

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020923\
 Data File : VX034070.D
 Acq On : 07 Feb 2023 18:48
 Operator : JC/MD
 Sample : 01437-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2423

Quant Time: Feb 08 00:07:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

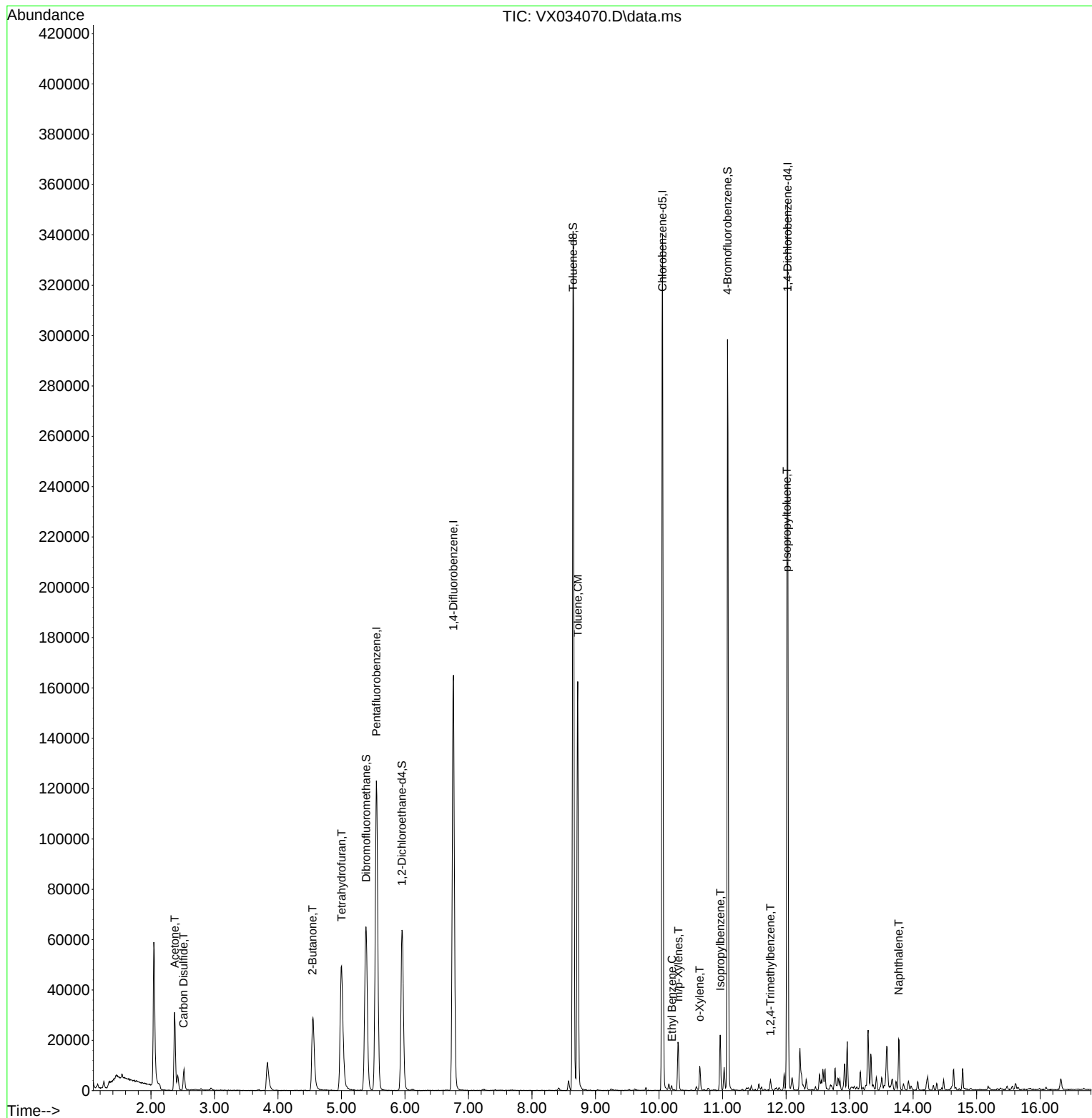
Internal Standards						
1) Pentafluorobenzene	5.550	168	132390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182275	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63923	50.084	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.160%	
35) Dibromofluoromethane	5.385	113	57824	49.846	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.700%	
50) Toluene-d8	8.647	98	209831	50.204	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.400%	
62) 4-Bromofluorobenzene	11.079	95	75213	50.385	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.780%	
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	33390	61.941	ug/l	91
17) Carbon Disulfide	2.514	76	4275	1.554	ug/l	96
25) 2-Butanone	4.544	43	53529	68.195	ug/l	95
29) Tetrahydrofuran	5.001	42	47797	95.741	ug/l	95
52) Toluene	8.720	92	64288	21.556	ug/l	97
67) Ethyl Benzene	10.201	91	1441	0.249	ug/l	93
68) m/p-Xylenes	10.305	106	5001	2.158	ug/l	99
69) o-Xylene	10.640	106	2261	1.016	ug/l	95
73) Isopropylbenzene	10.963	105	11670	2.065	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	2001	0.426	ug/l	87
86) p-Isopropyltoluene	12.012	119	5548	1.088	ug/l	97
95) Naphthalene	13.774	128	13915	2.556	ug/l	99

