

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092624\
 Data File : VX043182.D
 Acq On : 26 Sep 2024 16:44
 Operator : JC/MD
 Sample : P4144-08ME 200X
 Misc : 5.11g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5-SBGME

Quant Time: Sep 27 01:43:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	85618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	167125	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62714	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74961	52.709	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.420%	
35) Dibromofluoromethane	5.385	113	57073	48.410	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.820%	
50) Toluene-d8	8.647	98	202138	50.678	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.360%	
62) 4-Bromofluorobenzene	11.079	95	71532	44.532	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 89.060%	

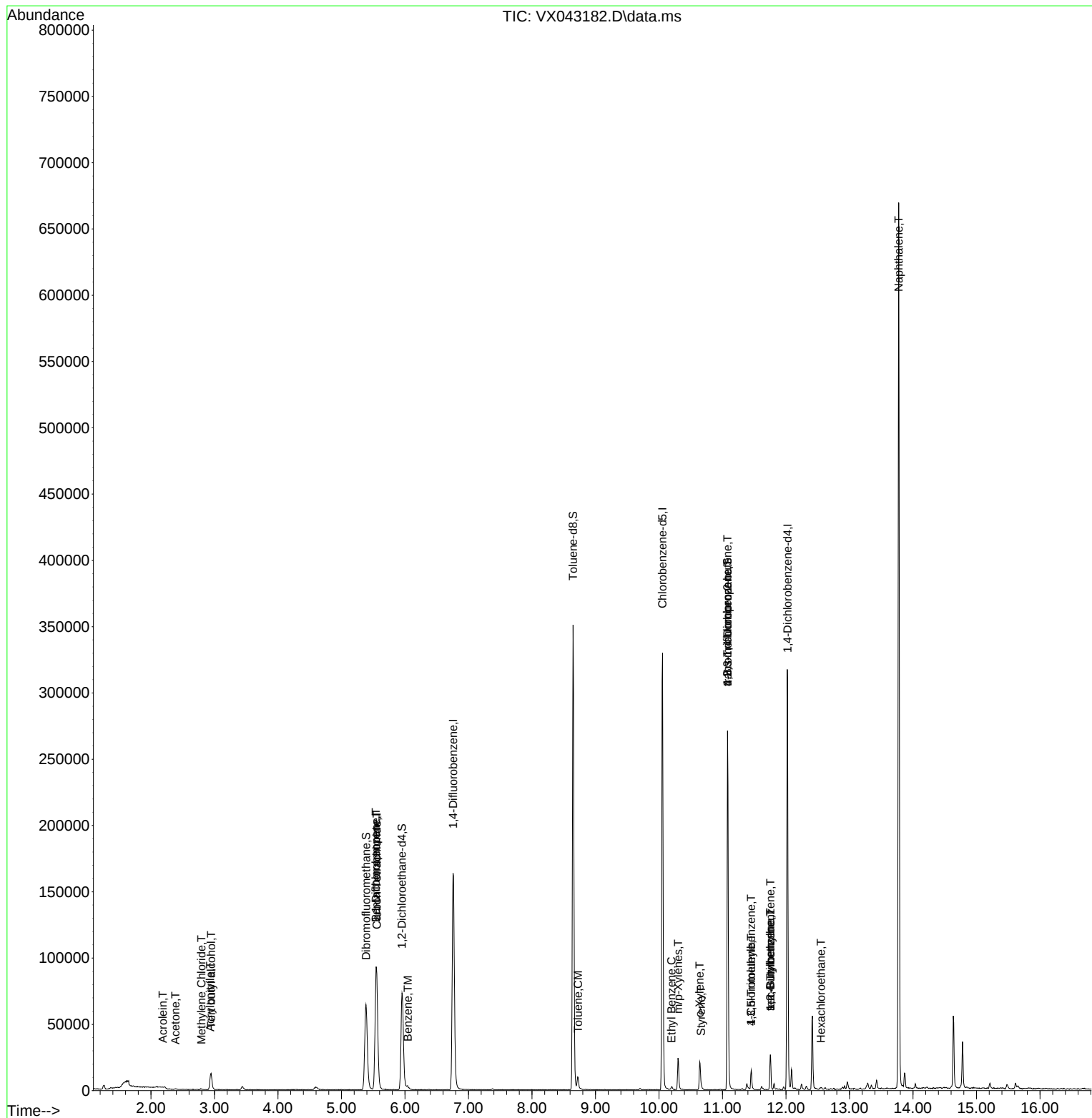
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.947	59	7153	22.527	ug/l #	77
13) Acrolein	2.185	56	120	2.868	ug/l #	30
15) Acrylonitrile	2.934	53	135	0.245	ug/l #	16
16) Acetone	2.386	43	837	1.258	ug/l	92
20) Methylene Chloride	2.794	84	239	0.226	ug/l #	79
36) 1,1-Dichloropropene	5.544	75	7457	5.148	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9678	5.186	ug/l #	16
40) Benzene	6.044	78	2966	0.694	ug/l #	86
52) Toluene	8.726	92	3542	1.287	ug/l	91
67) Ethyl Benzene	10.195	91	1678	0.309	ug/l	100
68) m/p-Xylenes	10.299	106	5893	2.914	ug/l	98
69) o-Xylene	10.640	106	4613	2.274	ug/l	98
70) Styrene	10.659	104	1782	0.527	ug/l #	68
76) 1,2,3-Trichloropropane	11.079	75	39956	29.967	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.451	105	6871	1.766	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	39956	71.399	ug/l #	7
82) 4-Chlorotoluene	11.451	91	899	0.235	ug/l #	46
83) tert-Butylbenzene	11.756	119	1504	0.375	ug/l #	55
84) 1,2,4-Trimethylbenzene	11.756	105	12531	3.237	ug/l	99
85) sec-Butylbenzene	11.756	105	12531	2.543	ug/l #	57
90) Hexachloroethane	12.549	117	262	0.321	ug/l #	17
95) Naphthalene	13.774	128	396777	90.814	ug/l	100

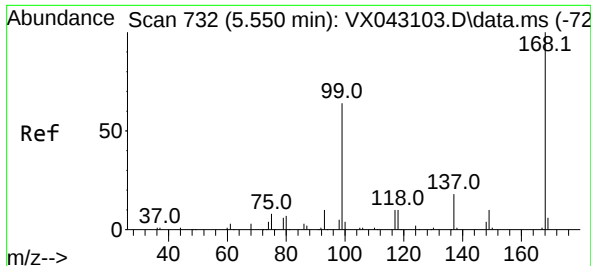
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
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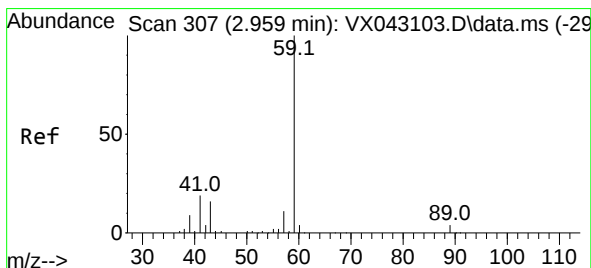
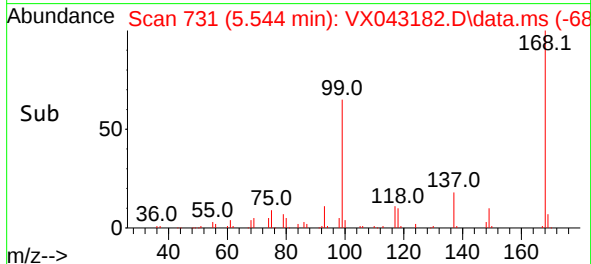
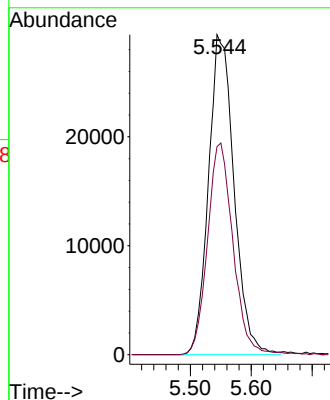
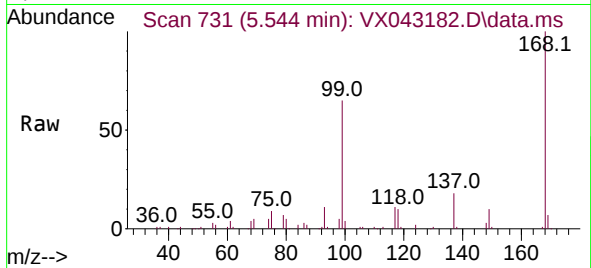




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043182.D
Acq: 26 Sep 2024 16:44

