

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043147.D
 Acq On : 25 Sep 2024 12:53
 Operator : JC/MD
 Sample : P4144-07DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2-SBGDL

Quant Time: Sep 26 01:33:46 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)

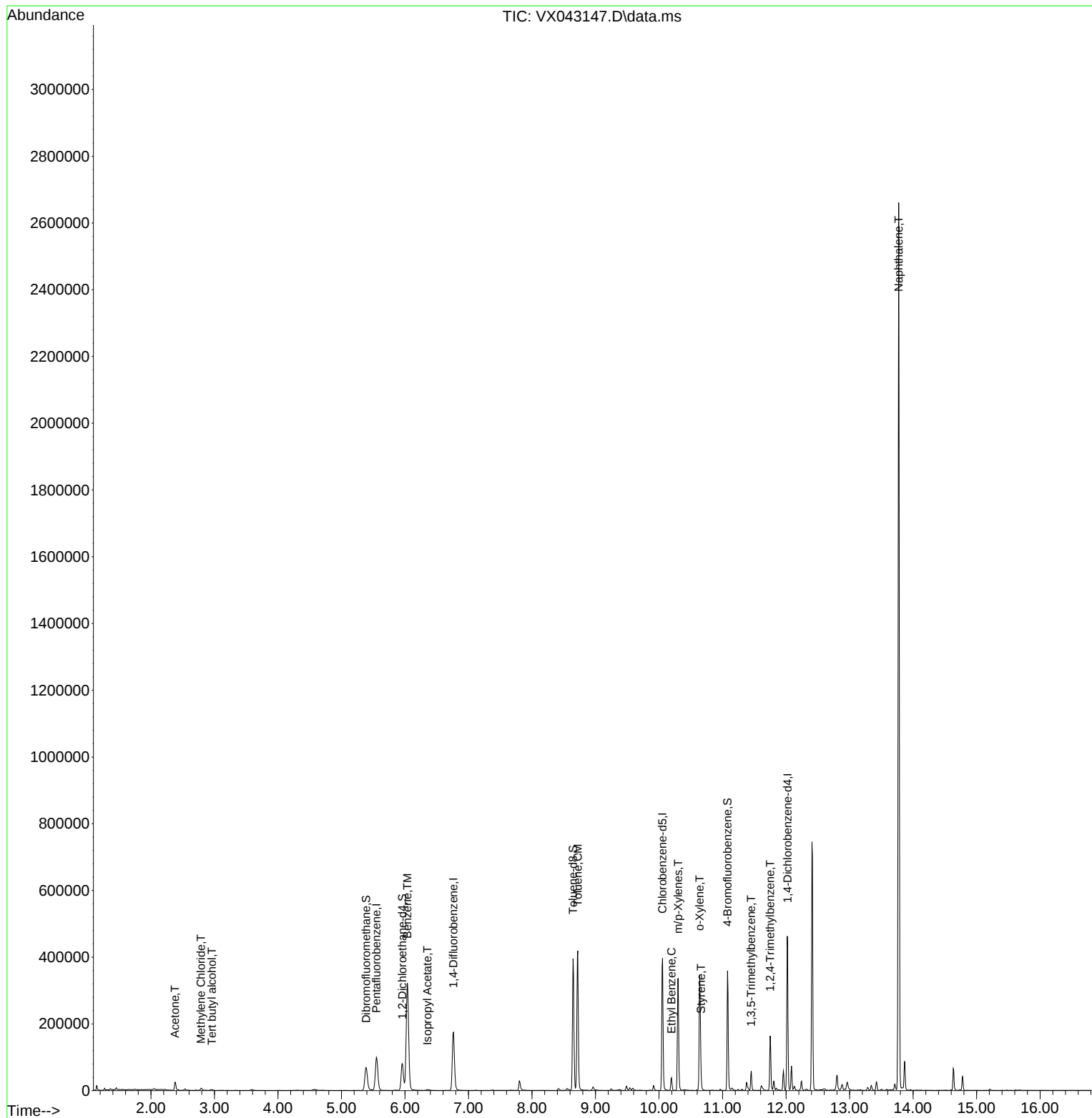
Internal Standards						
1) Pentafluorobenzene	5.550	168	89924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179199	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80365	53.803	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.600%	
35) Dibromofluoromethane	5.385	113	60762	48.066	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.140%	
50) Toluene-d8	8.647	98	221641	51.824	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.640%	
62) 4-Bromofluorobenzene	11.079	95	91729	53.258	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	2788	8.360	ug/l	100
16) Acetone	2.380	43	26662	38.168	ug/l	94
20) Methylene Chloride	2.788	84	3222	2.899	ug/l #	82
40) Benzene	6.038	78	385180	84.037	ug/l	100
43) Isopropyl Acetate	6.355	43	3753	1.152	ug/l #	85
52) Toluene	8.720	92	156234	52.929	ug/l	99
67) Ethyl Benzene	10.195	91	23107	3.544	ug/l	98
68) m/p-Xylenes	10.299	106	73195	30.165	ug/l	100
69) o-Xylene	10.640	106	68913	28.315	ug/l	98
70) Styrene	10.659	104	28306	6.972	ug/l #	67
80) 1,3,5-Trimethylbenzene	11.451	105	24254	4.355	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	64498	11.642	ug/l	88
95) Naphthalene	13.774	128	1546188	247.300	ug/l	99

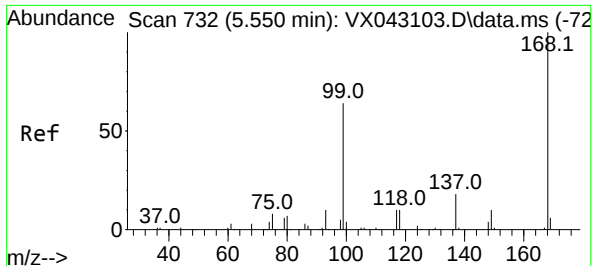
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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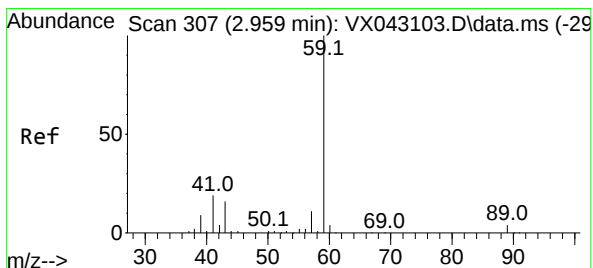
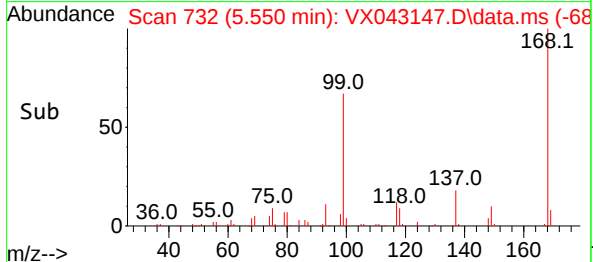
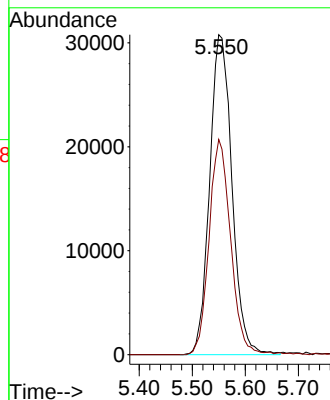
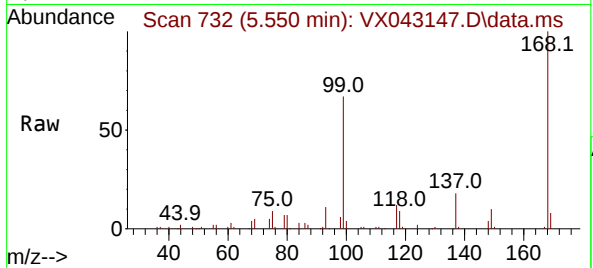




