

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034751.D
 Acq On : 27 Mar 2023 15:49
 Operator : JC/MD
 Sample : 02104-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-37-GW01

Quant Time: Mar 28 03:20:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

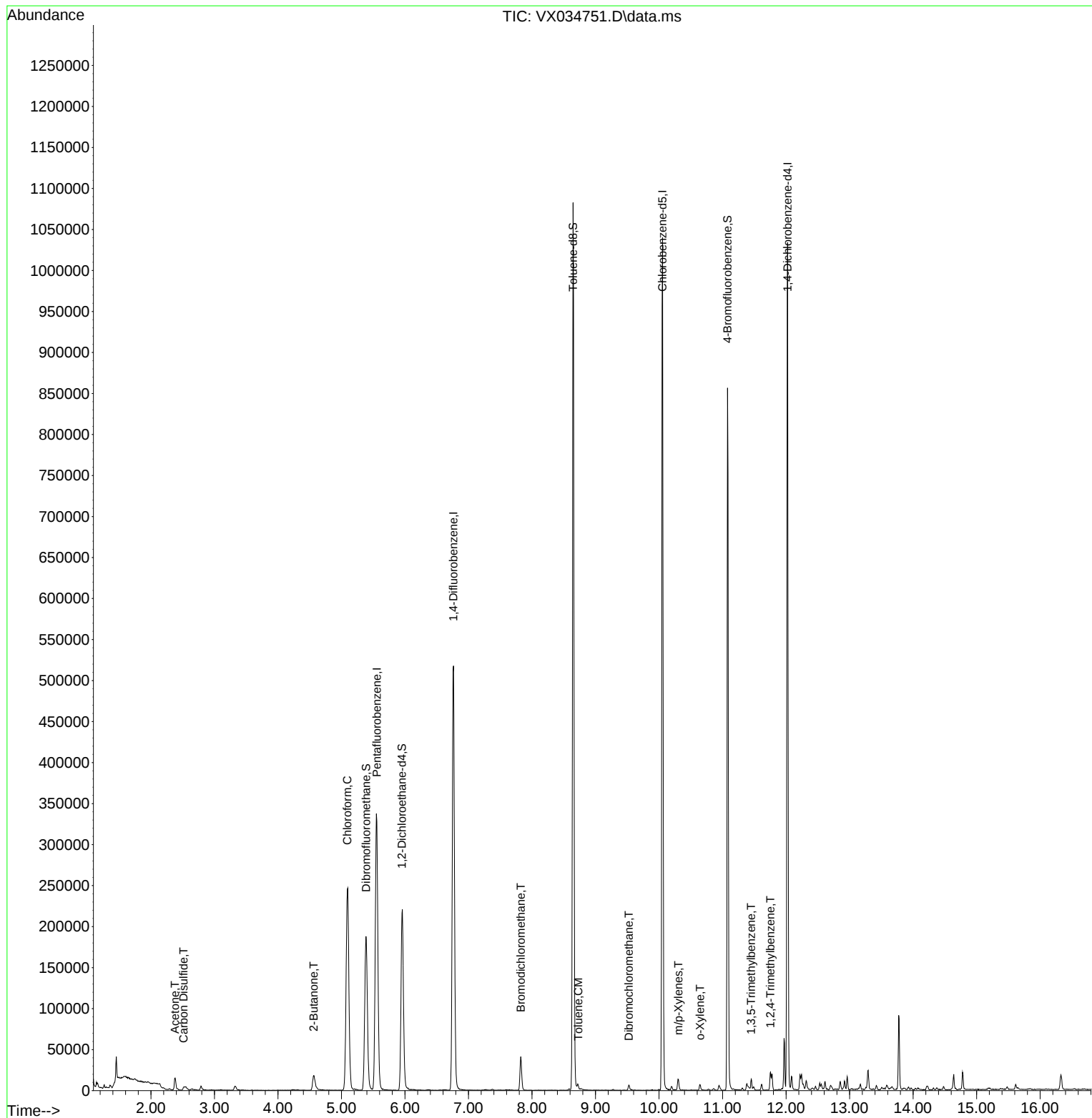
Internal Standards						
1) Pentafluorobenzene	5.556	168	304626	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	519171	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	455631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	219993	49.641	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.280%		
35) Dibromofluoromethane	5.385	113	166198	48.485	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.980%		
50) Toluene-d8	8.646	98	617930	48.290	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.580%		
62) 4-Bromofluorobenzene	11.079	95	237395	45.929	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.860%		
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	16864	8.078	ug/l	100
17) Carbon Disulfide	2.513	76	4392	0.468	ug/l	96
25) 2-Butanone	4.562	43	34269	11.473	ug/l	93
30) Chloroform	5.092	83	295334	43.480	ug/l	100
47) Bromodichloromethane	7.823	83	26472	5.003	ug/l	98
52) Toluene	8.726	92	1991	0.209	ug/l	96
60) Dibromochloromethane	9.524	129	2292	0.577	ug/l	89
68) m/p-Xylenes	10.305	106	3408	0.496	ug/l	100
69) o-Xylene	10.646	106	1613	0.234	ug/l	89
80) 1,3,5-Trimethylbenzene	11.451	105	4490	0.330	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	10444	0.750	ug/l	93

