

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034813.D
 Acq On : 28 Mar 2023 23:01
 Operator : JC/MD
 Sample : 02084-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

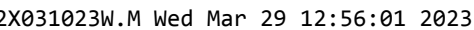
Quant Time: Mar 29 04:12:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

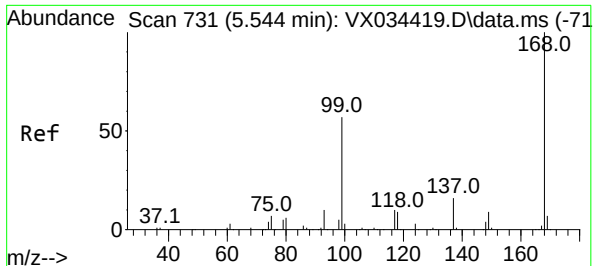
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	271776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	463206	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	415930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	196251	49.636	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.280%		
35) Dibromofluoromethane	5.385	113	144366	47.205	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.400%		
50) Toluene-d8	8.647	98	557940	48.870	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.740%		
62) 4-Bromofluorobenzene	11.079	95	207084	44.906	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.820%		
Target Compounds					Qvalue	
16) Acetone	2.380	43	14611	7.845	ug/l	91
31) Cyclohexane	5.471	56	46881	8.455	ug/l	99
39) Methylcyclohexane	7.379	83	54904	9.767	ug/l	93
40) Benzene	6.044	78	4196	0.305	ug/l	100
52) Toluene	8.720	92	31436	3.695	ug/l	97
67) Ethyl Benzene	10.195	91	35949	2.200	ug/l	99
68) m/p-Xylenes	10.299	106	144976	23.101	ug/l	99
69) o-Xylene	10.640	106	88245	14.011	ug/l	96
73) Isopropylbenzene	10.964	105	40246	2.765	ug/l	96
78) n-propylbenzene	11.305	91	60414	3.594	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	49419	4.048	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	263718	21.135	ug/l	100
85) sec-Butylbenzene	11.890	105	10599	0.704	ug/l	92
86) p-Isopropyltoluene	12.006	119	9672	0.765	ug/l	89

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

Quant Time: Mar 29 04:12:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
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Response via : Initial Calibration

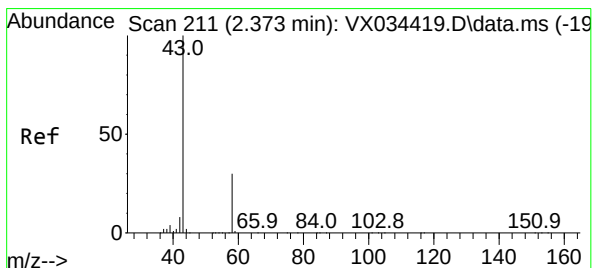
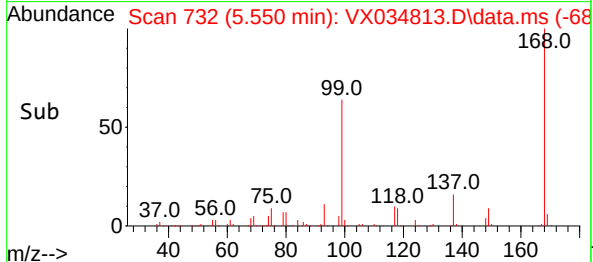
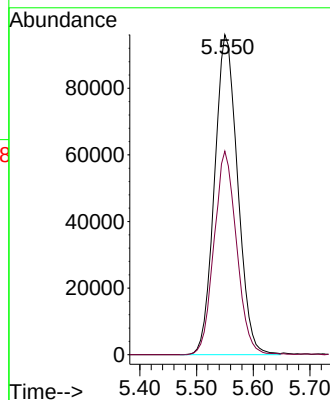
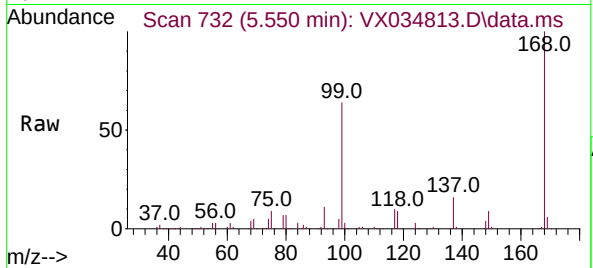




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

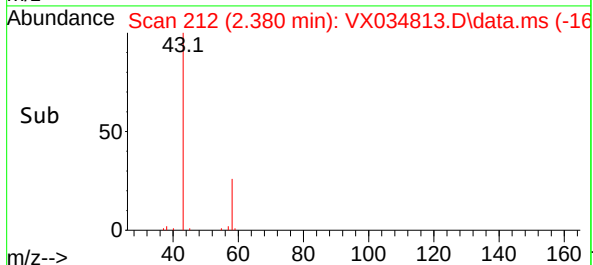
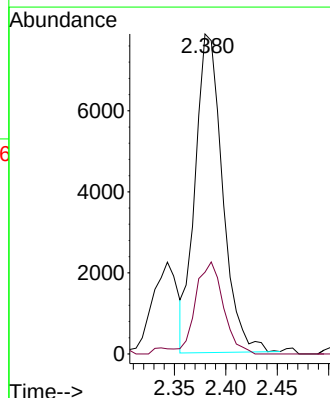
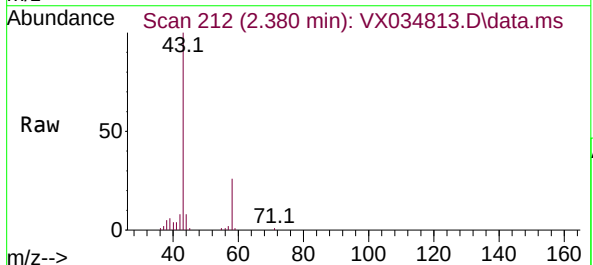
Instrument :
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ClientSampleId :
MW-3

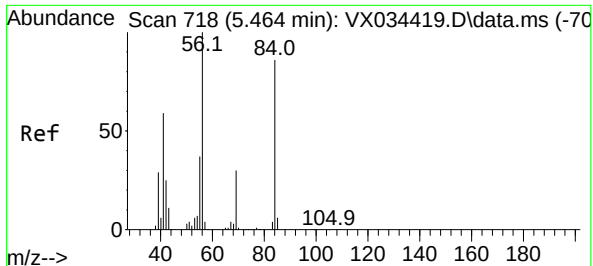
Tgt Ion:168 Resp: 271776
Ion Ratio Lower Upper
168 100
99 63.6 45.7 68.5



