

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034727.D
 Acq On : 24 Mar 2023 17:38
 Operator : JC/MD
 Sample : 02065-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1545

Quant Time: Mar 27 01:33:56 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)

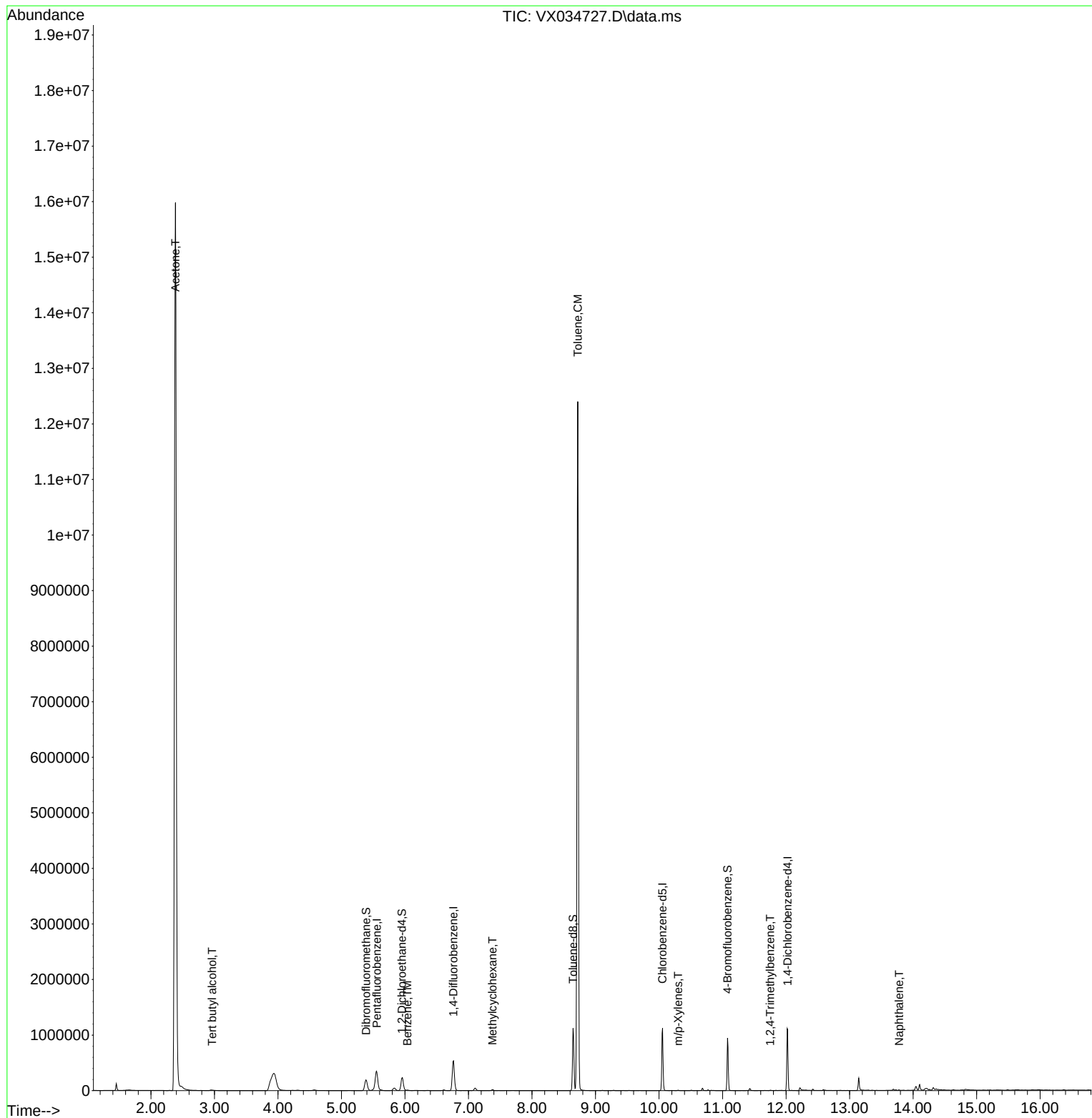
Internal Standards						
1) Pentafluorobenzene	5.556	168	318919	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	534298	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	481236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	233101	50.241	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.480%	
35) Dibromofluoromethane	5.385	113	169289	47.989	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.980%	
50) Toluene-d8	8.647	98	643835	48.890	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.780%	
62) 4-Bromofluorobenzene	11.079	95	252520	47.472	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	17903	18.530	ug/l #	91
16) Acetone	2.386	43	18374190	8407.328	ug/l #	66
39) Methylcyclohexane	7.379	83	7217	1.113	ug/l	96
40) Benzene	6.038	78	10833	0.683	ug/l	95
52) Toluene	8.720	92	4774683	486.556	ug/l	91
68) m/p-Xylenes	10.299	106	1935	0.266	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	3703	0.244	ug/l	87
95) Naphthalene	13.780	128	4233	0.251	ug/l	98