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX043147.D
Acq: 25 Sep 2024 12:53

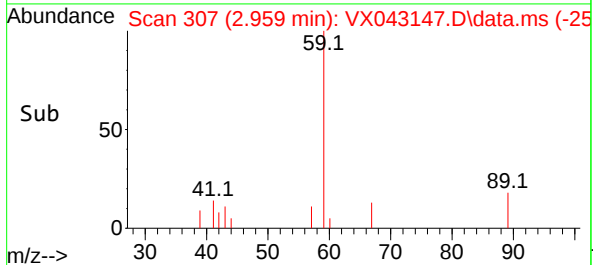
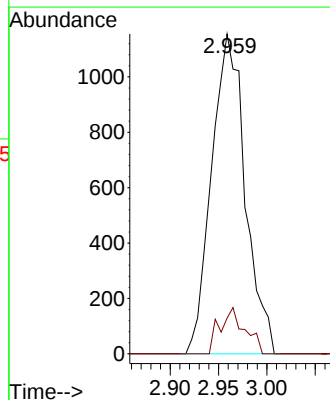
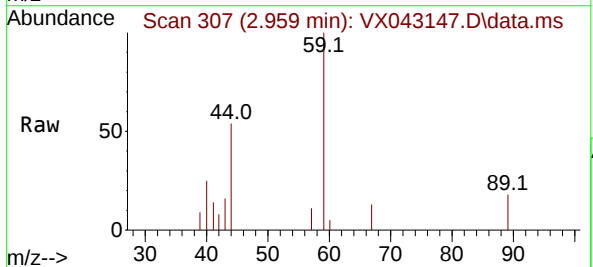
Instrument :
MSVOA_X
ClientSampleId :
2-SBGDL

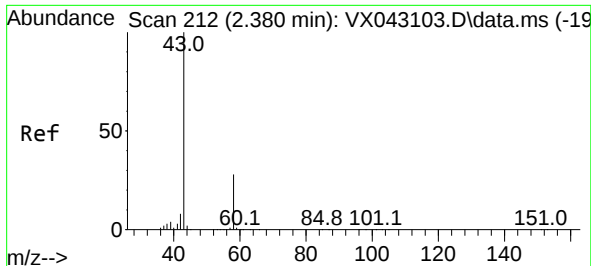
Tgt Ion:168 Resp: 89924
Ion Ratio Lower Upper
168 100
99 67.2 50.8 76.2



#11
Tert butyl alcohol
Concen: 8.360 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX043147.D
Acq: 25 Sep 2024 12:53

Tgt Ion: 59 Resp: 2788
Ion Ratio Lower Upper
59 100
57 10.7 8.6 13.0

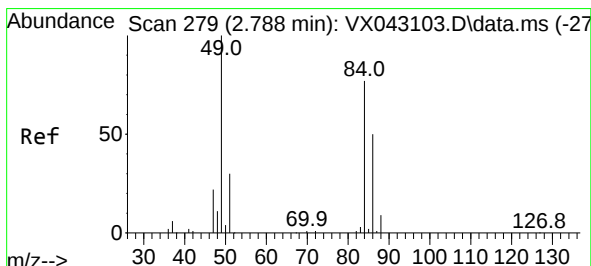
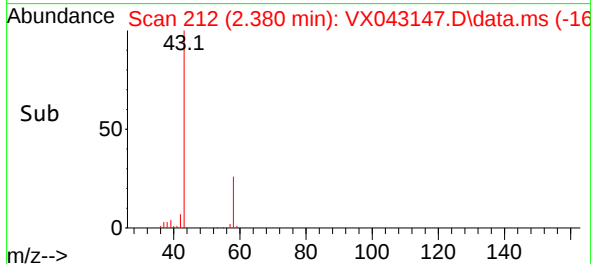
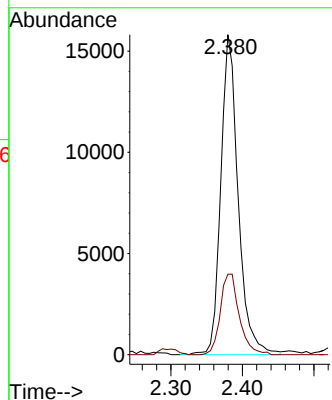
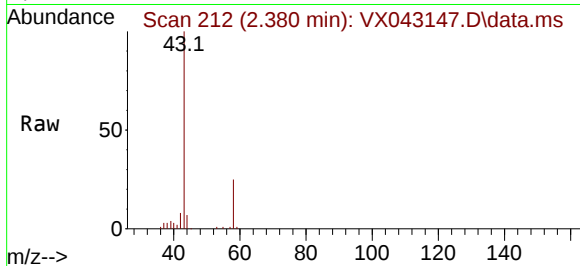




#16
Acetone
Concen: 38.168 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX043147.D
Acq: 25 Sep 2024 12:53