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

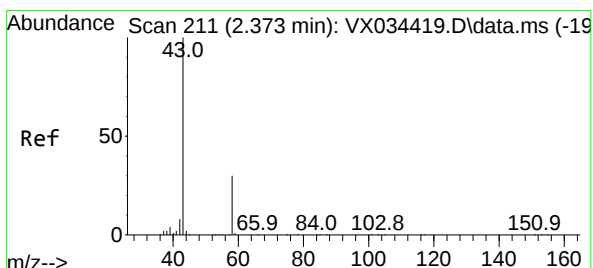
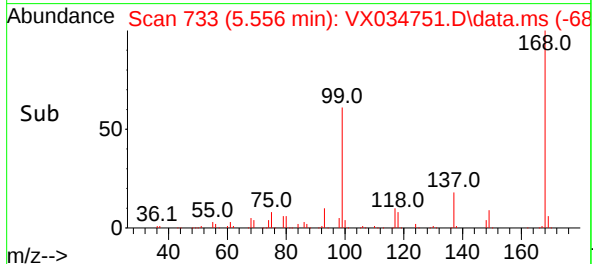
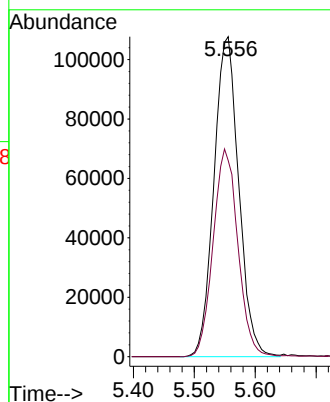
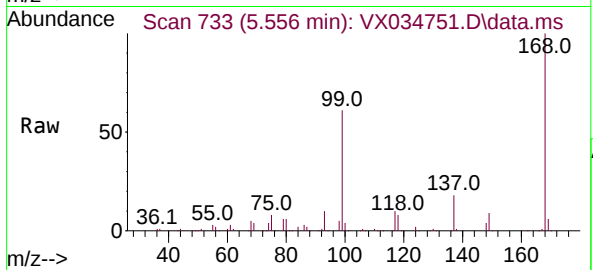




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034751.D
Acq: 27 Mar 2023 15:49

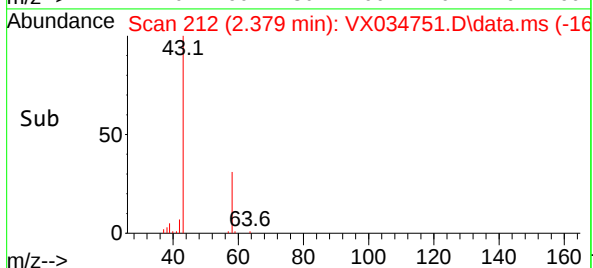
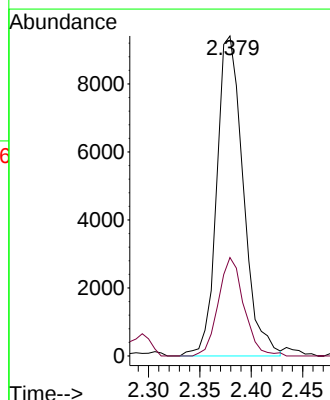
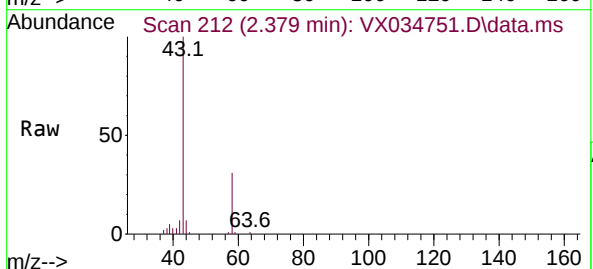
Instrument :
MSVOA_X
ClientSampleId :
B-37-GW01

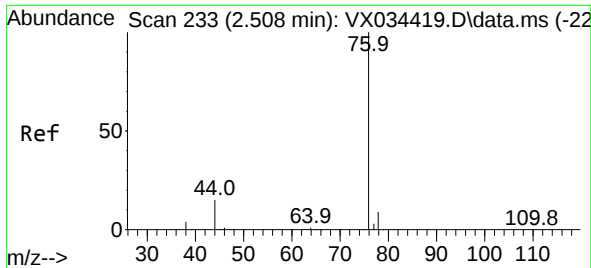
Tgt Ion:168 Resp: 304626
Ion Ratio Lower Upper
168 100
99 61.3 45.7 68.5



#16
Acetone
Concen: 8.078 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034751.D
Acq: 27 Mar 2023 15:49

Tgt Ion: 43 Resp: 16864
Ion Ratio Lower Upper
43 100
58 30.7 24.7 37.1





#17

Carbon Disulfide

Concen: 0.468 ug/l

RT: 2.513 min Scan# 21

Delta R.T. 0.005 min

Lab File: VX034751.D

Acq: 27 Mar 2023 15:49

Instrument :

MSVOA_X

ClientSampleId :

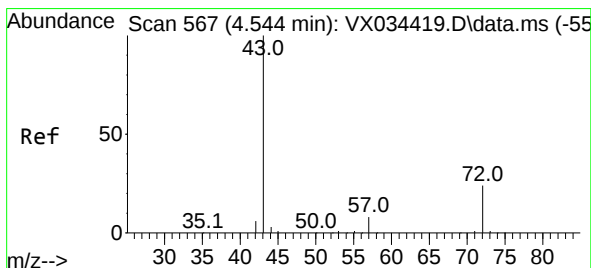
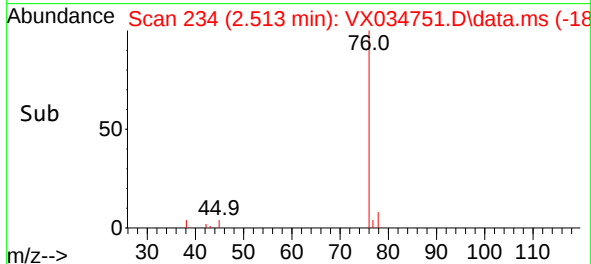
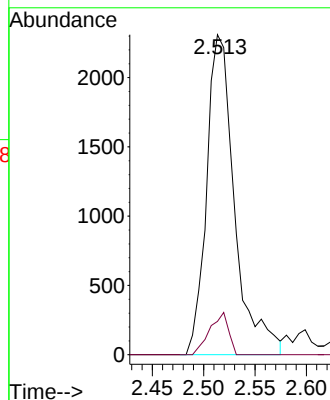
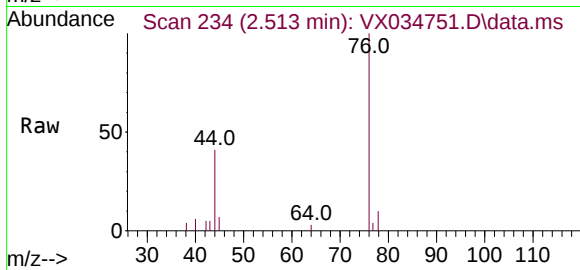
B-37-GW01