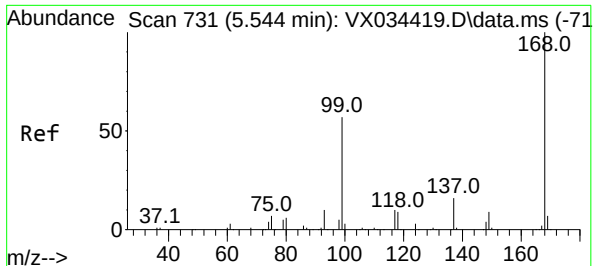
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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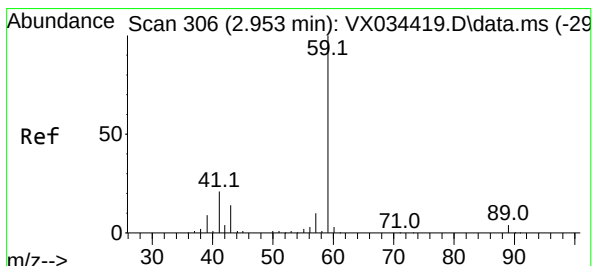
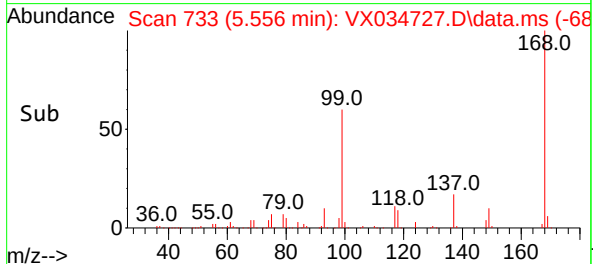
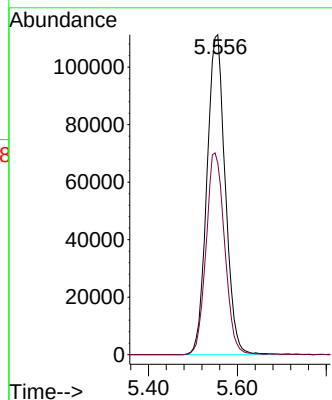
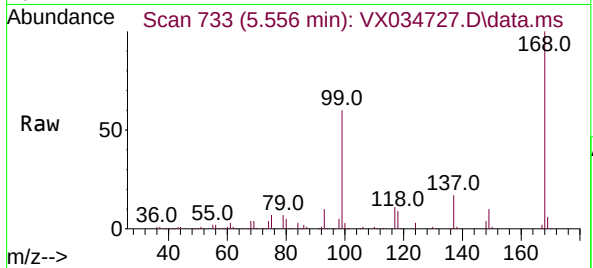




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034727.D
Acq: 24 Mar 2023 17:38

