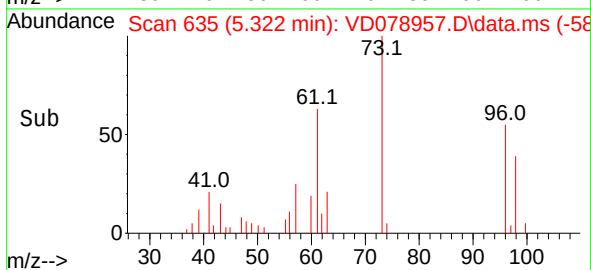
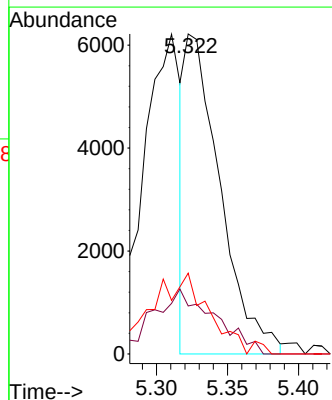
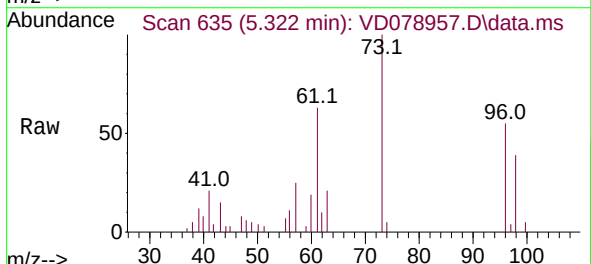
Tgt Ion: 73 Resp: 10667

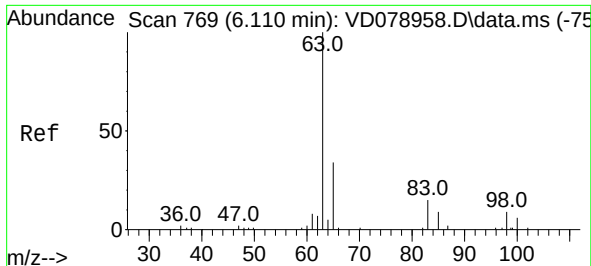
Ion Ratio Lower Upper

73 100

43 25.5 6.7 10.1#

57 19.6 16.8 25.2





#19

1,1-Dichloroethane

Concen: 4.903 ug/L

RT: 6.111 min Scan# 7

Delta R.T. 0.000 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

Instrument :

MSVOA_D

ClientSampleId :

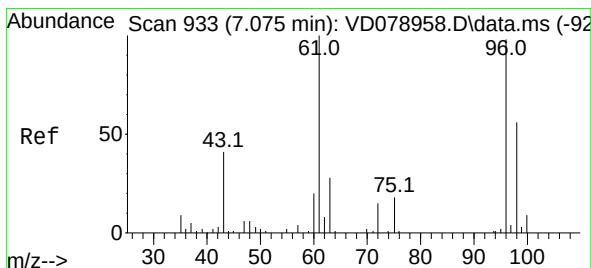
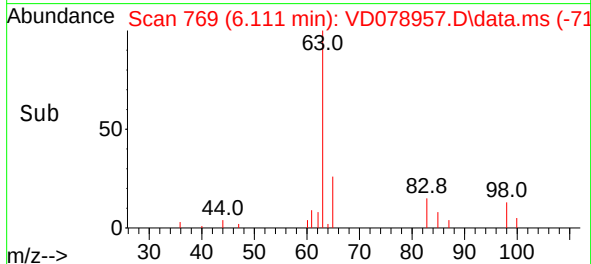
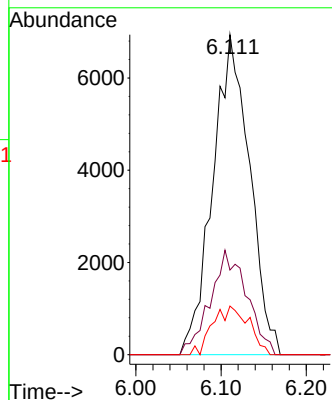
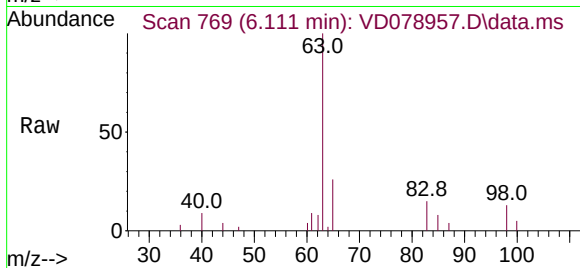
Tgt Ion: 63 Resp: 20888

Ion Ratio Lower Upper

63 100

65 26.5 23.5 43.7

83 15.2 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 4.605 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.012 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

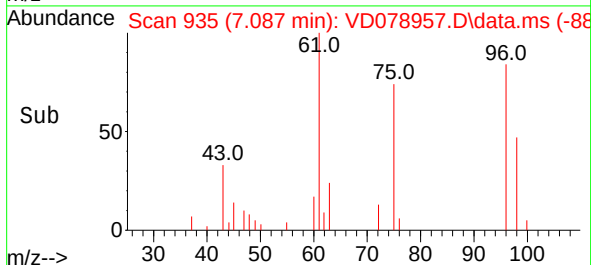
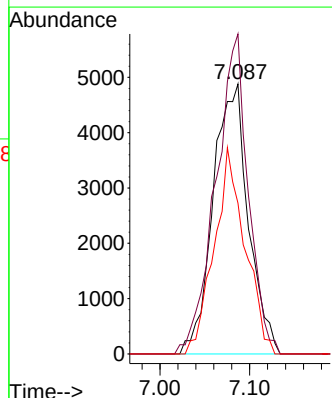
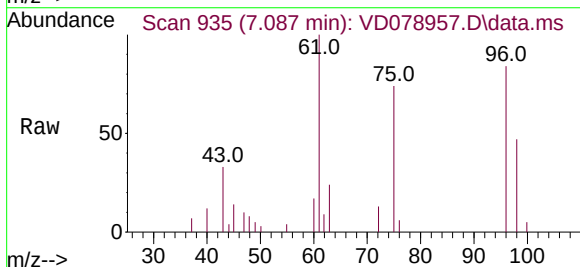
Tgt Ion: 96 Resp: 13324

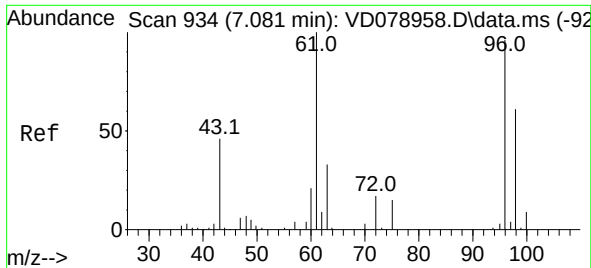
Ion Ratio Lower Upper

96 100

61 118.6 71.6 133.0

98 55.9 40.1 74.5





#22

2-Butanone

Concen: 8.231 ug/L

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

Instrument :

MSVOA_D

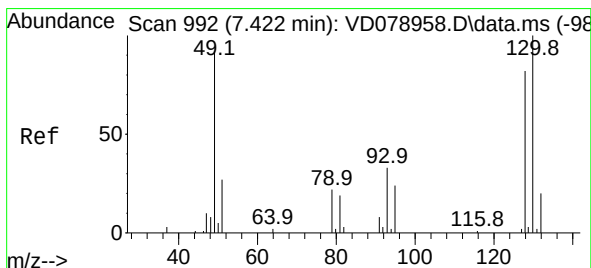
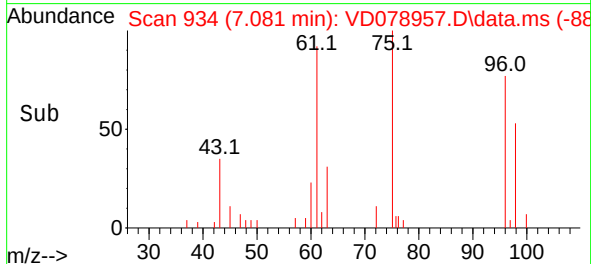
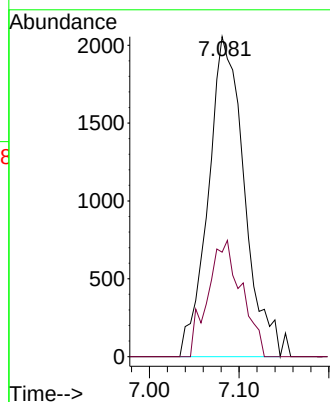
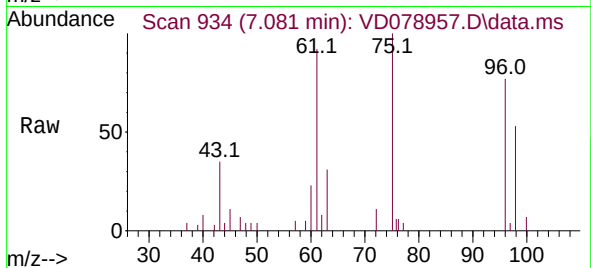
ClientSampleId :

Tgt Ion: 43 Resp: 5715

Ion Ratio Lower Upper

43 100

72 17.3 17.1 51.2



#23

Bromochloromethane

Concen: 4.660 ug/L

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

Tgt Ion:128 Resp: 6737

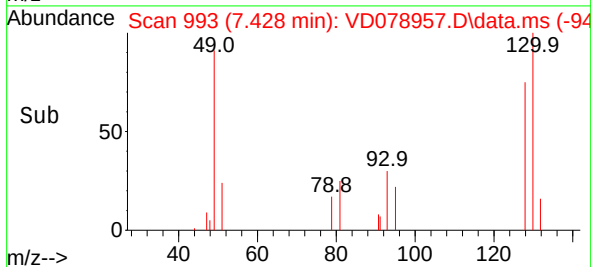
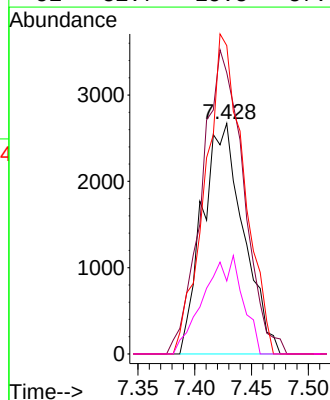
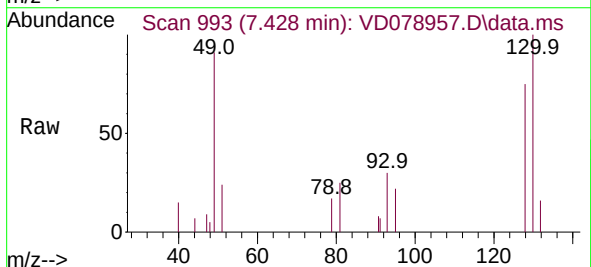
Ion Ratio Lower Upper

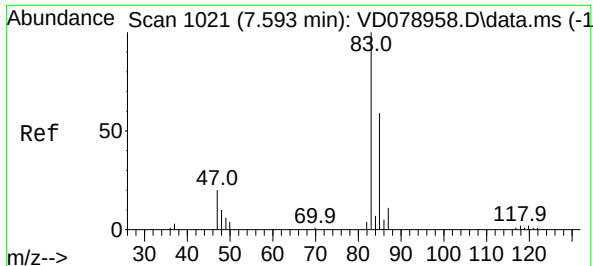
128 100

49 122.1 77.3 143.5

130 133.8 83.4 154.8

51 31.7 25.3 37.9

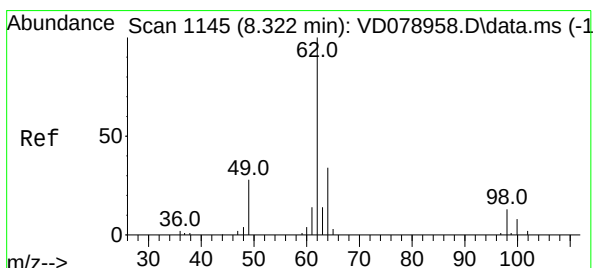
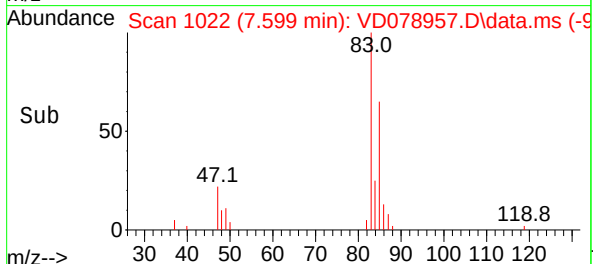
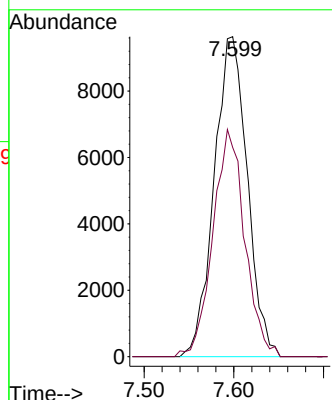
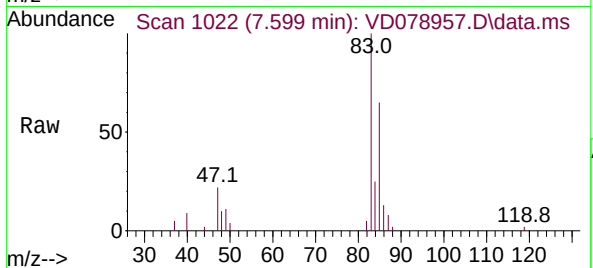