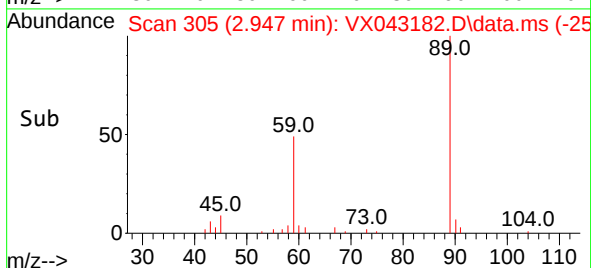
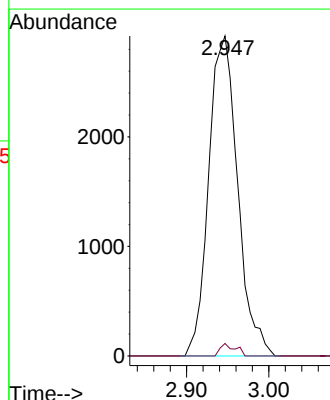
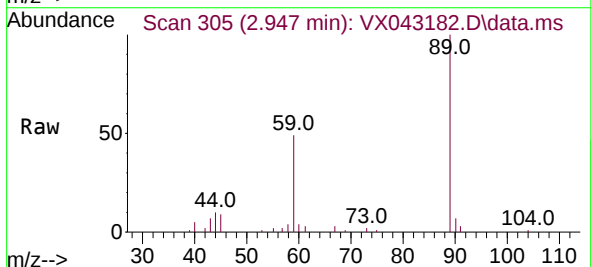
Instrument :
MSVOA_X
ClientSampleId :
5-SBGME

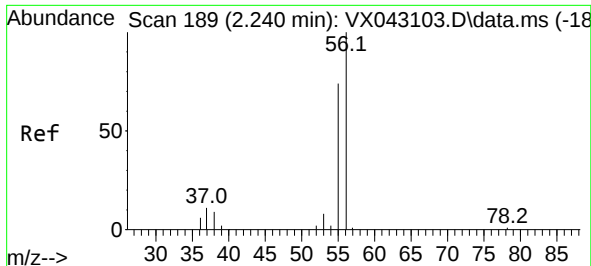
Tgt Ion:168 Resp: 85618
Ion Ratio Lower Upper
168 100
99 65.0 50.8 76.2



#11
Tert butyl alcohol
Concen: 22.527 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX043182.D
Acq: 26 Sep 2024 16:44

Tgt Ion: 59 Resp: 7153
Ion Ratio Lower Upper
59 100
57 2.0 8.6 13.0#

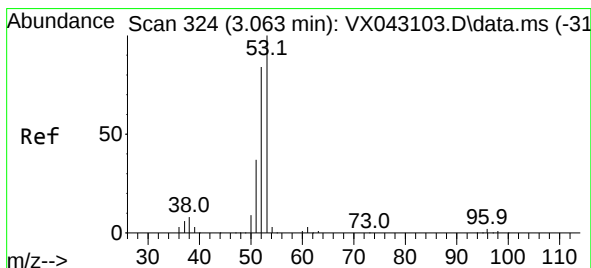
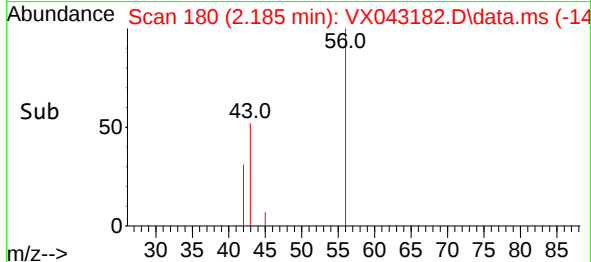
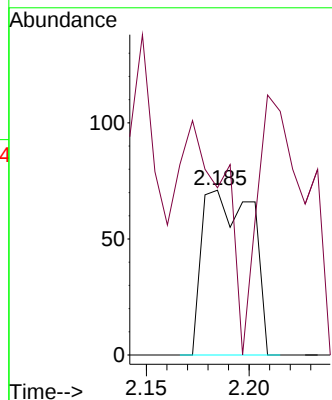
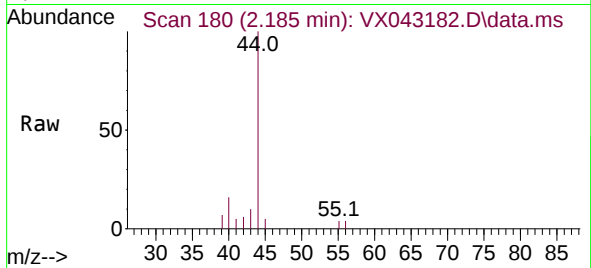




#13
Acrolein
Concen: 2.868 ug/l
RT: 2.185 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX043182.D
Acq: 26 Sep 2024 16:44

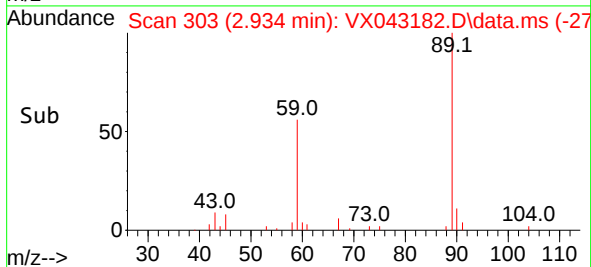
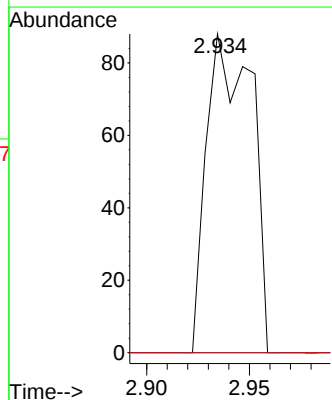
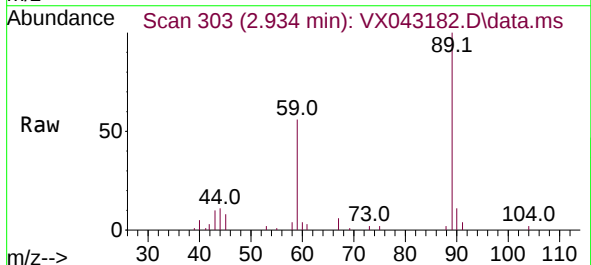
Instrument :
MSVOA_X
ClientSampleId :
5-SBGME

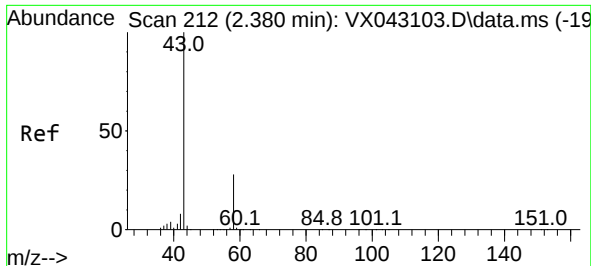
Tgt Ion: 56 Resp: 120
Ion Ratio Lower Upper
56 100
55 126.7 55.8 83.6#



#15
Acrylonitrile
Concen: 0.245 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.128 min
Lab File: VX043182.D
Acq: 26 Sep 2024 16:44

Tgt Ion: 53 Resp: 135
Ion Ratio Lower Upper
53 100
52 0.0 67.8 101.6#
51 0.0 30.6 45.8#

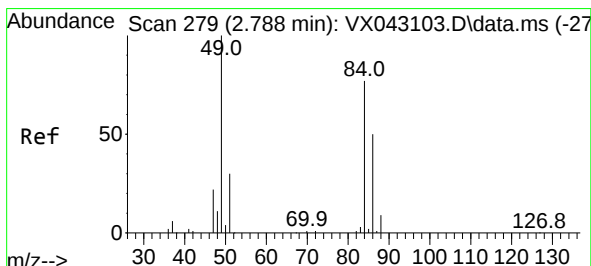
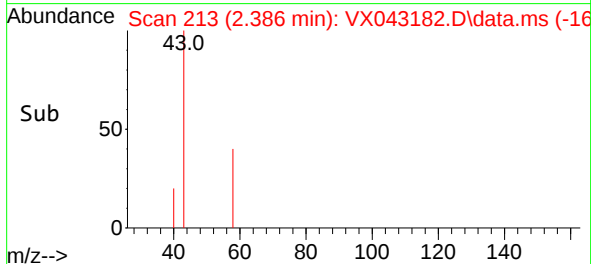
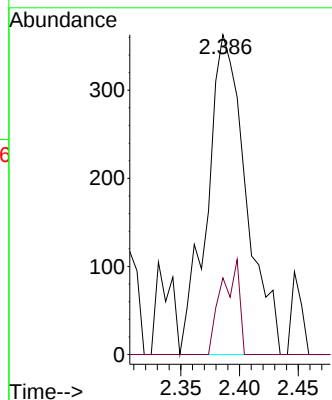
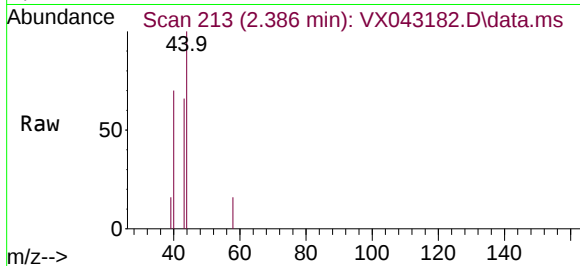




#16
Acetone
Concen: 1.258 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043182.D
Acq: 26 Sep 2024 16:44