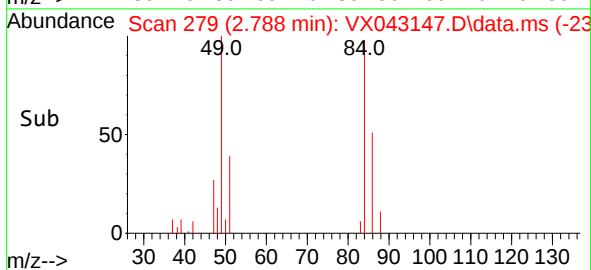
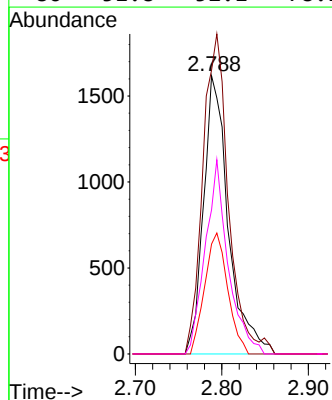
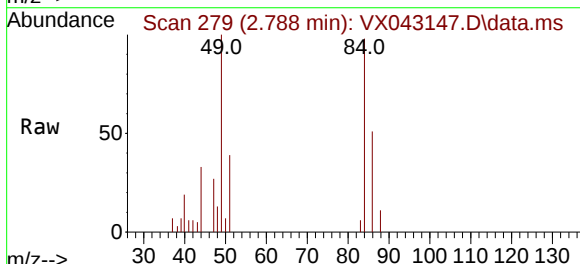
Instrument :
MSVOA_X
ClientSampleId :
2-SBGDL

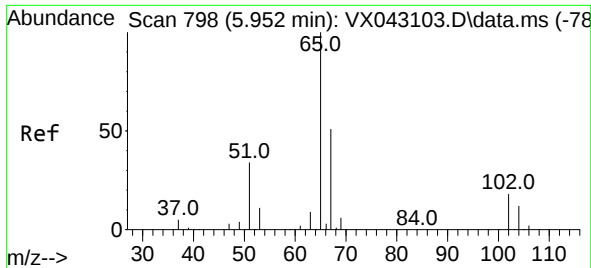
Tgt Ion: 43 Resp: 26662
Ion Ratio Lower Upper
43 100
58 25.2 22.6 34.0



#20
Methylene Chloride
Concen: 2.899 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043147.D
Acq: 25 Sep 2024 12:53

Tgt Ion: 84 Resp: 3222
Ion Ratio Lower Upper
84 100
49 102.1 104.1 156.1#
51 39.5 31.1 46.7
86 51.8 52.1 78.1#

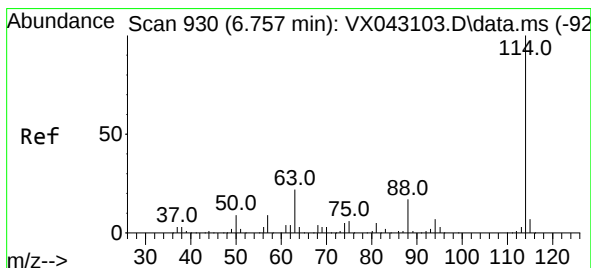
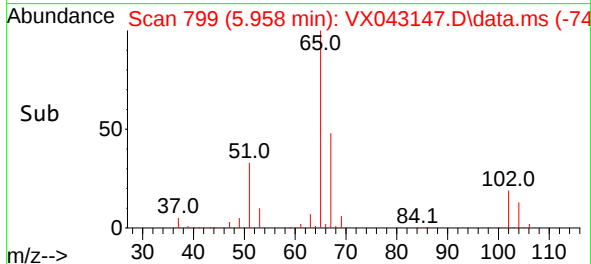
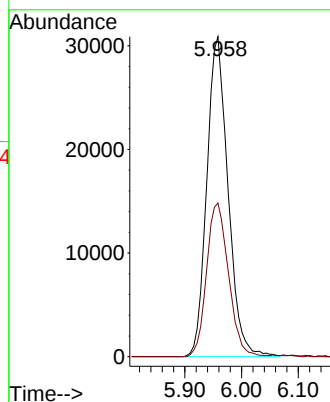
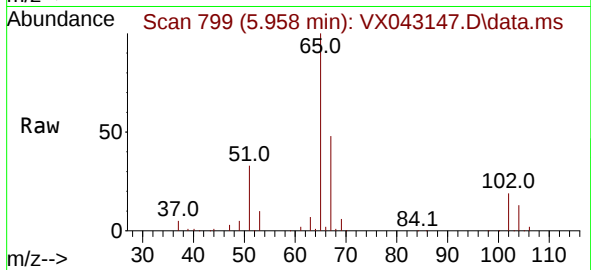




#33
 1,2-Dichloroethane-d4
 Concen: 53.803 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX043147.D
 Acq: 25 Sep 2024 12:53

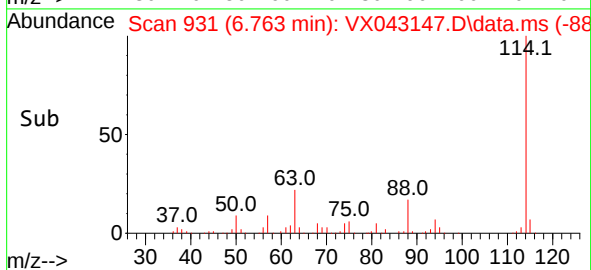
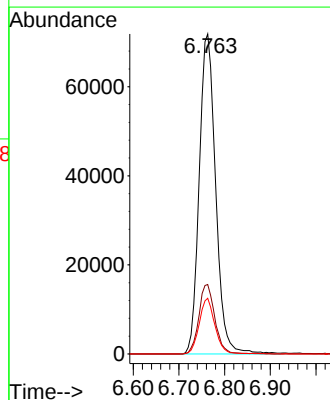
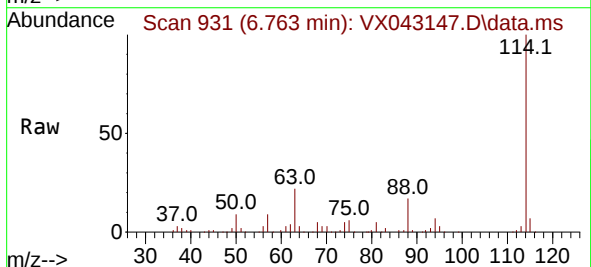
Instrument :
 MSVOA_X
 ClientSampleId :
 2-SBGDL

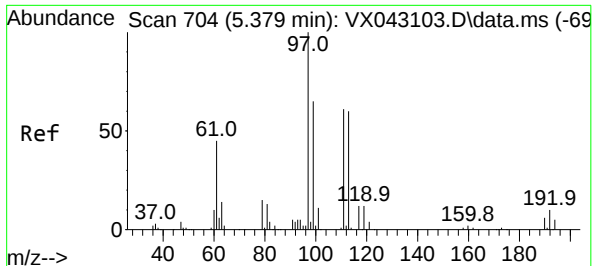
Tgt Ion: 65 Resp: 80365
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX043147.D
 Acq: 25 Sep 2024 12:53