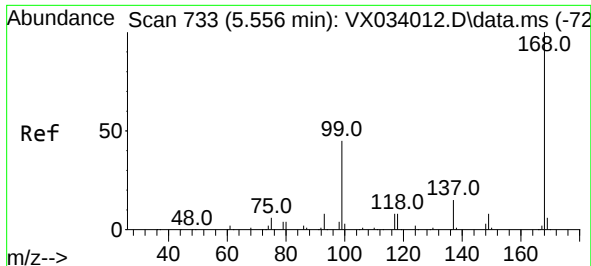
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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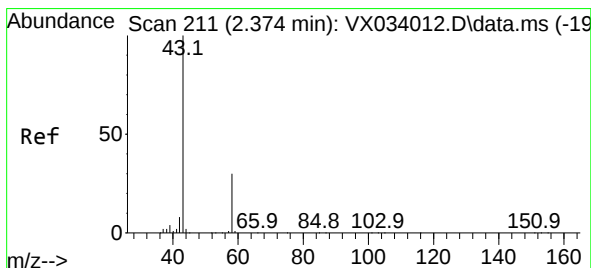
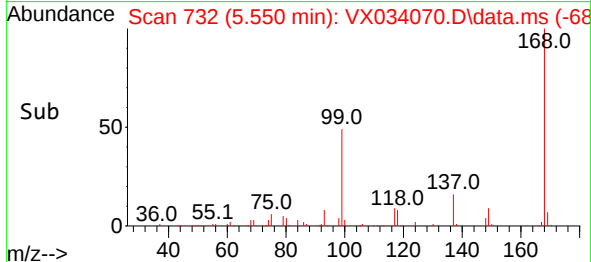
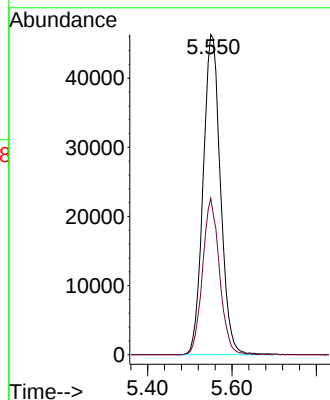
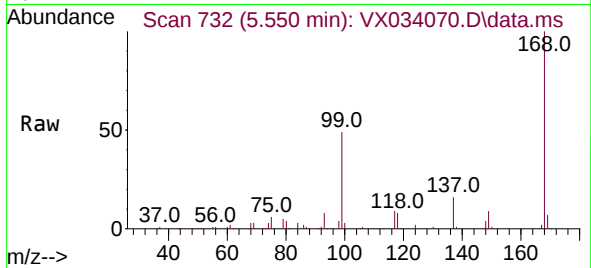




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034070.D
Acq: 07 Feb 2023 18:48

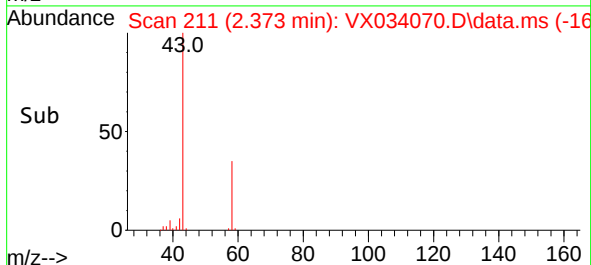
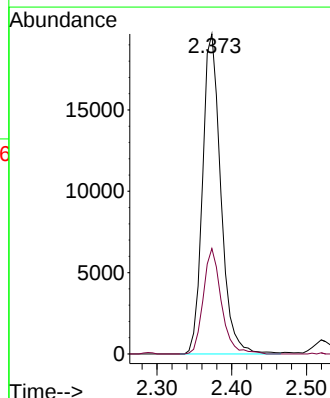
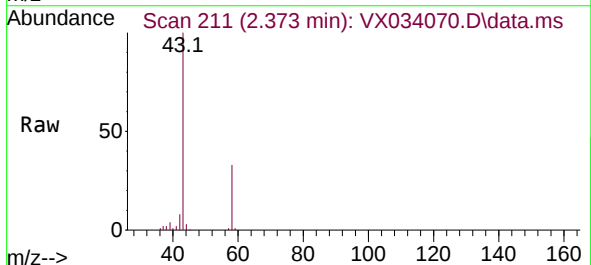
Instrument :
MSVOA_X
ClientSampleId :
2423

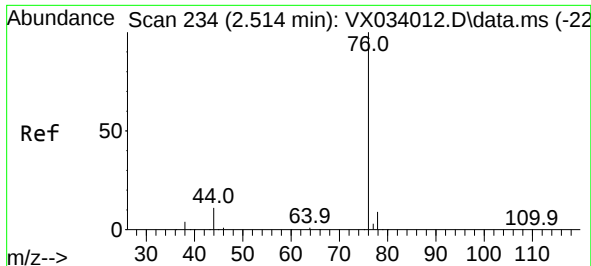
Tgt Ion:168 Resp: 132390
Ion Ratio Lower Upper
168 100
99 48.9 39.6 59.4



#16
Acetone
Concen: 61.941 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034070.D
Acq: 07 Feb 2023 18:48

Tgt Ion: 43 Resp: 33390
Ion Ratio Lower Upper
43 100
58 32.9 22.6 33.8

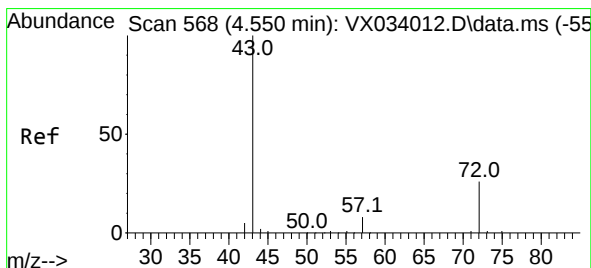
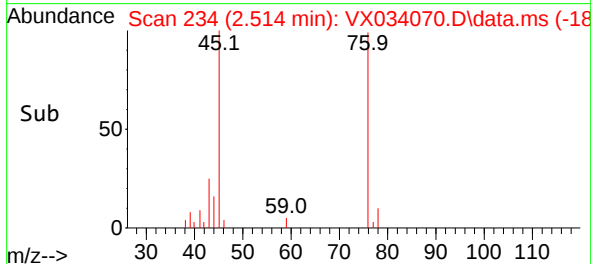
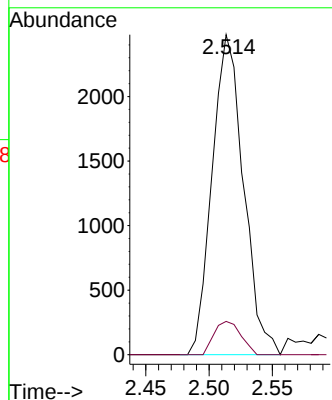
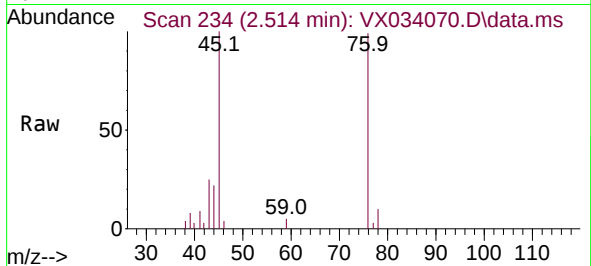




#17
Carbon Disulfide
Concen: 1.554 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034070.D
Acq: 07 Feb 2023 18:48