Tgt Ion: 76 Resp: 4392

Ion Ratio Lower Upper

76 100

78 10.4 7.2 10.8



#25

2-Butanone

Concen: 11.473 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.018 min

Lab File: VX034751.D

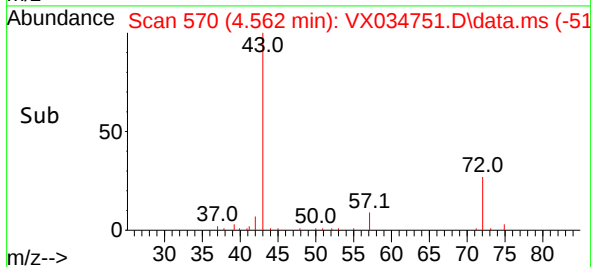
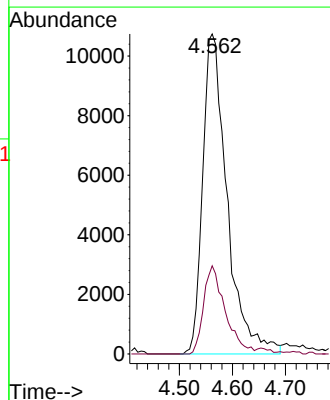
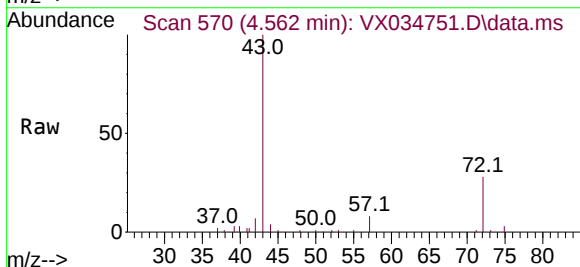
Acq: 27 Mar 2023 15:49

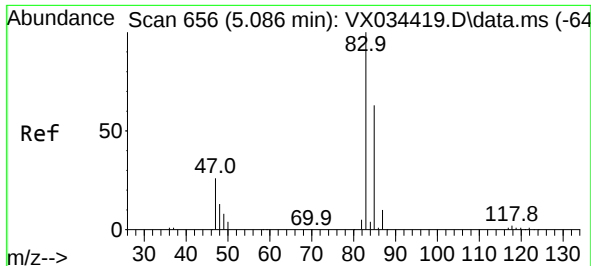
Tgt Ion: 43 Resp: 34269

Ion Ratio Lower Upper

43 100

72 27.5 19.3 28.9





#30

Chloroform

Concen: 43.480 ug/l

RT: 5.092 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX034751.D

Acq: 27 Mar 2023 15:49

Instrument :

MSVOA_X

ClientSampleId :

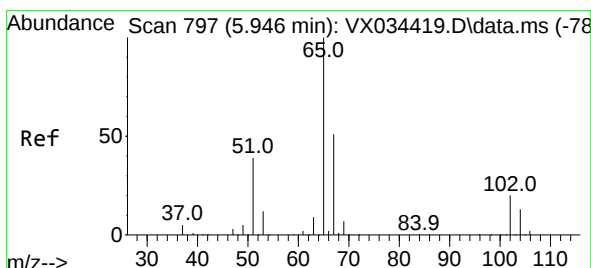
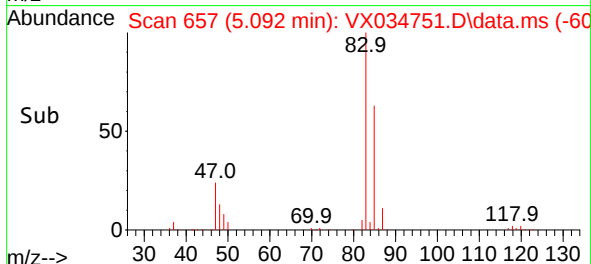
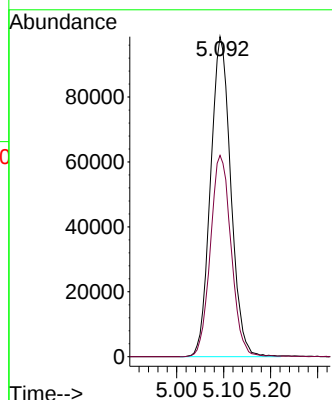
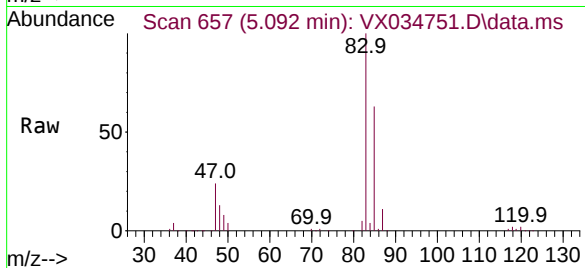
B-37-GW01

Tgt Ion: 83 Resp: 295334

Ion Ratio Lower Upper

83 100

85 62.9 50.6 76.0



#33

1,2-Dichloroethane-d4

Concen: 49.641 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034751.D

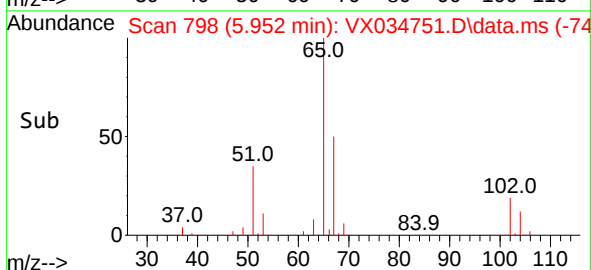
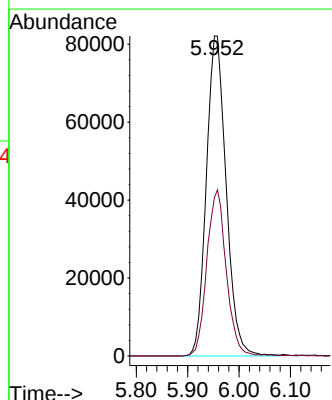
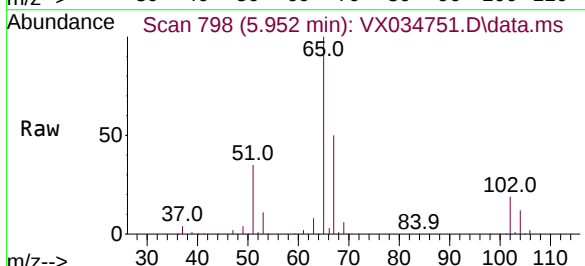
Acq: 27 Mar 2023 15:49