#25
Chloroform
Concen: 4.821 ug/L
RT: 7.599 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VD078957.D
Acq: 17 May 2024 10:06

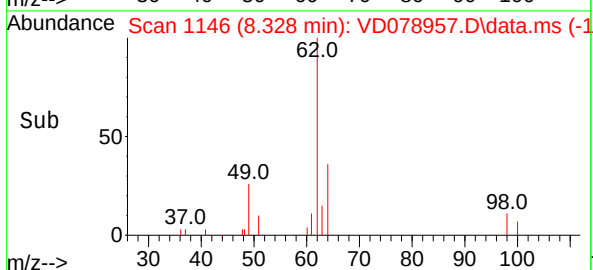
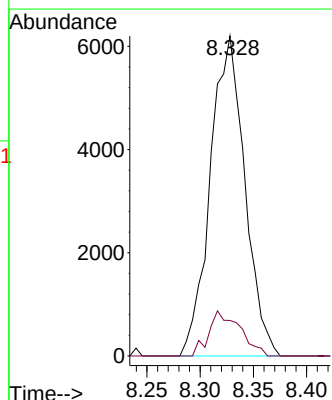
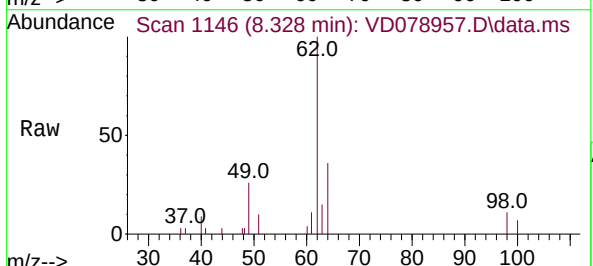
Instrument :
MSVOA_D
ClientSampleId :

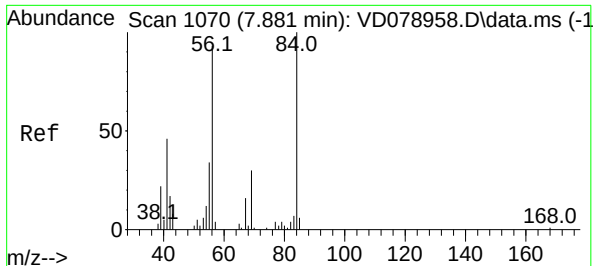
Tgt Ion: 83 Resp: 24686
Ion Ratio Lower Upper
83 100
85 65.4 41.8 77.6



#27
1,2-Dichloroethane
Concen: 4.715 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078957.D
Acq: 17 May 2024 10:06

Tgt Ion: 62 Resp: 13985
Ion Ratio Lower Upper
62 100
98 11.1 10.2 15.4





#29

Cyclohexane

Concen: 4.413 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

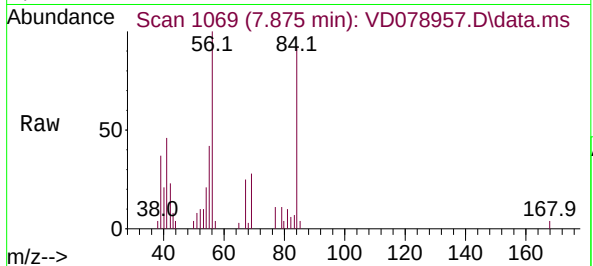
Lab File: VD078957.D

Acq: 17 May 2024 10:06

Instrument :

MSVOA_D

ClientSampleId :



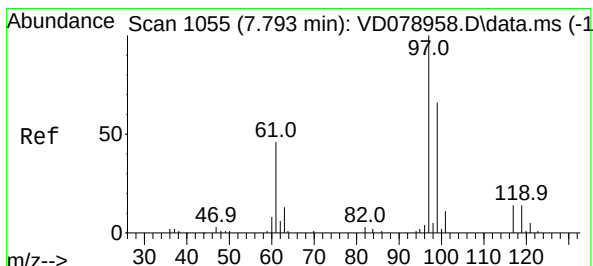
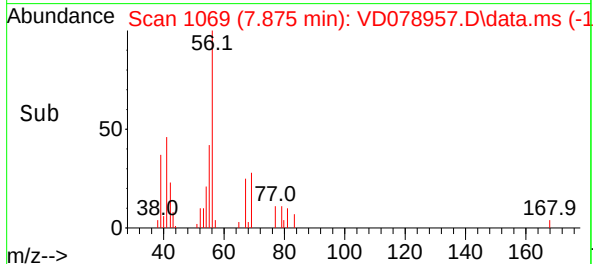
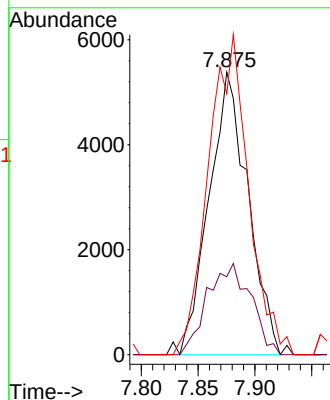
Tgt Ion: 56 Resp: 12802

Ion Ratio Lower Upper

56 100

69 35.9 25.2 37.8

84 116.8 83.4 125.2



#30

1,1,1-Trichloroethane

Concen: 4.674 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

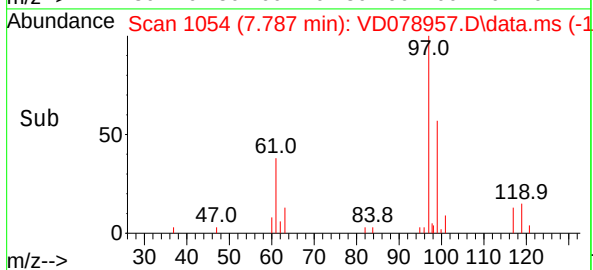
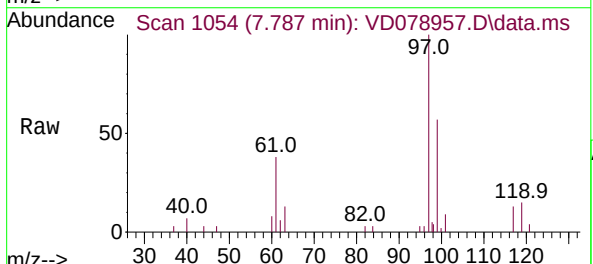
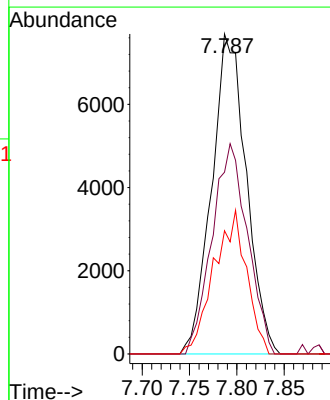
Tgt Ion: 97 Resp: 19518

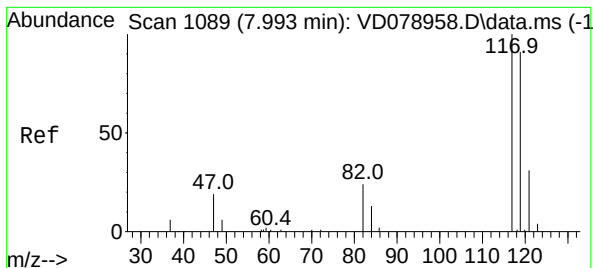
Ion Ratio Lower Upper

97 100

99 67.6 52.6 78.8

61 42.4 32.6 48.8





#31

Carbon tetrachloride

Concen: 4.759 ug/L

RT: 7.987 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

Instrument :

MSVOA_D

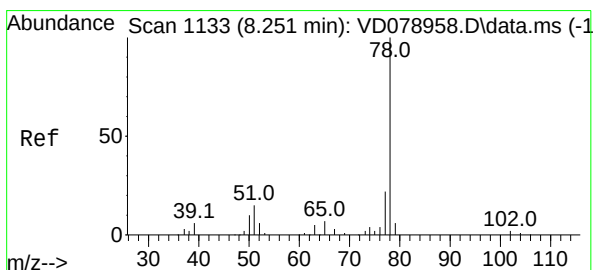
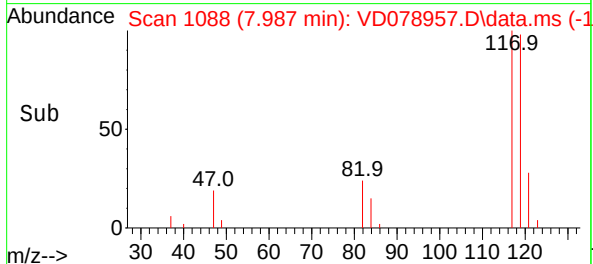
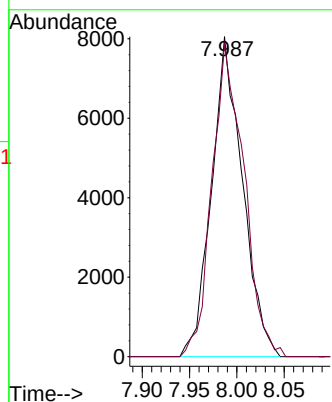
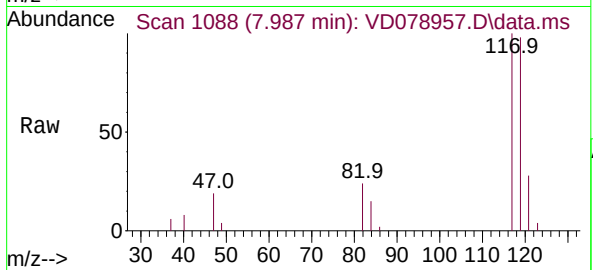
ClientSampleId :

Tgt Ion:117 Resp: 18296

Ion Ratio Lower Upper

117 100

119 101.2 77.7 116.5



#33

Benzene

Concen: 4.703 ug/L

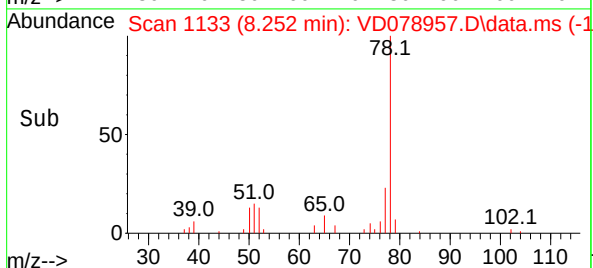
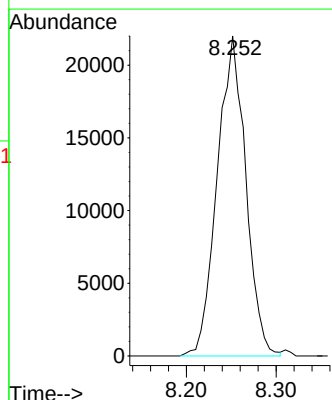
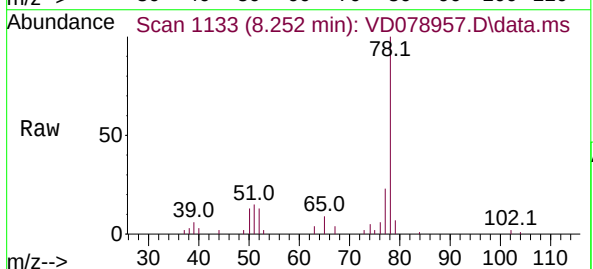
RT: 8.252 min Scan# 1133