#16
Acetone
Concen: 7.845 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Tgt Ion: 43 Resp: 14611
Ion Ratio Lower Upper
43 100
58 25.7 24.7 37.1

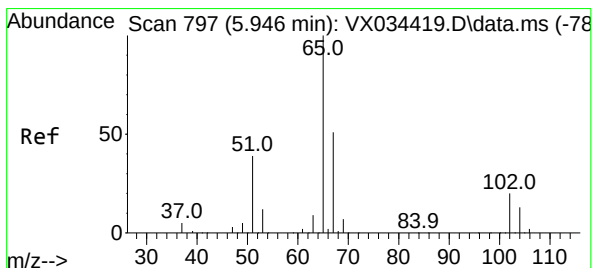
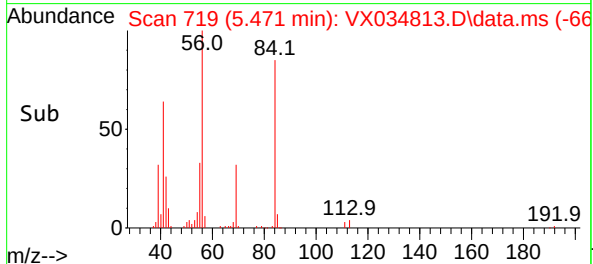
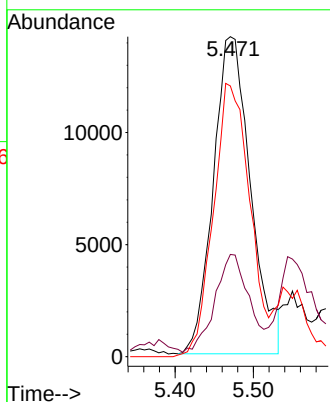
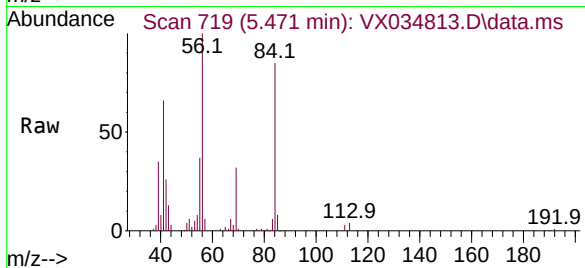




#31
Cyclohexane
Concen: 8.455 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

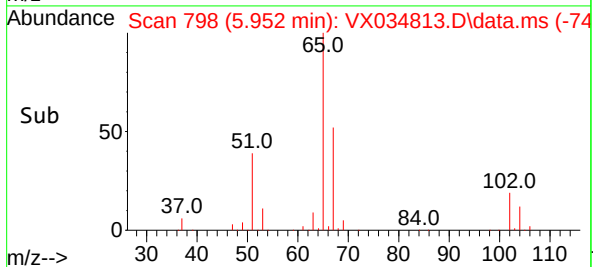
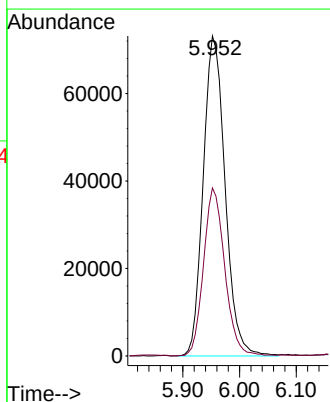
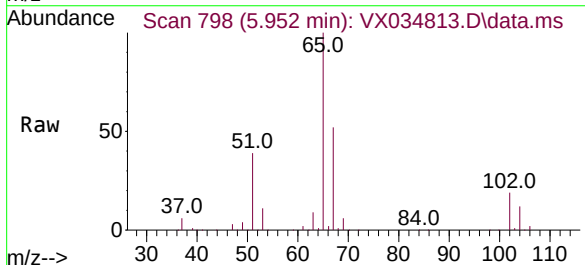
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ClientSampleId :
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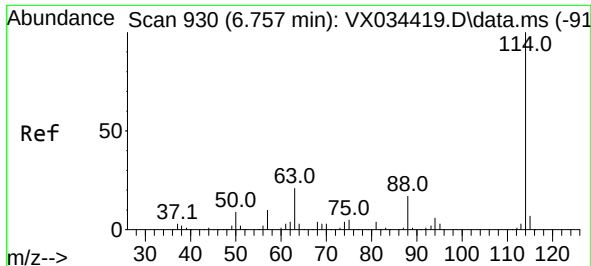
Tgt Ion: 56 Resp: 46881
Ion Ratio Lower Upper
56 100
69 29.9 23.7 35.5
84 84.9 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 49.636 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Tgt Ion: 65 Resp: 196251
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0

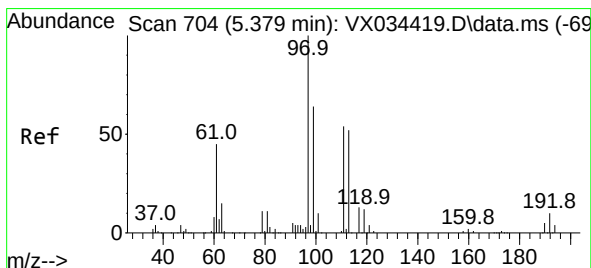
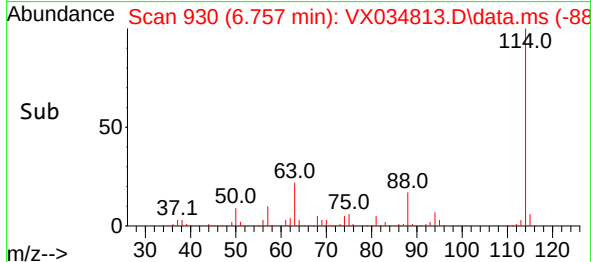
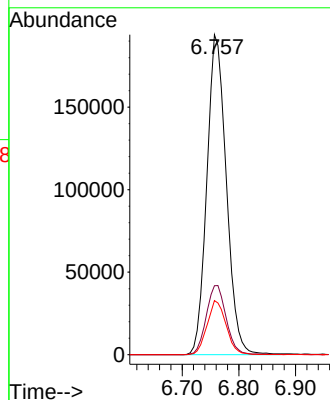
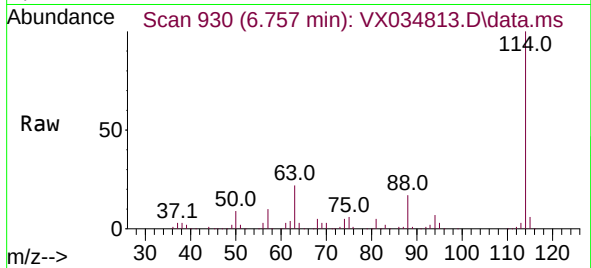