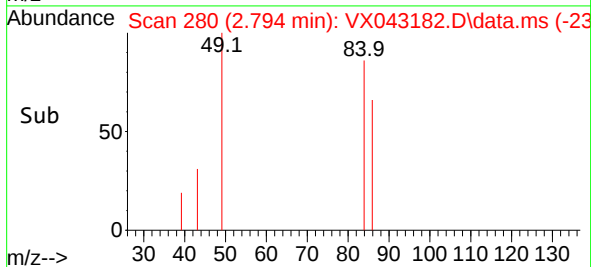
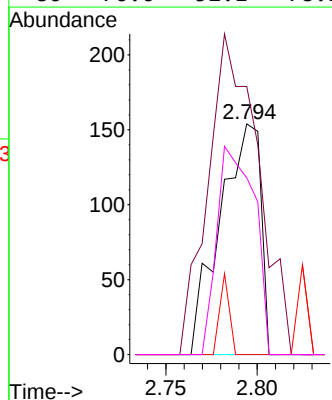
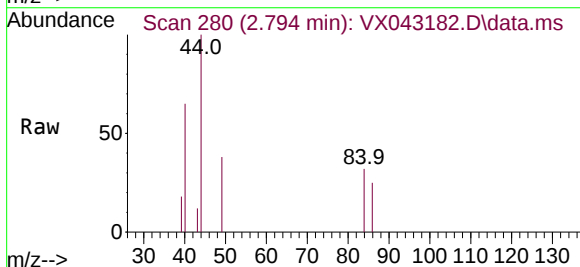
Instrument :
MSVOA_X
ClientSampleId :
5-SBGME

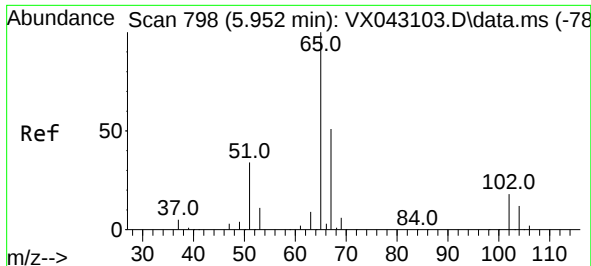
Tgt Ion: 43 Resp: 837
Ion Ratio Lower Upper
43 100
58 24.0 22.6 34.0



#20
Methylene Chloride
Concen: 0.226 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX043182.D
Acq: 26 Sep 2024 16:44

Tgt Ion: 84 Resp: 239
Ion Ratio Lower Upper
84 100
49 116.2 104.1 156.1
51 0.0 31.1 46.7#
86 76.6 52.1 78.1

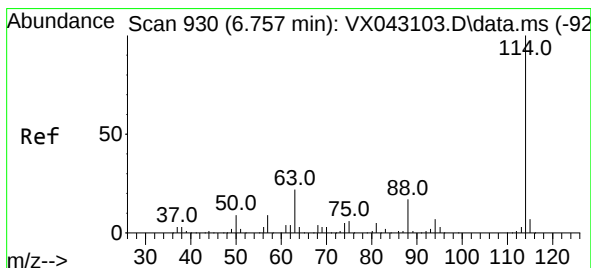
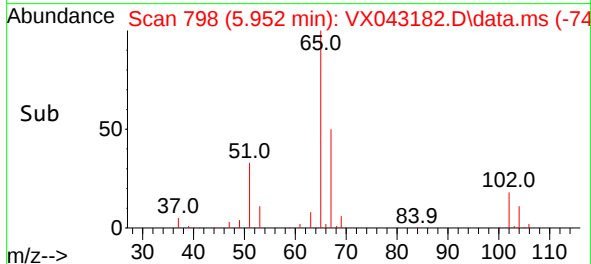
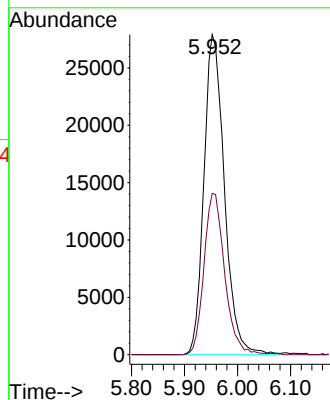
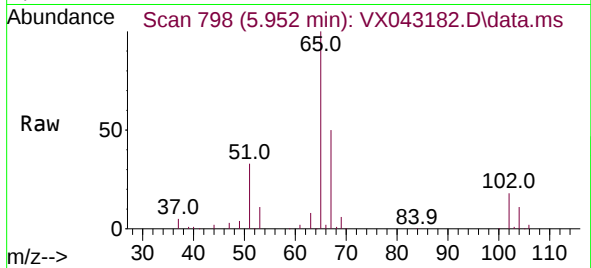




#33
 1,2-Dichloroethane-d4
 Concen: 52.709 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX043182.D
 Acq: 26 Sep 2024 16:44

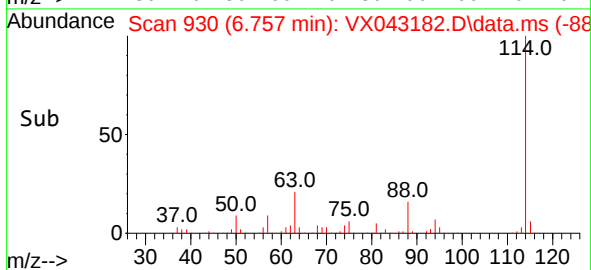
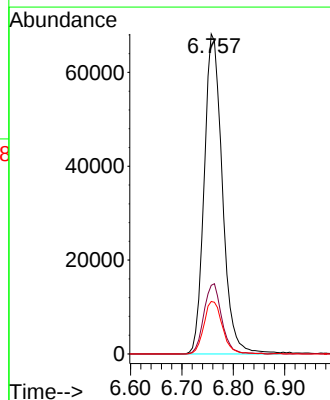
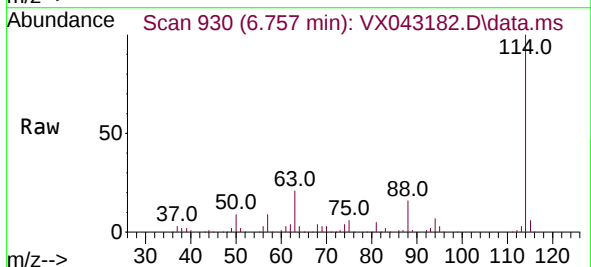
Instrument :
 MSVOA_X
 ClientSampleId :
 5-SBGME

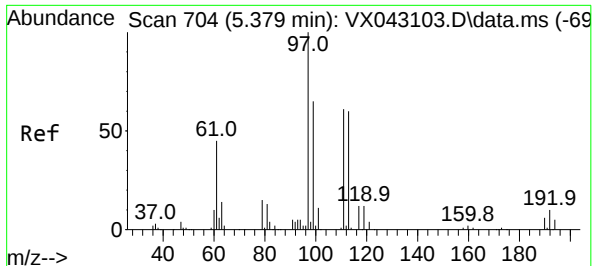
Tgt Ion: 65 Resp: 74961
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX043182.D
 Acq: 26 Sep 2024 16:44

Tgt Ion: 114 Resp: 167125
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.2
 88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.410 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043182.D

Acq: 26 Sep 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

5-SBGME

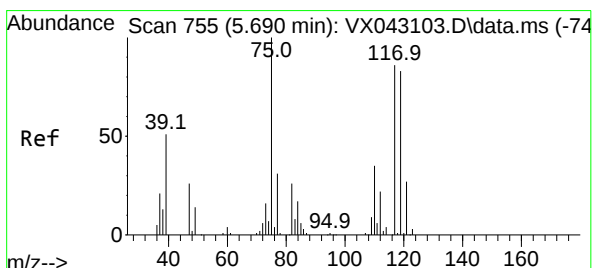
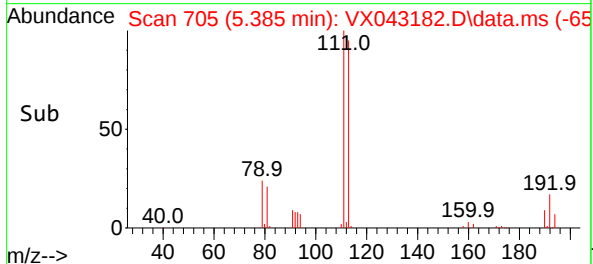
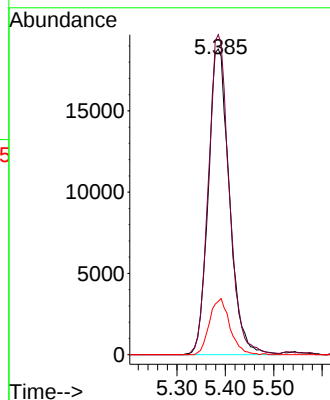
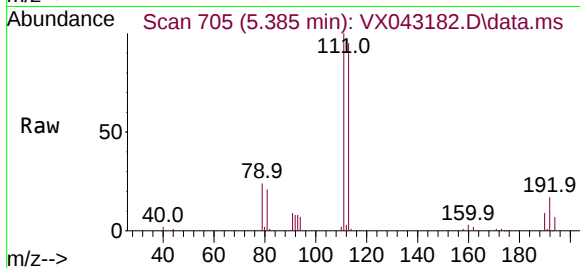
Tgt Ion:113 Resp: 57073

Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 17.7 14.6 22.0



#36

1,1-Dichloropropene

Concen: 5.148 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX043182.D

Acq: 26 Sep 2024 16:44

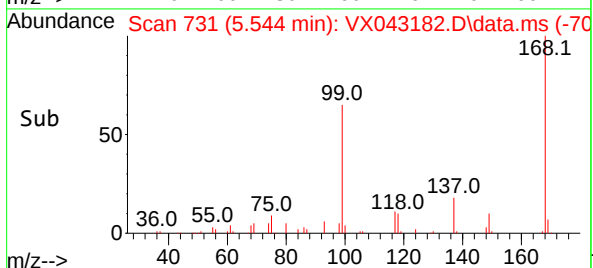
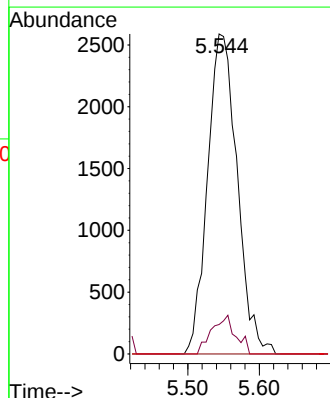
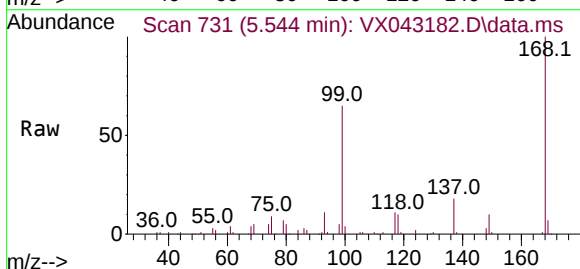
Tgt Ion: 75 Resp: 7457

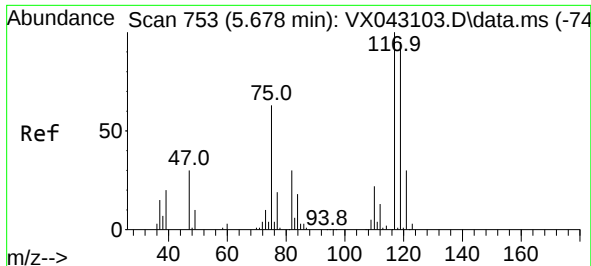
Ion Ratio Lower Upper

75 100

110 9.6 17.8 53.4#

77 0.0 25.2 37.8#

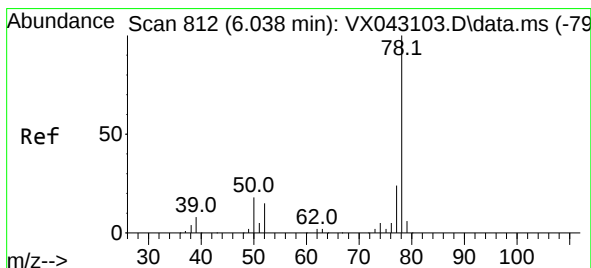
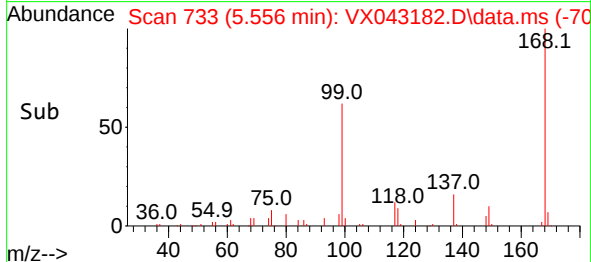
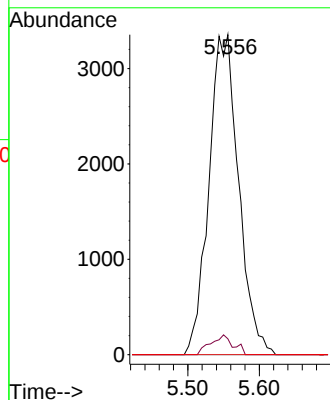
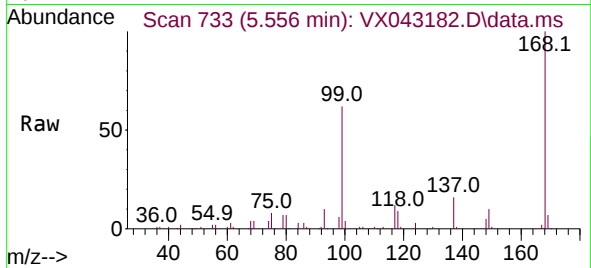




#38
Carbon Tetrachloride
Concen: 5.186 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043182.D
Acq: 26 Sep 2024 16:44

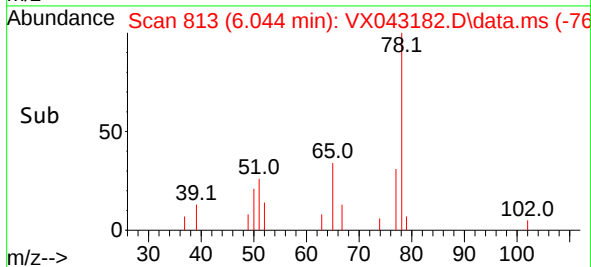
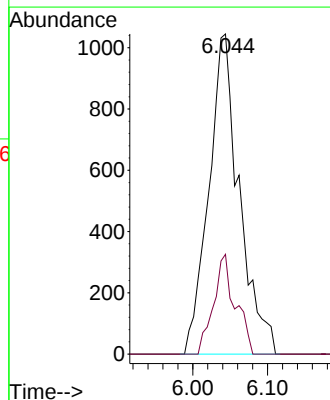
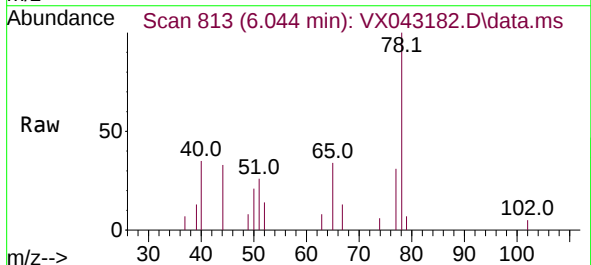
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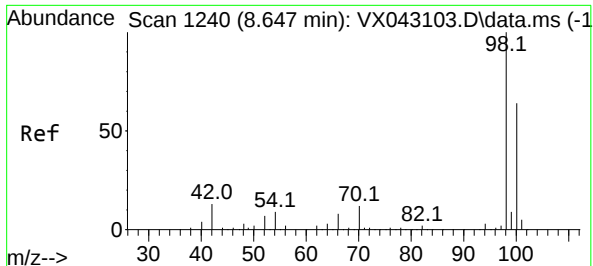
Tgt Ion:117 Resp: 9678
Ion Ratio Lower Upper
117 100
119 4.9 75.5 113.3#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 0.694 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX043182.D
Acq: 26 Sep 2024 16:44

Tgt Ion: 78 Resp: 2966
Ion Ratio Lower Upper
78 100
77 31.2 19.3 28.9#

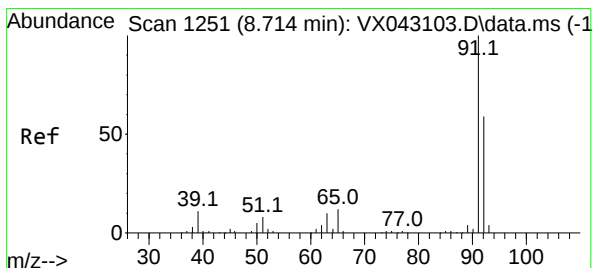
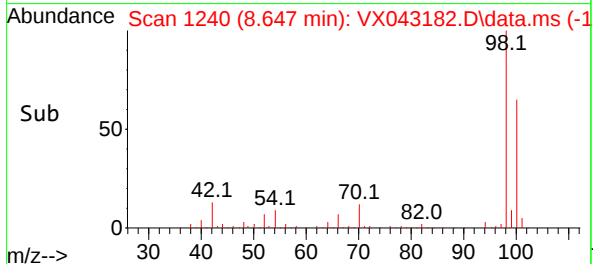
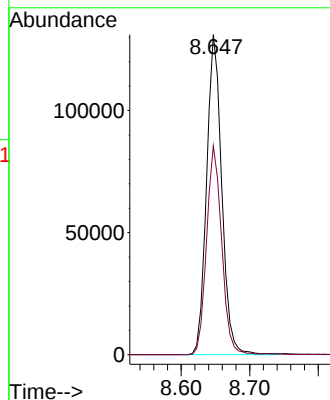
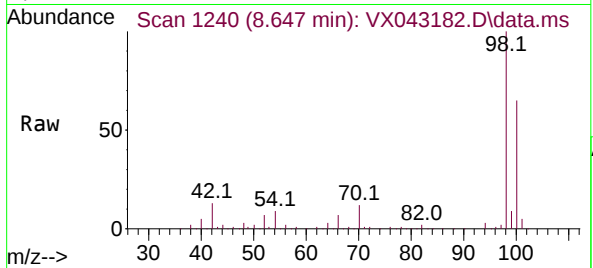




#50
Toluene-d8
Concen: 50.678 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043182.D
Acq: 26 Sep 2024 16:44