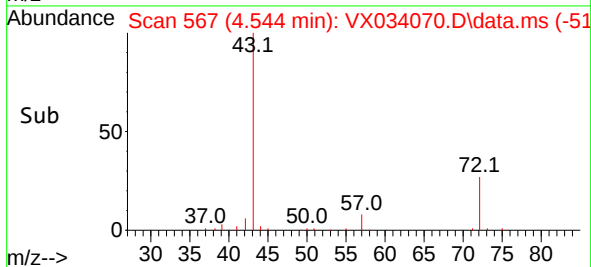
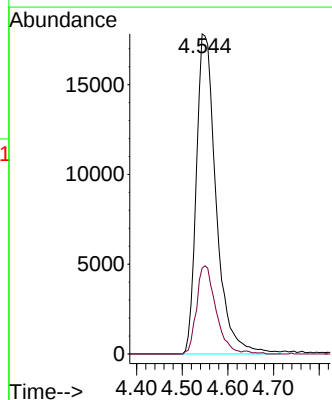
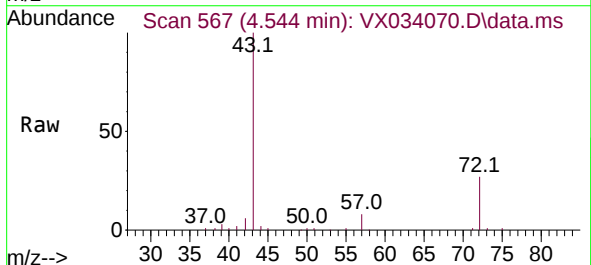
Instrument :
MSVOA_X
ClientSampleId :
2423

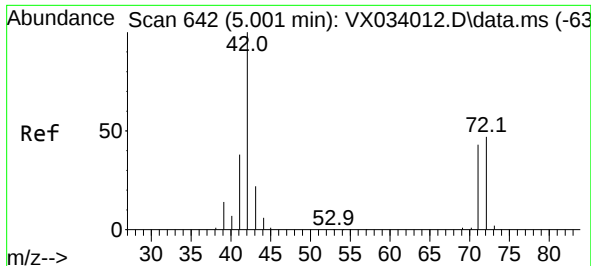
Tgt Ion: 76 Resp: 4275
Ion Ratio Lower Upper
76 100
78 10.4 7.0 10.6



#25
2-Butanone
Concen: 68.195 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX034070.D
Acq: 07 Feb 2023 18:48

Tgt Ion: 43 Resp: 53529
Ion Ratio Lower Upper
43 100
72 26.8 19.4 29.2





#29

Tetrahydrofuran

Concen: 95.741 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX034070.D

Acq: 07 Feb 2023 18:48

Instrument :

MSVOA_X

ClientSampleId :

2423

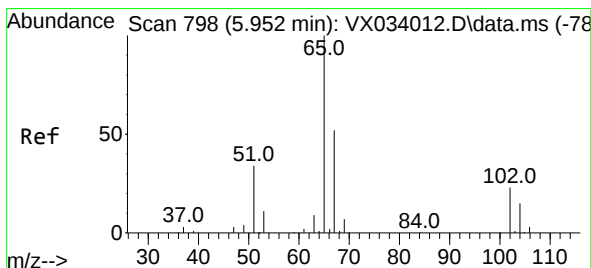
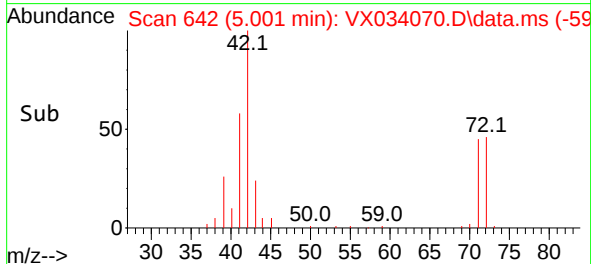
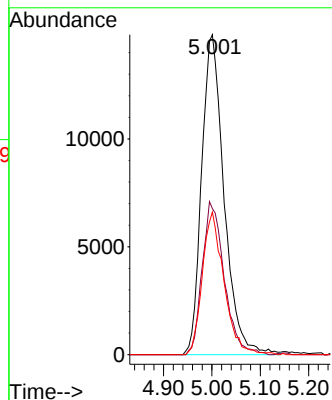
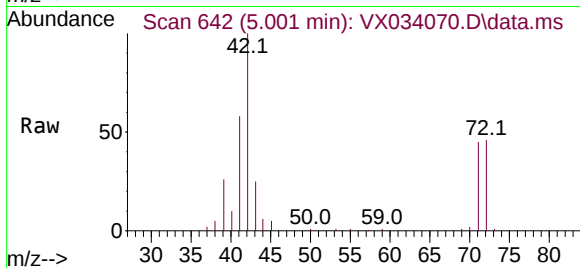
Tgt Ion: 42 Resp: 47797

Ion Ratio Lower Upper

42 100

72 47.0 34.8 52.2

71 42.8 32.2 48.2



#33

1,2-Dichloroethane-d4

Concen: 50.084 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX034070.D

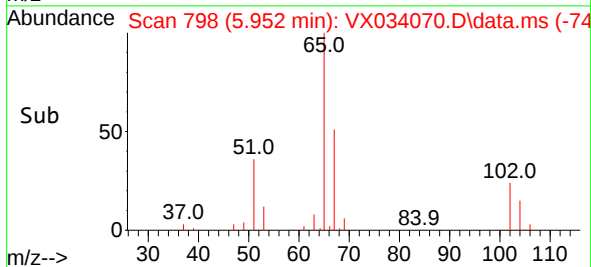
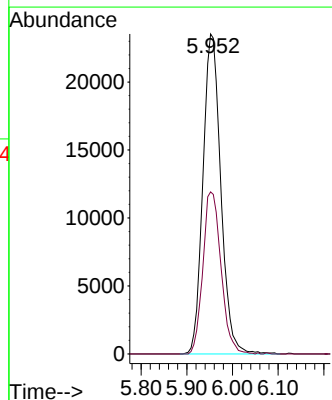
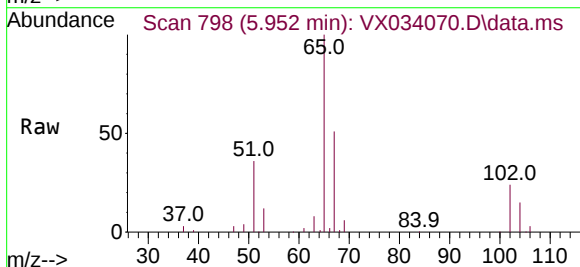
Acq: 07 Feb 2023 18:48