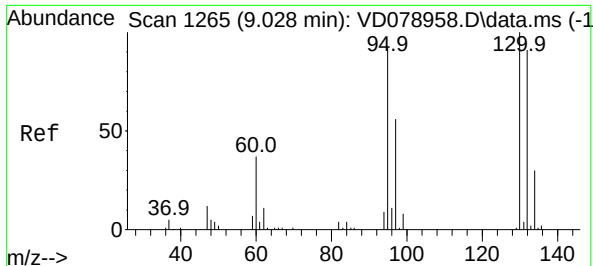
Delta R.T. 0.000 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

Tgt Ion: 78 Resp: 48650



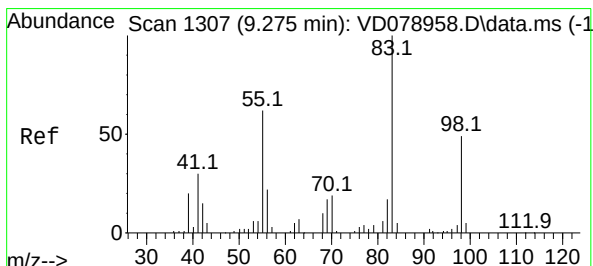
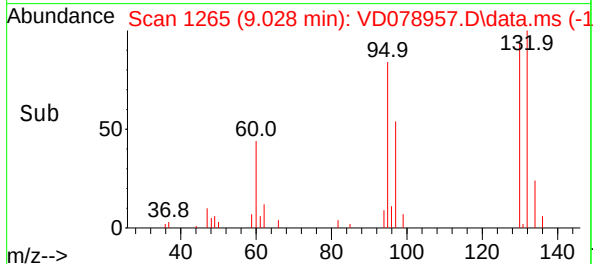
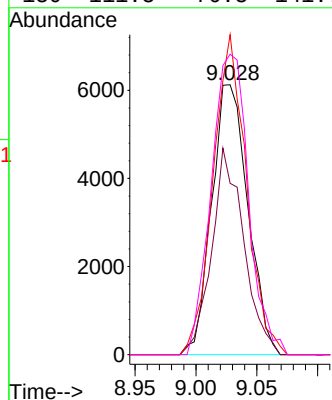
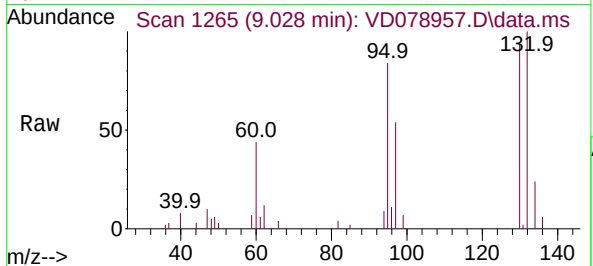


#34
Trichloroethene
Concen: 4.767 ug/L
RT: 9.028 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078957.D
Acq: 17 May 2024 10:06

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 12704

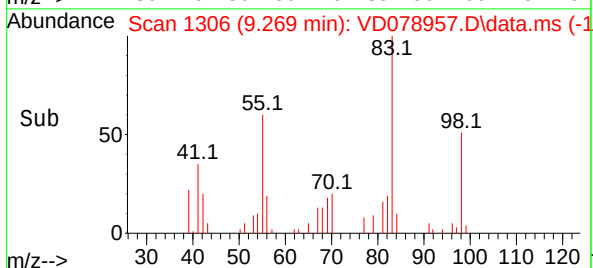
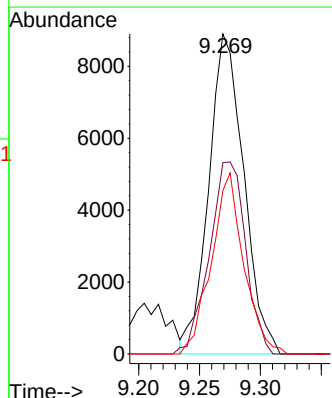
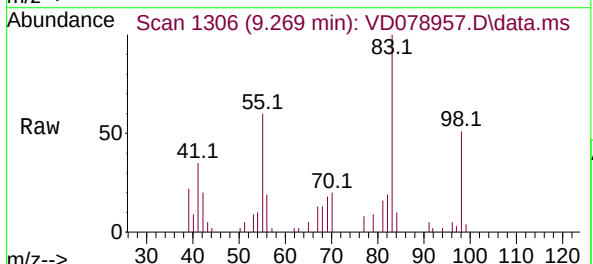
Ion	Ratio	Lower	Upper
95	100		
97	63.5	42.6	79.2
132	118.6	69.5	129.1
130	111.3	76.3	141.7

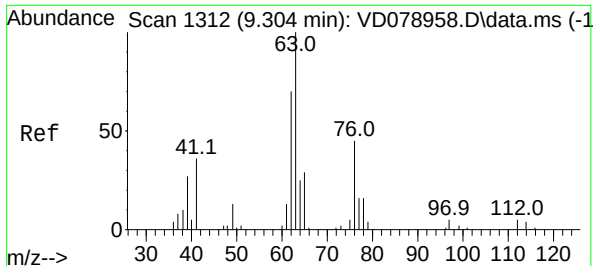


#35
Methylcyclohexane
Concen: 4.446 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD078957.D
Acq: 17 May 2024 10:06

Tgt Ion: 83 Resp: 17815

Ion	Ratio	Lower	Upper
83	100		
55	62.1	49.0	73.6
98	52.5	40.1	60.1

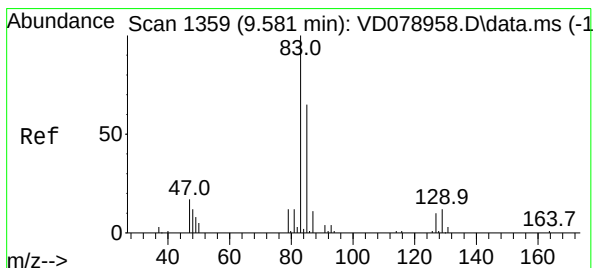
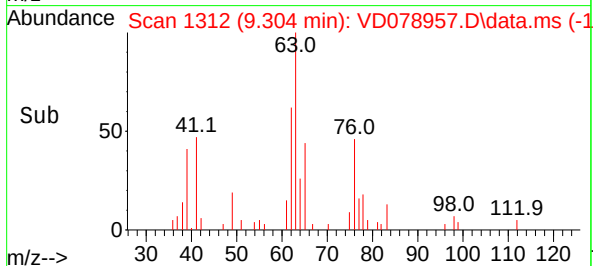
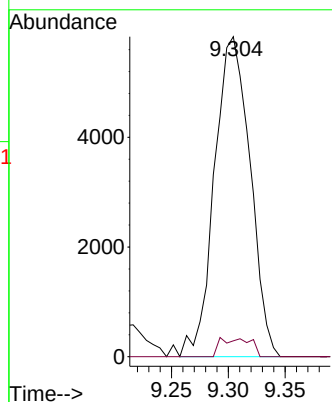
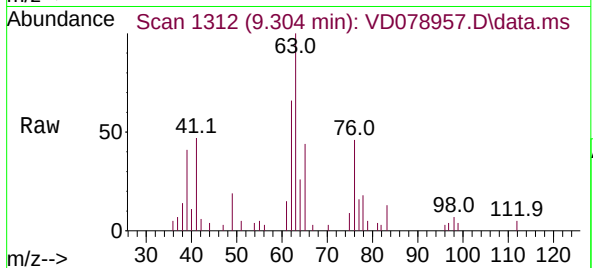




#37
1,2-Dichloropropane
Concen: 4.857 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD078957.D
Acq: 17 May 2024 10:06

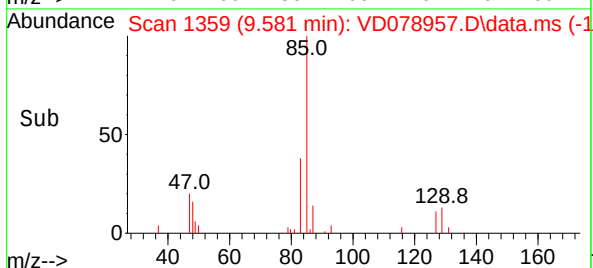
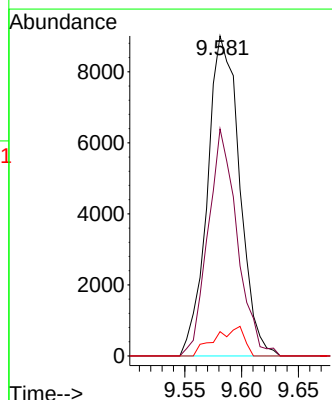
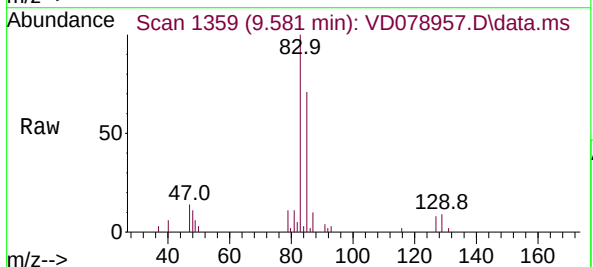
Instrument :
MSVOA_D
ClientSampleId :

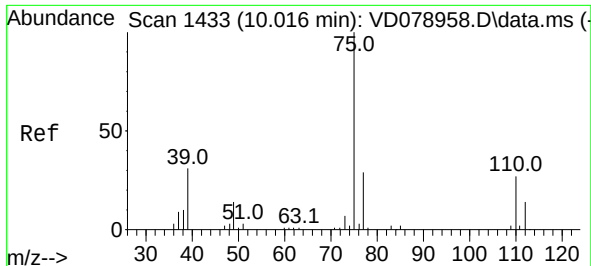
Tgt Ion: 63 Resp: 12735
Ion Ratio Lower Upper
63 100
112 1.0 4.1 6.1#



#38
Bromodichloromethane
Concen: 4.796 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD078957.D
Acq: 17 May 2024 10:06

Tgt Ion: 83 Resp: 17780
Ion Ratio Lower Upper
83 100
85 71.0 45.4 84.4
127 7.6 7.6 11.4#





#39

cis-1,3-Dichloropropene

Concen: 4.306 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

Instrument :

MSVOA_D

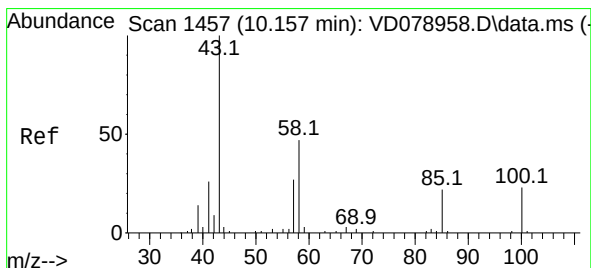
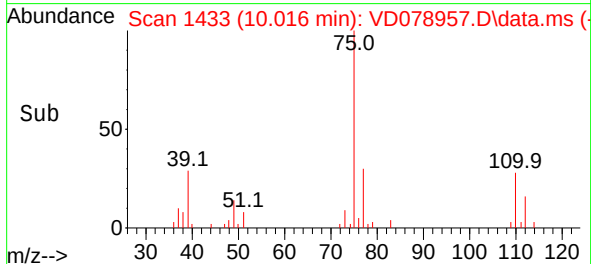
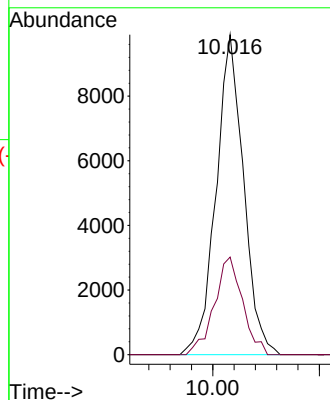
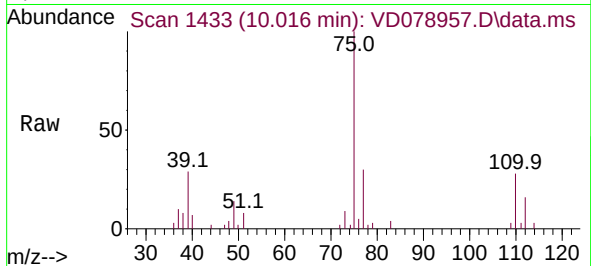
ClientSampleId :

