

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033023\
 Data File : VX034847.D
 Acq On : 30 Mar 2023 13:10
 Operator : JC/MD
 Sample : 02084-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Mar 31 01:31:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 11:02:25 2023
 Response via : Initial Calibration

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

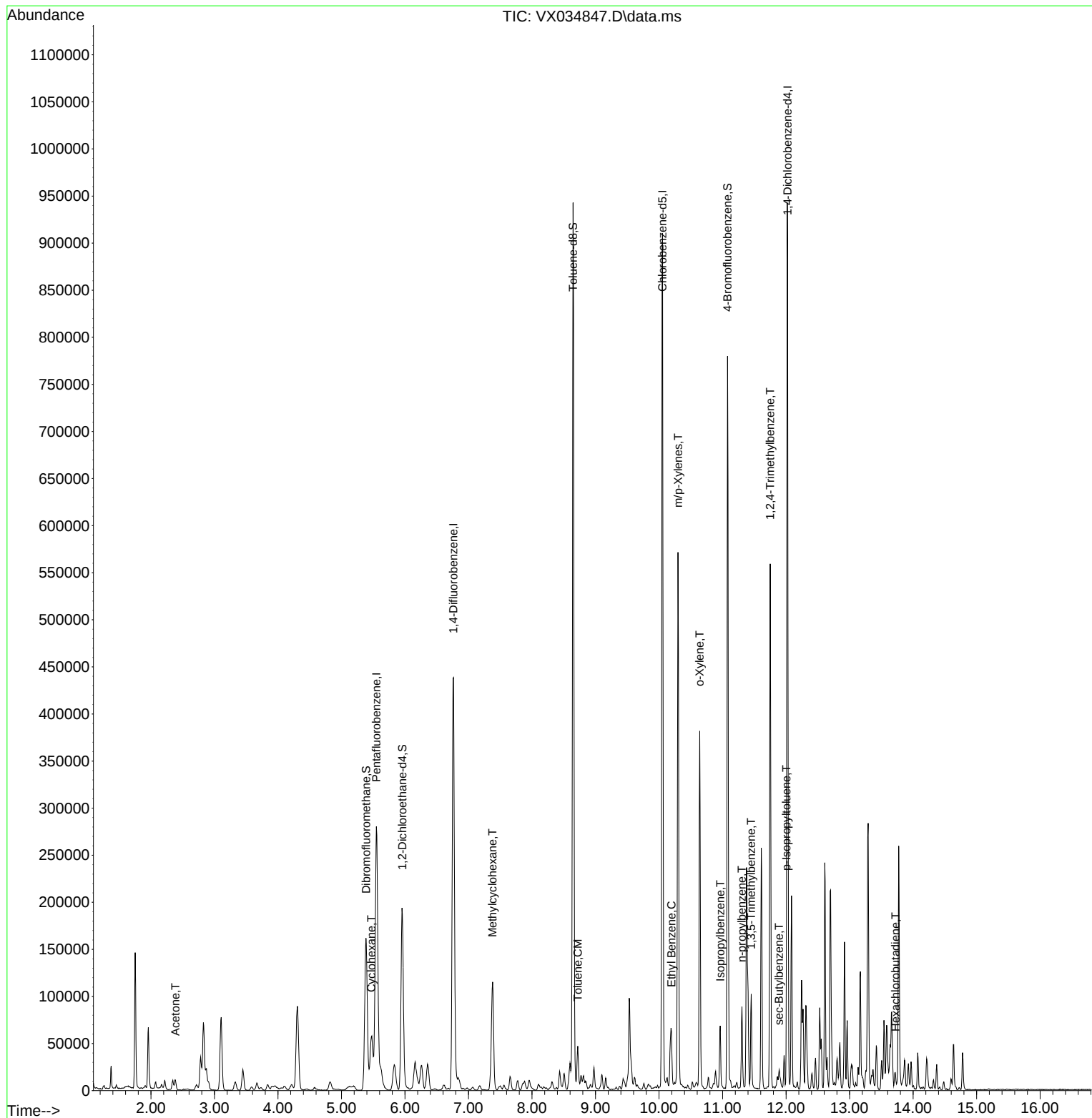
Internal Standards						
1) Pentafluorobenzene	5.550	168	257474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	438088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	181482	46.088	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.180%		
35) Dibromofluoromethane	5.385	113	137413	47.423	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.840%		
50) Toluene-d8	8.647	98	536942	50.204	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.400%		
62) 4-Bromofluorobenzene	11.079	95	198930	48.065	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.120%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	12868	8.075	ug/l	93
31) Cyclohexane	5.471	56	38845	8.102	ug/l	95
39) Methylcyclohexane	7.379	83	47793	10.508	ug/l	95
52) Toluene	8.720	92	16732	2.114	ug/l	99
67) Ethyl Benzene	10.195	91	27658	1.858	ug/l	93
68) m/p-Xylenes	10.299	106	123796	21.978	ug/l	99
69) o-Xylene	10.640	106	76411	13.656	ug/l	97
73) Isopropylbenzene	10.963	105	33803	2.539	ug/l	99
78) n-propylbenzene	11.305	91	51242	3.334	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	42043	3.747	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	224255	19.850	ug/l	100
85) sec-Butylbenzene	11.890	105	9253	0.719	ug/l	93
86) p-Isopropyltoluene	12.006	119	9040	0.846	ug/l	89
94) Hexachlorobutadiene	13.725	225	744	0.387	ug/l	93

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

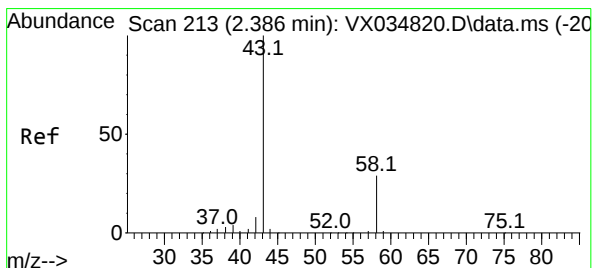
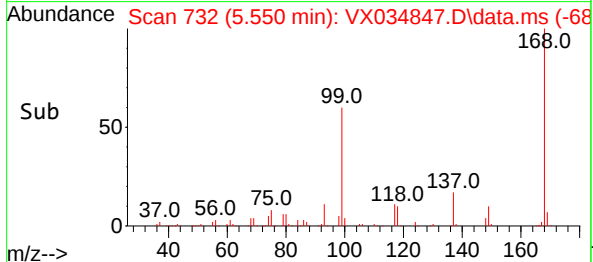
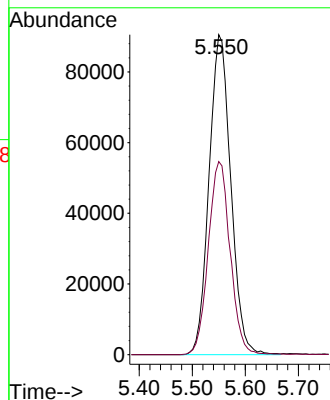
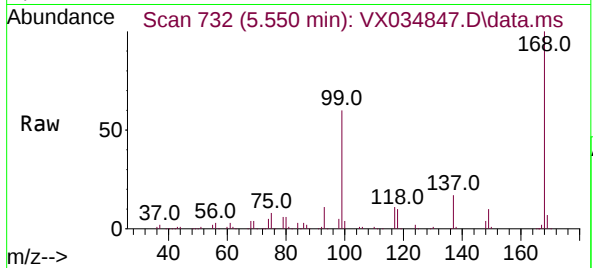