Tgt Ion: 114 Resp: 179199
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 17.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.066 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043147.D

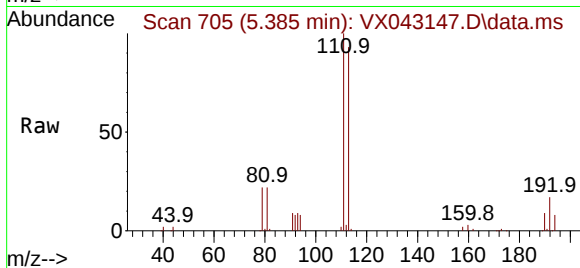
Acq: 25 Sep 2024 12:53

Instrument :

MSVOA_X

ClientSampleId :

2-SBGDL



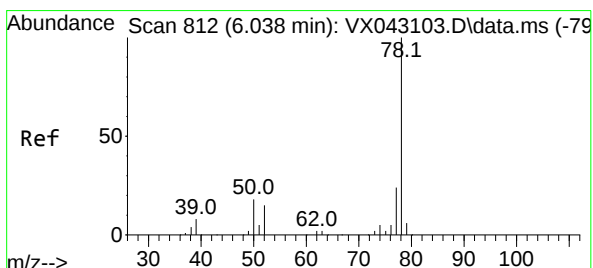
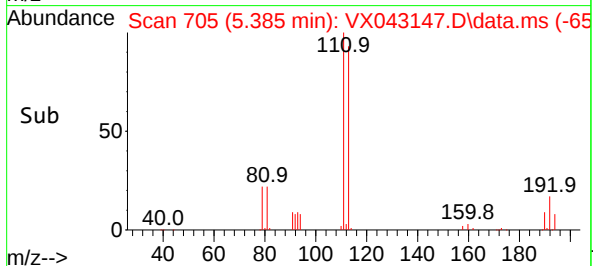
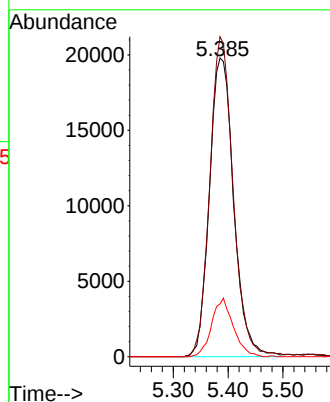
Tgt Ion:113 Resp: 60762

Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 17.5 14.6 22.0



#40

Benzene

Concen: 84.037 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX043147.D

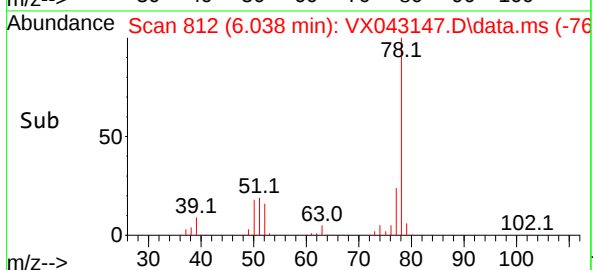
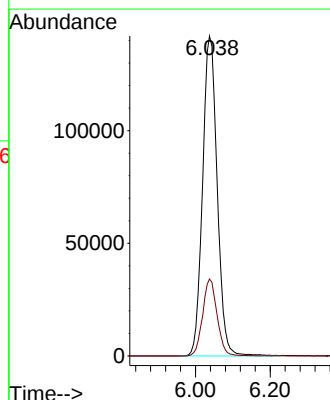
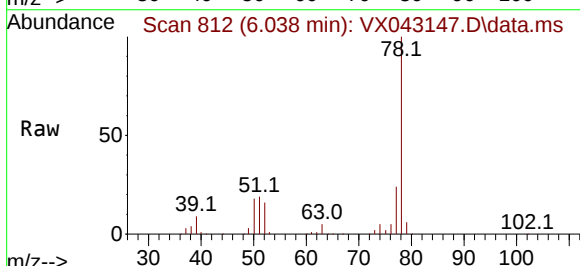
Acq: 25 Sep 2024 12:53

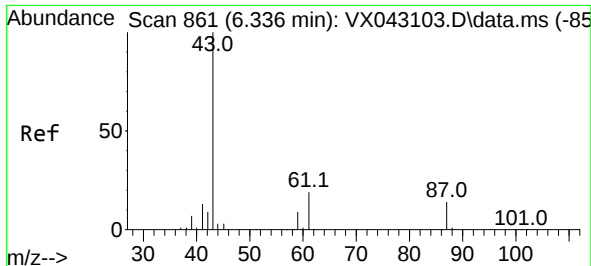
Tgt Ion: 78 Resp: 385180

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9





#43

Isopropyl Acetate

Concen: 1.152 ug/l

RT: 6.355 min Scan# 861

Delta R.T. 0.018 min

Lab File: VX043147.D

Acq: 25 Sep 2024 12:53

Instrument :

MSVOA_X

ClientSampleId :

2-SBGDL

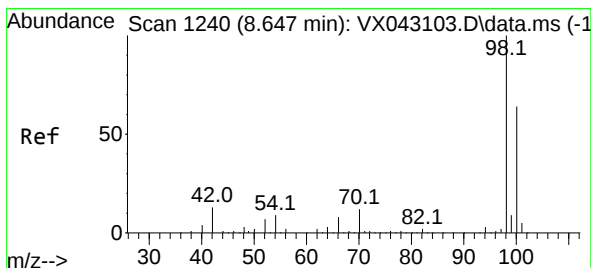
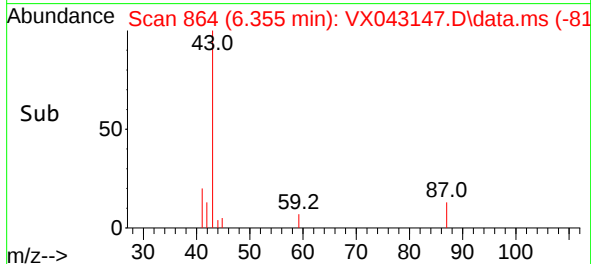
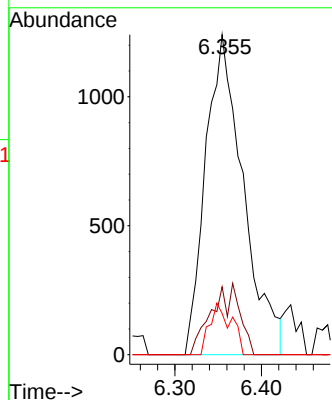
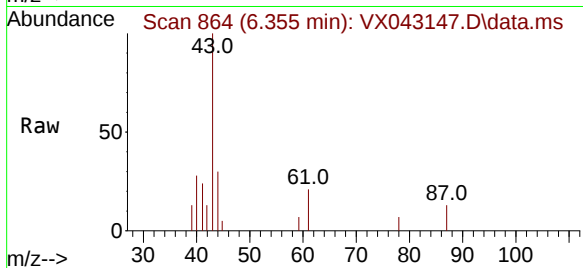
Tgt Ion: 43 Resp: 3753