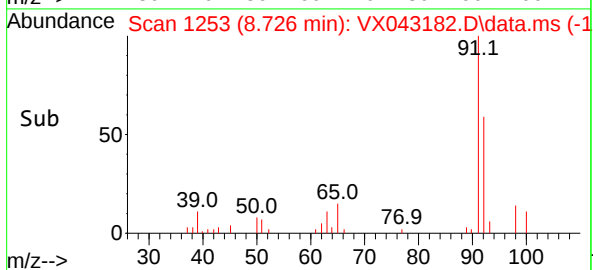
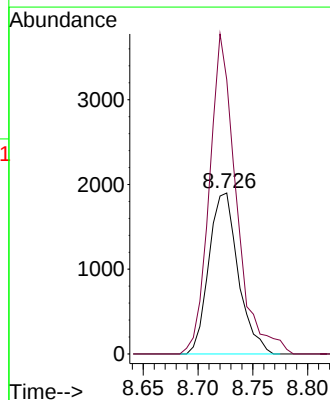
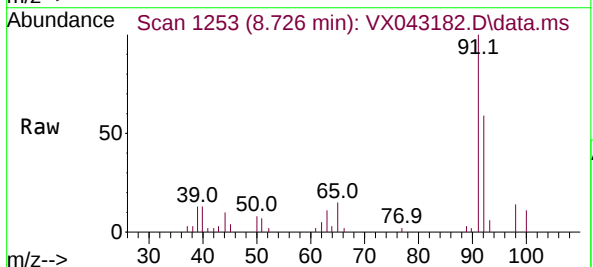
Instrument :
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ClientSampleId :
5-SBGME

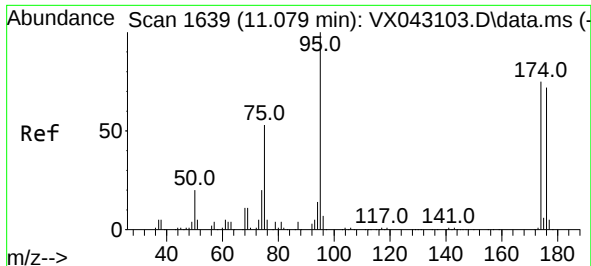
Tgt Ion: 98 Resp: 202138
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#52
Toluene
Concen: 1.287 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX043182.D
Acq: 26 Sep 2024 16:44

Tgt Ion: 92 Resp: 3542
Ion Ratio Lower Upper
92 100
91 182.1 135.9 203.9





#62

4-Bromofluorobenzene

Concen: 44.532 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043182.D

Acq: 26 Sep 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

5-SBGME

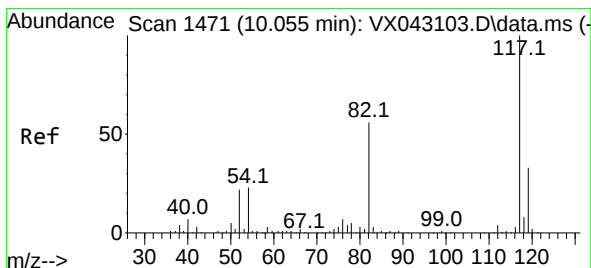
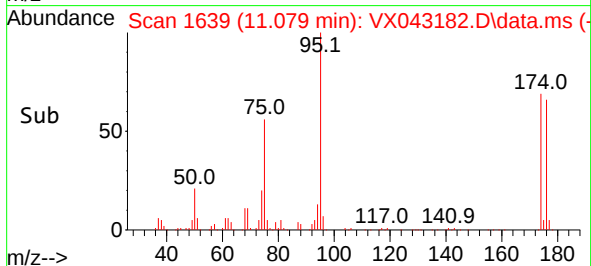
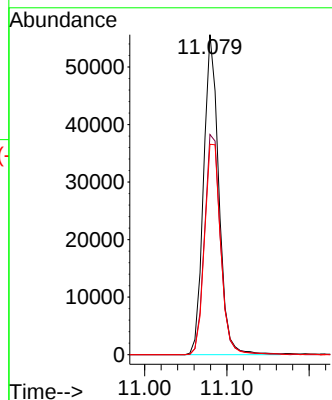
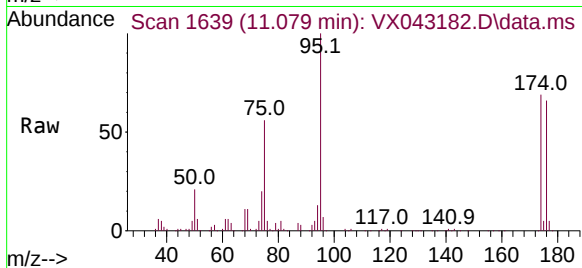
Tgt Ion: 95 Resp: 71532

Ion Ratio Lower Upper

95 100

174 72.3 0.0 146.0

176 70.3 0.0 142.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043182.D

Acq: 26 Sep 2024 16:44

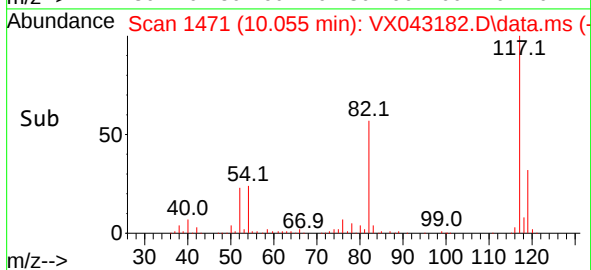
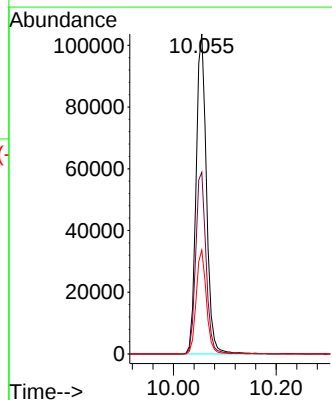
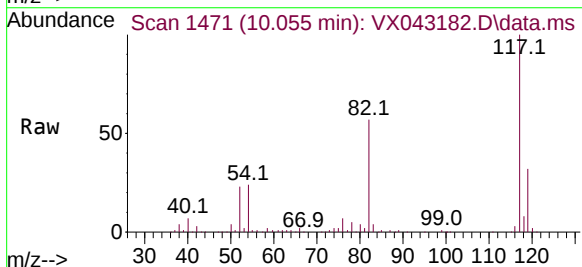
Tgt Ion: 117 Resp: 145627

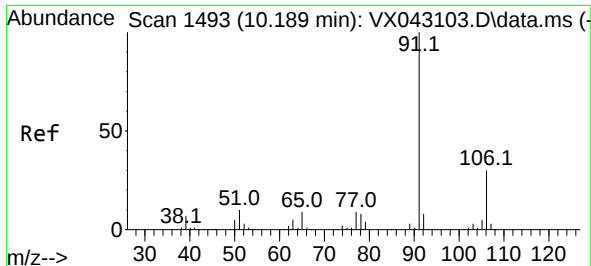
Ion Ratio Lower Upper

117 100

82 56.8 44.7 67.1

119 32.5 26.3 39.5





#67

Ethyl Benzene

Concen: 0.309 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX043182.D

Acq: 26 Sep 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

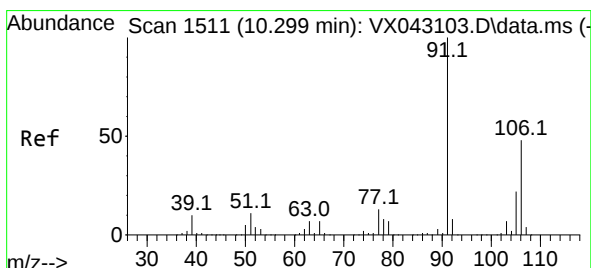
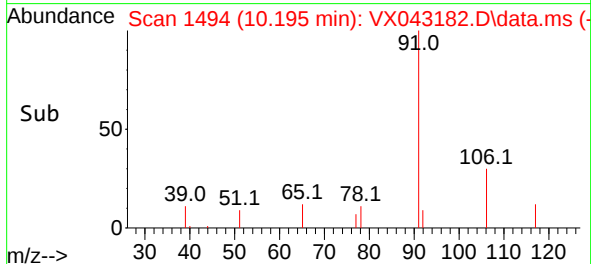
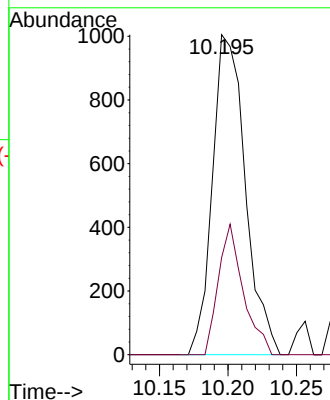
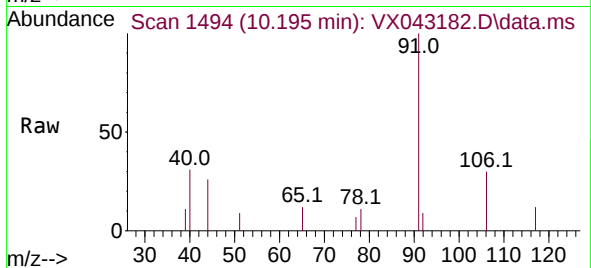
5-SBGME