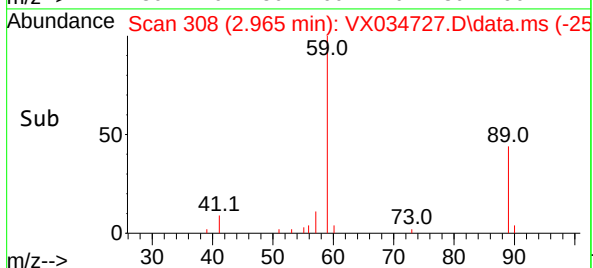
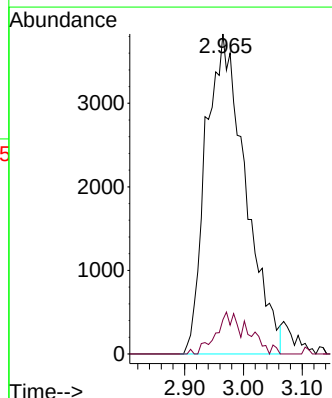
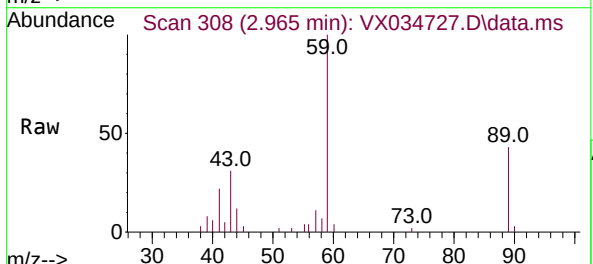
Instrument :
MSVOA_X
ClientSampleId :
1545

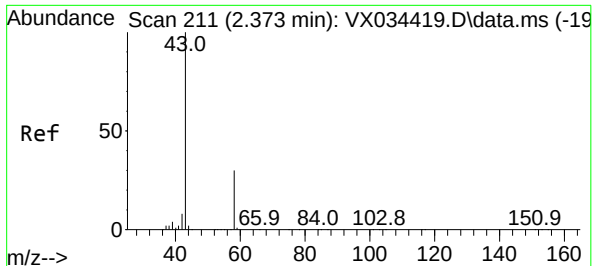
Tgt Ion:168 Resp: 318919
Ion Ratio Lower Upper
168 100
99 59.8 45.7 68.5



#11
Tert butyl alcohol
Concen: 18.530 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.012 min
Lab File: VX034727.D
Acq: 24 Mar 2023 17:38

Tgt Ion: 59 Resp: 17903
Ion Ratio Lower Upper
59 100
57 6.8 8.1 12.1#

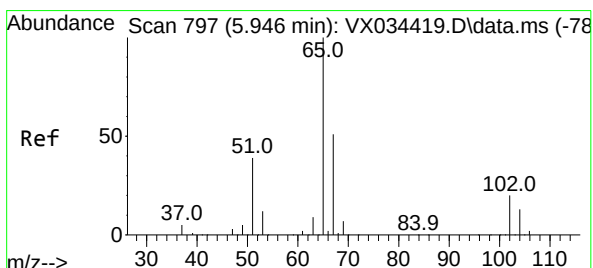
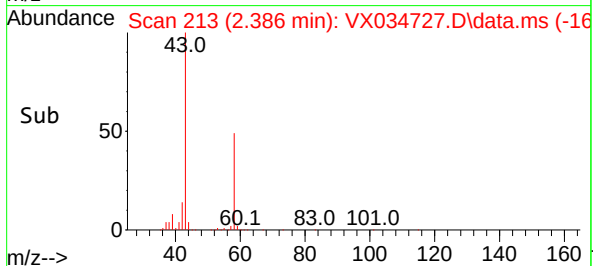
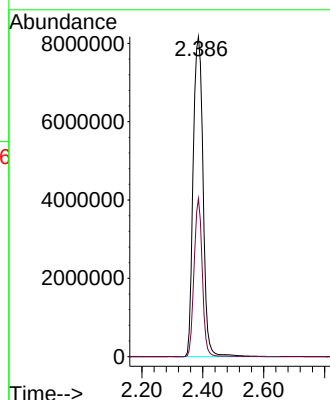
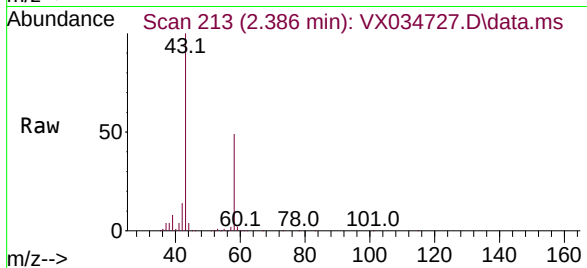




#16
Acetone
Concen: 8407.328 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX034727.D
Acq: 24 Mar 2023 17:38