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

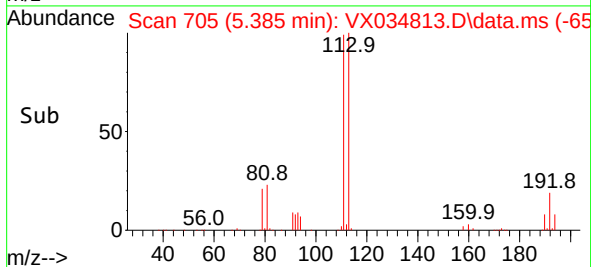
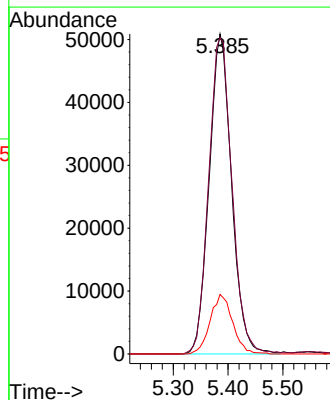
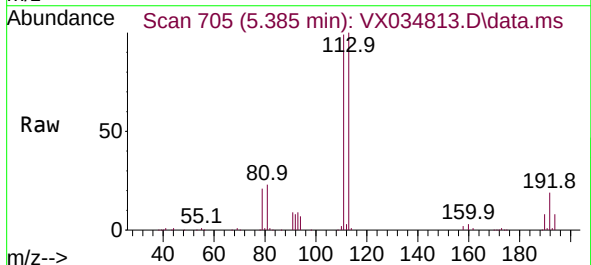
Instrument :
MSVOA_X
ClientSampleId :
MW-3

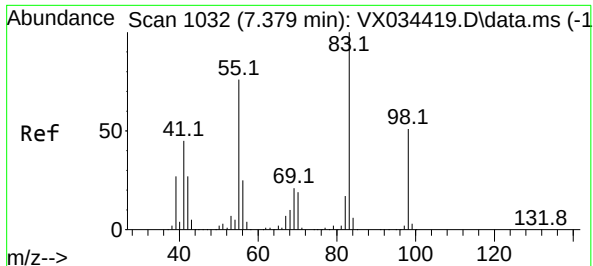
Tgt Ion:114 Resp: 463206
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.2
88 16.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.205 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Tgt Ion:113 Resp: 144366
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 18.7 15.4 23.2





#39

Methylcyclohexane

Concen: 9.767 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034813.D

Acq: 28 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

MW-3

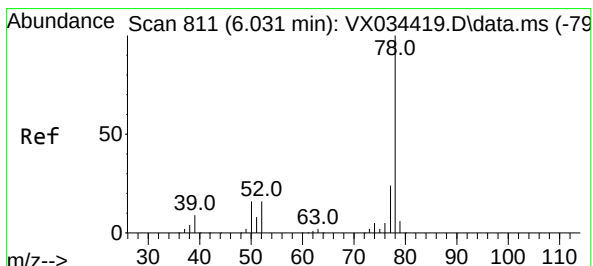
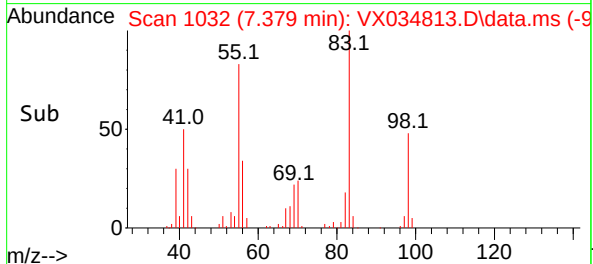
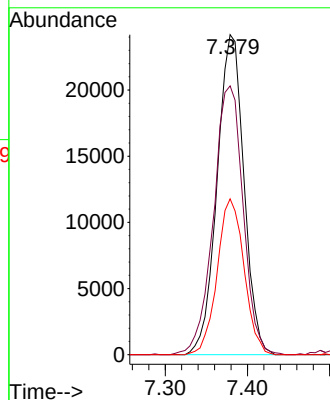
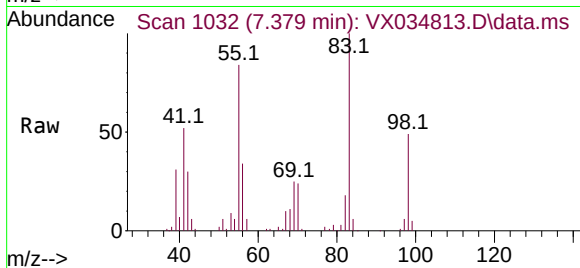
Tgt Ion: 83 Resp: 54904