Tgt Ion: 75 Resp: 17711

Ion Ratio Lower Upper

75 100

77 30.5 20.0 37.2



#40

4-Methyl-2-pentanone

Concen: 7.925 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

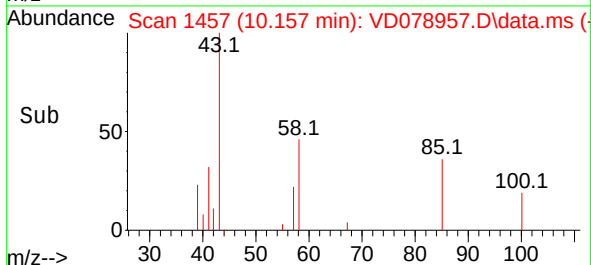
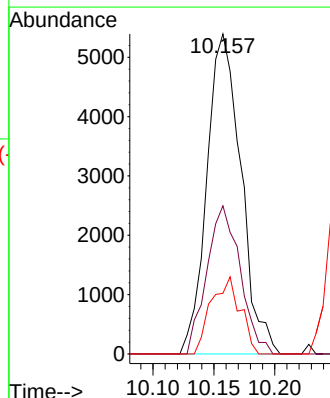
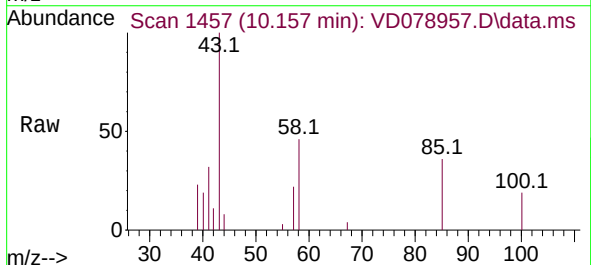
Tgt Ion: 43 Resp: 10495

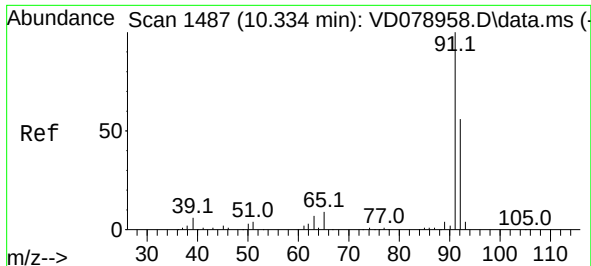
Ion Ratio Lower Upper

43 100

58 45.2 38.0 57.0

100 20.5 17.3 25.9





#42

Toluene

Concen: 4.372 ug/L

RT: 10.328 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

Instrument :

MSVOA_D

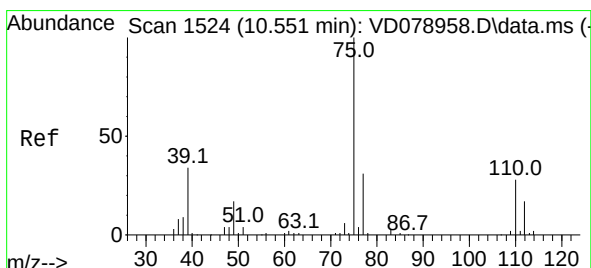
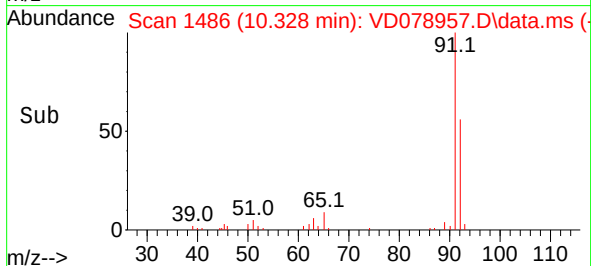
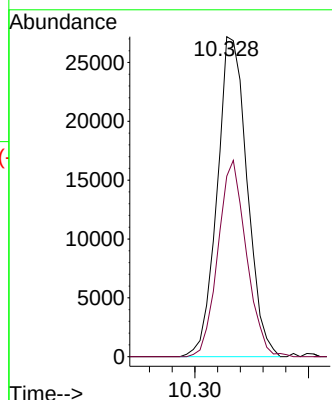
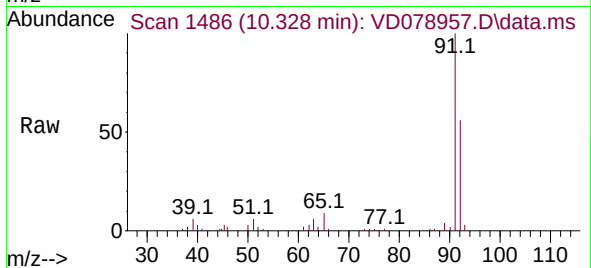
ClientSampleId :

Tgt Ion: 91 Resp: 49728

Ion Ratio Lower Upper

91 100

92 56.4 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 4.235 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD078957.D

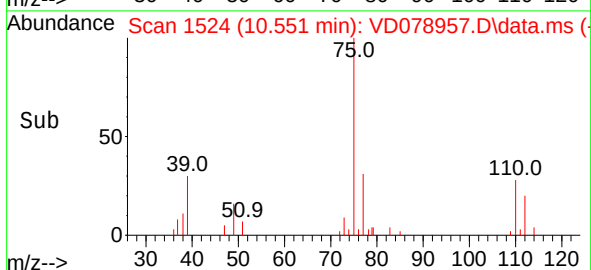
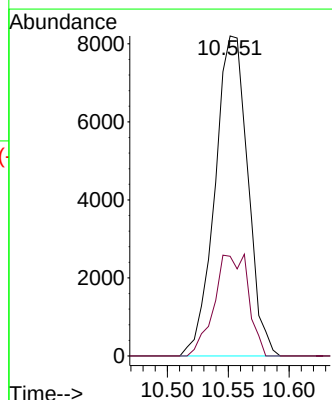
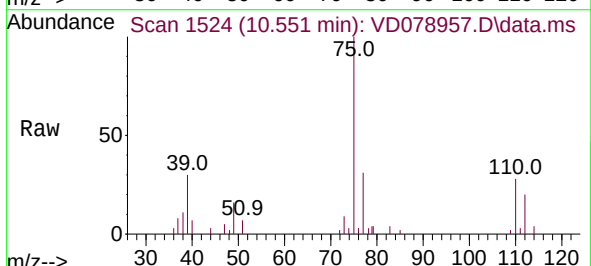
Acq: 17 May 2024 10:06

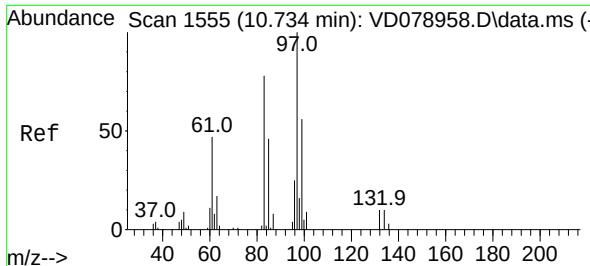
Tgt Ion: 75 Resp: 15400

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 4.696 ug/L

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

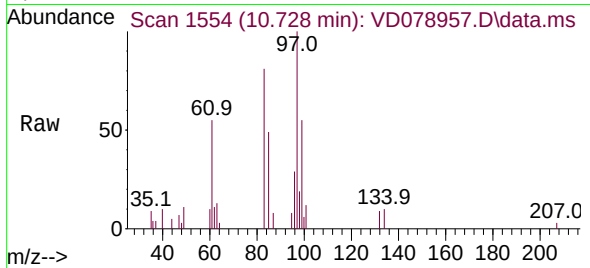
Lab File: VD078957.D

Acq: 17 May 2024 10:06

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 11257

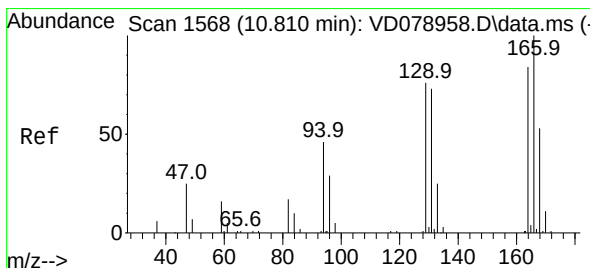
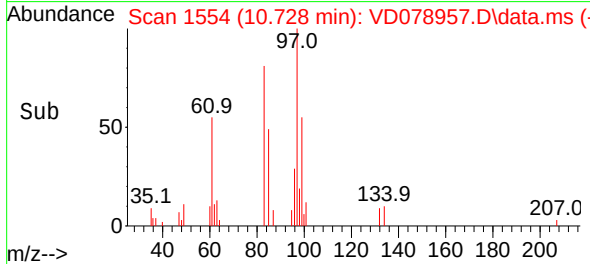
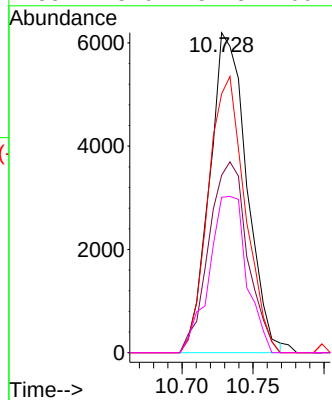
Ion Ratio Lower Upper

97 100

99 55.5 39.1 72.7

83 80.9 54.6 101.4

85 48.6 32.5 60.3



#46

Tetrachloroethene

Concen: 4.742 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

Tgt Ion: 164 Resp: 10873

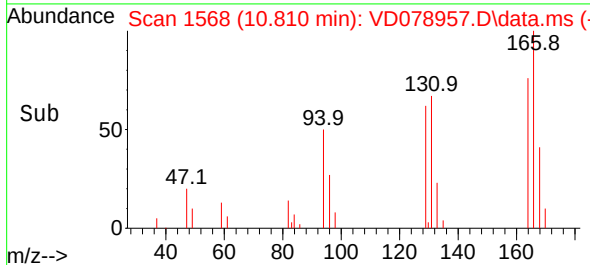
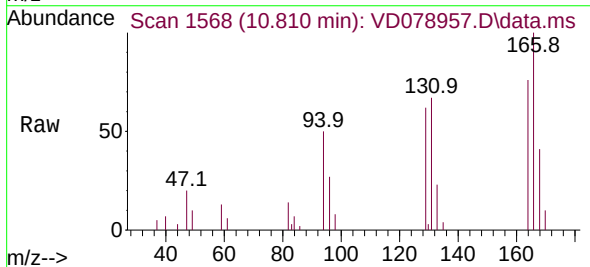
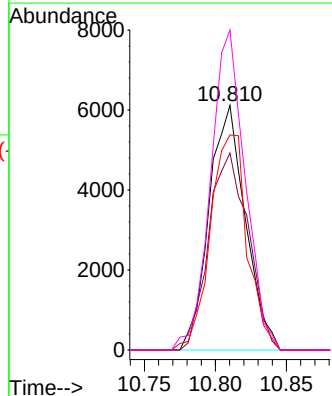
Ion Ratio Lower Upper

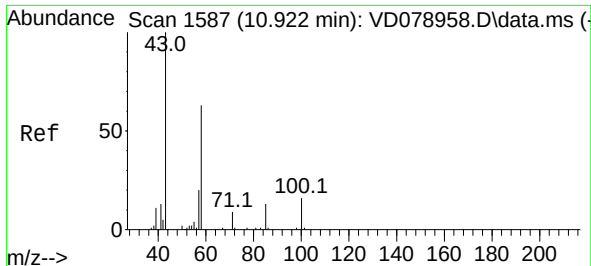
164 100

129 80.6 63.3 117.7

131 88.0 60.8 112.8

166 130.9 83.7 155.4





#48

2-Hexanone

Concen: 8.157 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

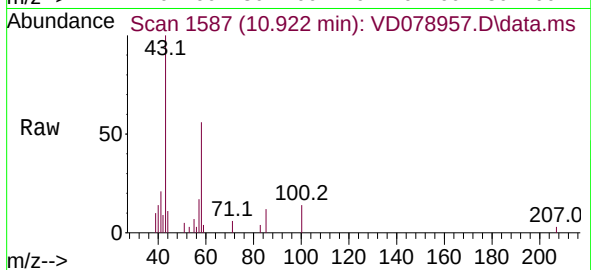
Lab File: VD078957.D

Acq: 17 May 2024 10:06

Instrument :