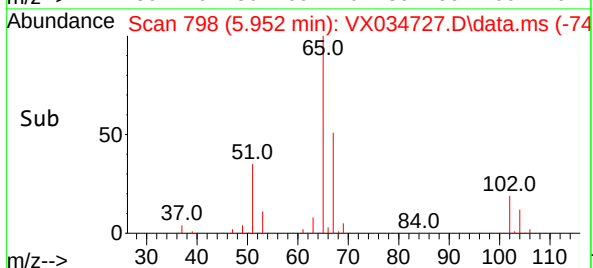
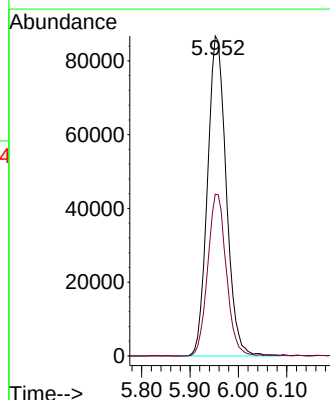
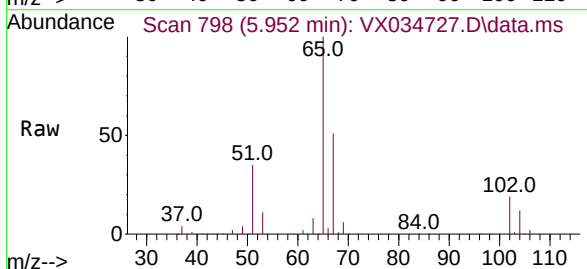
Instrument :
MSVOA_X
ClientSampleId :
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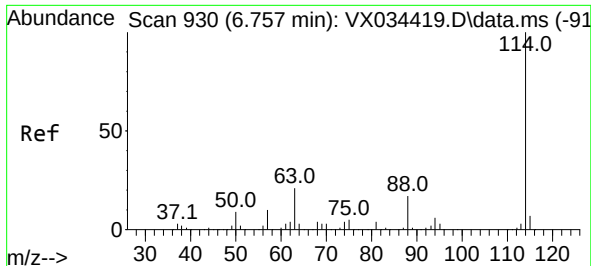
Tgt Ion: 43 Resp:18374190
Ion Ratio Lower Upper
43 100
58 49.4 24.7 37.1#



#33
1,2-Dichloroethane-d4
Concen: 50.241 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034727.D
Acq: 24 Mar 2023 17:38

Tgt Ion: 65 Resp: 233101
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.0

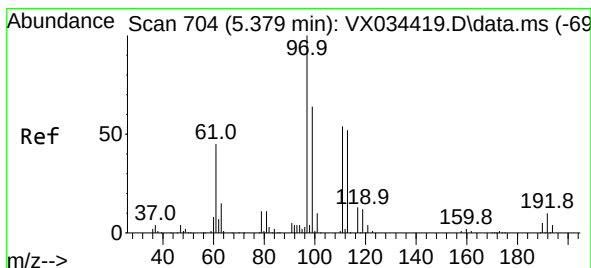
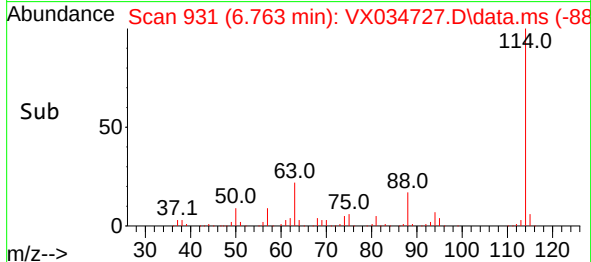
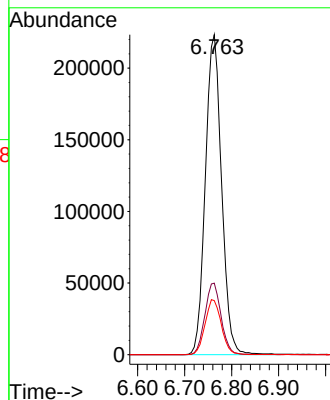
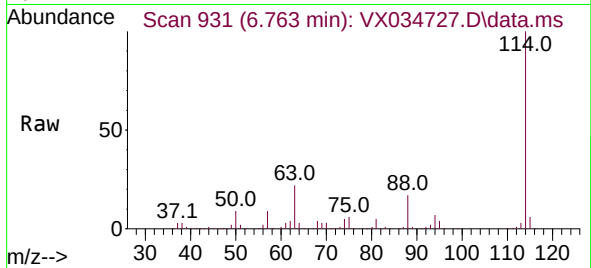