Tgt Ion: 91 Resp: 1678

Ion Ratio Lower Upper

91 100

106 30.3 24.2 36.4



#68

m/p-Xylenes

Concen: 2.914 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX043182.D

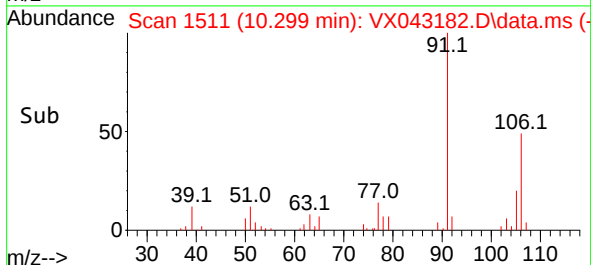
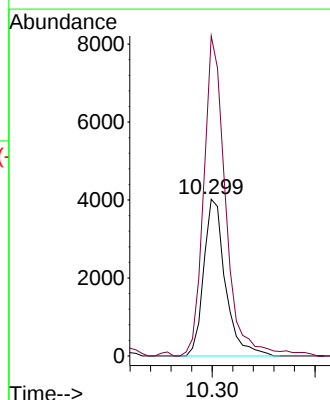
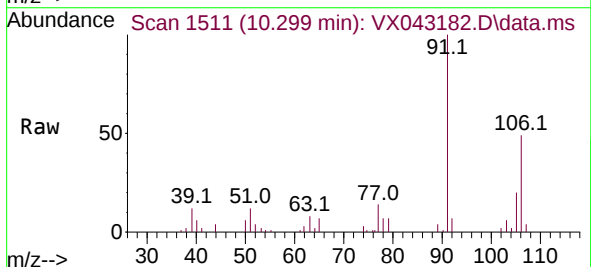
Acq: 26 Sep 2024 16:44

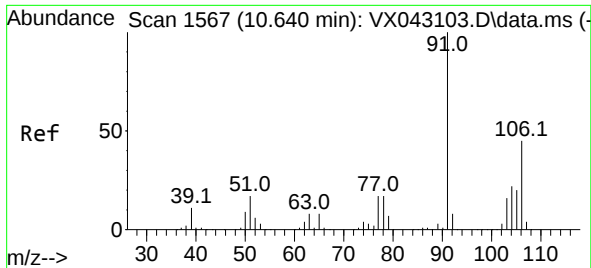
Tgt Ion: 106 Resp: 5893

Ion Ratio Lower Upper

106 100

91 206.4 167.5 251.3

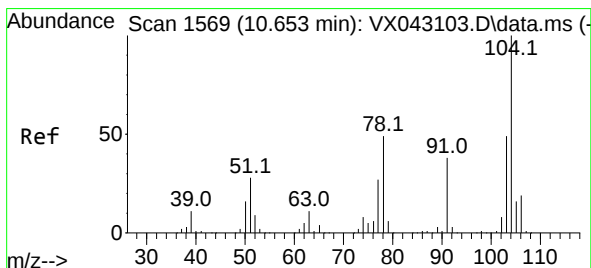
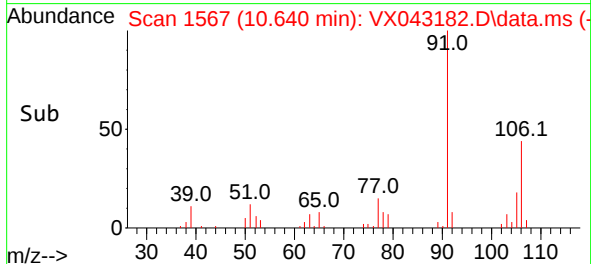
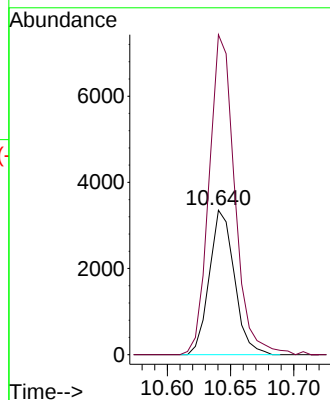
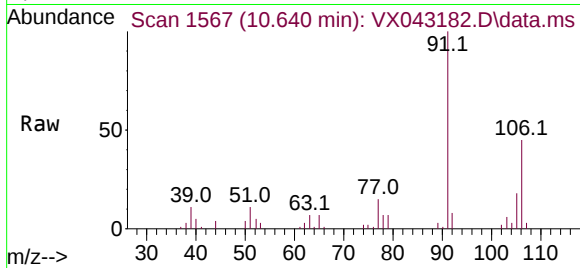




#69
o-Xylene
Concen: 2.274 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043182.D
Acq: 26 Sep 2024 16:44

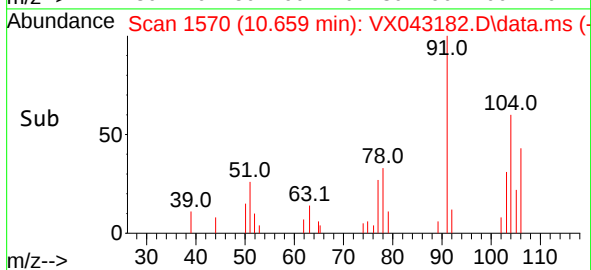
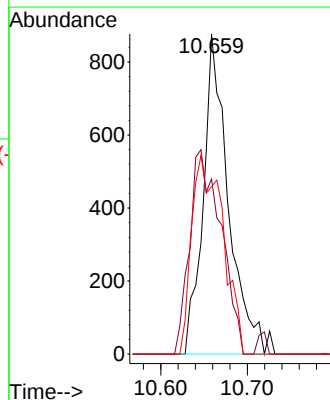
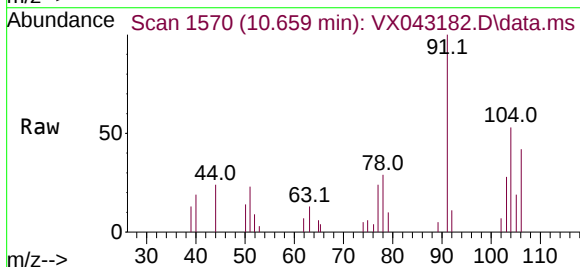
Instrument :
MSVOA_X
ClientSampleId :
5-SBGME

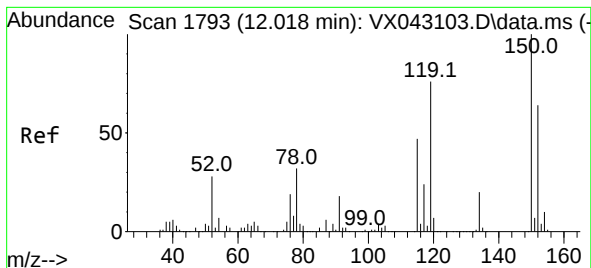
Tgt Ion:106 Resp: 4613
Ion Ratio Lower Upper
106 100
91 227.7 112.5 337.4



#70
Styrene
Concen: 0.527 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX043182.D
Acq: 26 Sep 2024 16:44

Tgt Ion:104 Resp: 1782
Ion Ratio Lower Upper
104 100
78 78.7 44.3 66.5#
103 76.4 43.4 65.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043182.D

Acq: 26 Sep 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

5-SBGME

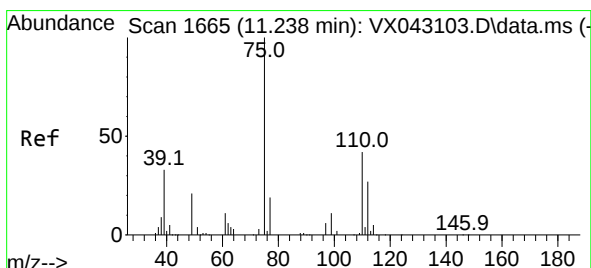
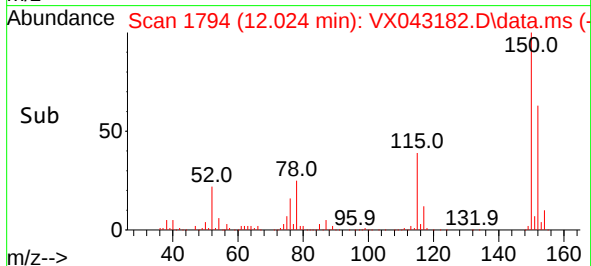
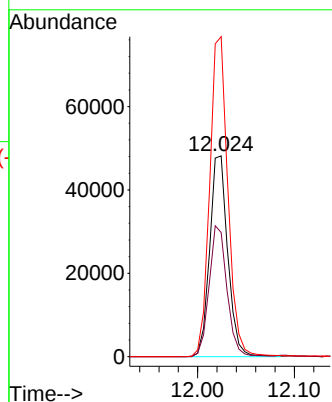
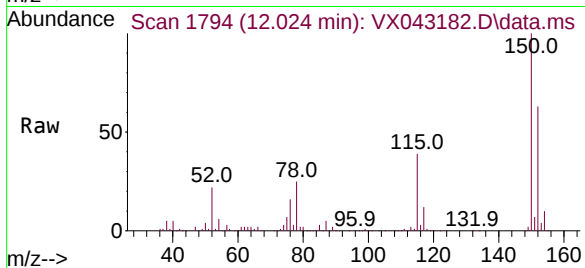
Tgt Ion:152 Resp: 62714

Ion Ratio Lower Upper

152 100

115 64.4 43.7 131.1

150 160.6 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 29.967 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043182.D