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

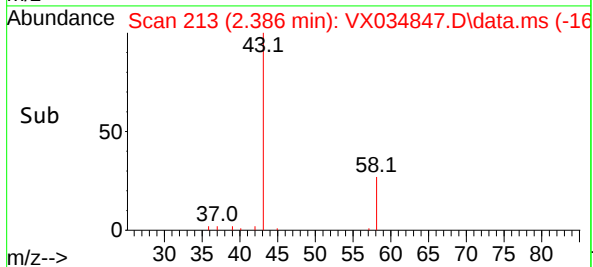
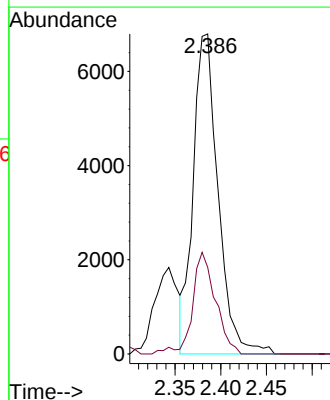
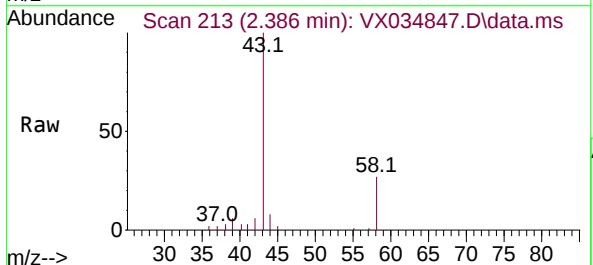
Instrument :
MSVOA_X
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MW-3

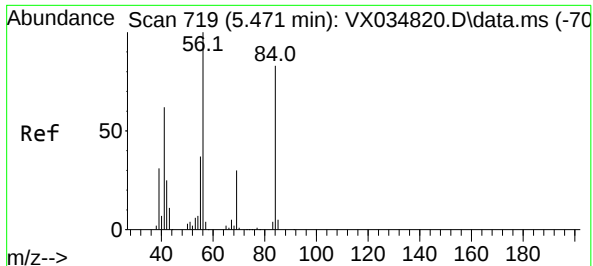
Tgt Ion:168 Resp: 257474
Ion Ratio Lower Upper
168 100
99 60.4 45.7 68.5



#16
Acetone
Concen: 8.075 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Tgt Ion: 43 Resp: 12868
Ion Ratio Lower Upper
43 100
58 27.0 24.7 37.1

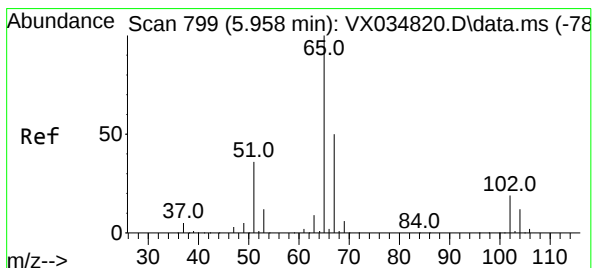
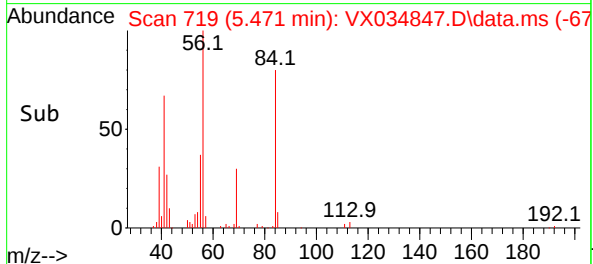
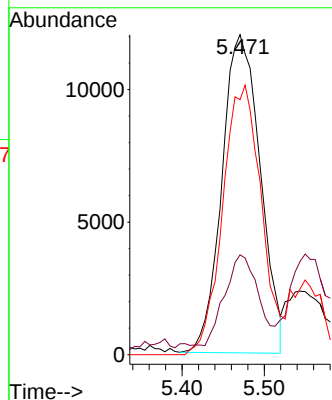
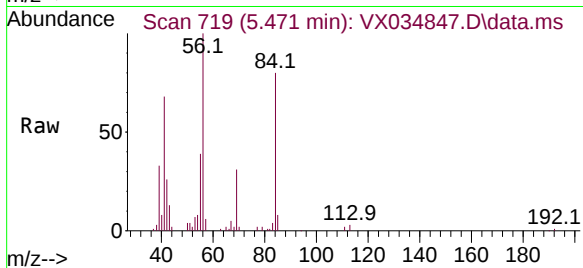




#31
Cyclohexane
Concen: 8.102 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

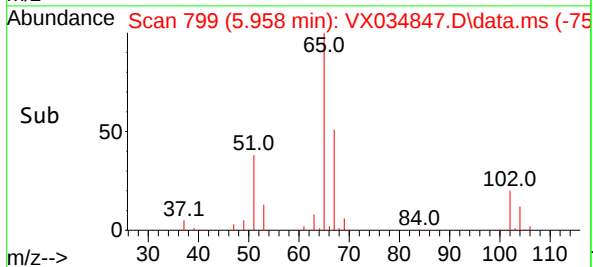
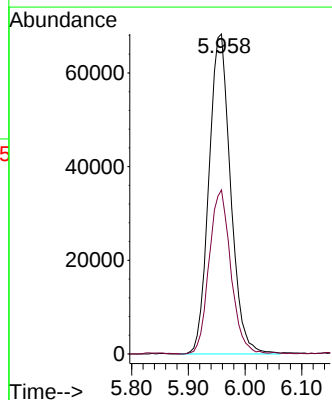
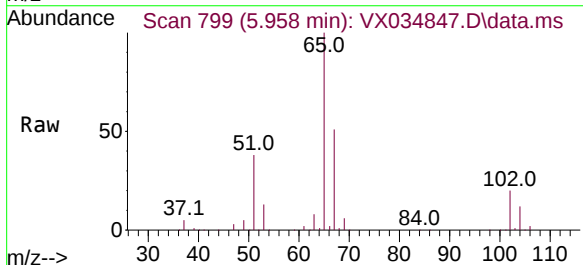
Instrument :
MSVOA_X
ClientSampleId :
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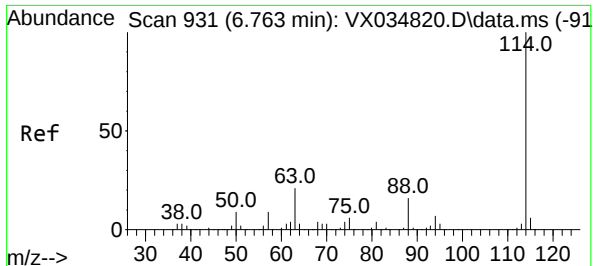
Tgt Ion: 56 Resp: 38845
Ion Ratio Lower Upper
56 100
69 28.0 23.7 35.5
84 80.3 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 46.088 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Tgt Ion: 65 Resp: 181482
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.0