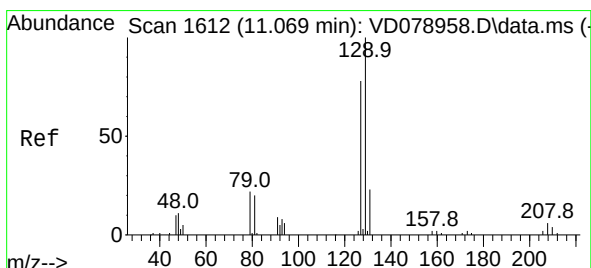
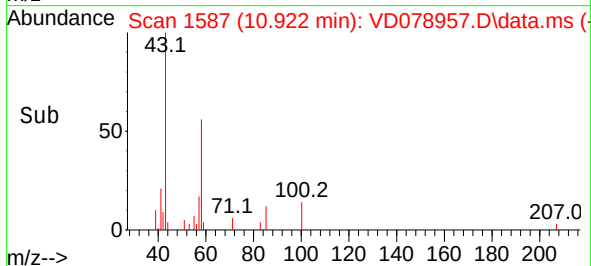
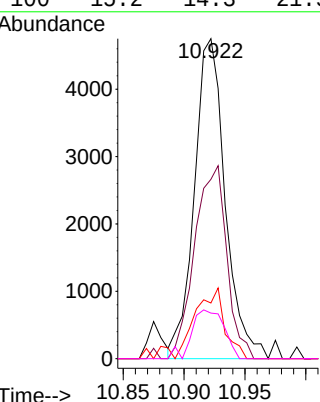
MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 8374

Ion	Ratio	Lower	Upper
43	100		
58	62.7	53.4	80.2
57	20.9	17.0	25.4
100	15.2	14.3	21.5



#49

Dibromochloromethane

Concen: 4.496 ug/L

RT: 11.075 min Scan# 1613

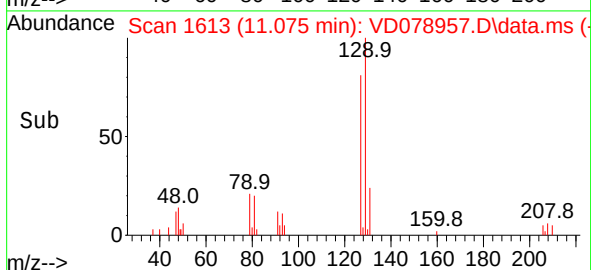
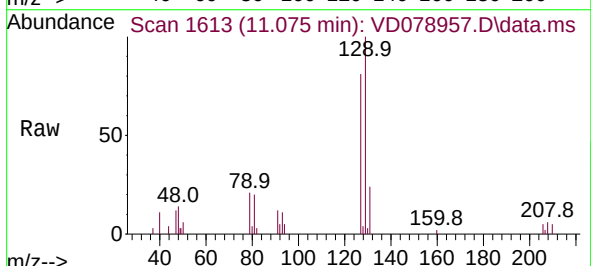
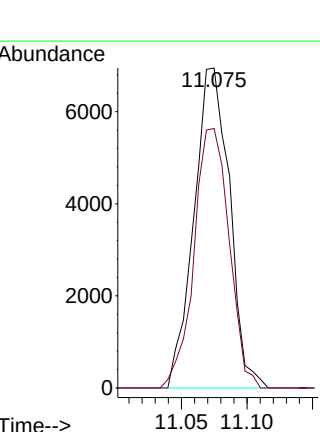
Delta R.T. 0.006 min

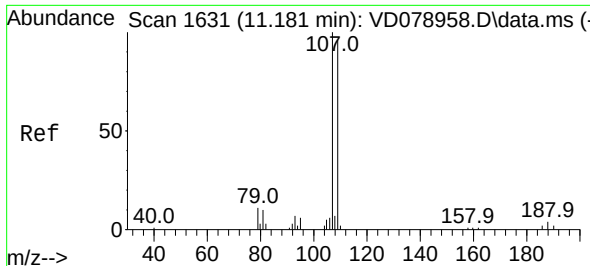
Lab File: VD078957.D

Acq: 17 May 2024 10:06

Tgt Ion: 129 Resp: 13103

Ion	Ratio	Lower	Upper
129	100		
127	81.1	54.8	101.8





#50

1,2-Dibromoethane

Concen: 4.754 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

Instrument :

MSVOA_D

ClientSampleId :

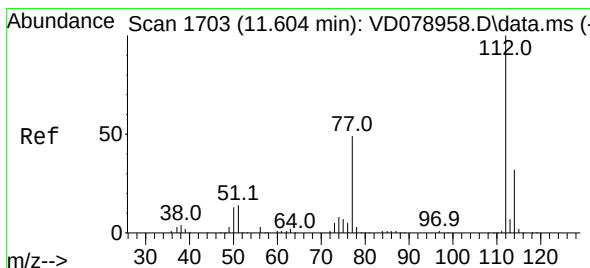
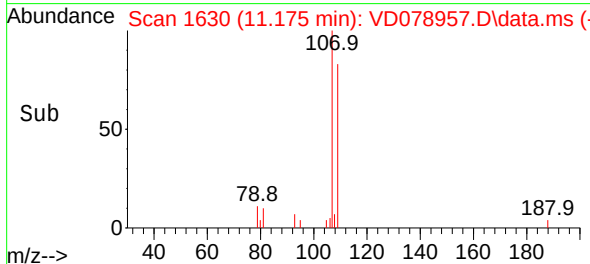
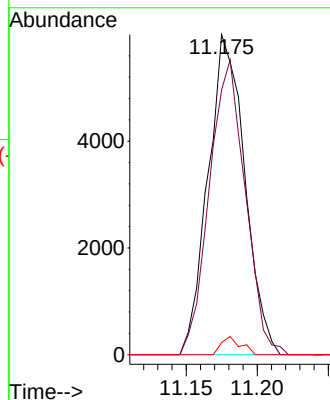
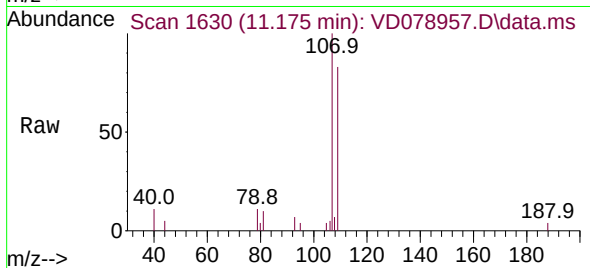
Tgt Ion:107 Resp: 10765

Ion Ratio Lower Upper

107 100

109 82.8 67.0 124.4

188 3.8 3.4 5.2



#51

Chlorobenzene

Concen: 4.621 ug/L

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

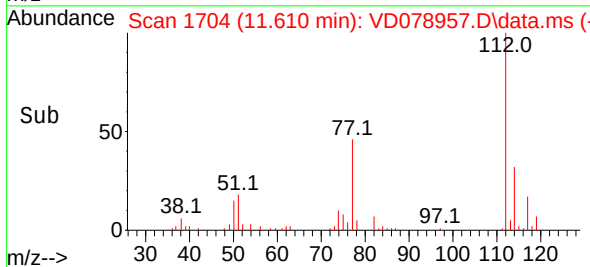
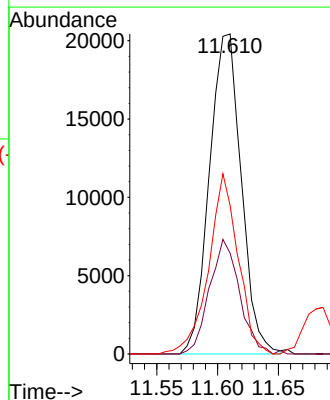
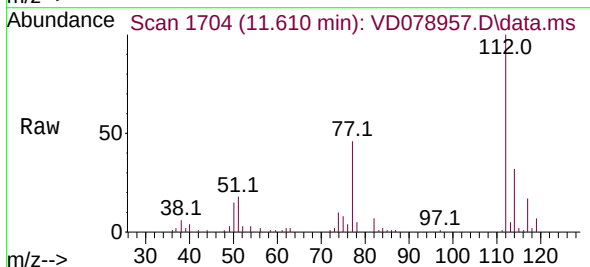
Tgt Ion:112 Resp: 37129

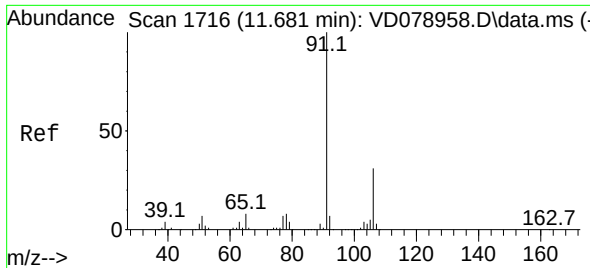
Ion Ratio Lower Upper

112 100

114 31.5 22.5 41.9

77 46.4 39.4 59.0

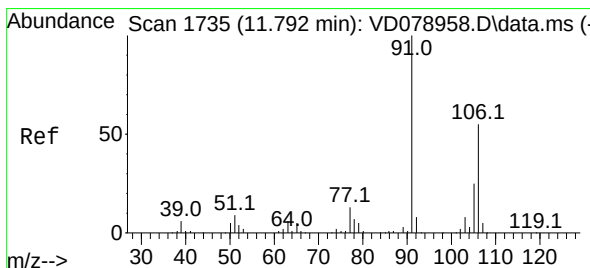
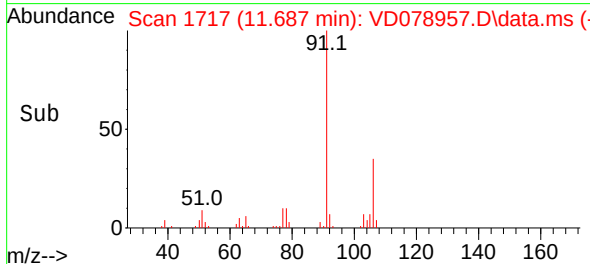
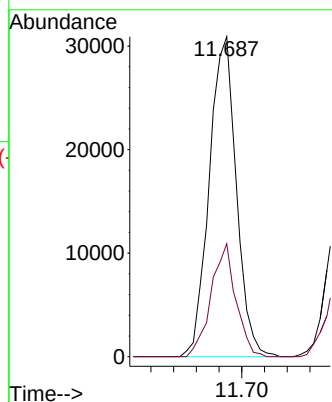
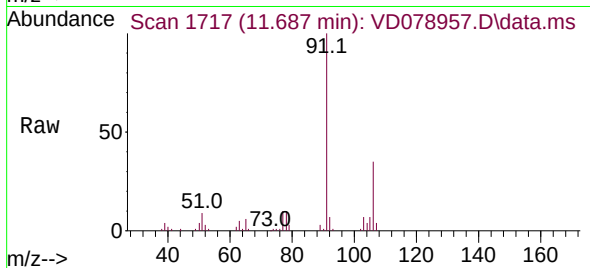




#52
Ethylbenzene
Concen: 4.172 ug/L
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078957.D
Acq: 17 May 2024 10:06

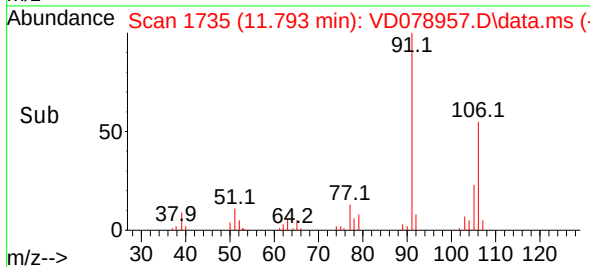
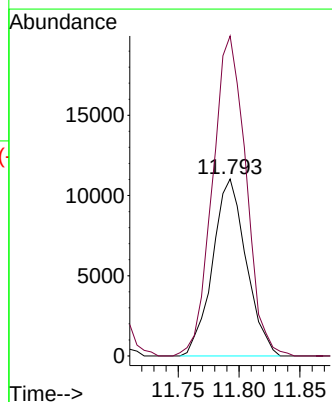
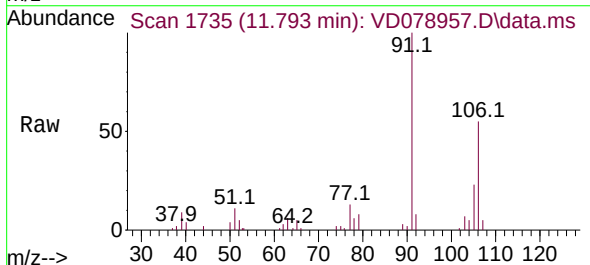
Instrument :
MSVOA_D
ClientSampleId :