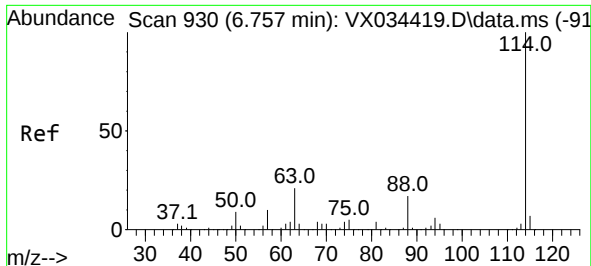
Tgt Ion: 65 Resp: 219993

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.0

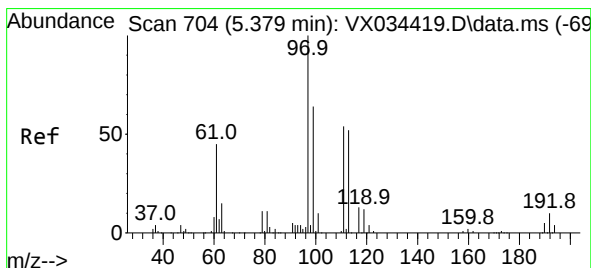
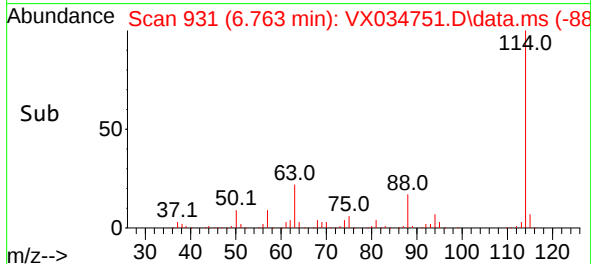
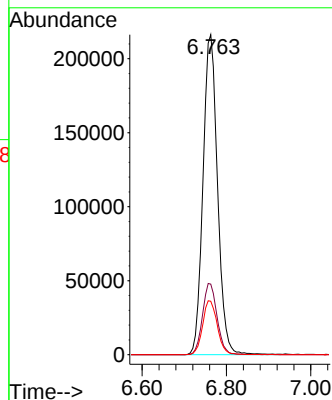
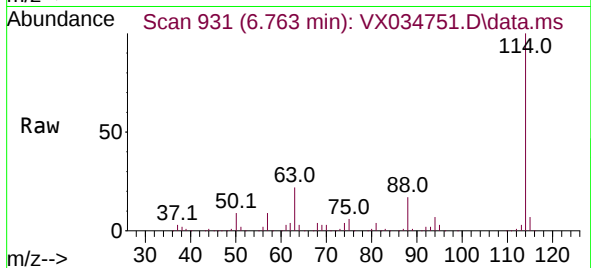




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034751.D
Acq: 27 Mar 2023 15:49

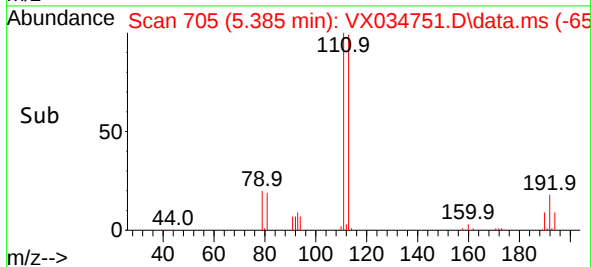
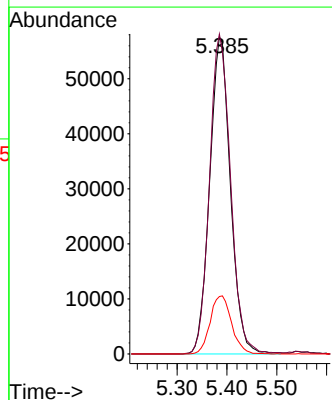
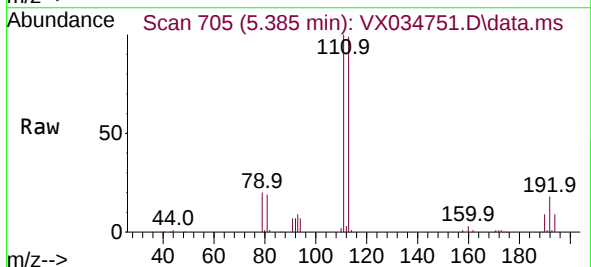
Instrument :
MSVOA_X
ClientSampleId :
B-37-GW01

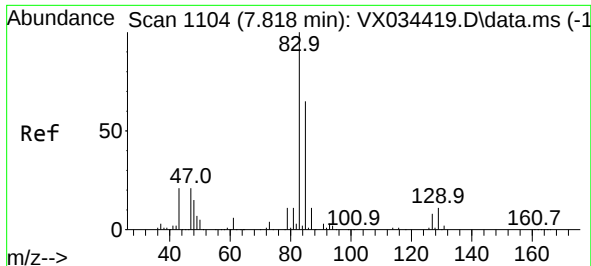
Tgt Ion:114 Resp: 519171
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.2
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.485 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034751.D
Acq: 27 Mar 2023 15:49

Tgt Ion:113 Resp: 166198
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 19.0 15.4 23.2