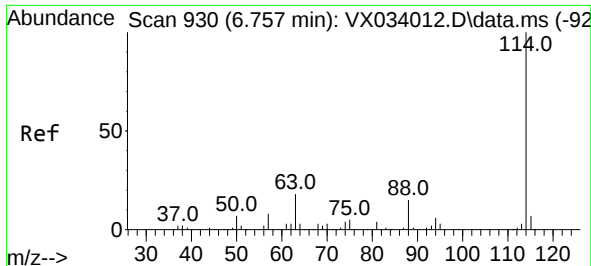
Tgt Ion: 65 Resp: 63923

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.8

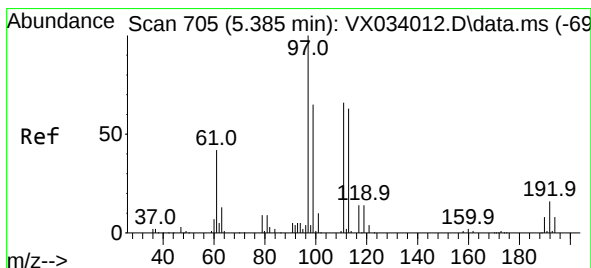
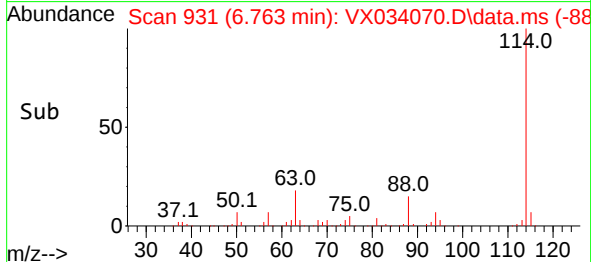
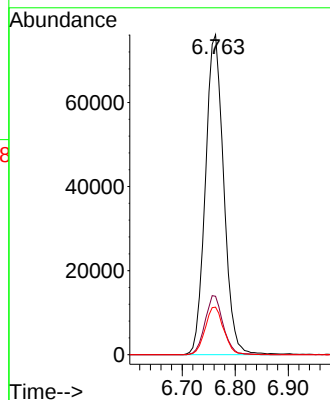
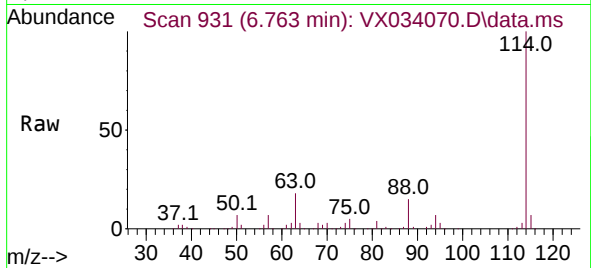




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034070.D
Acq: 07 Feb 2023 18:48

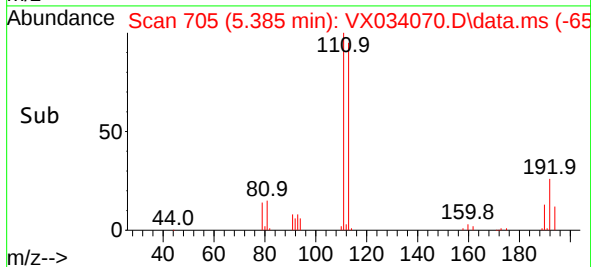
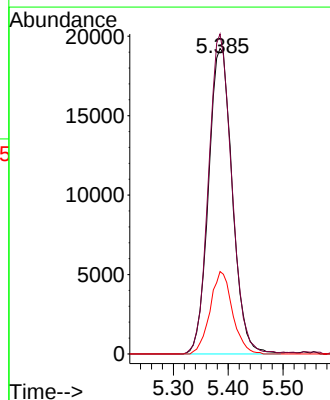
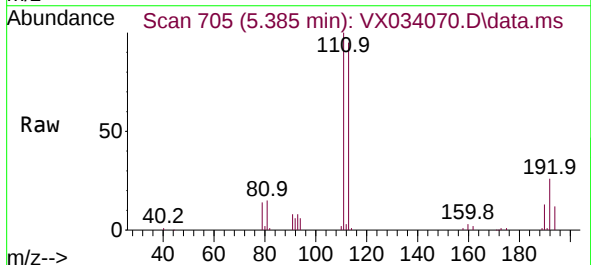
Instrument :
MSVOA_X
ClientSampleId :
2423

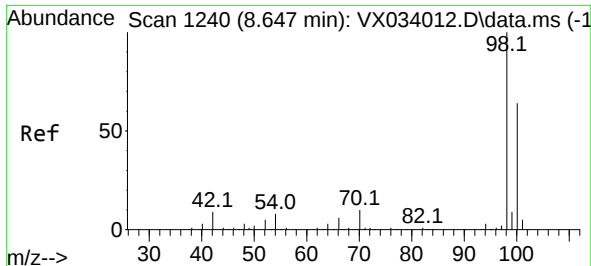
Tgt Ion:114 Resp: 182275
Ion Ratio Lower Upper
114 100
63 18.3 0.0 37.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.846 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034070.D
Acq: 07 Feb 2023 18:48

Tgt Ion:113 Resp: 57824
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.6
192 25.4 19.0 28.4