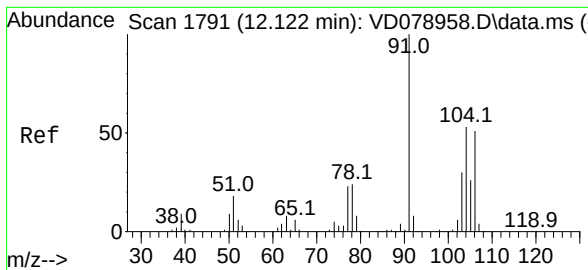
Tgt Ion: 91 Resp: 51218
Ion Ratio Lower Upper
91 100
106 35.3 21.6 40.2



#53
m,p-Xylene
Concen: 4.319 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078957.D
Acq: 17 May 2024 10:06

Tgt Ion:106 Resp: 21210
Ion Ratio Lower Upper
106 100
91 180.8 128.3 238.3

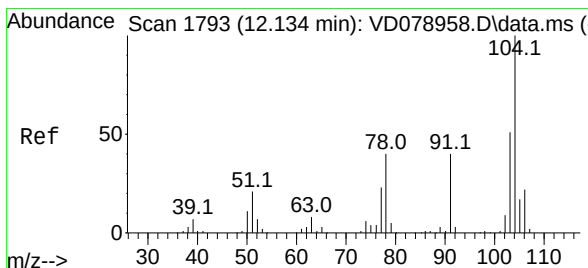
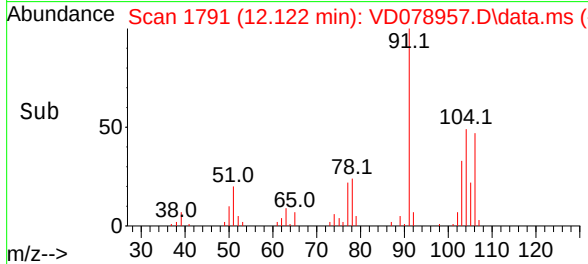
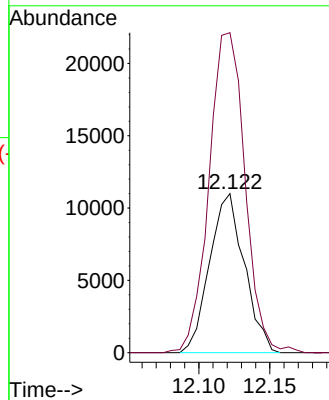
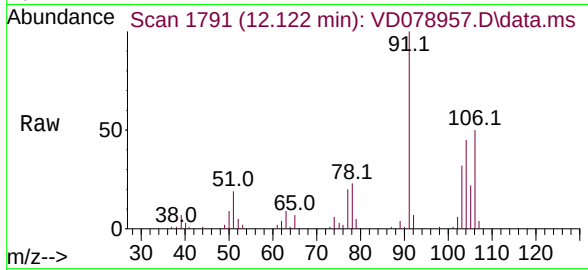




#54
o-Xylene
Concen: 3.913 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078957.D
Acq: 17 May 2024 10:06

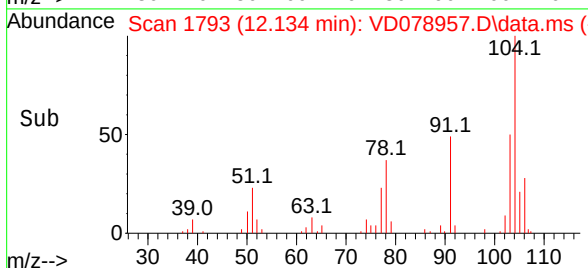
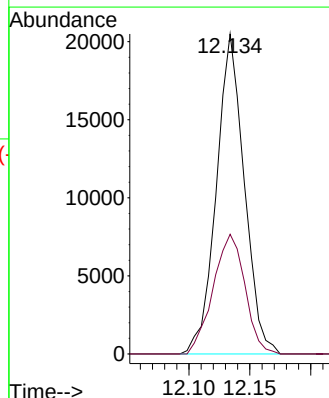
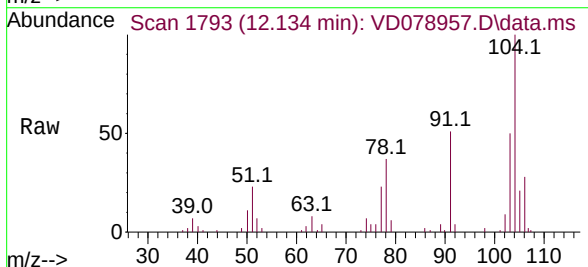
Instrument :
MSVOA_D
ClientSampleId :

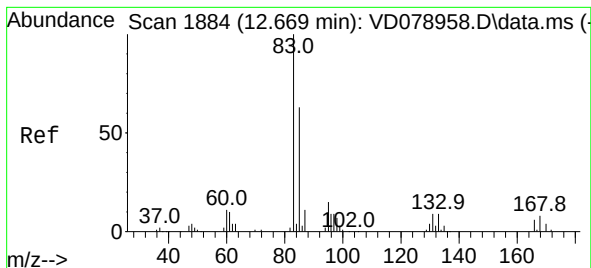
Tgt Ion:106 Resp: 18716
Ion Ratio Lower Upper
106 100
91 201.2 138.3 256.9



#55
Styrene
Concen: 3.862 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078957.D
Acq: 17 May 2024 10:06

Tgt Ion:104 Resp: 32639
Ion Ratio Lower Upper
104 100
78 37.4 27.8 51.6

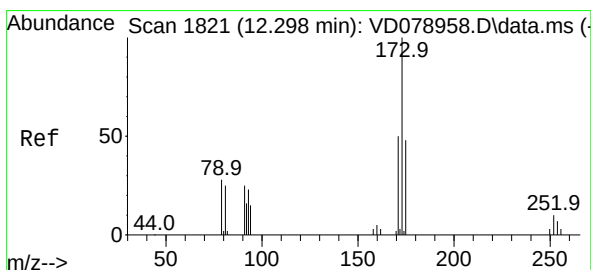
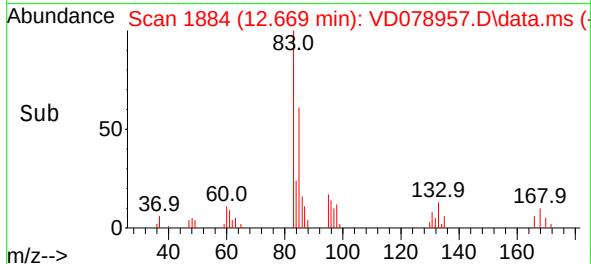
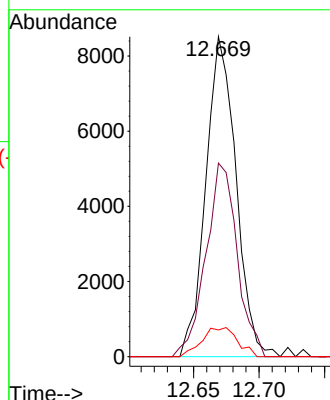
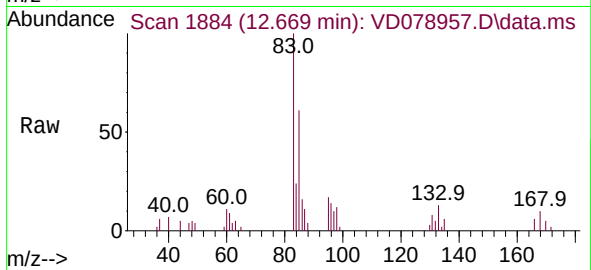




#57
1,1,2,2-Tetrachloroethane
Concen: 4.689 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD078957.D
Acq: 17 May 2024 10:06

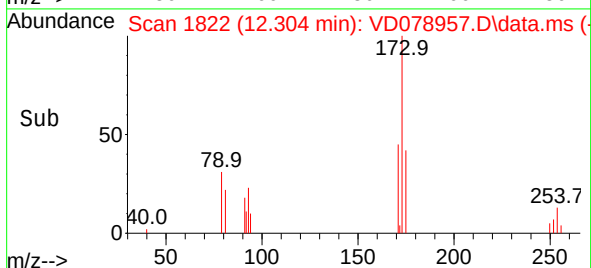
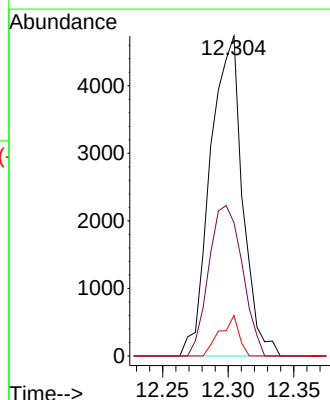
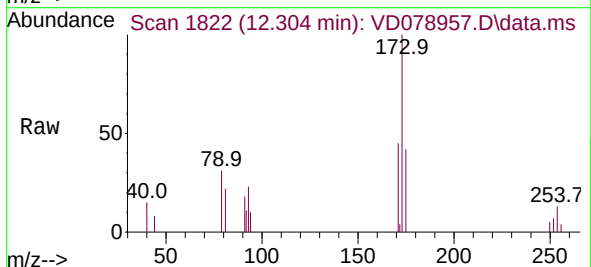
Instrument :
MSVOA_D
ClientSampleId :

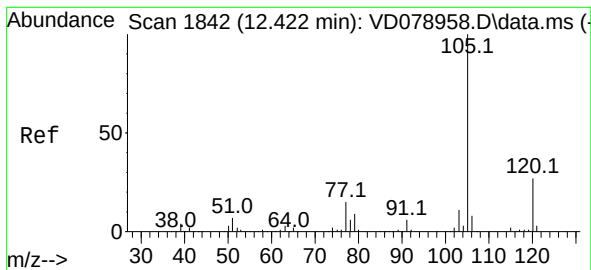
Tgt Ion: 83 Resp: 13633
Ion Ratio Lower Upper
83 100
85 60.5 44.3 82.3
131 8.4 7.5 11.3



#59
Bromoform
Concen: 4.726 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD078957.D
Acq: 17 May 2024 10:06

Tgt Ion:173 Resp: 8098
Ion Ratio Lower Upper
173 100
175 48.9 40.0 60.0
254 7.4 6.3 9.5





#60

Isopropylbenzene

Concen: 4.297 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078957.D

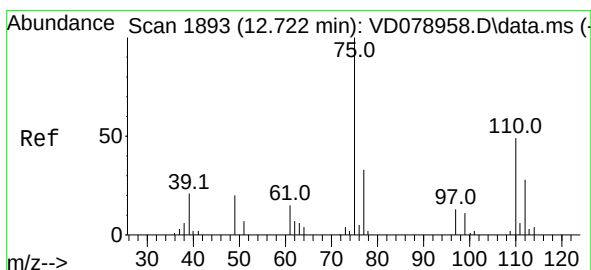
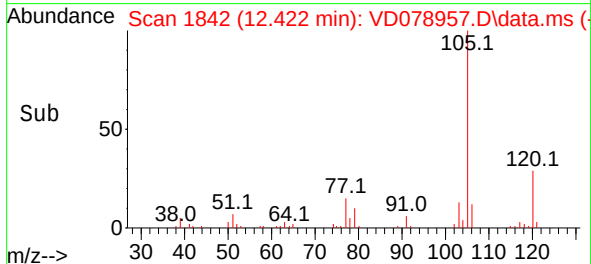
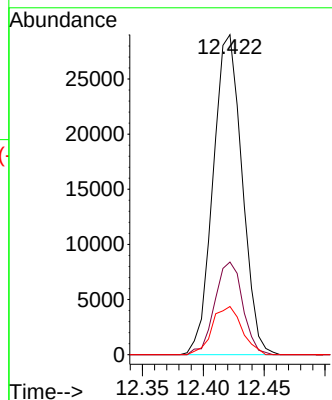
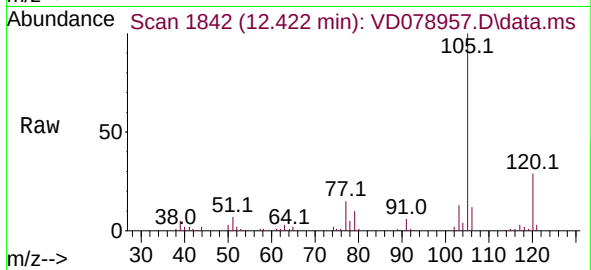
Acq: 17 May 2024 10:06