#47

Bromodichloromethane

Concen: 5.003 ug/l

RT: 7.823 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX034751.D

Acq: 27 Mar 2023 15:49

Instrument :

MSVOA_X

ClientSampleId :

B-37-GW01

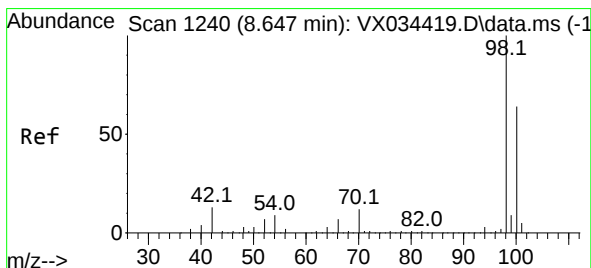
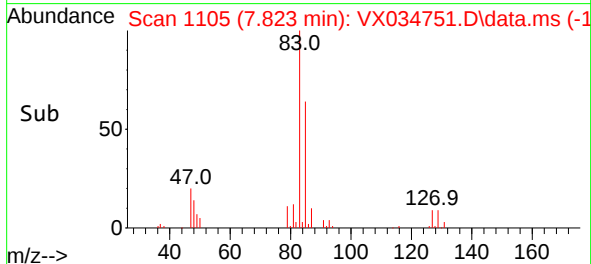
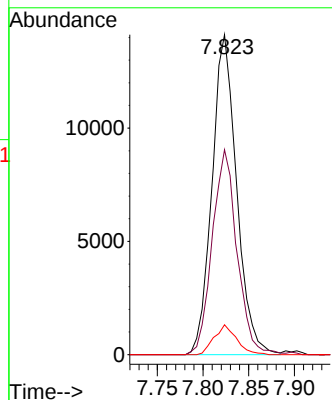
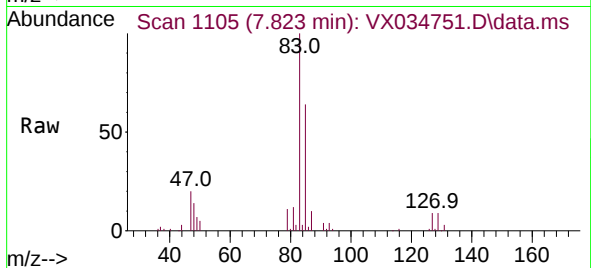
Tgt Ion: 83 Resp: 26472

Ion Ratio Lower Upper

83 100

85 64.1 52.2 78.4

127 9.3 6.6 9.8



#50

Toluene-d8

Concen: 48.290 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034751.D

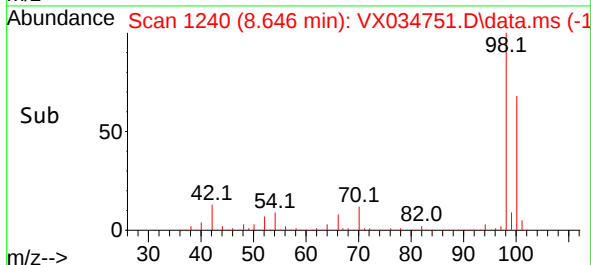
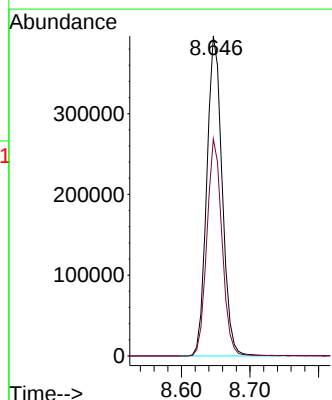
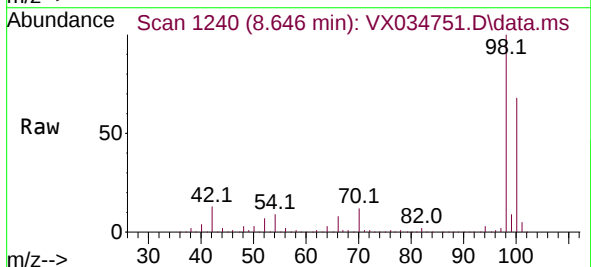
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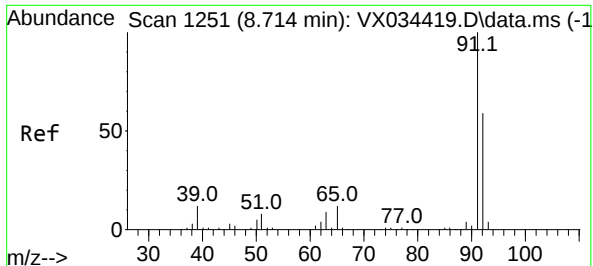
Tgt Ion: 98 Resp: 617930

Ion Ratio Lower Upper

98 100

100 66.8 52.5 78.7





#52

Toluene

Concen: 0.209 ug/l

RT: 8.726 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX034751.D

Acq: 27 Mar 2023 15:49

Instrument :

MSVOA_X

ClientSampleId :

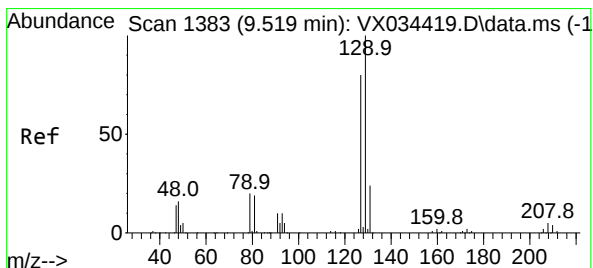
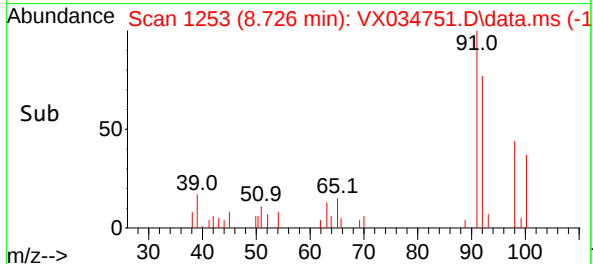
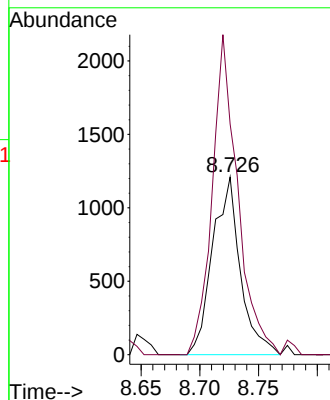
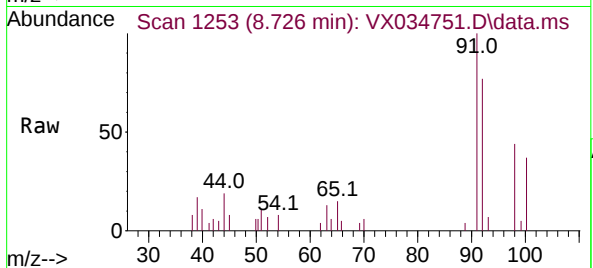
B-37-GW01