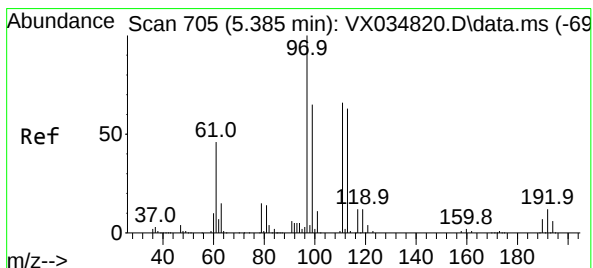
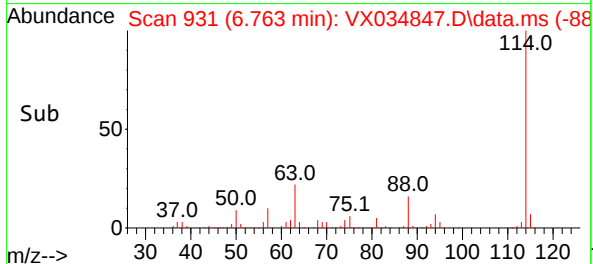
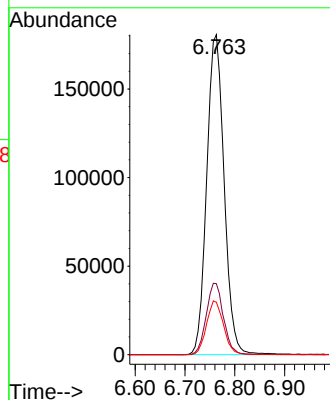
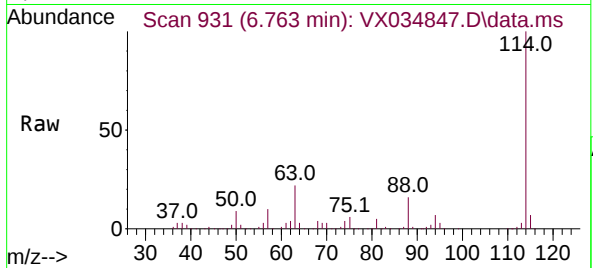




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

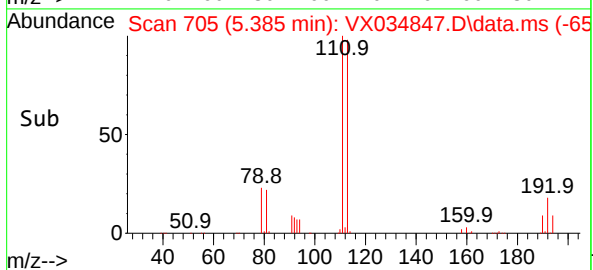
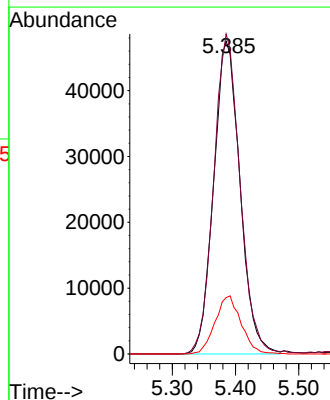
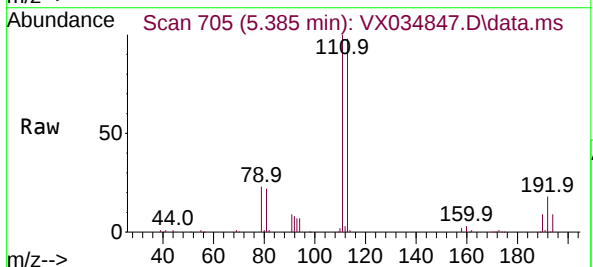
Instrument :
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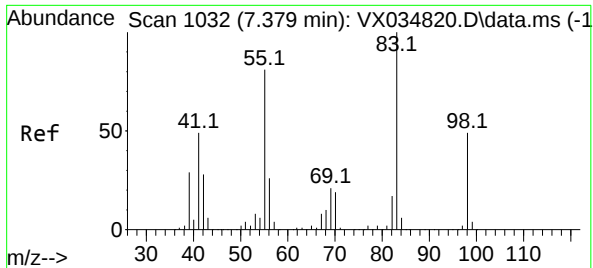
Tgt Ion:114 Resp: 438088
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.423 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Tgt Ion:113 Resp: 137413
Ion Ratio Lower Upper
113 100
111 102.1 83.7 125.5
192 18.3 15.4 23.2

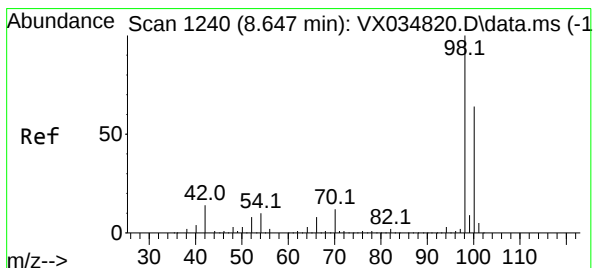
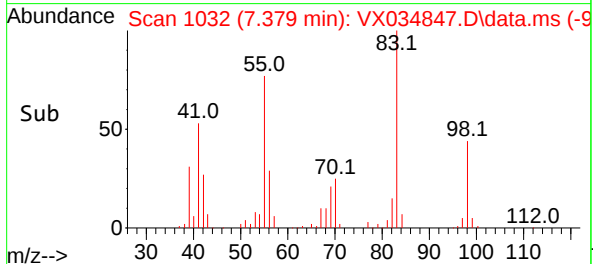
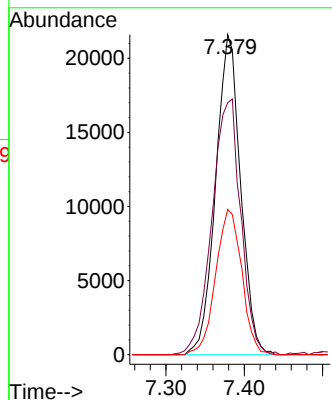
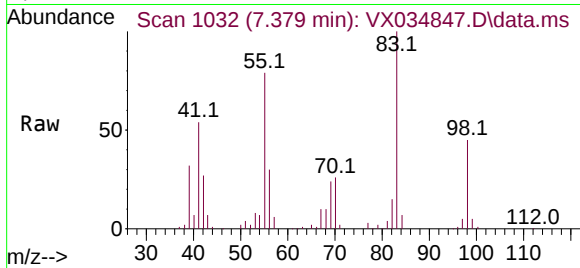