Ion Ratio Lower Upper

43 100

61 10.2 15.0 22.6#

87 9.2 10.6 16.0#



#50

Toluene-d8

Concen: 51.824 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX043147.D

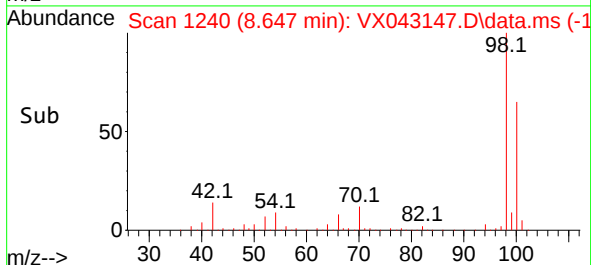
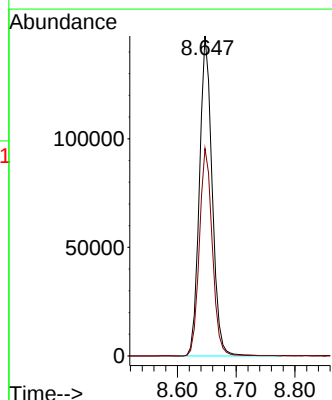
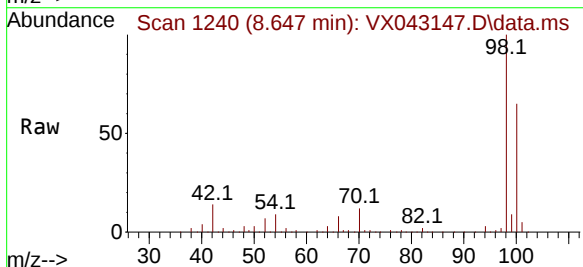
Acq: 25 Sep 2024 12:53

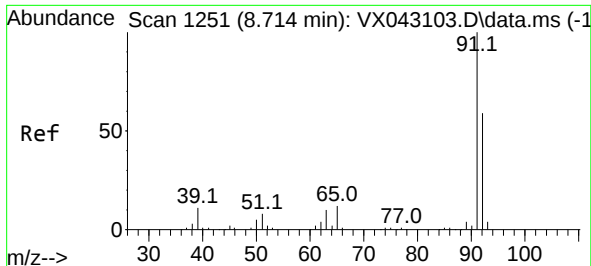
Tgt Ion: 98 Resp: 221641

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.4

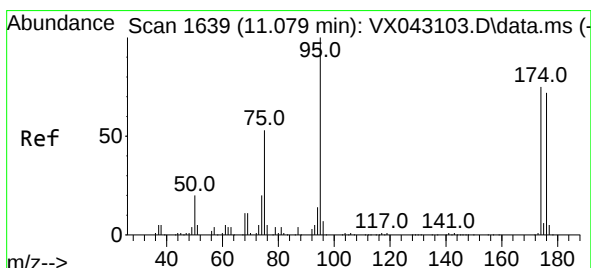
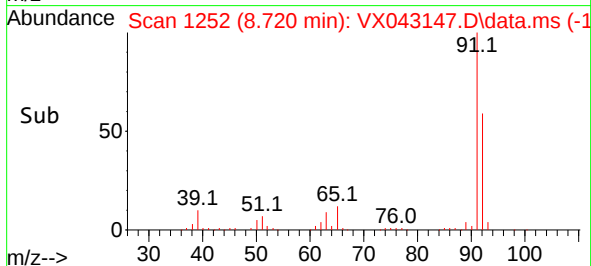
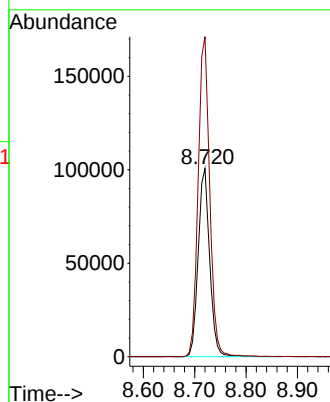
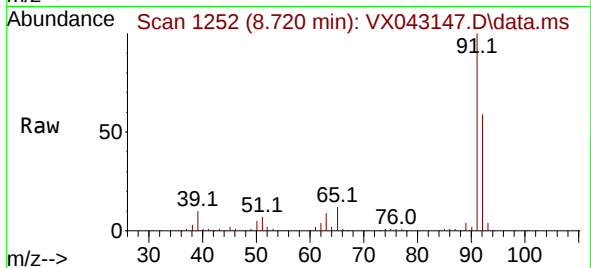




#52
Toluene
Concen: 52.929 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043147.D
Acq: 25 Sep 2024 12:53

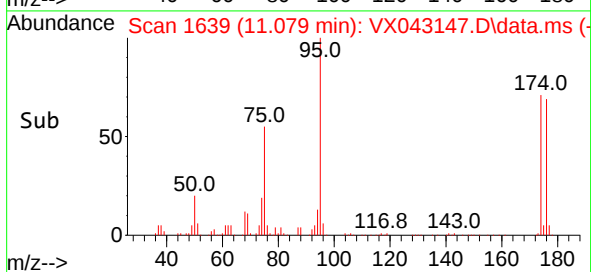
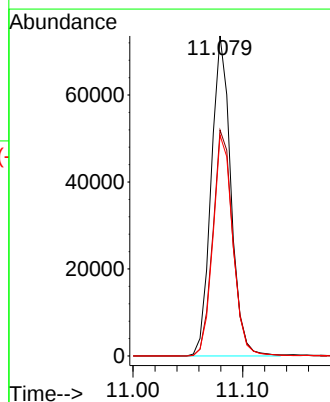
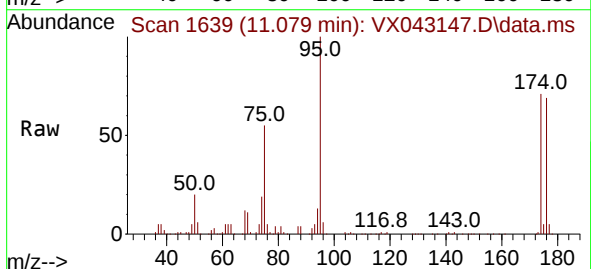
Instrument :
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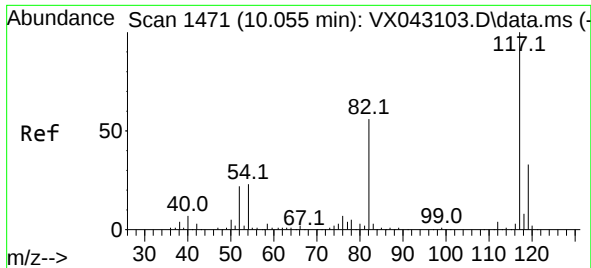
Tgt Ion: 92 Resp: 156234
Ion Ratio Lower Upper
92 100
91 171.2 135.9 203.9