Tgt Ion: 92 Resp: 1991

Ion Ratio Lower Upper

92 100

91 165.1 136.8 205.2



#60

Dibromochloromethane

Concen: 0.577 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX034751.D

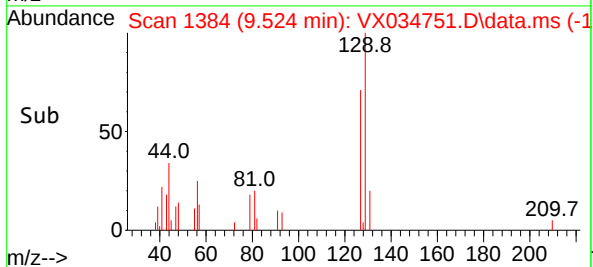
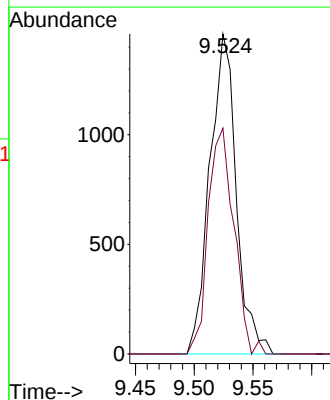
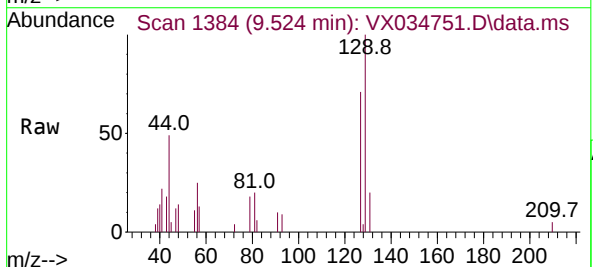
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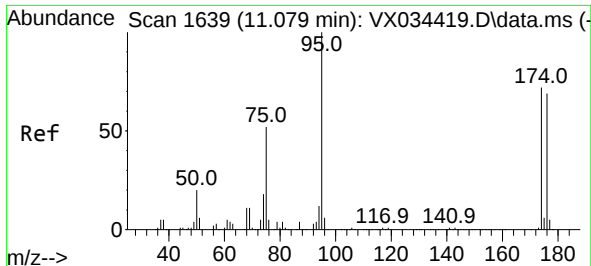
Tgt Ion: 129 Resp: 2292

Ion Ratio Lower Upper

129 100

127 68.7 39.0 117.0

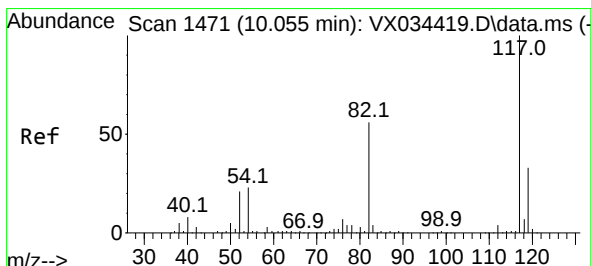
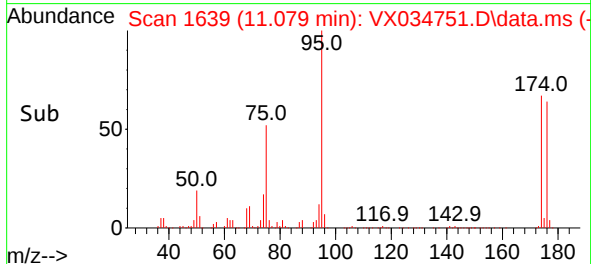
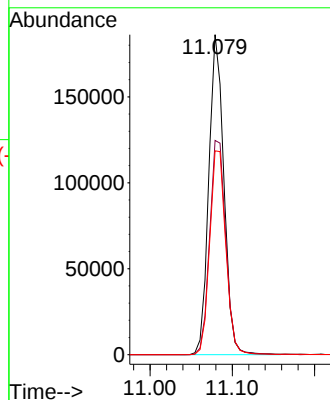
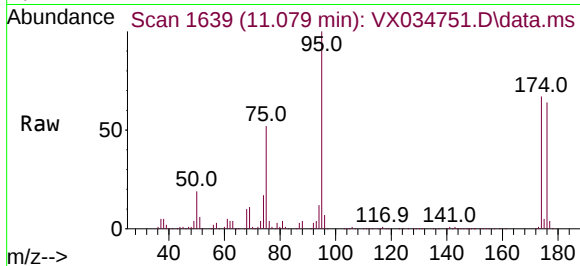




#62
4-Bromofluorobenzene
Concen: 45.929 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034751.D
Acq: 27 Mar 2023 15:49