Ion Ratio Lower Upper

83 100

55 83.6 60.5 90.7

98 48.7 40.4 60.6



#40

Benzene

Concen: 0.305 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.012 min

Lab File: VX034813.D

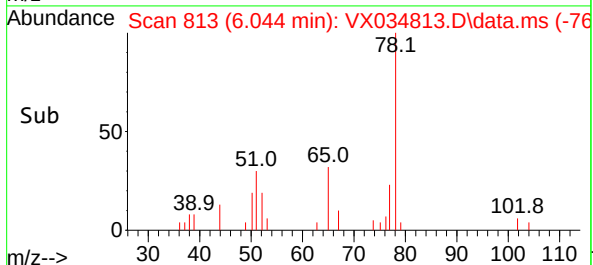
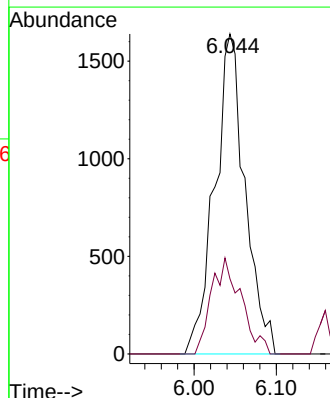
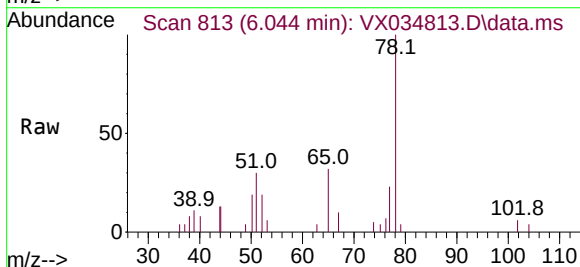
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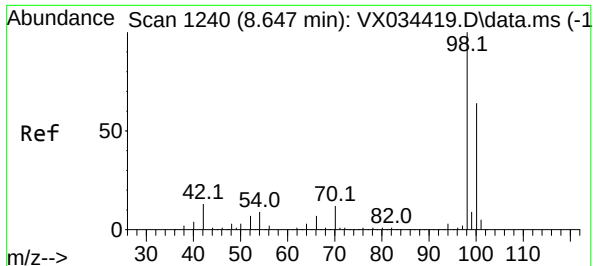
Tgt Ion: 78 Resp: 4196

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4

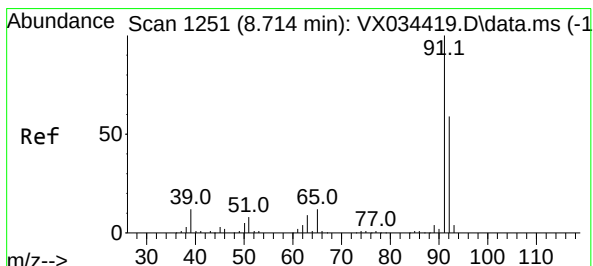
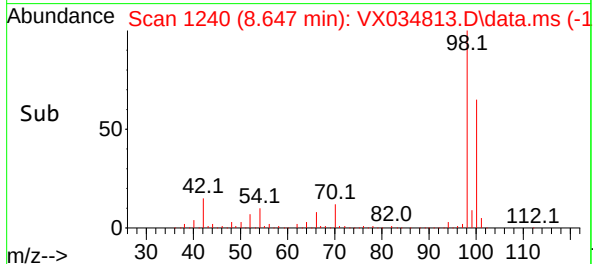
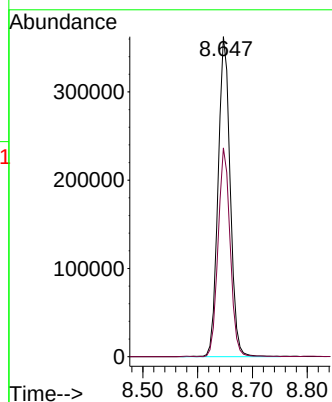
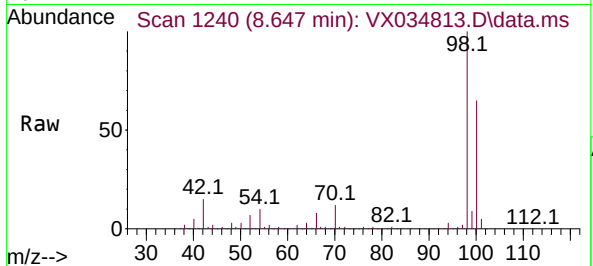




#50
Toluene-d8
Concen: 48.870 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

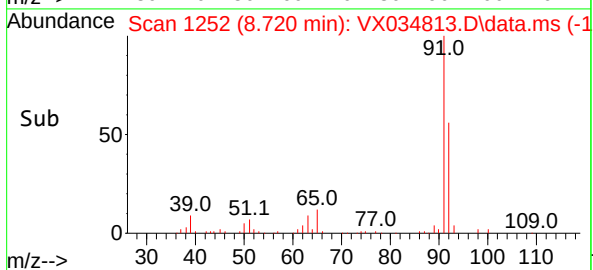
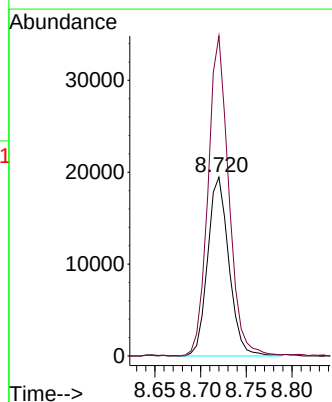
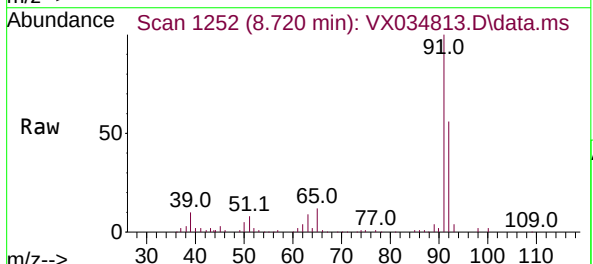
Instrument :
MSVOA_X
ClientSampleId :
MW-3

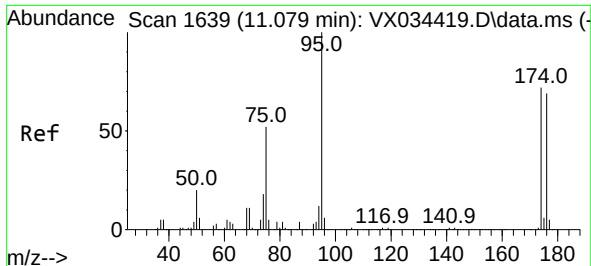
Tgt Ion: 98 Resp: 557940
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7



#52
Toluene
Concen: 3.695 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Tgt Ion: 92 Resp: 31436
Ion Ratio Lower Upper
92 100
91 175.1 136.8 205.2