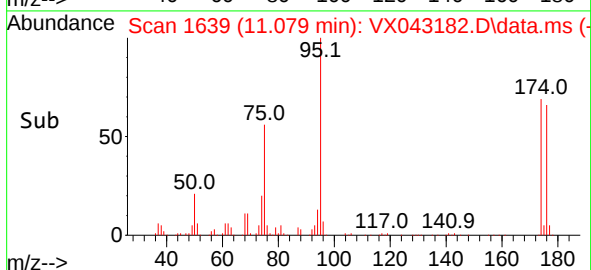
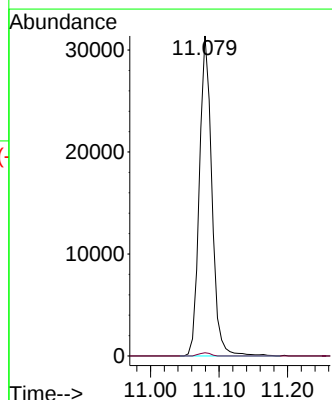
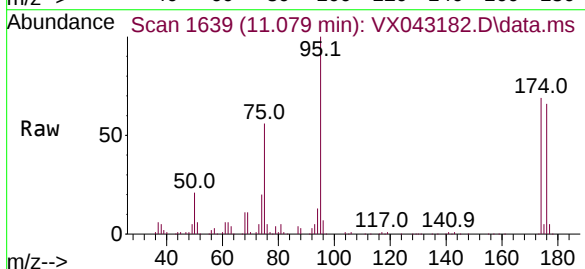
Acq: 26 Sep 2024 16:44

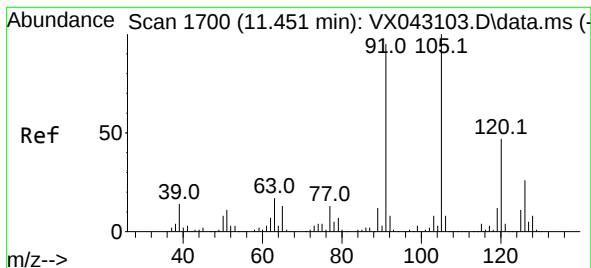
Tgt Ion: 75 Resp: 39956

Ion Ratio Lower Upper

75 100

77 0.9 21.9 65.7#





#80

1,3,5-Trimethylbenzene

Concen: 1.766 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043182.D

Acq: 26 Sep 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

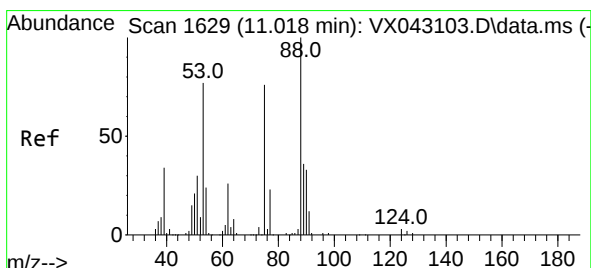
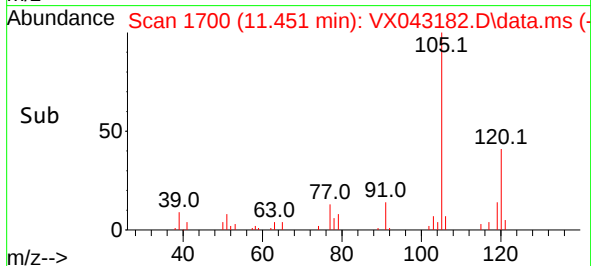
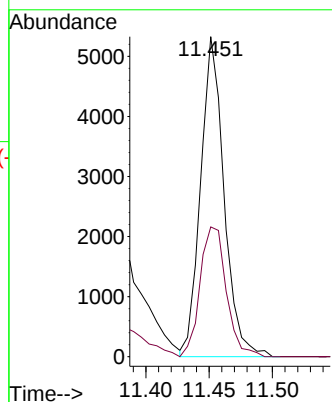
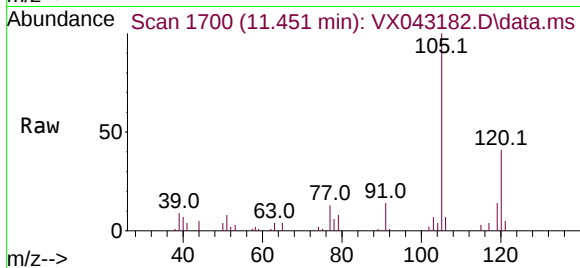
5-SBGME

Tgt Ion:105 Resp: 6871

Ion Ratio Lower Upper

105 100

120 45.5 23.5 70.5



#81

trans-1,4-Dichloro-2-butene

Concen: 71.399 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043182.D

Acq: 26 Sep 2024 16:44

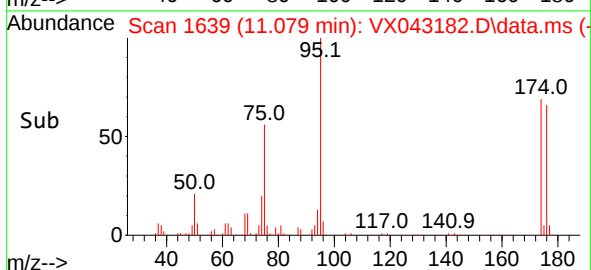
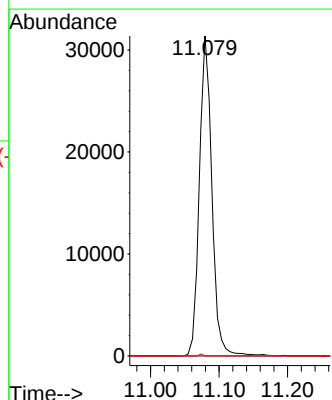
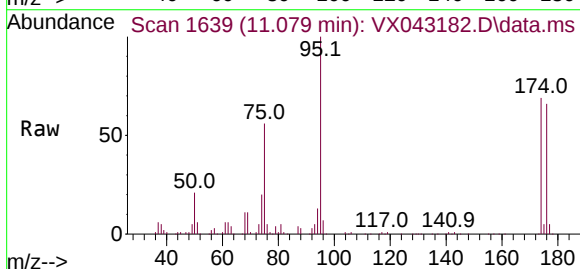
Tgt Ion: 75 Resp: 39956

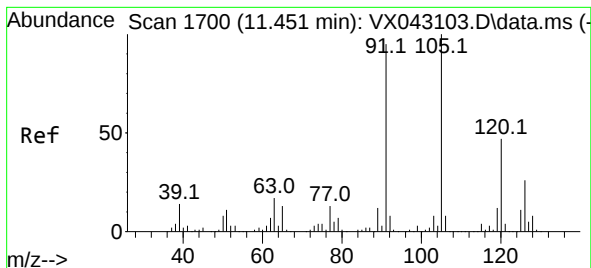
Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.2#

89 0.2 38.8 58.2#

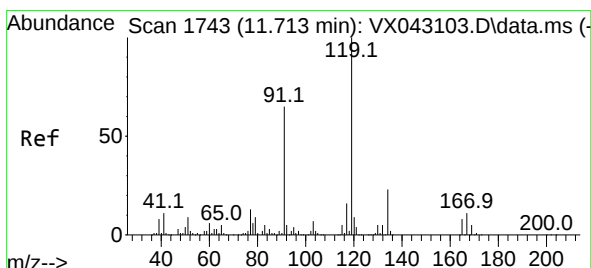
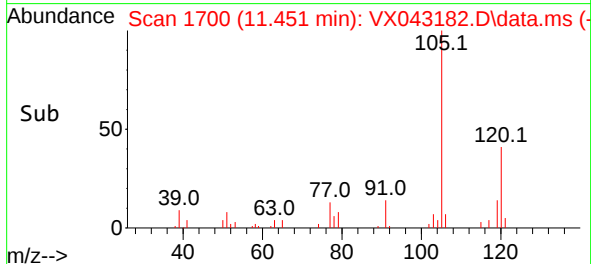
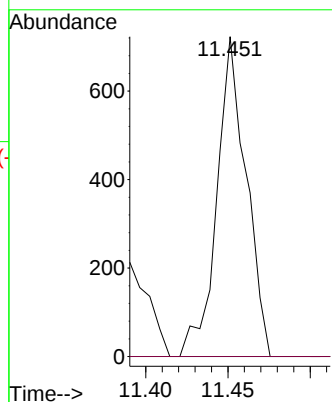
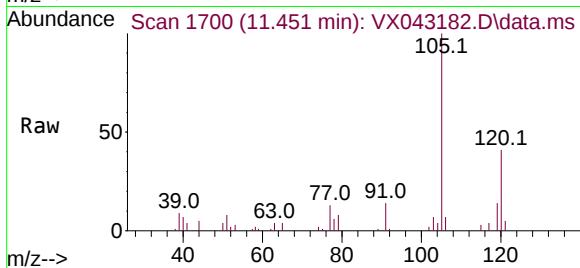




#82
4-Chlorotoluene
Concen: 0.235 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043182.D
Acq: 26 Sep 2024 16:44