#62
4-Bromofluorobenzene
Concen: 53.258 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043147.D
Acq: 25 Sep 2024 12:53

Tgt Ion: 95 Resp: 91729
Ion Ratio Lower Upper
95 100
174 72.2 0.0 146.0
176 69.8 0.0 142.6

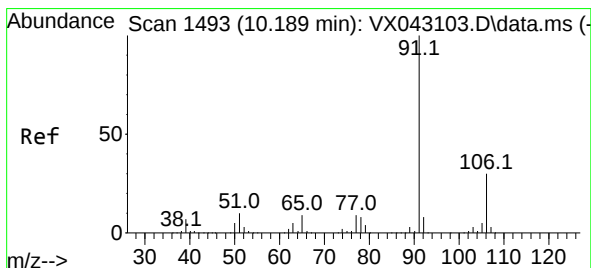
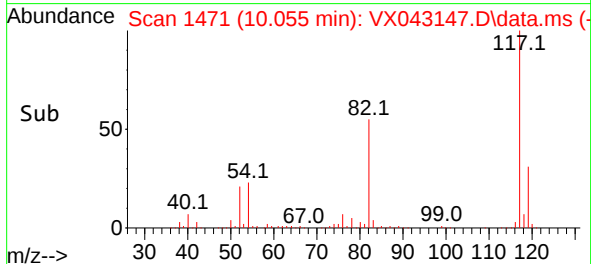
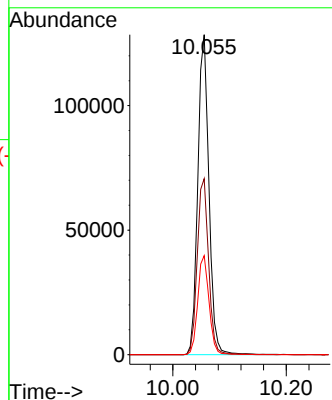
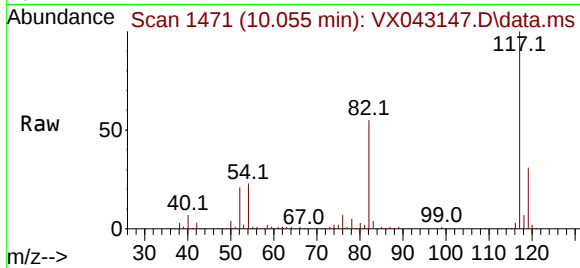




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043147.D
Acq: 25 Sep 2024 12:53

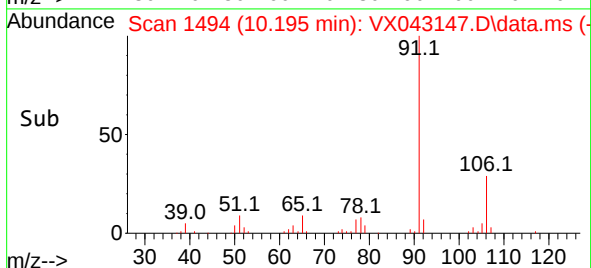
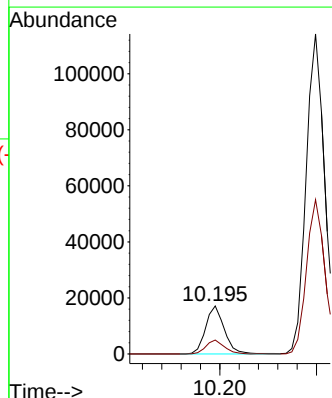
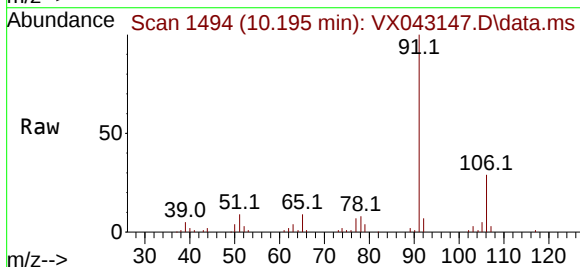
Instrument :
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2-SBGDL

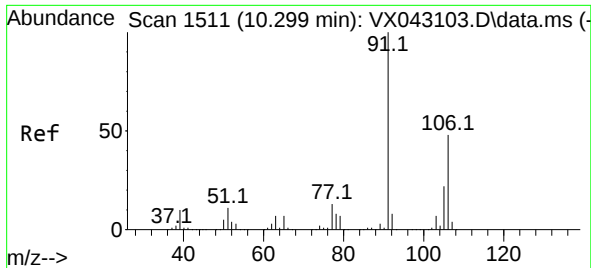
Tgt Ion:117 Resp: 174733
Ion Ratio Lower Upper
117 100
82 55.0 44.7 67.1
119 30.9 26.3 39.5



#67
Ethyl Benzene
Concen: 3.544 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX043147.D
Acq: 25 Sep 2024 12:53

Tgt Ion: 91 Resp: 23107
Ion Ratio Lower Upper
91 100
106 29.2 24.2 36.4

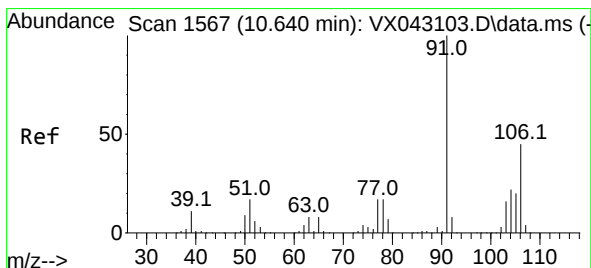
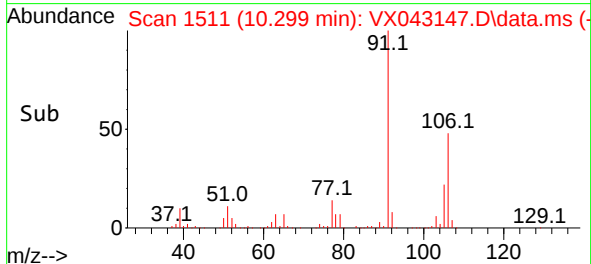
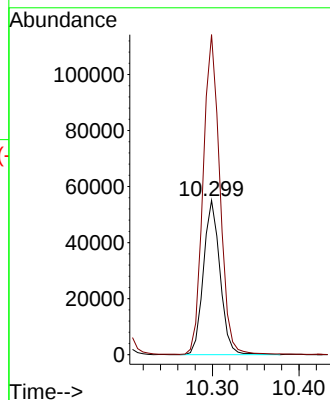
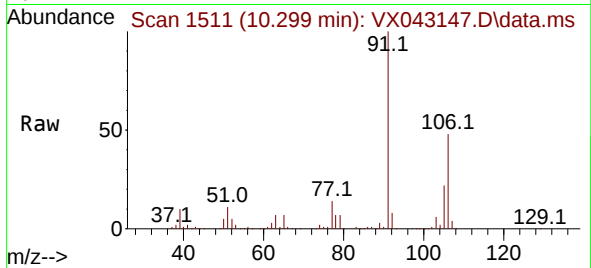