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034727.D
Acq: 24 Mar 2023 17:38

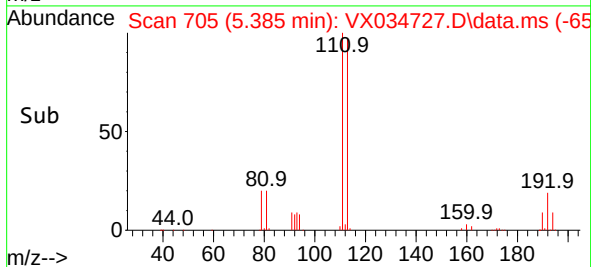
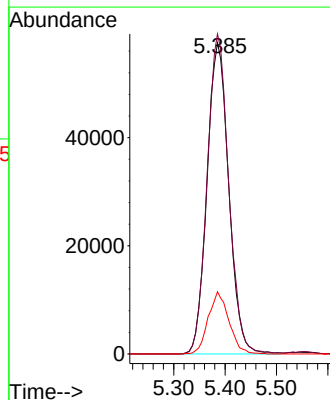
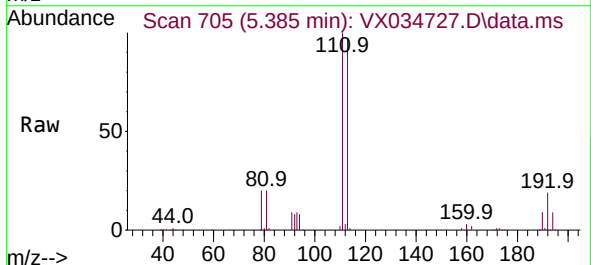
Instrument :
MSVOA_X
ClientSampleId :
1545

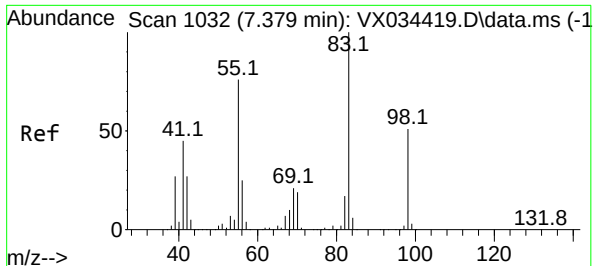
Tgt Ion:114 Resp: 534298
Ion Ratio Lower Upper
114 100
63 22.3 0.0 42.2
88 16.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.989 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034727.D
Acq: 24 Mar 2023 17:38

Tgt Ion:113 Resp: 169289
Ion Ratio Lower Upper
113 100
111 101.8 83.7 125.5
192 19.0 15.4 23.2





#39

Methylcyclohexane

Concen: 1.113 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034727.D

Acq: 24 Mar 2023 17:38

Instrument :

MSVOA_X

ClientSampleId :