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:105	Resp:	48105
Ion Ratio	Lower	Upper
105	100	
120	27.9	21.8 32.8
77	15.4	11.7 17.5



#61

1,2,3-Trichloropropane

Concen: 4.945 ug/L

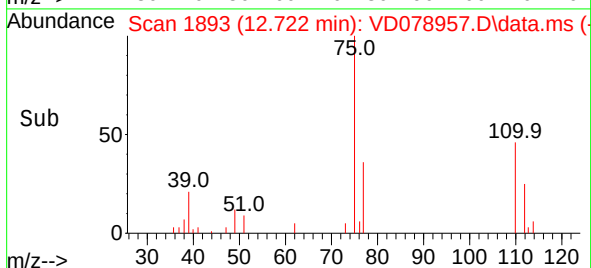
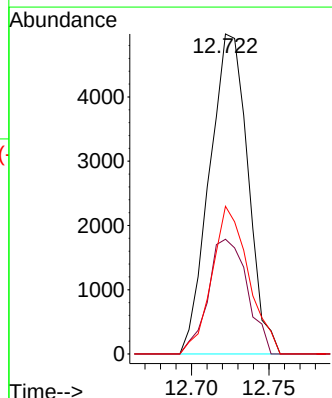
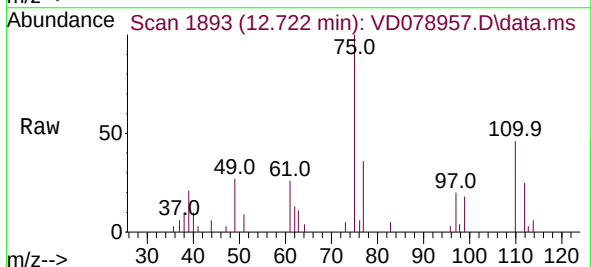
RT: 12.722 min Scan# 1893

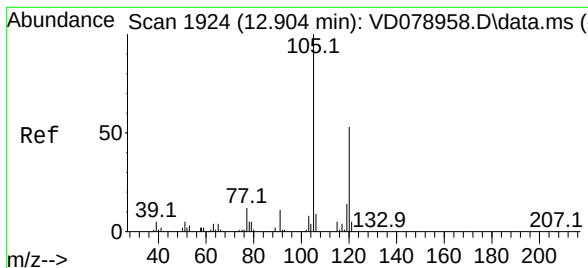
Delta R.T. 0.000 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

Tgt Ion: 75	Resp:	8582
Ion Ratio	Lower	Upper
75	100	
77	36.6	26.2 39.2
110	44.1	37.1 55.7

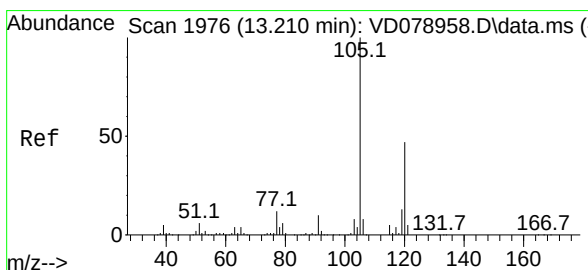
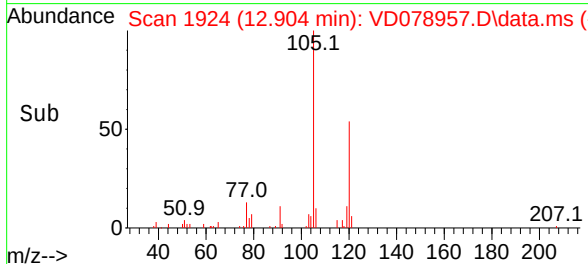
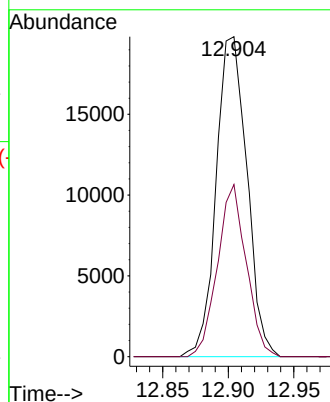
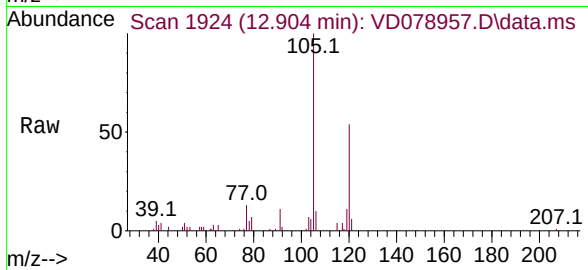




#62
1,3,5-Trimethylbenzene
Concen: 3.894 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078957.D
Acq: 17 May 2024 10:06

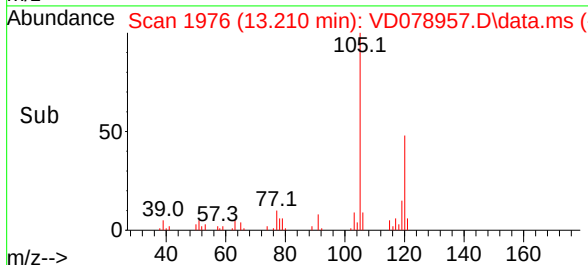
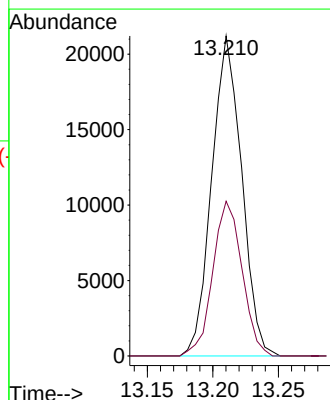
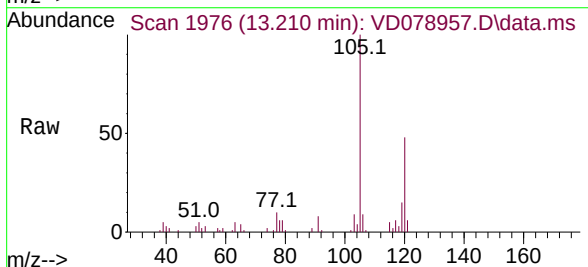
Instrument :
MSVOA_D
ClientSampleId :

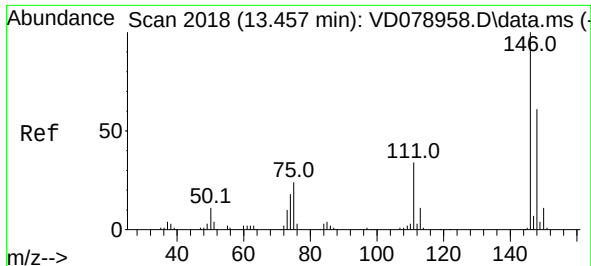
Tgt Ion:105 Resp: 32218
Ion Ratio Lower Upper
105 100
120 50.3 41.9 62.9



#63
1,2,4-Trimethylbenzene
Concen: 4.001 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078957.D
Acq: 17 May 2024 10:06

Tgt Ion:105 Resp: 33641
Ion Ratio Lower Upper
105 100
120 47.3 38.8 58.2





#64

1,3-Dichlorobenzene

Concen: 4.520 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

Instrument :

MSVOA_D

ClientSampleId :

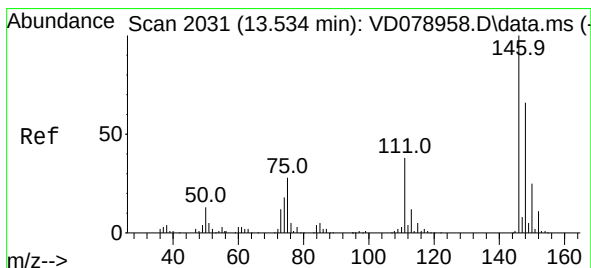
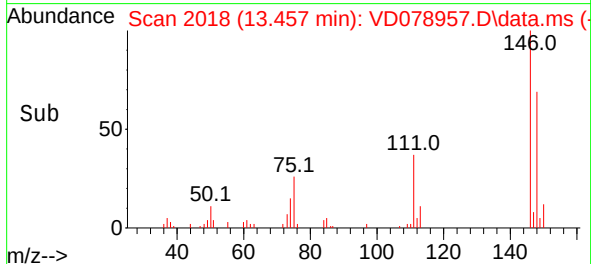
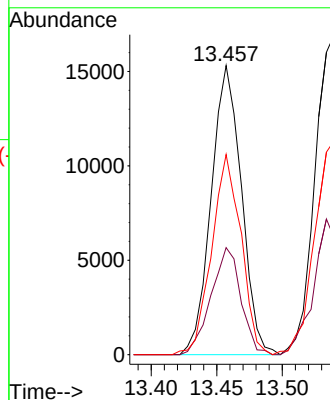
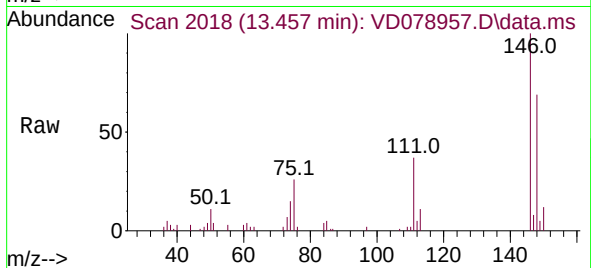
Tgt Ion:146 Resp: 24572

Ion Ratio Lower Upper

146 100

111 37.0 24.0 44.6

148 69.2 42.9 79.7



#65

1,4-Dichlorobenzene

Concen: 4.812 ug/L

RT: 13.540 min Scan# 2032

Delta R.T. 0.006 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

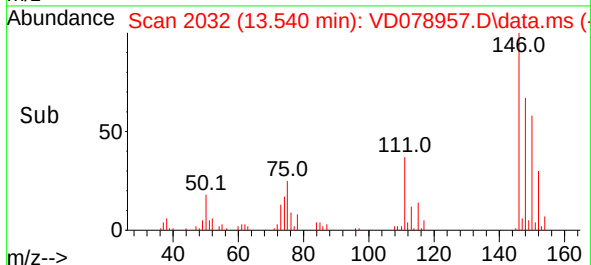
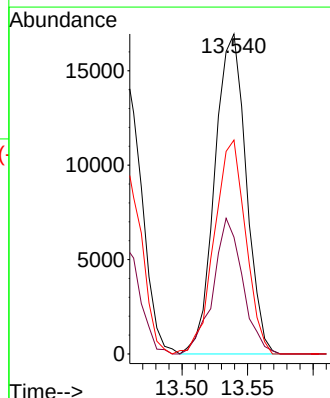
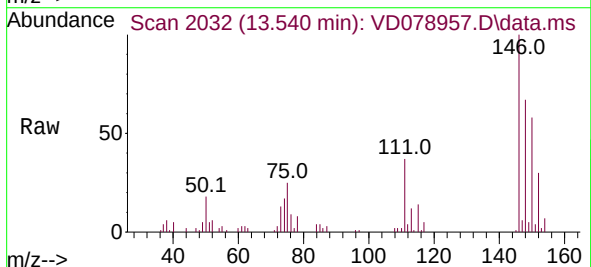
Tgt Ion:146 Resp: 28203