#39
Methylcyclohexane
Concen: 10.508 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

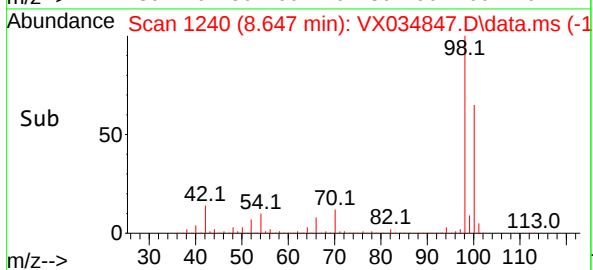
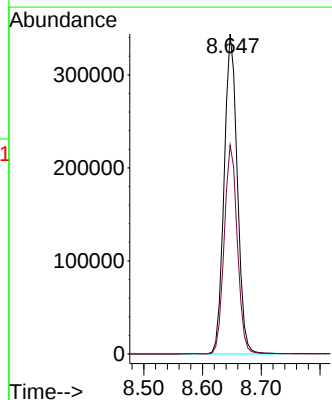
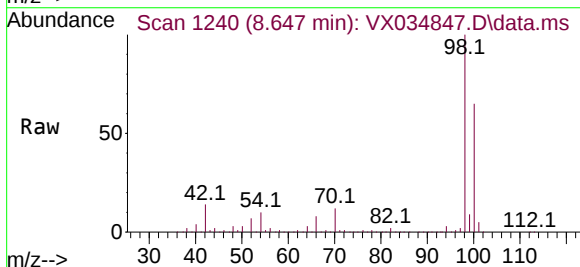
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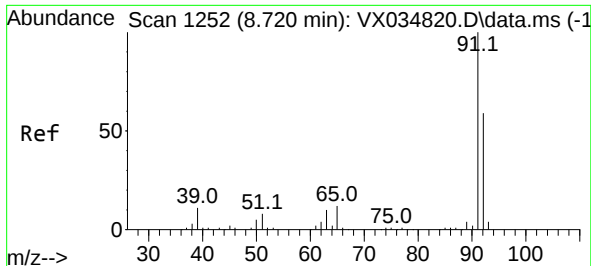
Tgt Ion: 83 Resp: 47793
Ion Ratio Lower Upper
83 100
55 78.8 60.5 90.7
98 45.4 40.4 60.6



#50
Toluene-d8
Concen: 50.204 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Tgt Ion: 98 Resp: 536942
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7

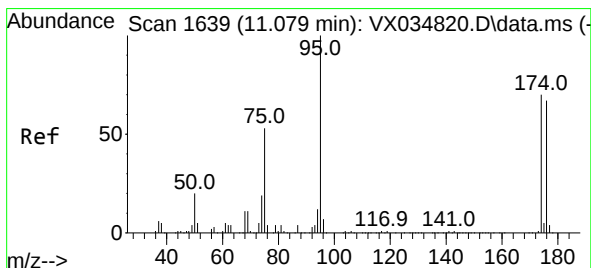
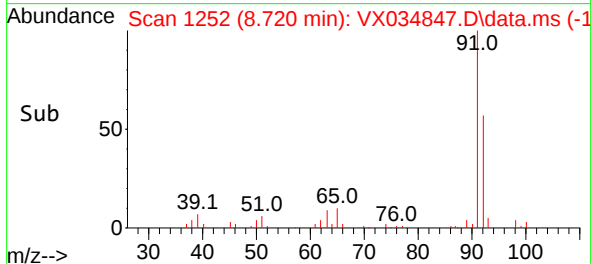
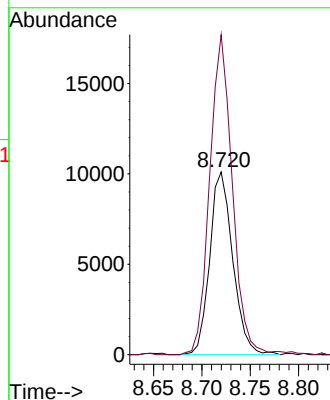
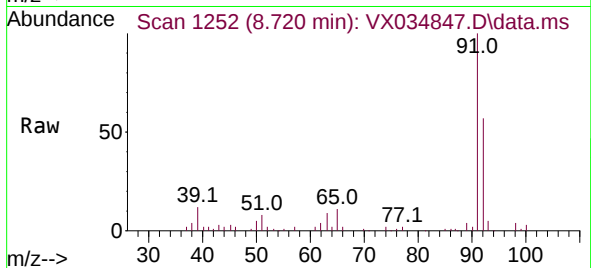