1545

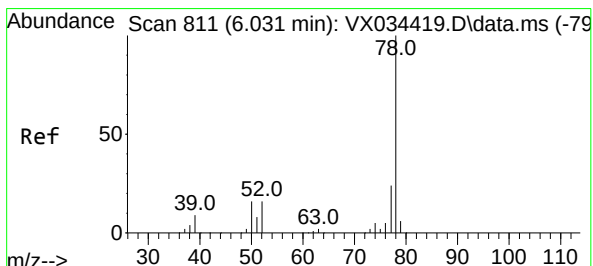
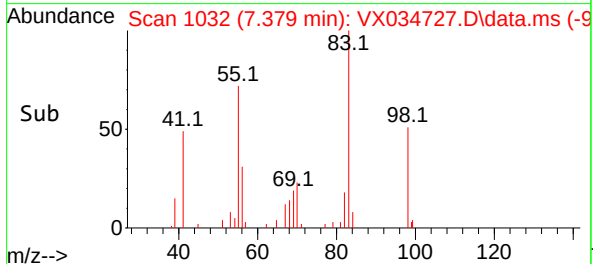
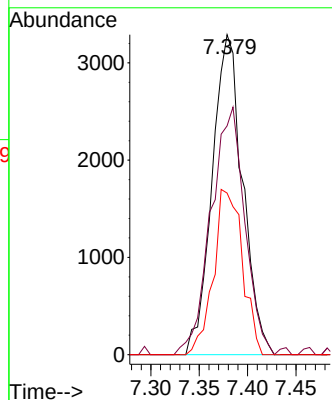
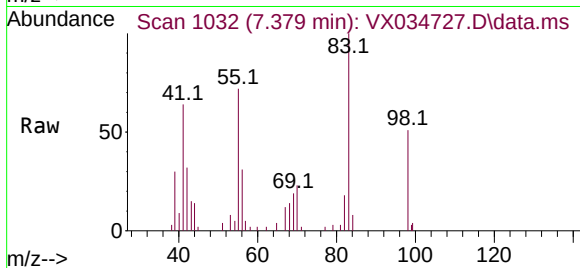
Tgt Ion: 83 Resp: 7217

Ion Ratio Lower Upper

83 100

55 69.8 60.5 90.7

98 50.5 40.4 60.6



#40

Benzene

Concen: 0.683 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034727.D

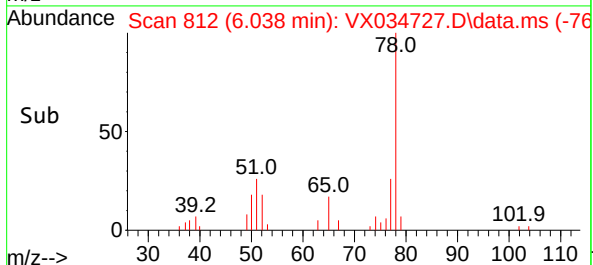
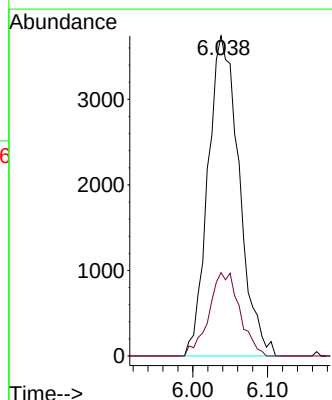
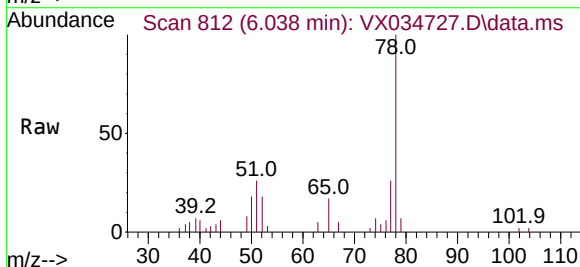
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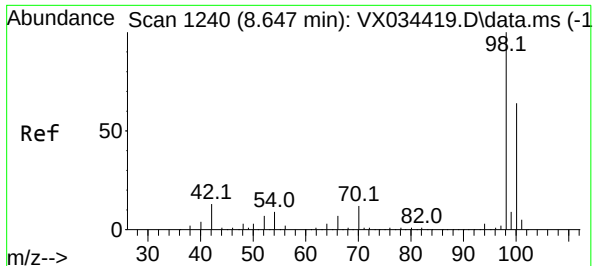
Tgt Ion: 78 Resp: 10833