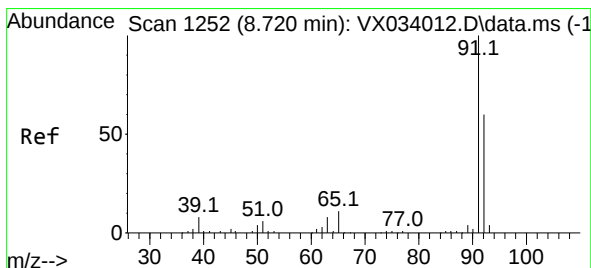
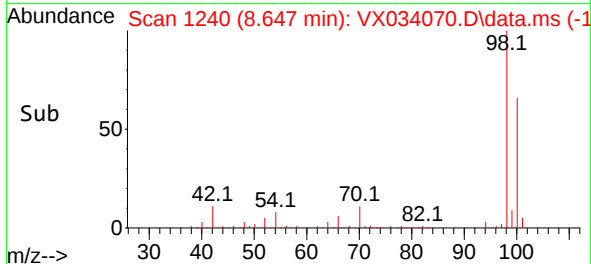
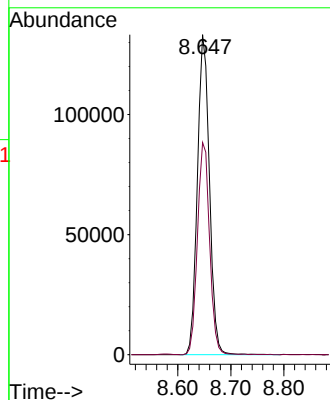
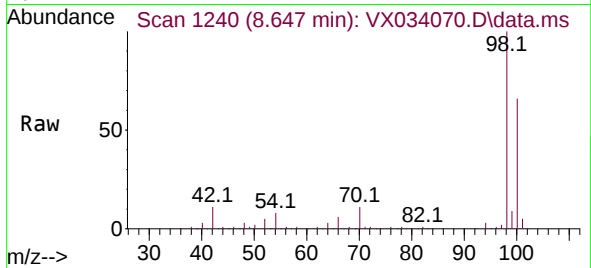




#50
Toluene-d8
Concen: 50.204 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034070.D
Acq: 07 Feb 2023 18:48

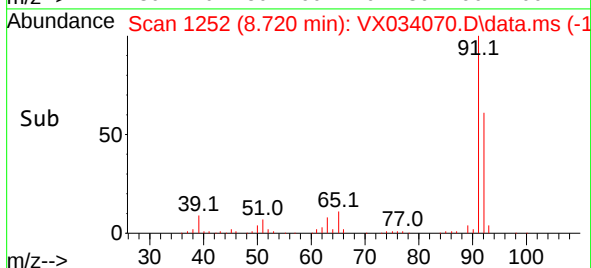
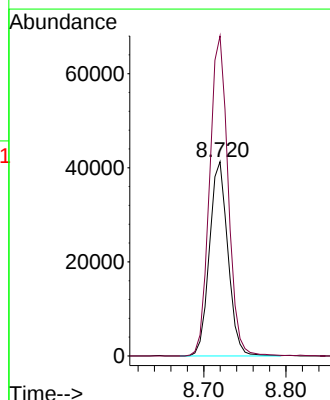
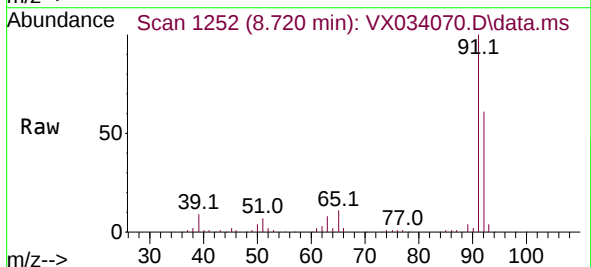
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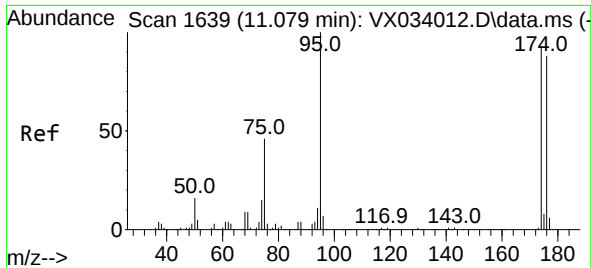
Tgt Ion: 98 Resp: 209831
Ion Ratio Lower Upper
98 100
100 67.0 53.6 80.4



#52
Toluene
Concen: 21.556 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX034070.D
Acq: 07 Feb 2023 18:48

Tgt Ion: 92 Resp: 64288
Ion Ratio Lower Upper
92 100
91 165.6 135.5 203.3

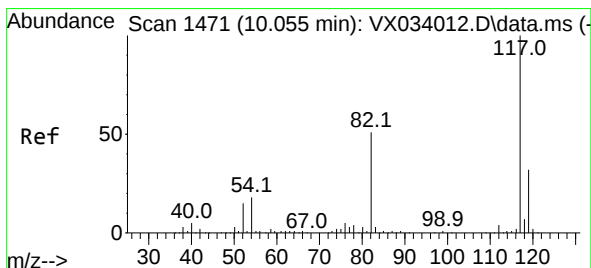
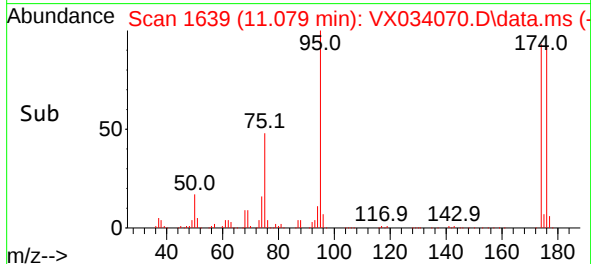
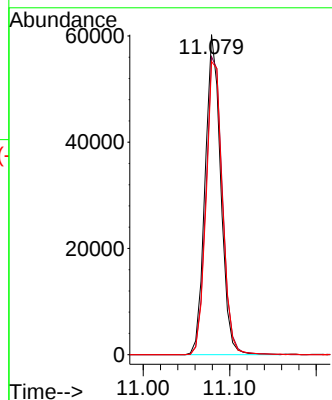
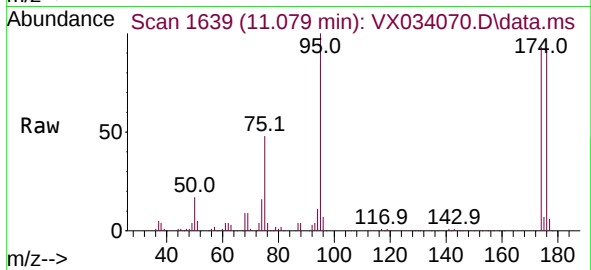




#62
4-Bromofluorobenzene
Concen: 50.385 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034070.D
Acq: 07 Feb 2023 18:48