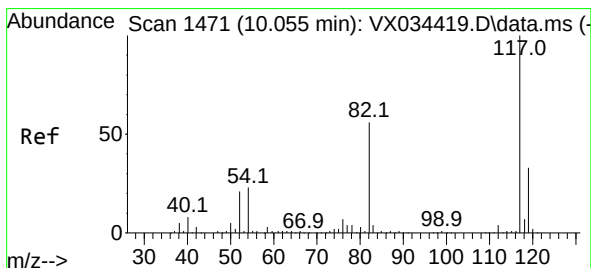
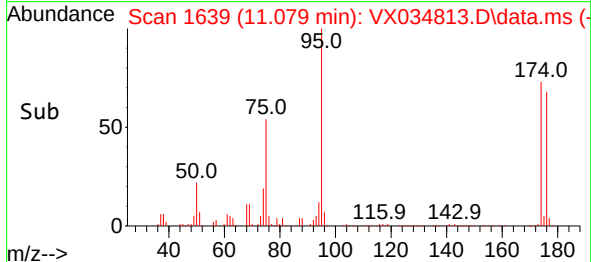
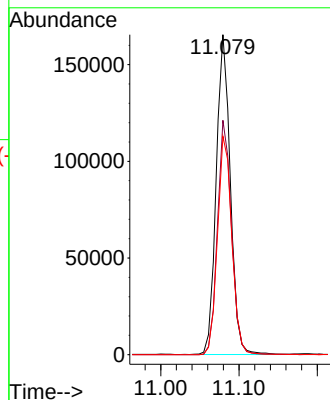
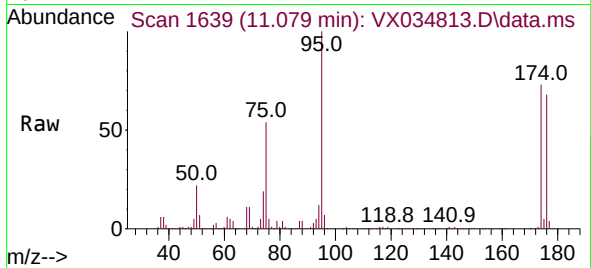




#62
4-Bromofluorobenzene
Concen: 44.906 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

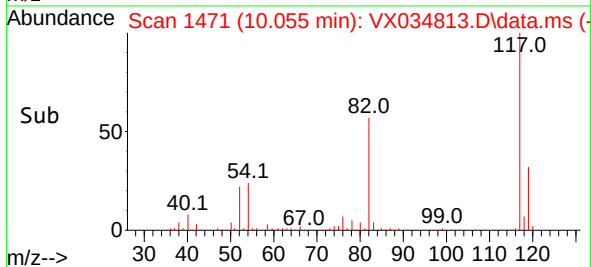
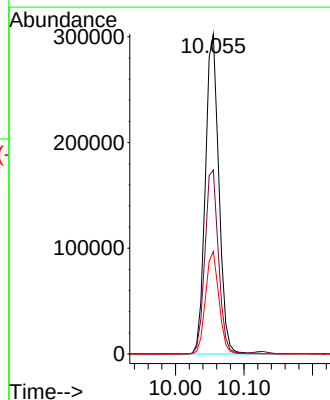
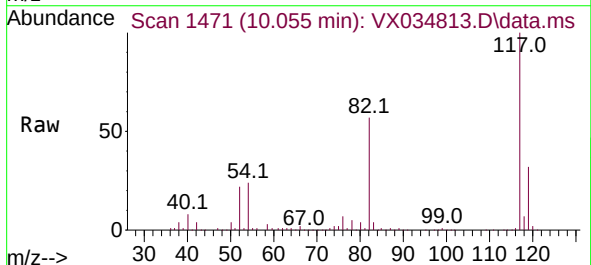
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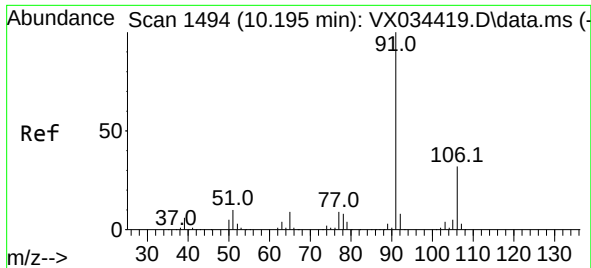
Tgt Ion: 95 Resp: 207084
Ion Ratio Lower Upper
95 100
174 72.8 0.0 147.4
176 69.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Tgt Ion: 117 Resp: 415930
Ion Ratio Lower Upper
117 100
82 57.5 45.0 67.4
119 32.1 26.0 39.0

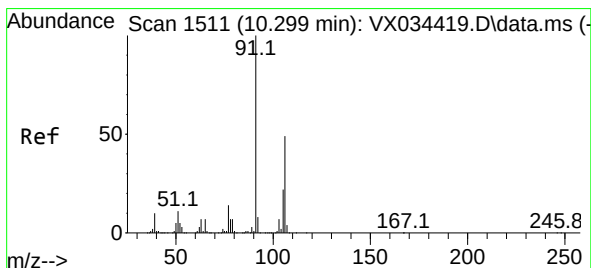
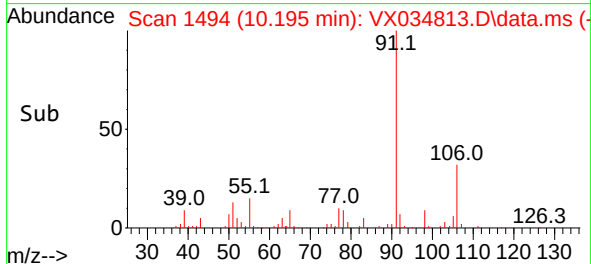
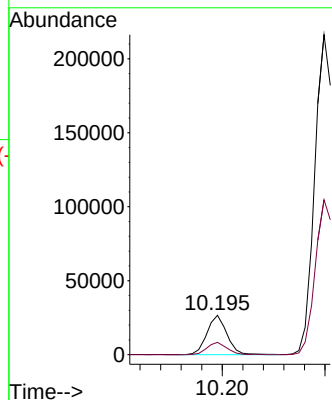
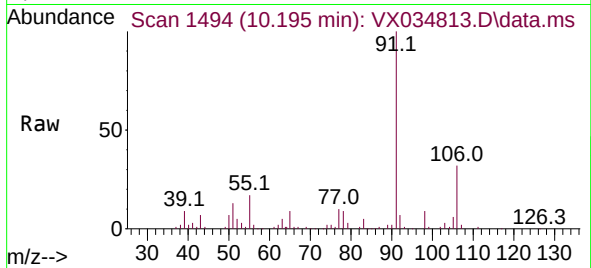