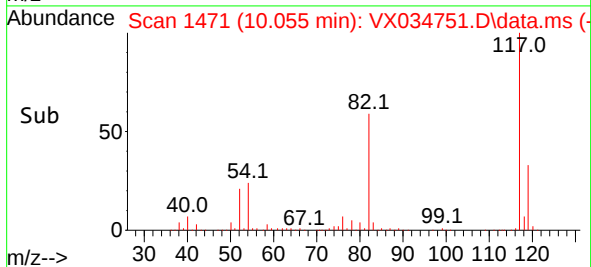
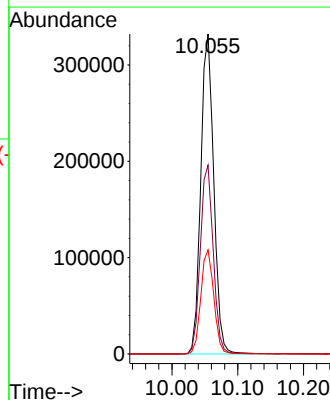
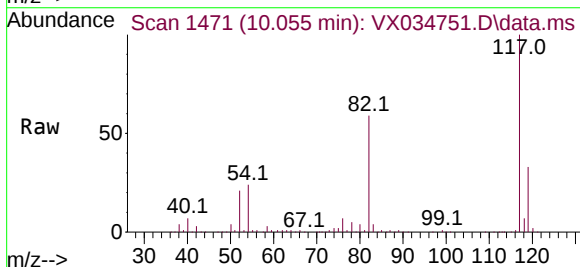
Instrument :
MSVOA_X
ClientSampleId :
B-37-GW01

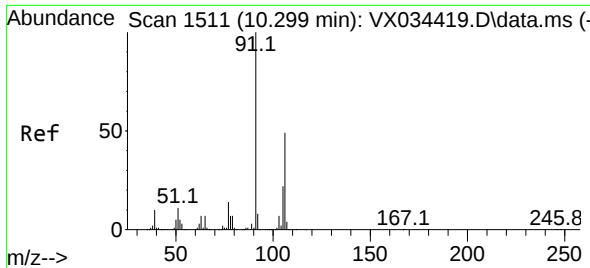
Tgt Ion: 95 Resp: 237395
Ion Ratio Lower Upper
95 100
174 71.8 0.0 147.4
176 68.0 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034751.D
Acq: 27 Mar 2023 15:49

Tgt Ion: 117 Resp: 455631
Ion Ratio Lower Upper
117 100
82 59.0 45.0 67.4
119 32.6 26.0 39.0

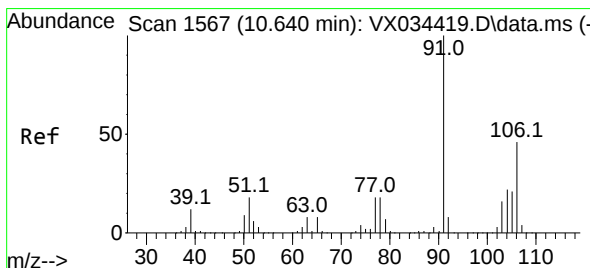
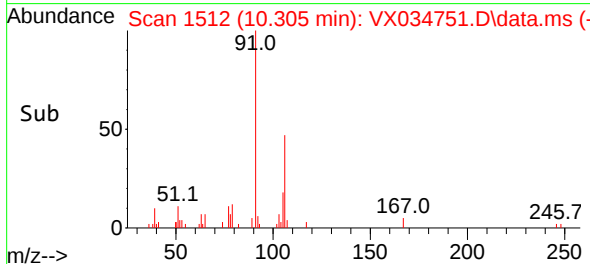
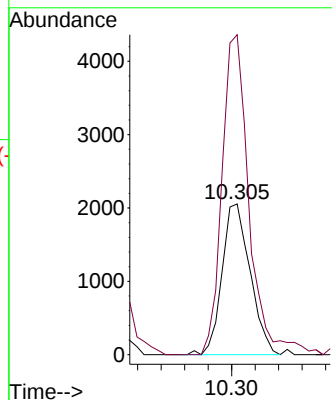
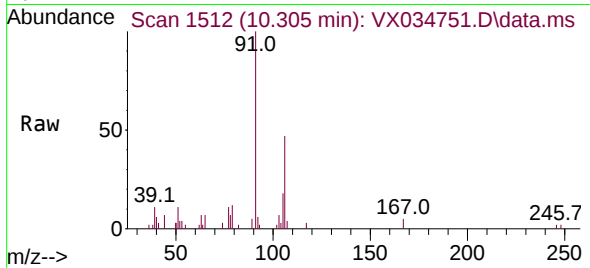




#68
m/p-Xylenes
Concen: 0.496 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034751.D
Acq: 27 Mar 2023 15:49

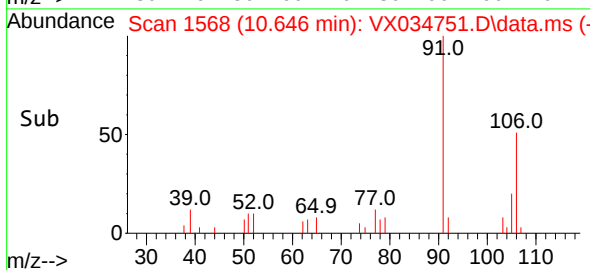
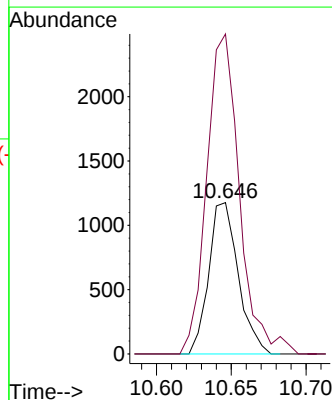
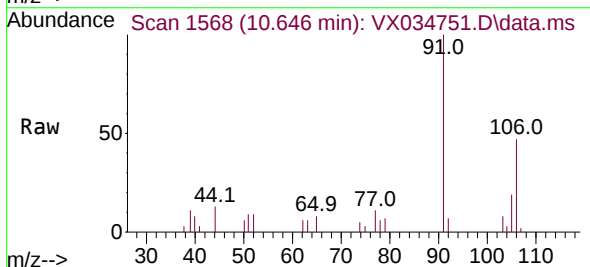
Instrument :
MSVOA_X
ClientSampleId :
B-37-GW01