#52
Toluene
Concen: 2.114 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

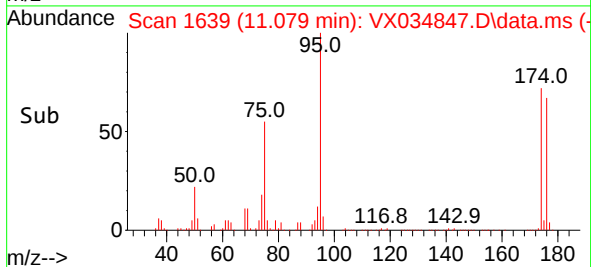
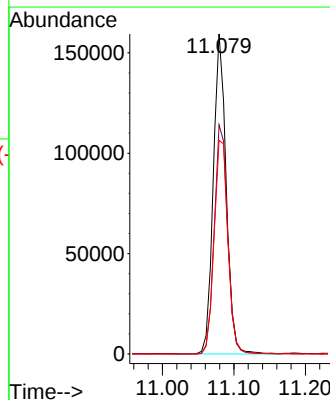
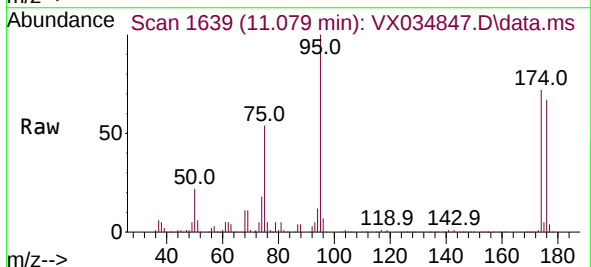
Instrument :
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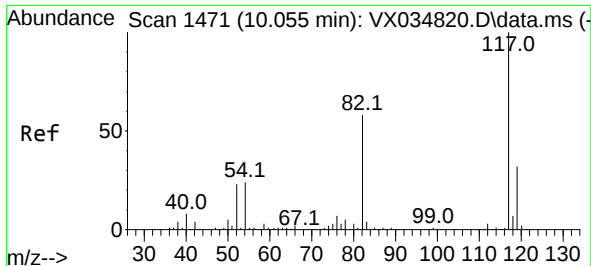
Tgt Ion: 92 Resp: 16732
Ion Ratio Lower Upper
92 100
91 172.7 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 48.065 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Tgt Ion: 95 Resp: 198930
Ion Ratio Lower Upper
95 100
174 74.7 0.0 147.4
176 71.6 0.0 140.6

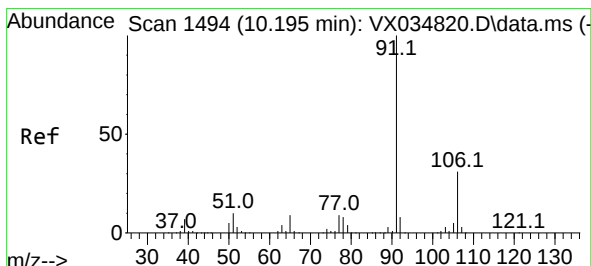
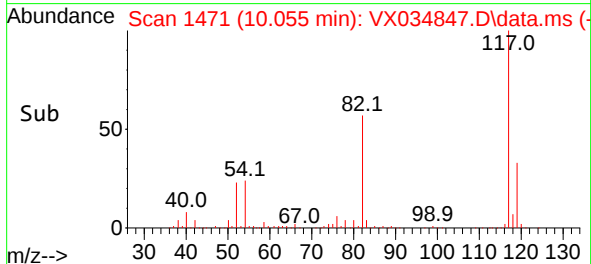
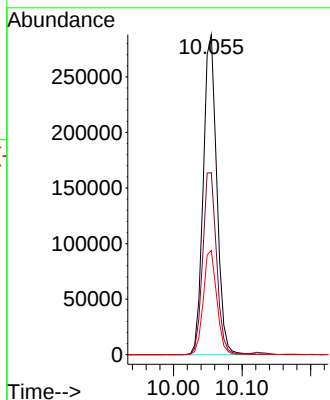
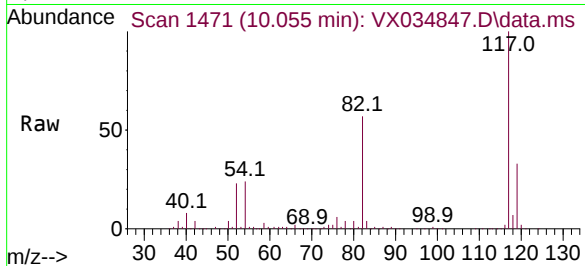




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

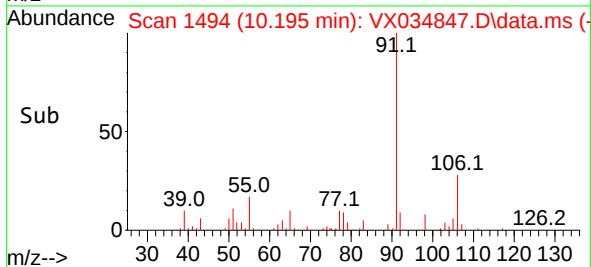
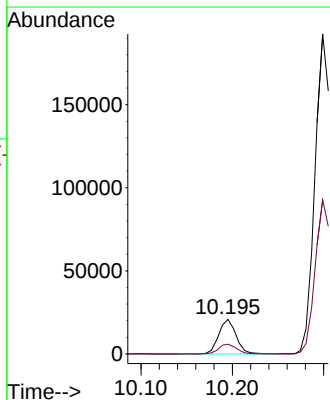
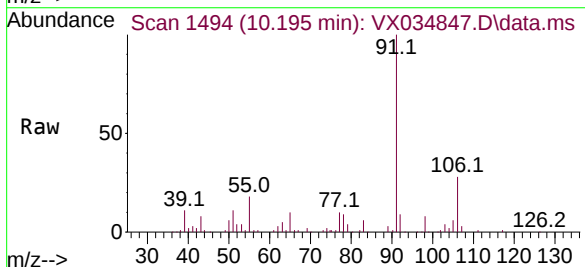
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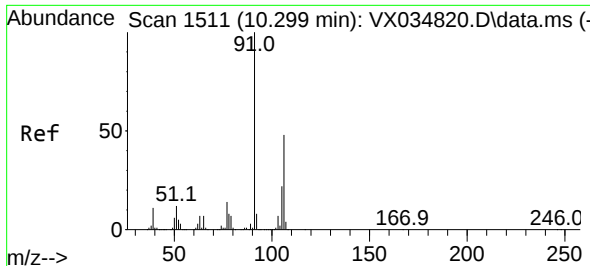
Tgt Ion:117 Resp: 396239
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 32.6 26.0 39.0



#67
Ethyl Benzene
Concen: 1.858 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Tgt Ion: 91 Resp: 27658
Ion Ratio Lower Upper
91 100
106 28.1 25.6 38.4