#68
m/p-Xylenes
Concen: 30.165 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043147.D
Acq: 25 Sep 2024 12:53

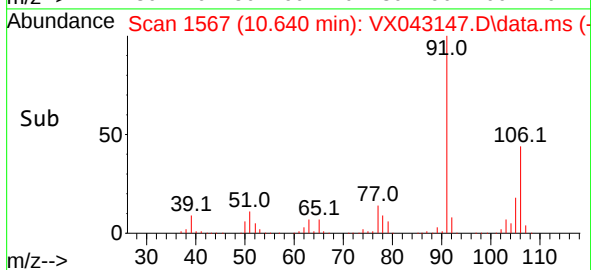
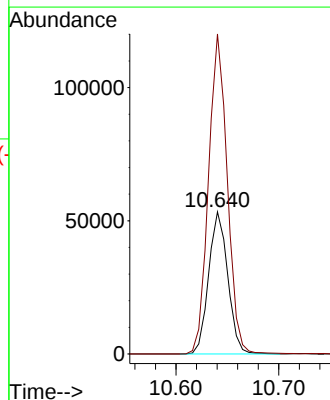
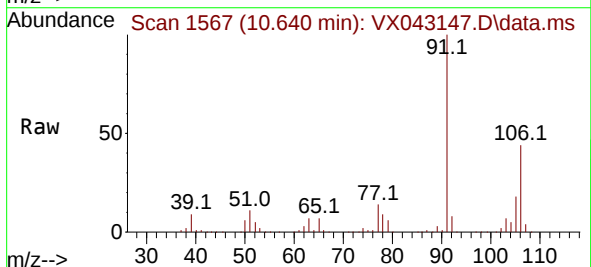
Instrument :
MSVOA_X
ClientSampleId :
2-SBGDL

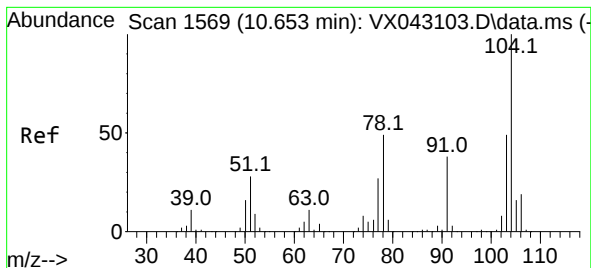
Tgt Ion:106 Resp: 73195
Ion Ratio Lower Upper
106 100
91 209.7 167.5 251.3



#69
o-Xylene
Concen: 28.315 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043147.D
Acq: 25 Sep 2024 12:53

Tgt Ion:106 Resp: 68913
Ion Ratio Lower Upper
106 100
91 221.3 112.5 337.4





#70

Styrene

Concen: 6.972 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043147.D

Acq: 25 Sep 2024 12:53

Instrument :

MSVOA_X

ClientSampleId :

2-SBGDL

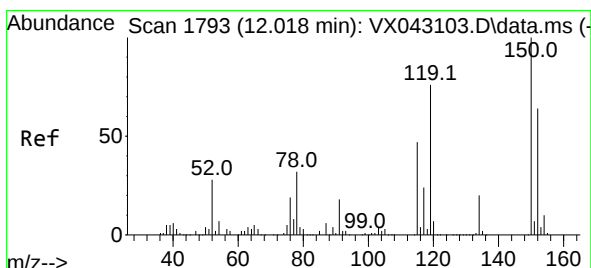
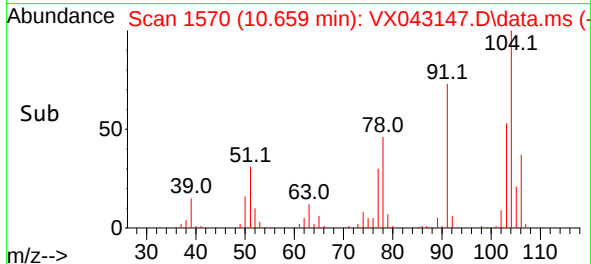
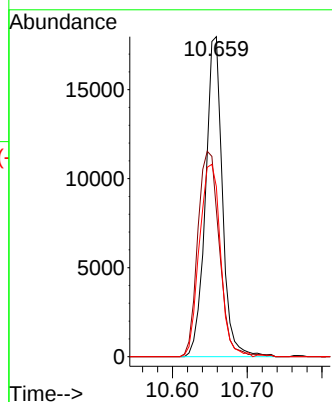
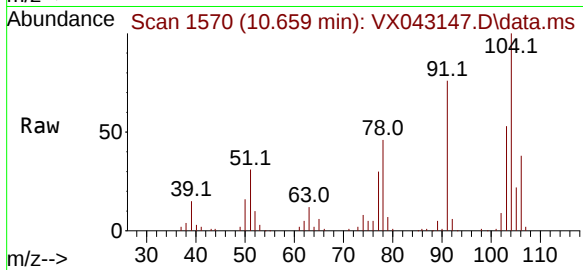
Tgt Ion:104 Resp: 28306