#67
Ethyl Benzene
Concen: 2.200 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

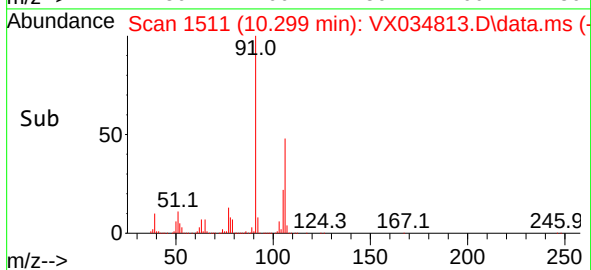
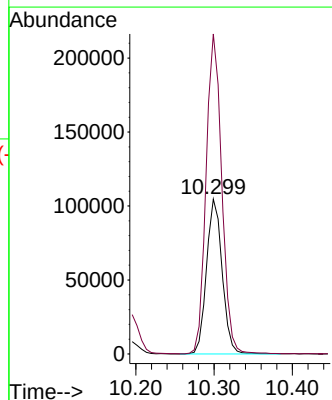
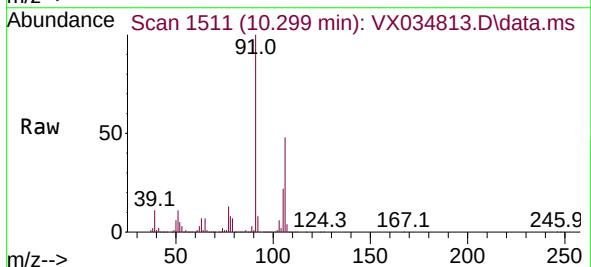
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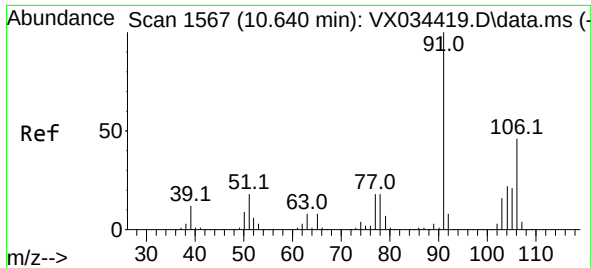
Tgt Ion: 91 Resp: 35949
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4



#68
m/p-Xylenes
Concen: 23.101 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Tgt Ion: 106 Resp: 144976
Ion Ratio Lower Upper
106 100
91 207.2 164.0 246.0

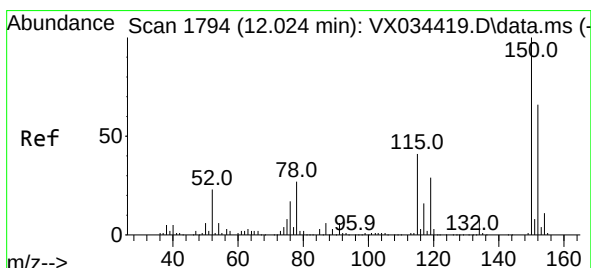
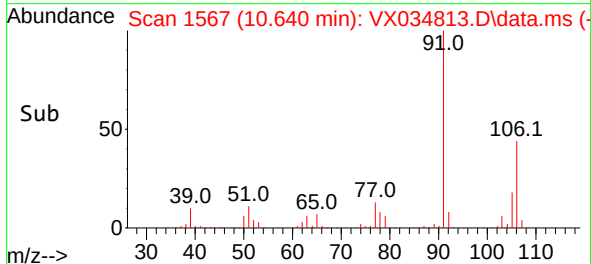
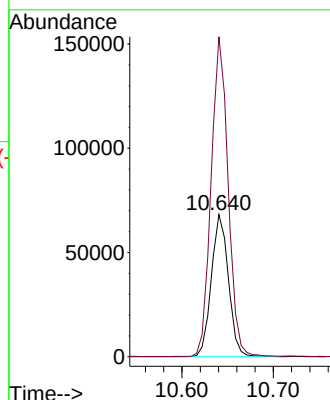
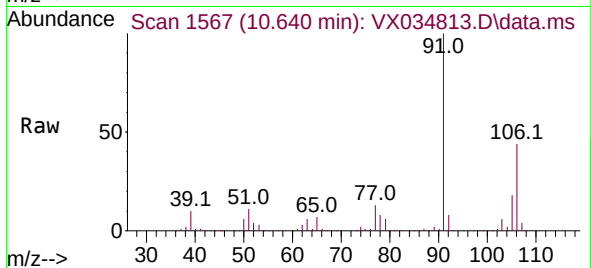




#69
o-Xylene
Concen: 14.011 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

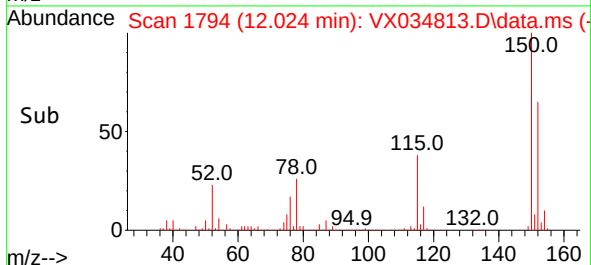
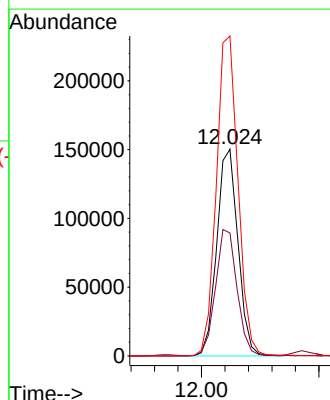
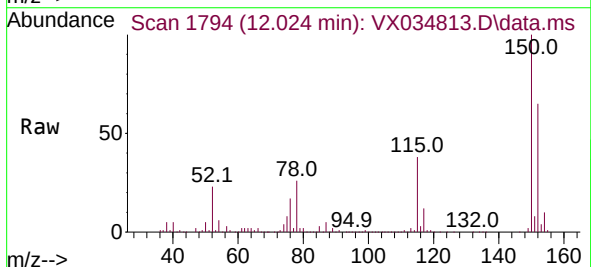
Instrument :
MSVOA_X
ClientSampleId :
MW-3