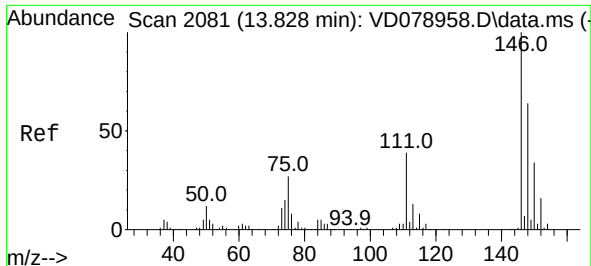
Ion Ratio Lower Upper

146 100

111 36.5 26.9 50.1

148 66.8 46.4 86.2





#67

1,2-Dichlorobenzene

Concen: 4.379 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

Instrument :

MSVOA_D

ClientSampleId :

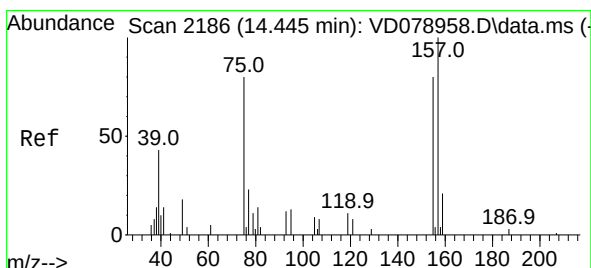
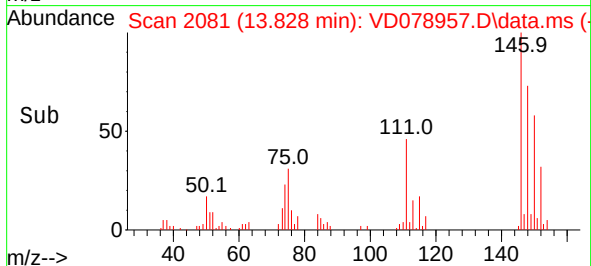
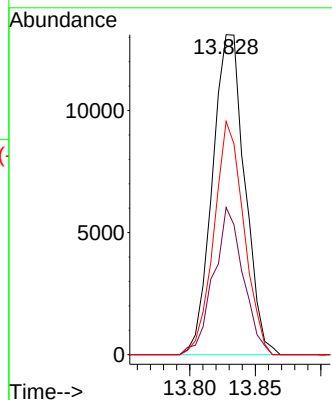
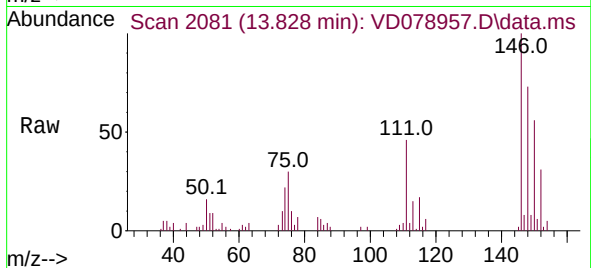
Tgt Ion:146 Resp: 22532

Ion Ratio Lower Upper

146 100

111 46.0 30.9 46.3

148 72.9 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.424 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

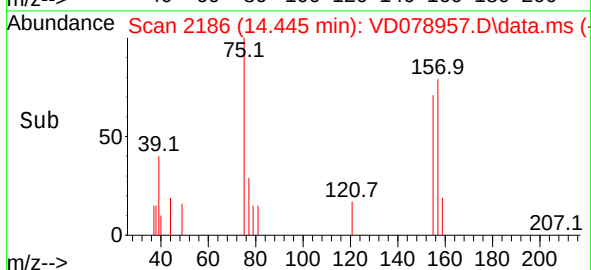
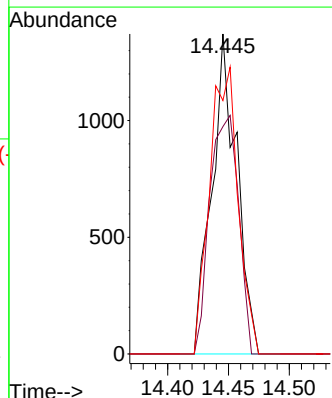
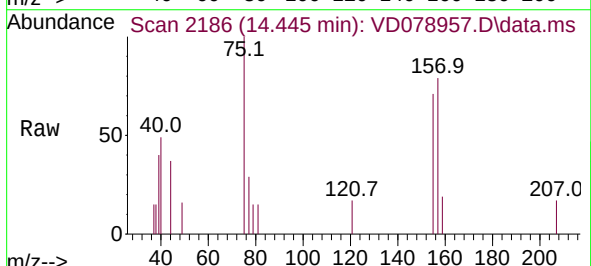
Tgt Ion: 75 Resp: 1961

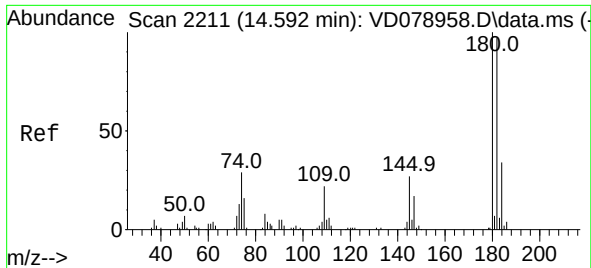
Ion Ratio Lower Upper

75 100

155 71.0 79.8 119.6#

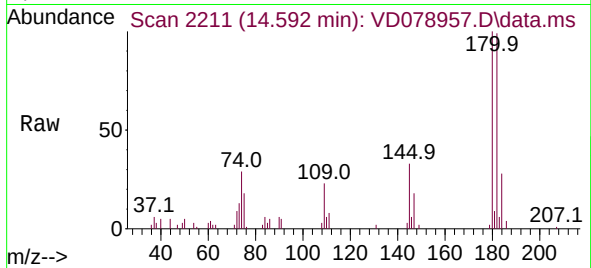
157 79.2 99.9 149.9#



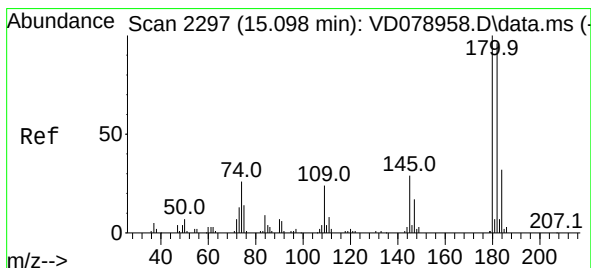
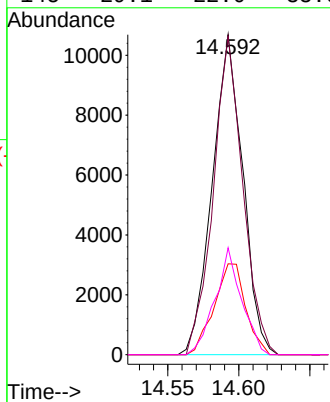
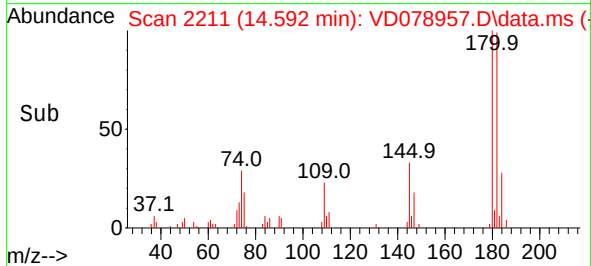


#69
 1,3,5-Trichlorobenzene
 Concen: 4.525 ug/L
 RT: 14.592 min Scan# 2211
 Delta R.T. 0.000 min
 Lab File: VD078957.D
 Acq: 17 May 2024 10:06

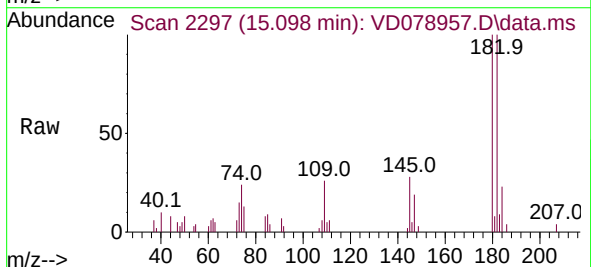
Instrument :
 MSVOA_D
 ClientSampleId :



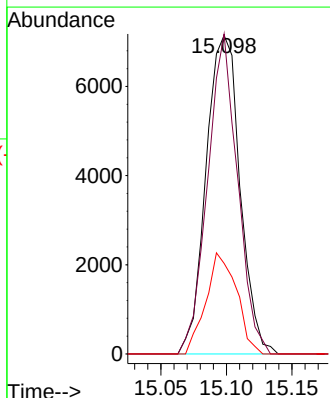
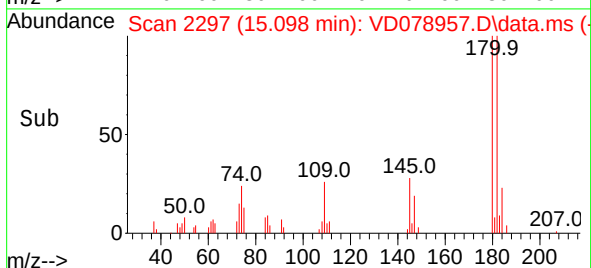
Tgt Ion:180 Resp: 15976
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.2 114.2
 184 29.4 24.9 37.3
 145 29.1 22.0 33.0

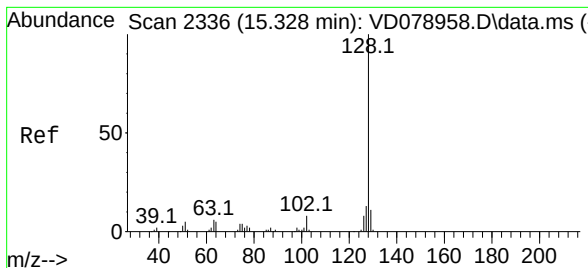


#70
 1,2,4-trichlorobenzene
 Concen: 4.298 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD078957.D
 Acq: 17 May 2024 10:06



Tgt Ion:180 Resp: 12847
 Ion Ratio Lower Upper
 180 100
 182 88.8 76.4 114.6
 145 28.7 22.8 34.2





#71

Naphthalene

Concen: 4.014 ug/L

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD078957.D

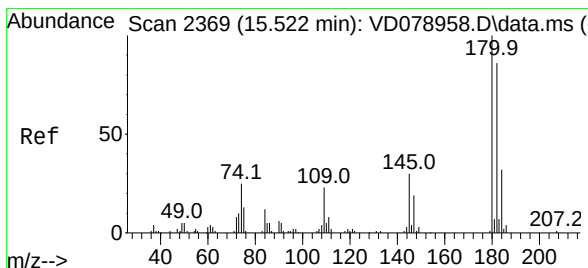
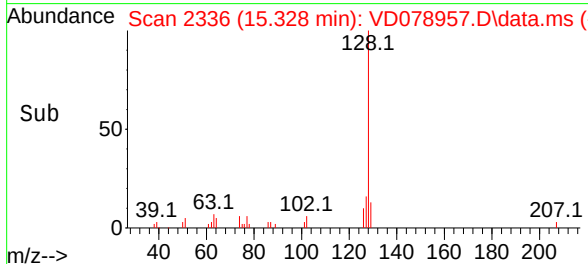
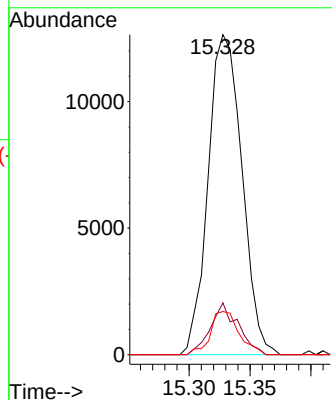
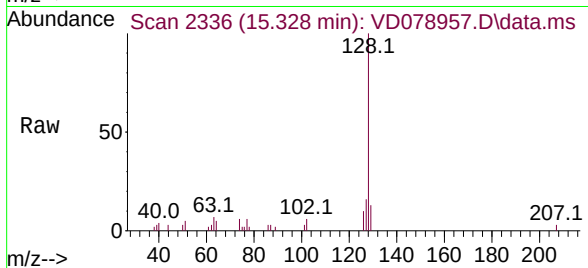
Acq: 17 May 2024 10:06

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	128	Resp:	24478
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	11.5	8.6	12.8



#72

1,2,3-Trichlorobenzene

Concen: 4.370 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078957.D

Acq: 17 May 2024 10:06

Tgt Ion:	180	Resp:	12210
Ion Ratio	Lower	Upper	
180	100		
182	90.2	77.2	115.8
145	31.3	24.4	36.6