Ion Ratio Lower Upper

104 100

78 81.7 44.3 66.5#

103 75.1 43.4 65.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX043147.D

Acq: 25 Sep 2024 12:53

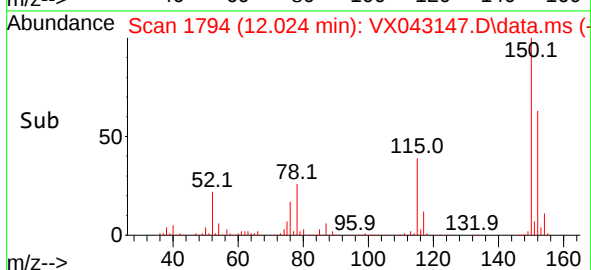
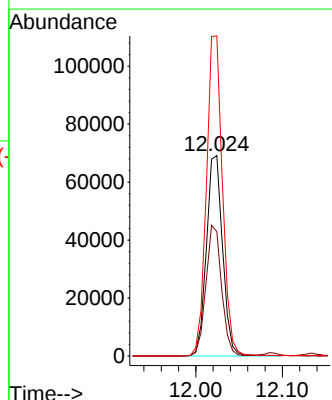
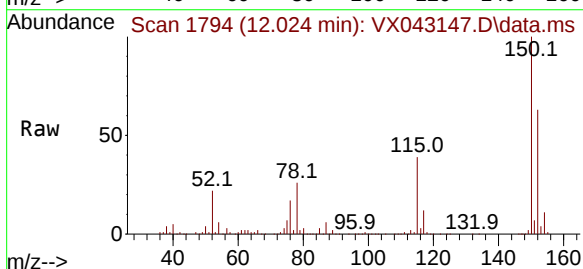
Tgt Ion:152 Resp: 89745

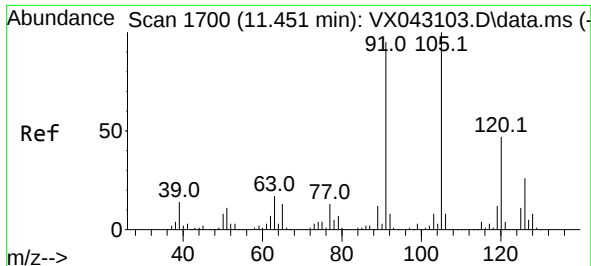
Ion Ratio Lower Upper

152 100

115 63.3 43.7 131.1

150 158.7 0.0 344.6

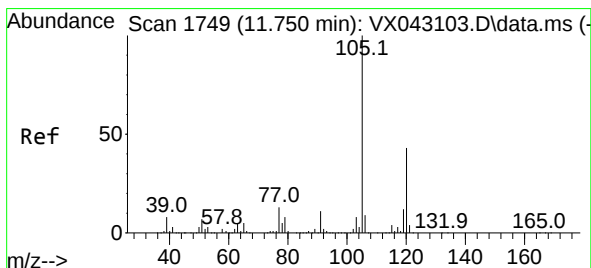
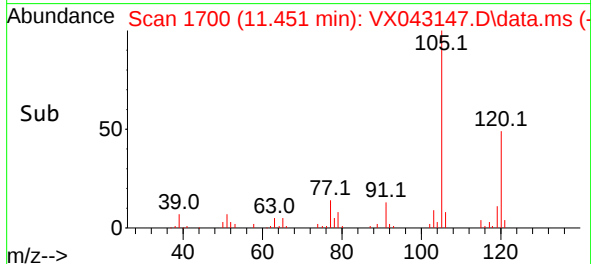
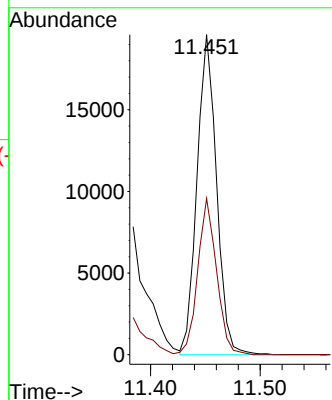
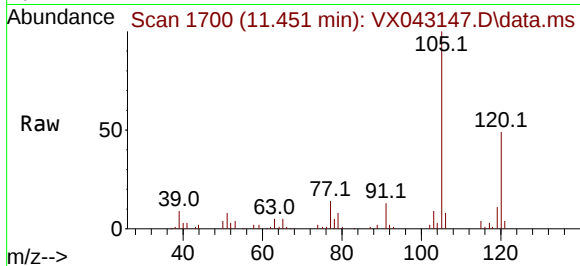




#80
1,3,5-Trimethylbenzene
Concen: 4.355 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043147.D
Acq: 25 Sep 2024 12:53

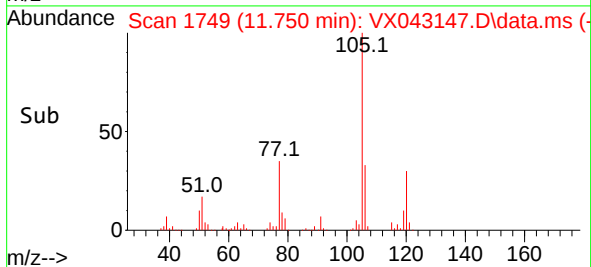
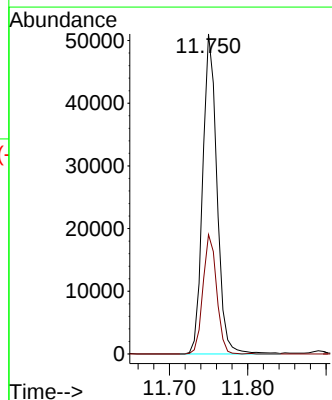
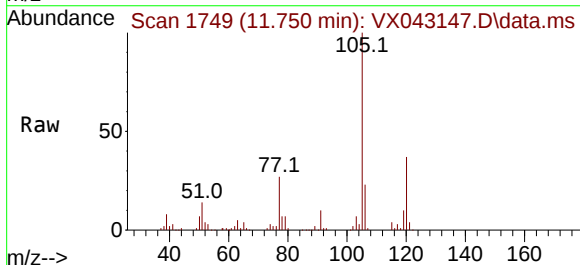
Instrument :
MSVOA_X
ClientSampleId :
2-SBGDL

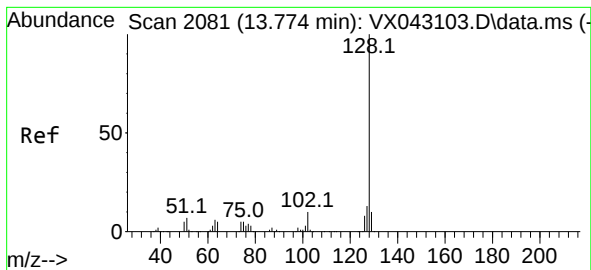
Tgt Ion:105 Resp: 24254
Ion Ratio Lower Upper
105 100
120 47.1 23.5 70.5



#84
1,2,4-Trimethylbenzene
Concen: 11.642 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX043147.D
Acq: 25 Sep 2024 12:53

Tgt Ion:105 Resp: 64498
Ion Ratio Lower Upper
105 100
120 35.6 21.8 65.4





#95
Naphthalene
Concen: 247.300 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX043147.D
Acq: 25 Sep 2024 12:53

Instrument :
MSVOA_X
ClientSampleId :
2-SBGDL

Tgt Ion:128 Resp: 1546188
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.1 8.6 13.0