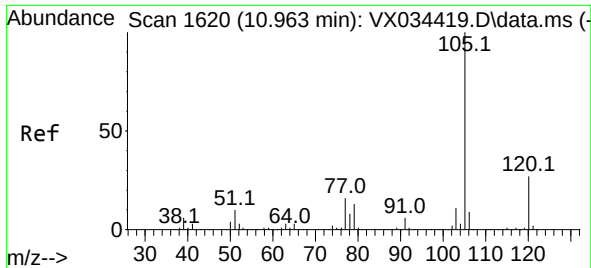
Tgt Ion:106 Resp: 88245
Ion Ratio Lower Upper
106 100
91 223.9 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Tgt Ion:152 Resp: 188338
Ion Ratio Lower Upper
152 100
115 62.0 45.0 135.0
150 158.7 0.0 352.4

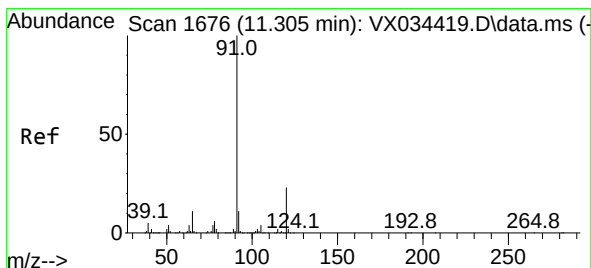
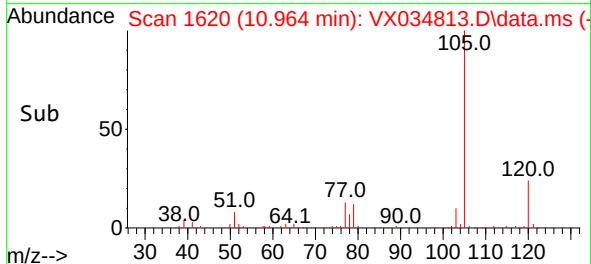
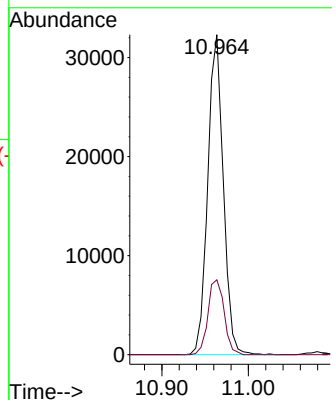
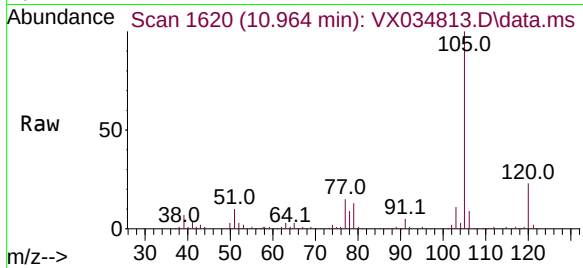




#73
Isopropylbenzene
Concen: 2.765 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

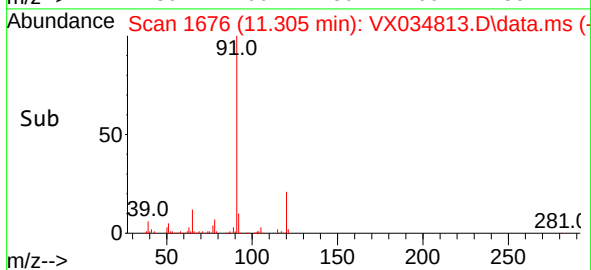
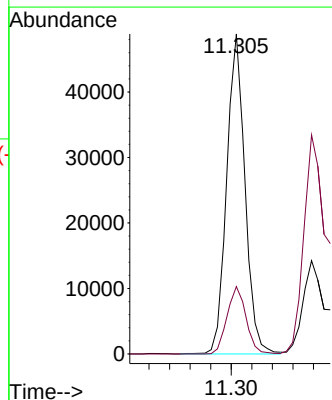
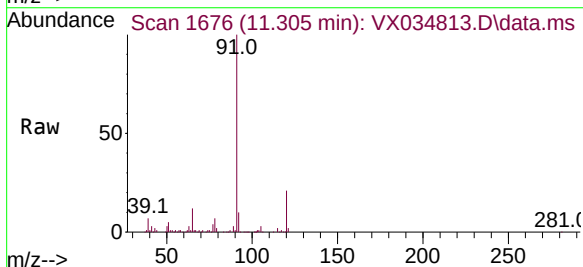
Instrument :
MSVOA_X
ClientSampleId :
MW-3

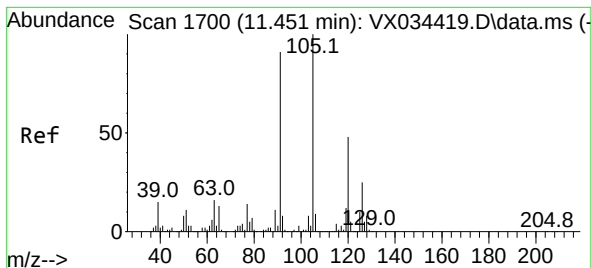
Tgt Ion:105 Resp: 40246
Ion Ratio Lower Upper
105 100
120 24.4 13.3 39.9



#78
n-propylbenzene
Concen: 3.594 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034813.D
Acq: 28 Mar 2023 23:01