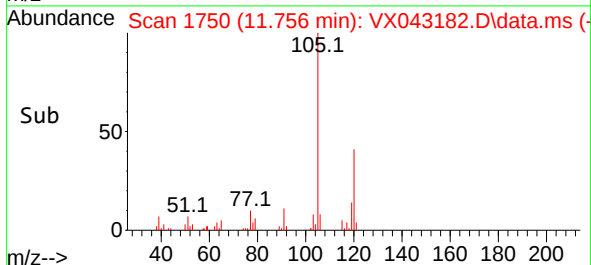
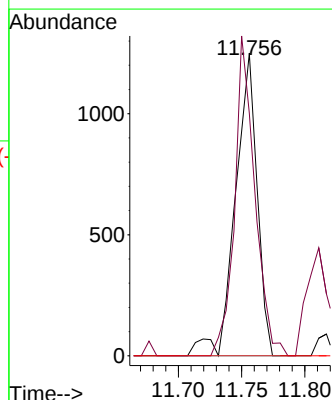
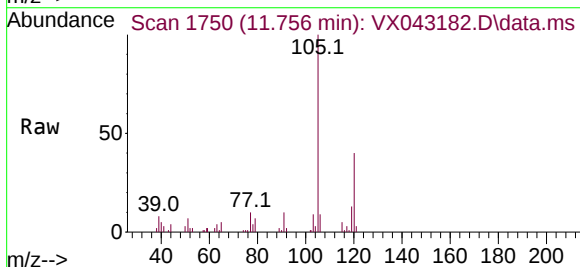
Instrument :
MSVOA_X
ClientSampleId :
5-SBGME

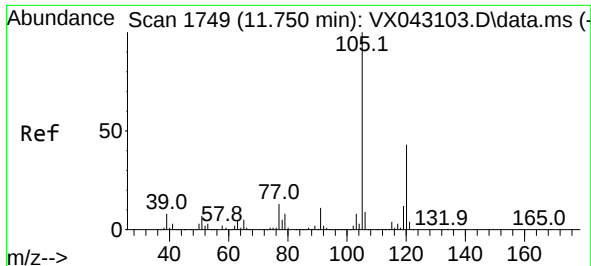
Tgt Ion: 91 Resp: 899
Ion Ratio Lower Upper
91 100
126 0.0 14.1 42.4#



#83
tert-Butylbenzene
Concen: 0.375 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.043 min
Lab File: VX043182.D
Acq: 26 Sep 2024 16:44

Tgt Ion: 119 Resp: 1504
Ion Ratio Lower Upper
119 100
91 97.7 31.8 95.3#
134 0.0 11.6 34.7#

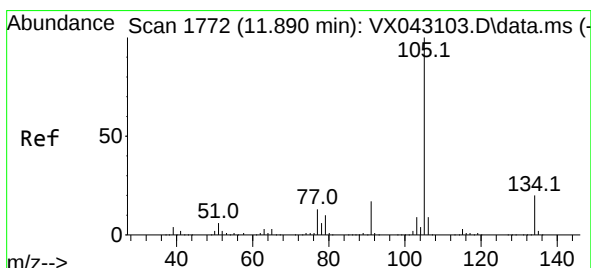
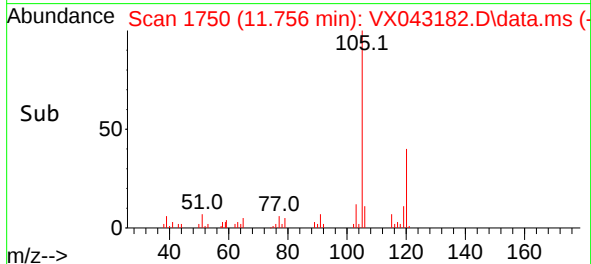
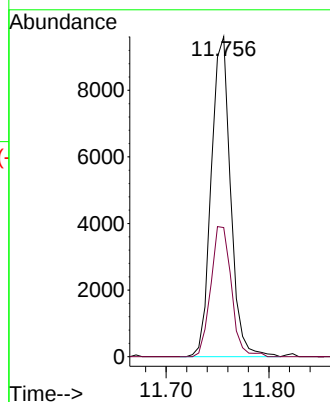
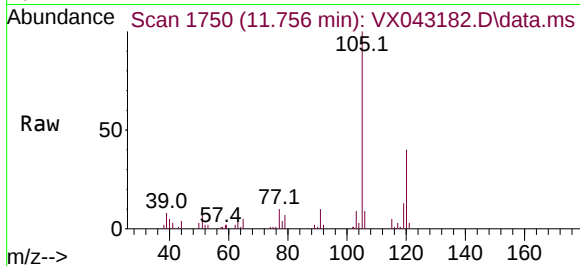




#84
 1,2,4-Trimethylbenzene
 Concen: 3.237 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX043182.D
 Acq: 26 Sep 2024 16:44

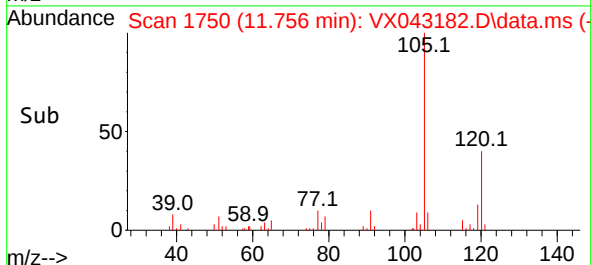
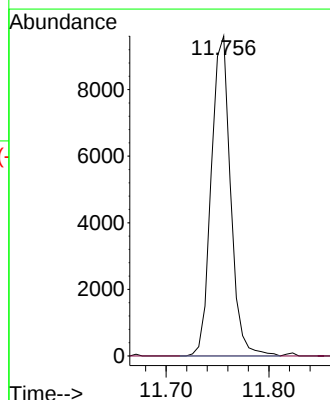
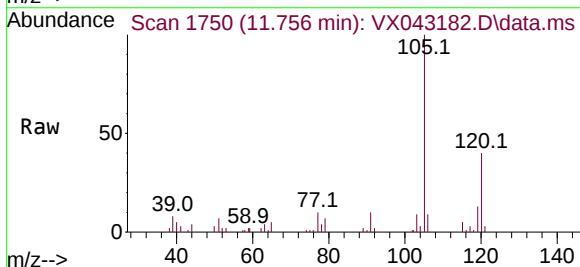
Instrument :
 MSVOA_X
 ClientSampleId :
 5-SBGME

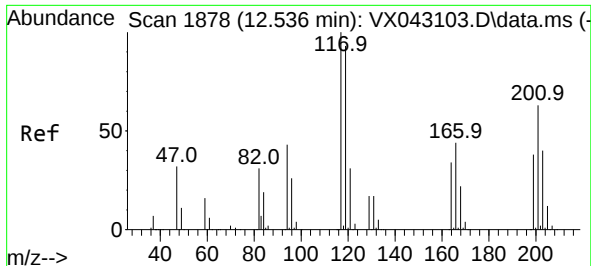
Tgt Ion:105 Resp: 12531
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.8 65.4



#85
 sec-Butylbenzene
 Concen: 2.543 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.134 min
 Lab File: VX043182.D
 Acq: 26 Sep 2024 16:44

Tgt Ion:105 Resp: 12531
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 29.8#

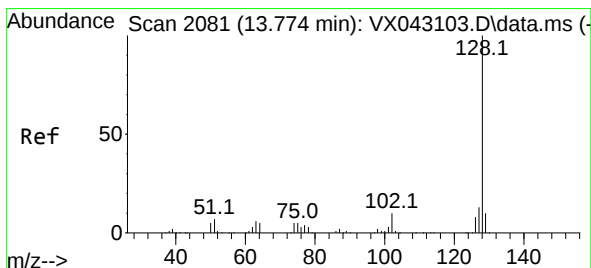
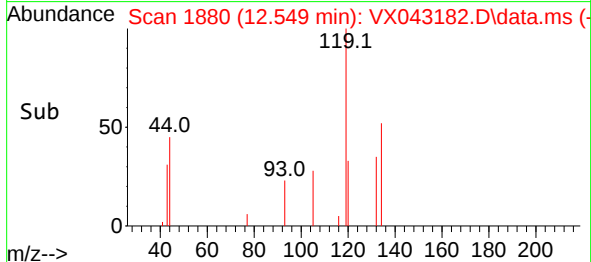
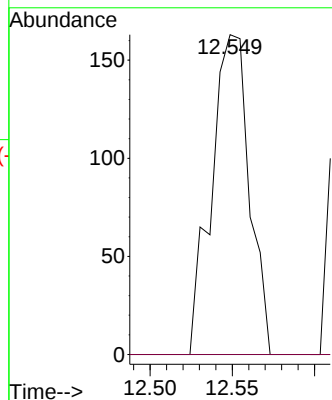
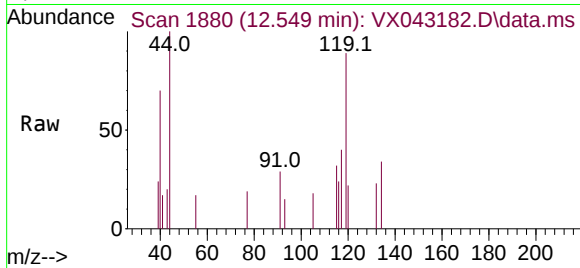




#90
Hexachloroethane
Concen: 0.321 ug/l
RT: 12.549 min Scan# 1880
Delta R.T. 0.012 min
Lab File: VX043182.D
Acq: 26 Sep 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :
5-SBGME

Tgt Ion:117 Resp: 262
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#



#95
Naphthalene
Concen: 90.814 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX043182.D
Acq: 26 Sep 2024 16:44

Tgt Ion:128 Resp: 396777
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.6 13.0