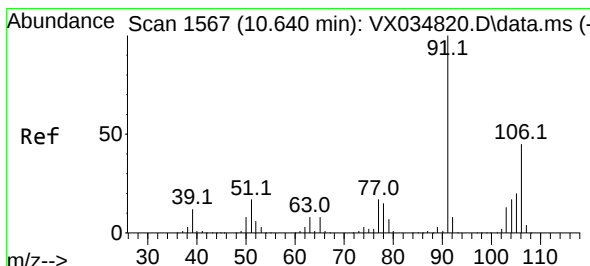
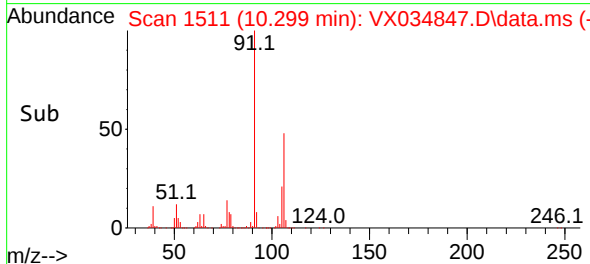
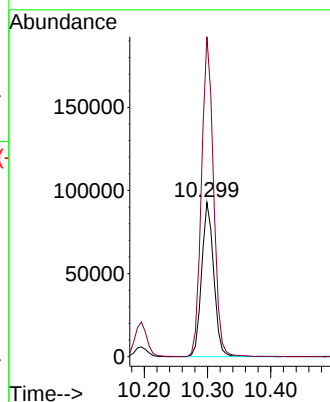
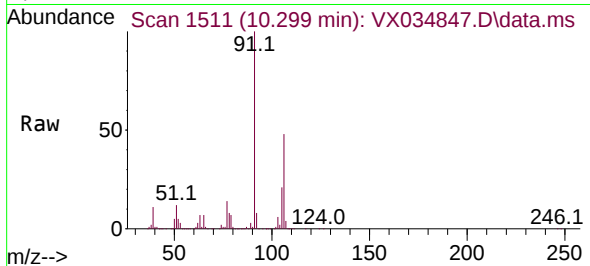




#68
m/p-Xylenes
Concen: 21.978 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

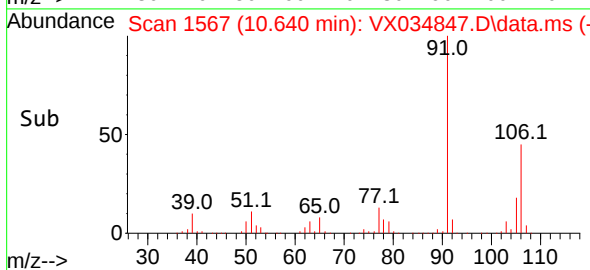
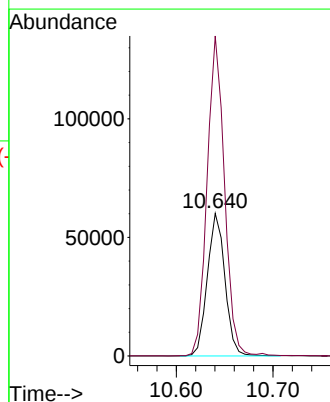
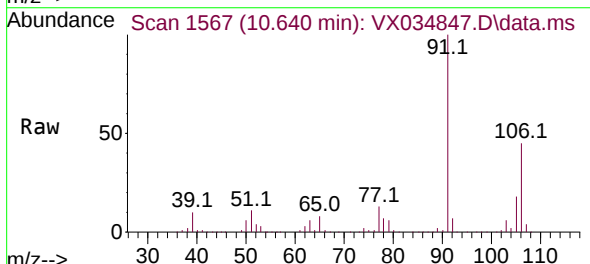
Instrument :
MSVOA_X
ClientSampleId :
MW-3

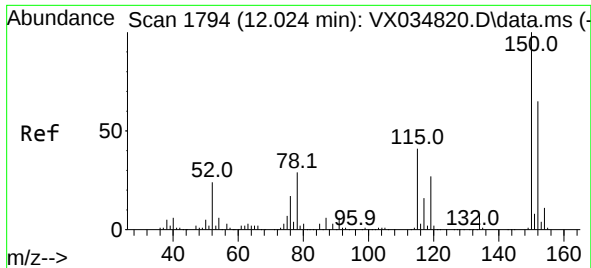
Tgt Ion:106 Resp: 123796
Ion Ratio Lower Upper
106 100
91 205.8 164.0 246.0



#69
o-Xylene
Concen: 13.656 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Tgt Ion:106 Resp: 76411
Ion Ratio Lower Upper
106 100
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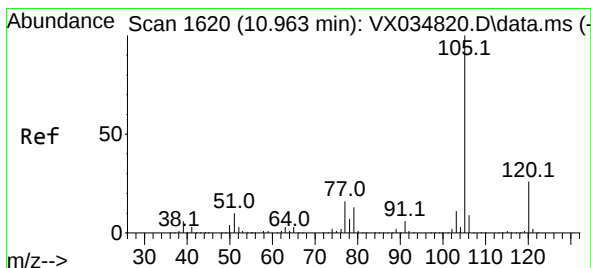
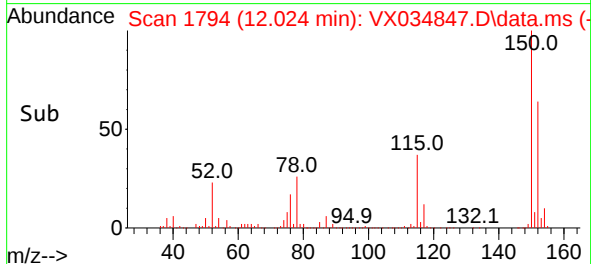
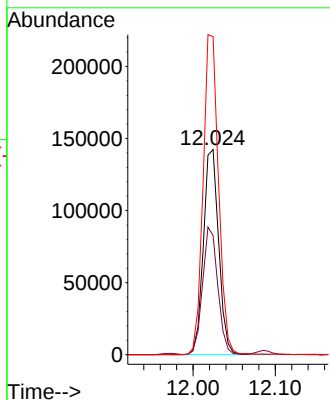
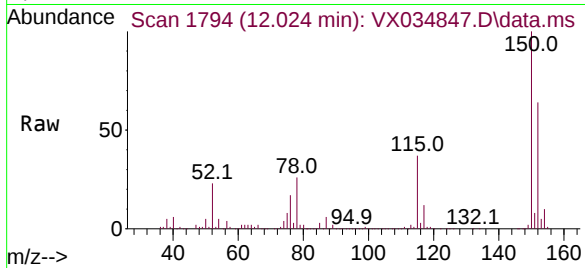




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034847.D
 Acq: 30 Mar 2023 13:10

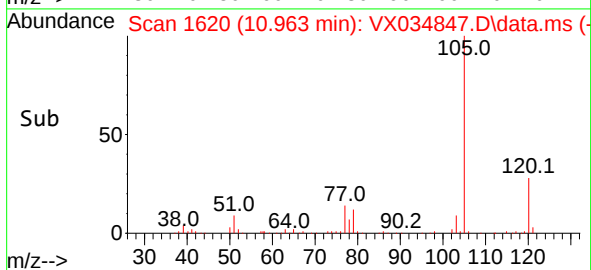
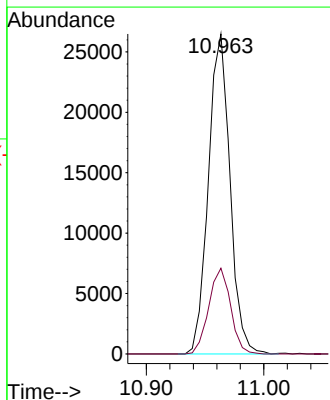
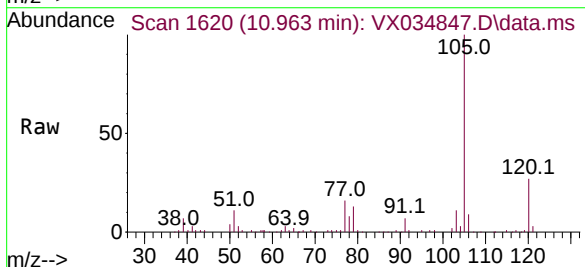
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