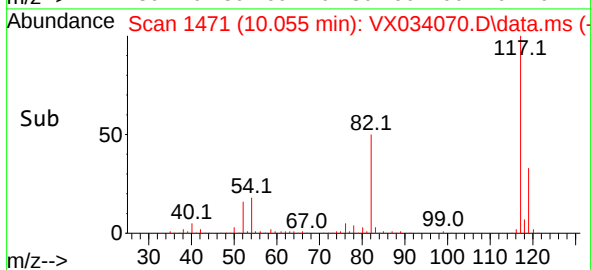
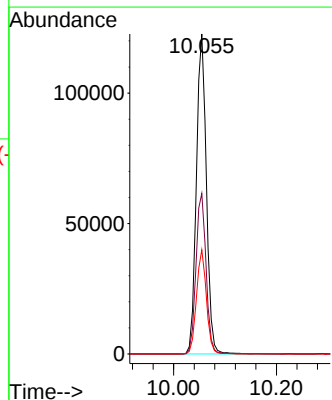
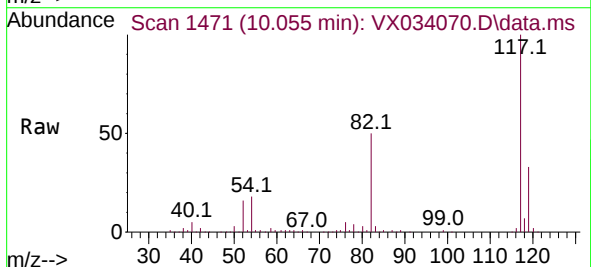
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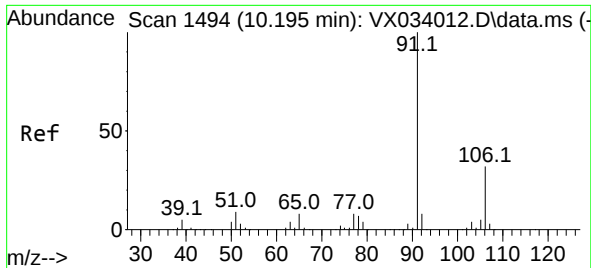
Tgt Ion: 95 Resp: 75213
Ion Ratio Lower Upper
95 100
174 98.5 0.0 184.4
176 95.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034070.D
Acq: 07 Feb 2023 18:48

Tgt Ion: 117 Resp: 165854
Ion Ratio Lower Upper
117 100
82 50.2 40.6 60.8
119 32.6 25.6 38.4

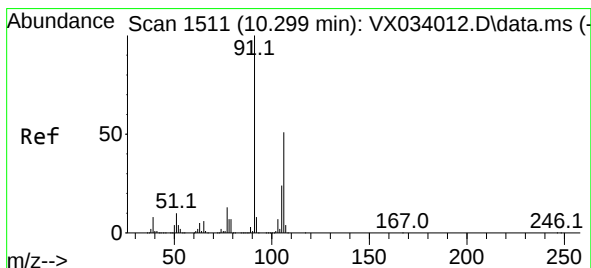
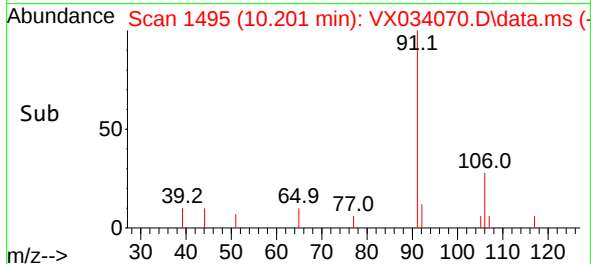
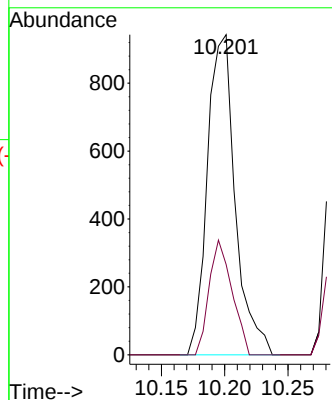
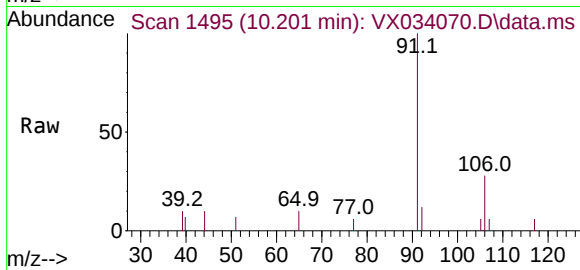




#67
Ethyl Benzene
Concen: 0.249 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX034070.D
Acq: 07 Feb 2023 18:48

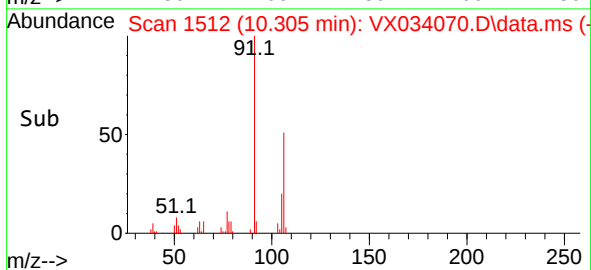
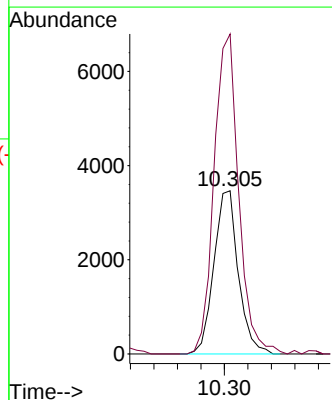
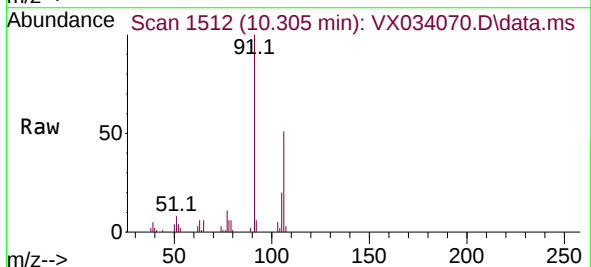
Instrument :
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2423

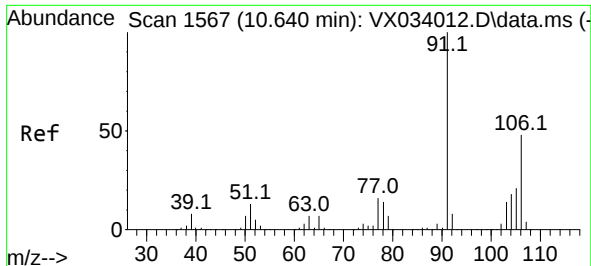
Tgt Ion: 91 Resp: 1441
Ion Ratio Lower Upper
91 100
106 28.2 25.8 38.8