Tgt Ion: 91 Resp: 60414
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.5





#80

1,3,5-Trimethylbenzene

Concen: 4.048 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX034813.D

Acq: 28 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

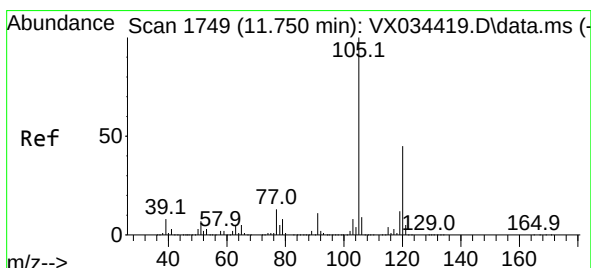
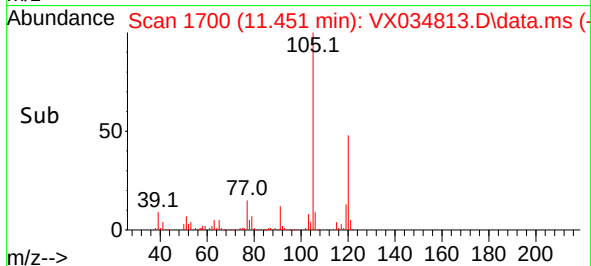
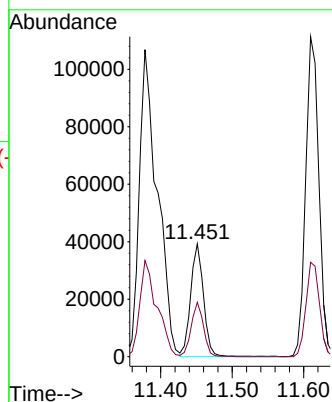
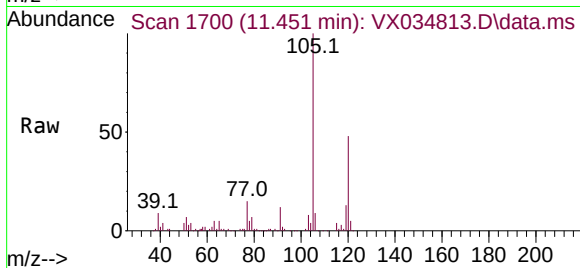
MW-3

Tgt Ion:105 Resp: 49419

Ion Ratio Lower Upper

105 100

120 46.1 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 21.135 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034813.D

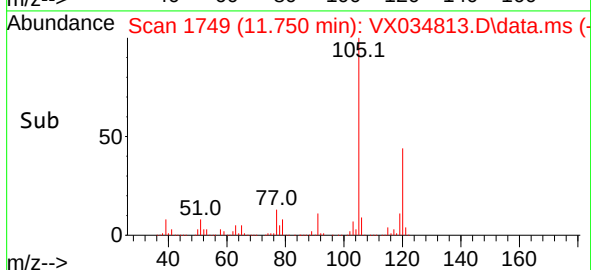
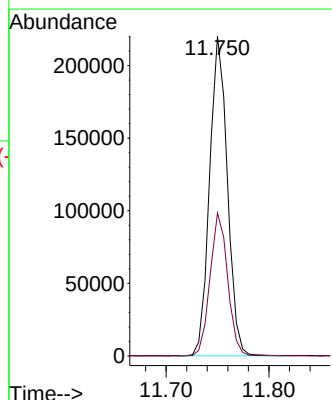
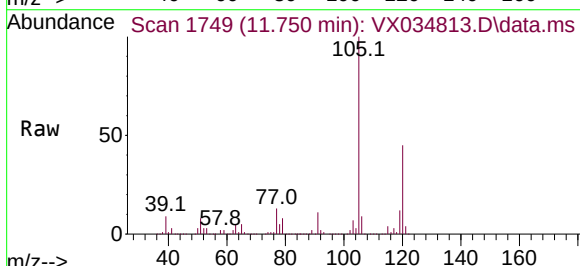
Acq: 28 Mar 2023 23:01

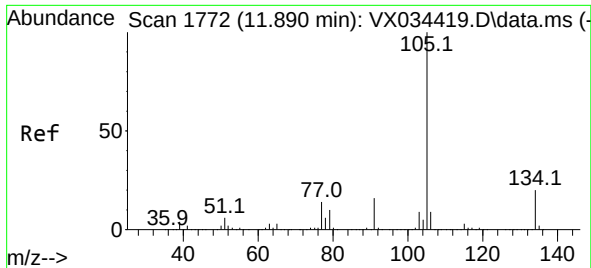
Tgt Ion:105 Resp: 263718

Ion Ratio Lower Upper

105 100

120 44.5 22.4 67.0

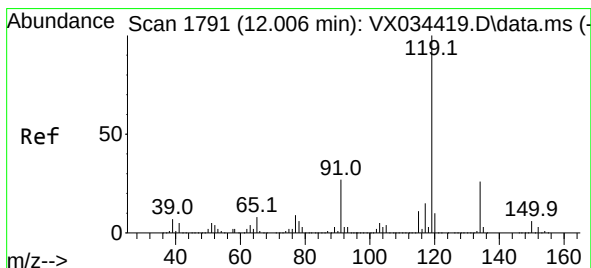
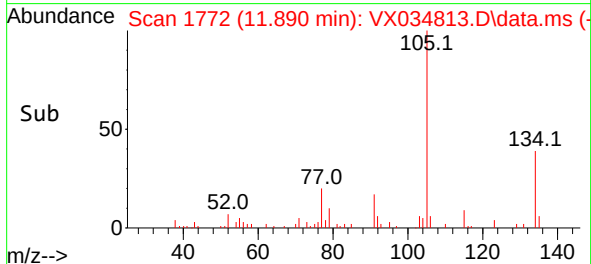
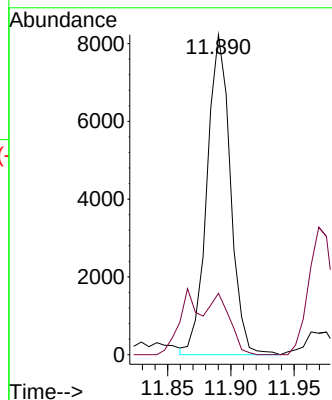
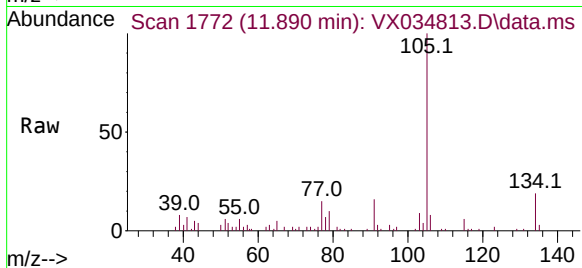




#85
 sec-Butylbenzene
 Concen: 0.704 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034813.D
 Acq: 28 Mar 2023 23:01

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Tgt Ion:105 Resp: 10599
 Ion Ratio Lower Upper
 105 100
 134 16.8 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 0.765 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034813.D
 Acq: 28 Mar 2023 23:01

Tgt Ion:119 Resp: 9672
 Ion Ratio Lower Upper
 119 100
 134 29.1 13.2 39.5
 91 33.9 12.9 38.7