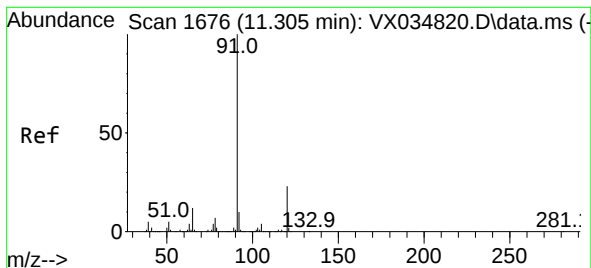
Tgt Ion:152 Resp: 184075
 Ion Ratio Lower Upper
 152 100
 115 61.7 45.0 135.0
 150 157.3 0.0 352.4



#73
 Isopropylbenzene
 Concen: 2.539 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX034847.D
 Acq: 30 Mar 2023 13:10

Tgt Ion:105 Resp: 33803
 Ion Ratio Lower Upper
 105 100
 120 27.0 13.3 39.9





#78

n-propylbenzene

Concen: 3.334 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034847.D

Acq: 30 Mar 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

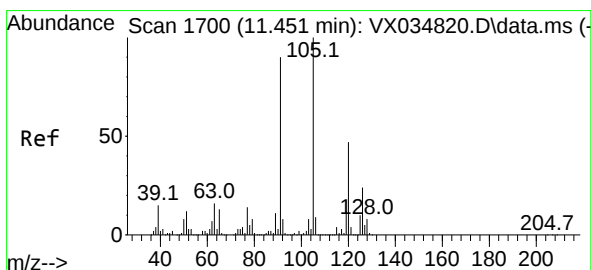
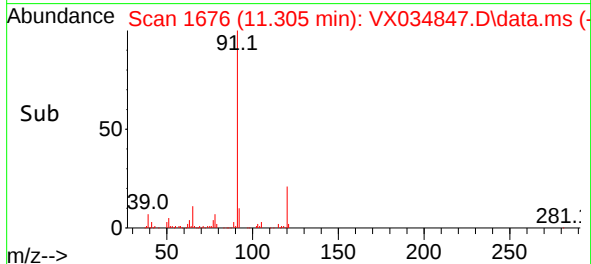
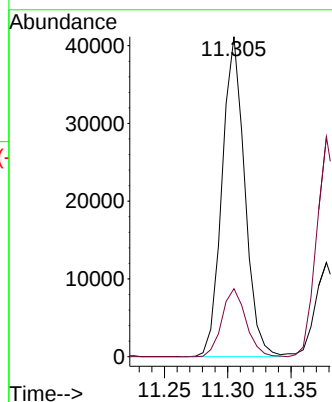
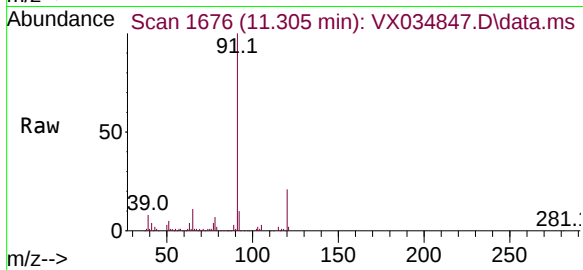
MW-3

Tgt Ion: 91 Resp: 51242

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.5



#80

1,3,5-Trimethylbenzene

Concen: 3.747 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX034847.D

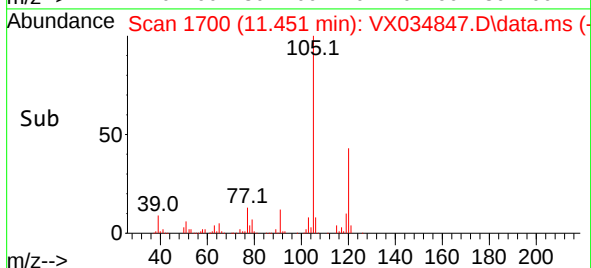
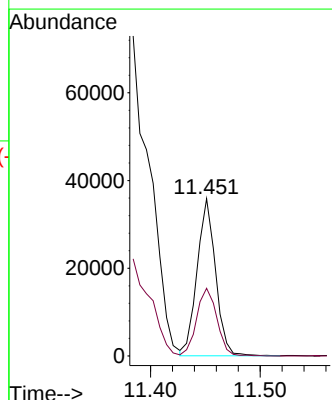
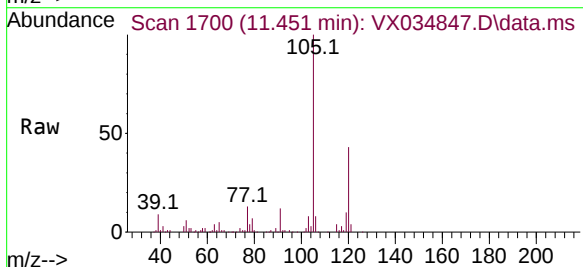
Acq: 30 Mar 2023 13:10