#68
m/p-Xylenes
Concen: 2.158 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034070.D
Acq: 07 Feb 2023 18:48

Tgt Ion: 106 Resp: 5001
Ion Ratio Lower Upper
106 100
91 197.5 156.4 234.6

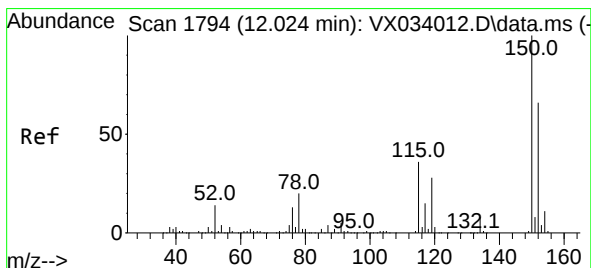
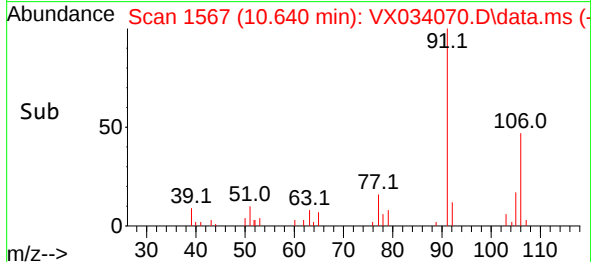
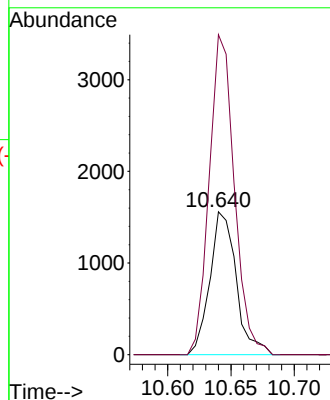
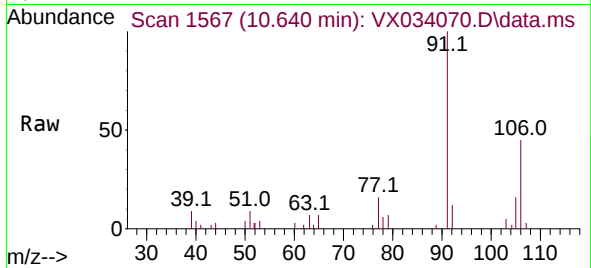




#69
o-Xylene
Concen: 1.016 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034070.D
Acq: 07 Feb 2023 18:48

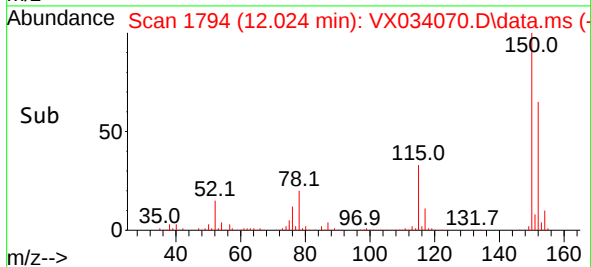
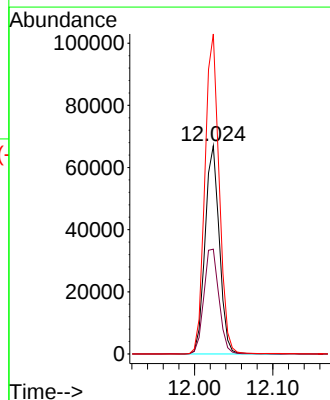
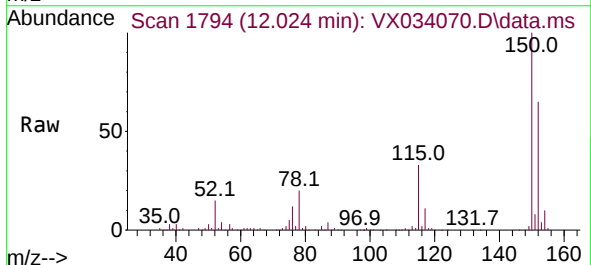
Instrument :
MSVOA_X
ClientSampleId :
2423

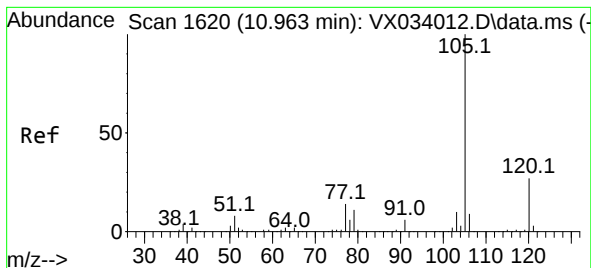
Tgt Ion:106 Resp: 2261
Ion Ratio Lower Upper
106 100
91 213.9 103.1 309.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034070.D
Acq: 07 Feb 2023 18:48

Tgt Ion:152 Resp: 84552
Ion Ratio Lower Upper
152 100
115 53.4 38.7 116.1
150 153.6 0.0 348.2





#73

Isopropylbenzene

Concen: 2.065 ug/l

RT: 10.963 min Scan# 11670

Delta R.T. -0.000 min

Lab File: VX034070.D

Acq: 07 Feb 2023 18:48

Instrument :

MSVOA_X

ClientSampleId :