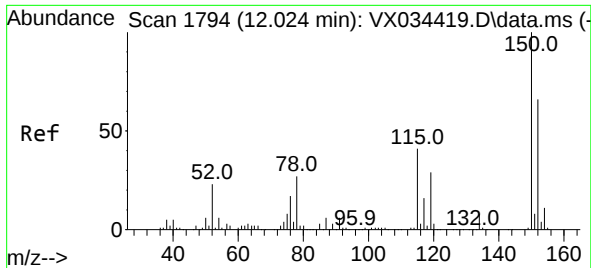
Tgt Ion:106 Resp: 3408
Ion Ratio Lower Upper
106 100
91 205.0 164.0 246.0



#69
o-Xylene
Concen: 0.234 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX034751.D
Acq: 27 Mar 2023 15:49

Tgt Ion:106 Resp: 1613
Ion Ratio Lower Upper
106 100
91 234.7 108.5 325.3

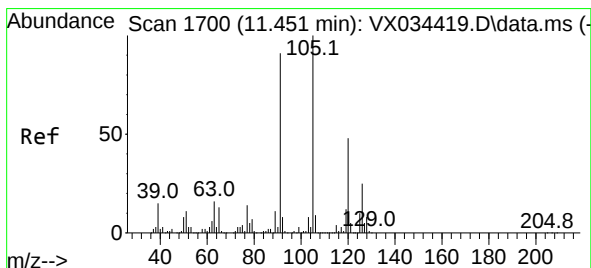
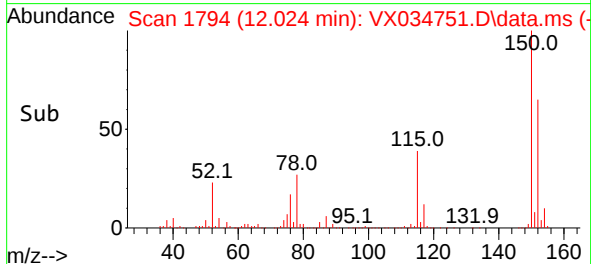
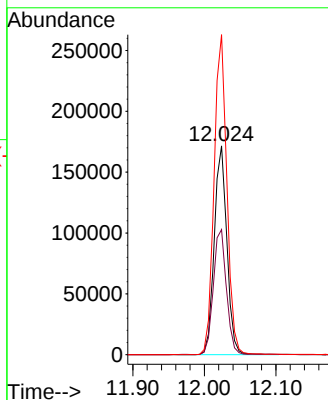
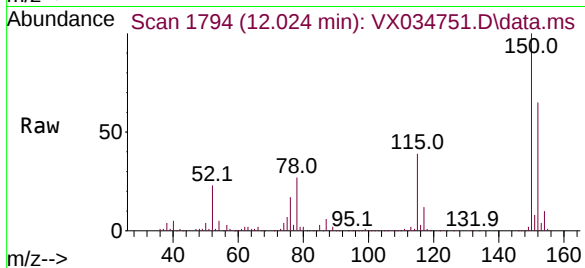




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034751.D
 Acq: 27 Mar 2023 15:49

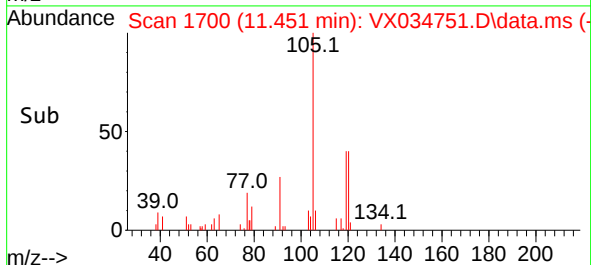
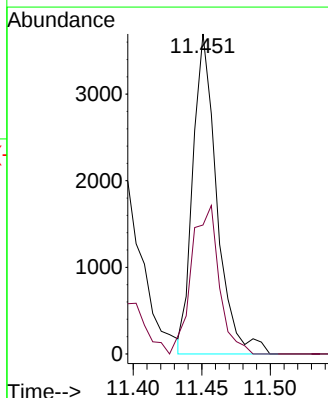
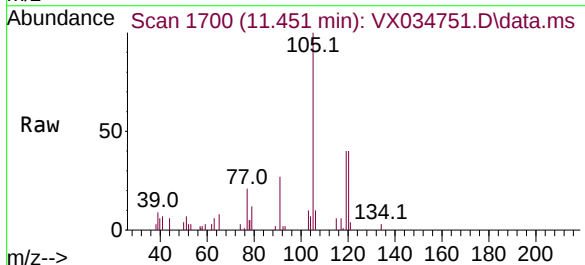
Instrument :
 MSVOA_X
 ClientSampleId :
 B-37-GW01

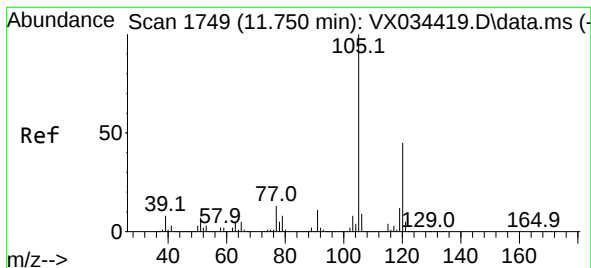
Tgt Ion:152 Resp: 210091
 Ion Ratio Lower Upper
 152 100
 115 61.9 45.0 135.0
 150 155.0 0.0 352.4



#80
 1,3,5-Trimethylbenzene
 Concen: 0.330 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX034751.D
 Acq: 27 Mar 2023 15:49

Tgt Ion:105 Resp: 4490
 Ion Ratio Lower Upper
 105 100
 120 53.5 23.7 71.1





#84

1,2,4-Trimethylbenzene

Concen: 0.750 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX034751.D

Acq: 27 Mar 2023 15:49

Instrument :

MSVOA_X

ClientSampleId :

B-37-GW01

Tgt Ion:105 Resp: 10444

Ion Ratio Lower Upper

105 100

120 40.3 22.4 67.0