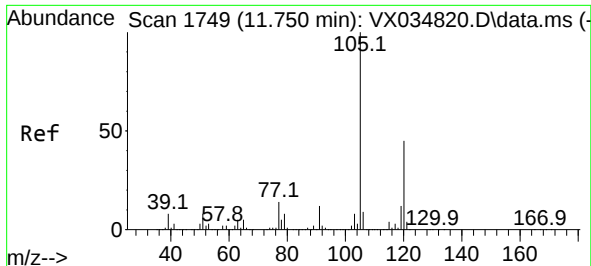
Tgt Ion: 105 Resp: 42043

Ion Ratio Lower Upper

105 100

120 47.1 23.7 71.1

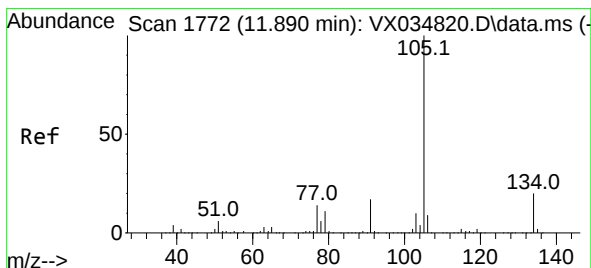
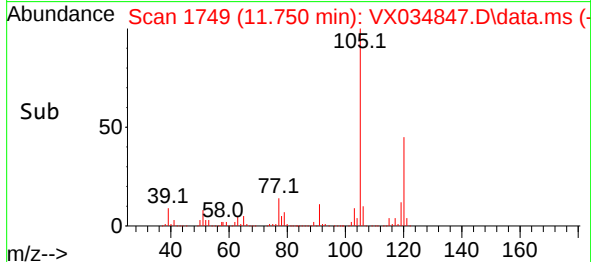
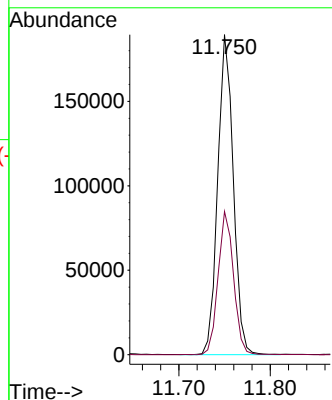
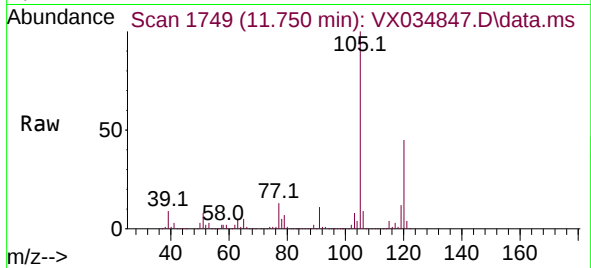




#84
1,2,4-Trimethylbenzene
Concen: 19.850 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

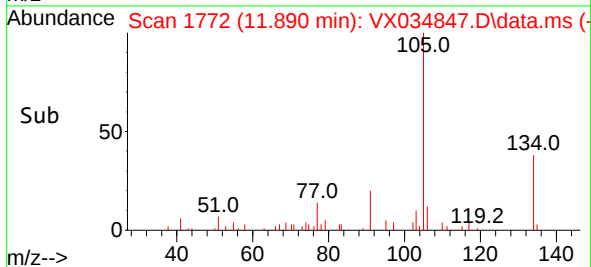
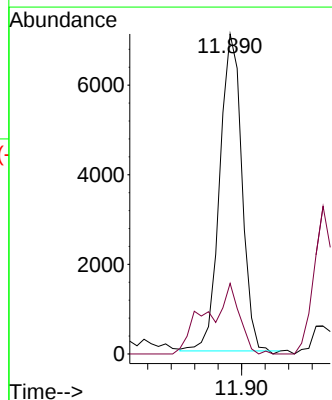
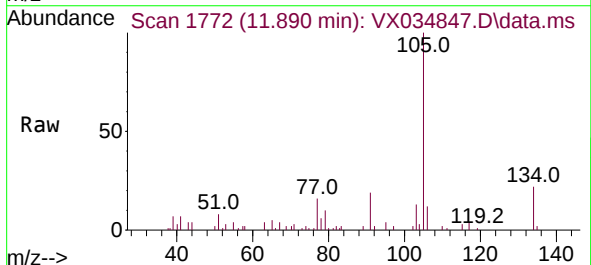
Instrument :
MSVOA_X
ClientSampleId :
MW-3

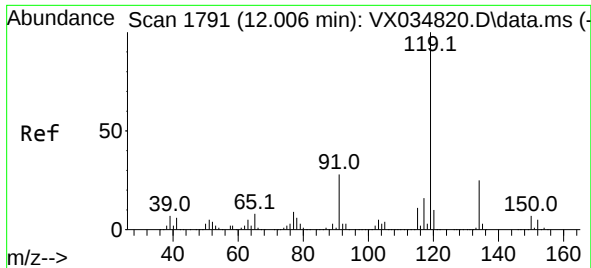
Tgt Ion:105 Resp: 224255
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.0



#85
sec-Butylbenzene
Concen: 0.719 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Tgt Ion:105 Resp: 9253
Ion Ratio Lower Upper
105 100
134 17.2 10.2 30.4

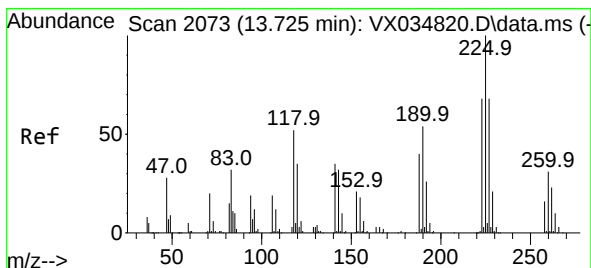
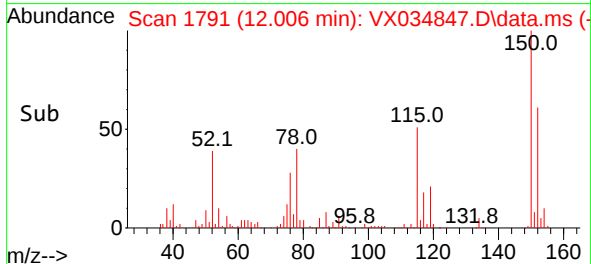
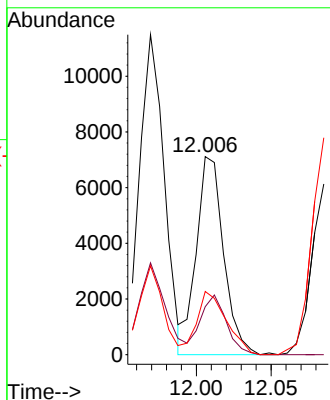
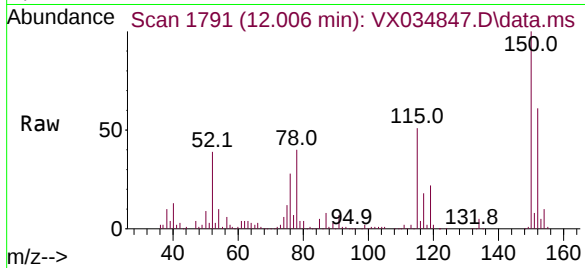




#86
p-Isopropyltoluene
Concen: 0.846 ug/l
RT: 12.006 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion:119 Resp: 9040
Ion Ratio Lower Upper
119 100
134 28.6 13.2 39.5
91 34.9 12.9 38.7



#94
Hexachlorobutadiene
Concen: 0.387 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Tgt Ion:225 Resp: 744
Ion Ratio Lower Upper
225 100
223 58.6 32.1 96.5
227 68.7 31.8 95.4