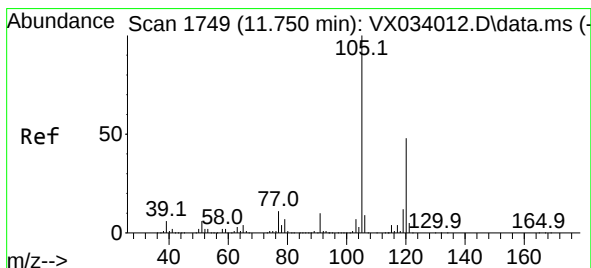
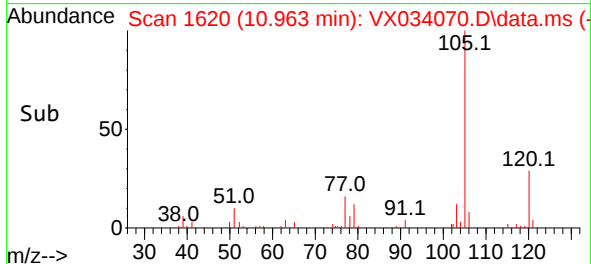
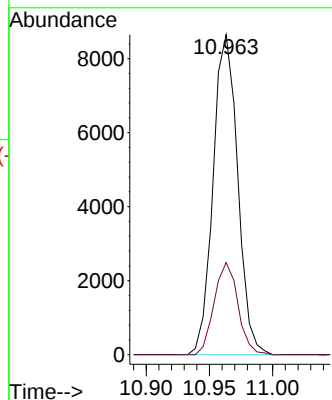
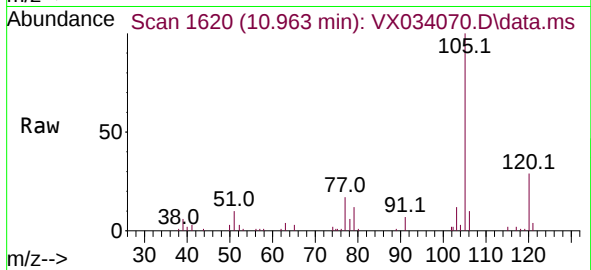
2423

Tgt Ion:105 Resp: 11670

Ion Ratio Lower Upper

105 100

120 27.8 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 0.426 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX034070.D

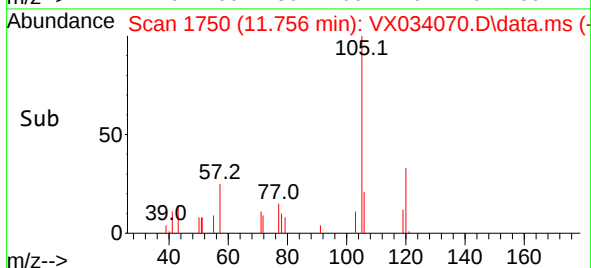
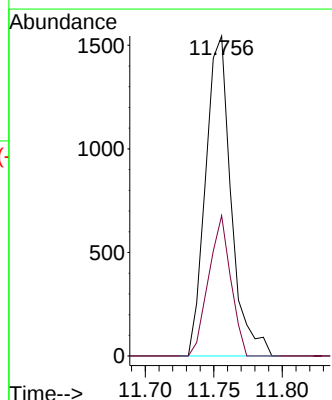
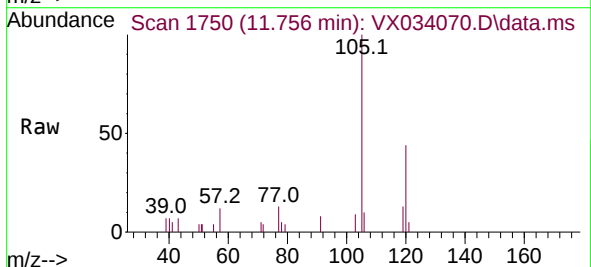
Acq: 07 Feb 2023 18:48

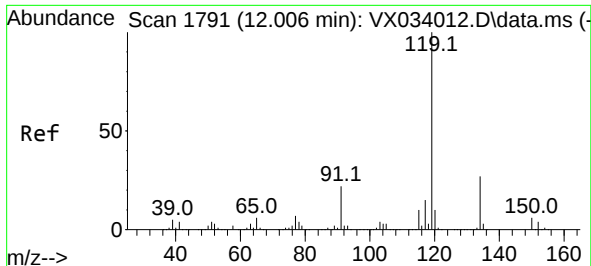
Tgt Ion:105 Resp: 2001

Ion Ratio Lower Upper

105 100

120 37.9 23.4 70.2

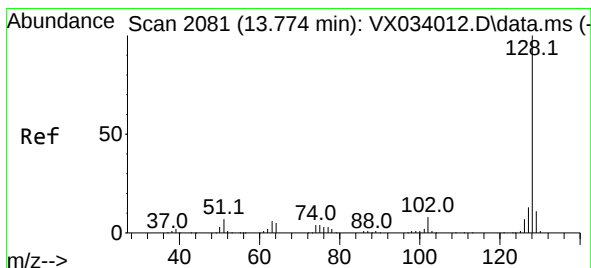
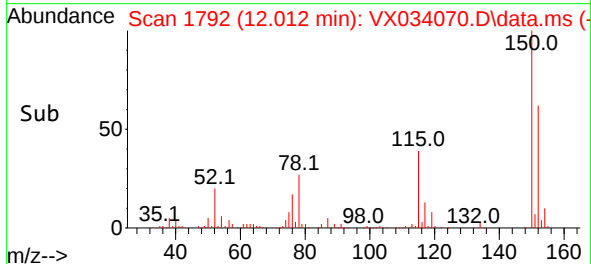
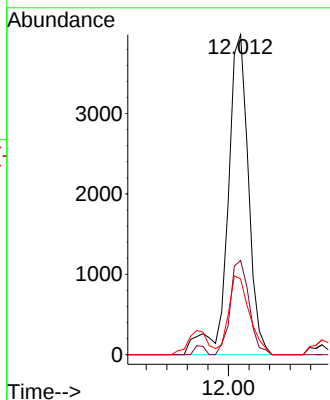
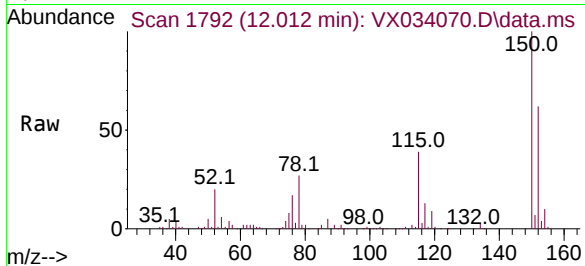




#86
p-Isopropyltoluene
Concen: 1.088 ug/l
RT: 12.012 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034070.D
Acq: 07 Feb 2023 18:48

Instrument :
MSVOA_X
ClientSampleId :
2423

Tgt Ion:119 Resp: 5548
Ion Ratio Lower Upper
119 100
134 27.0 13.6 40.8
91 25.0 11.0 33.0



#95
Naphthalene
Concen: 2.556 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034070.D
Acq: 07 Feb 2023 18:48

Tgt Ion:128 Resp: 13915
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.4 8.7 13.1