Ion Ratio Lower Upper

78 100

77 26.0 19.0 28.4

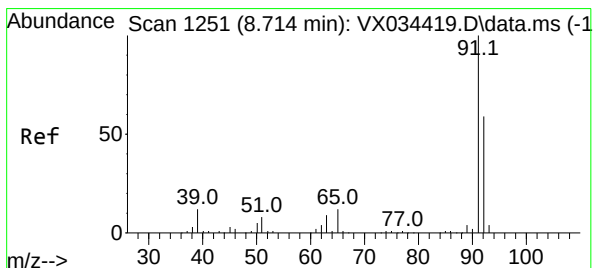
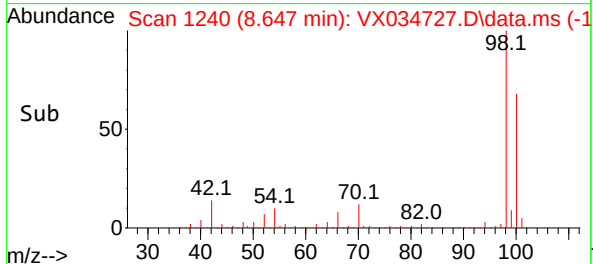
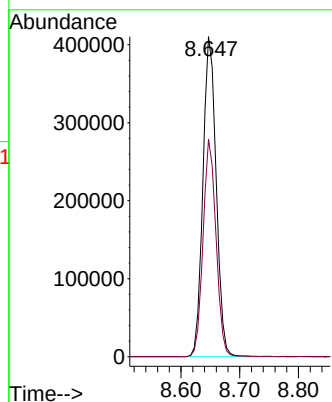
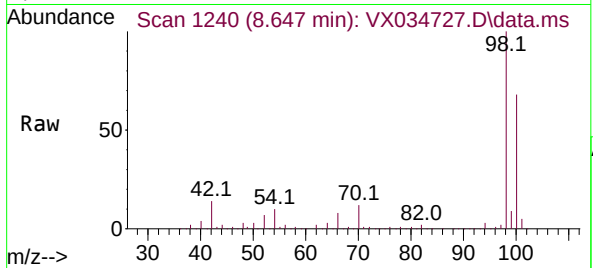




#50
Toluene-d8
Concen: 48.890 ug/l
RT: 8.647 min Scan# 11545
Delta R.T. 0.000 min
Lab File: VX034727.D
Acq: 24 Mar 2023 17:38

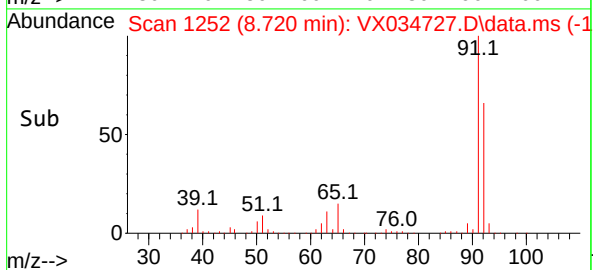
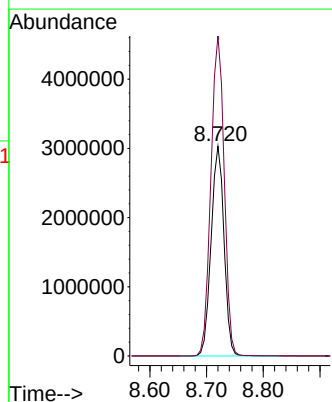
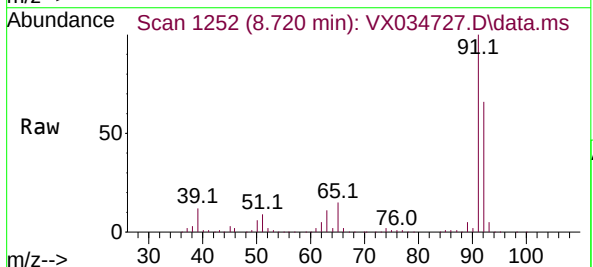
Instrument :
MSVOA_X
ClientSampleId :

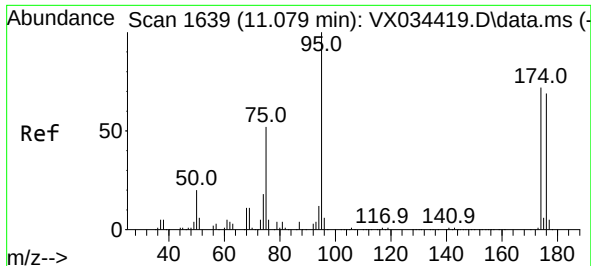
Tgt Ion: 98 Resp: 643835
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7



#52
Toluene
Concen: 486.556 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034727.D
Acq: 24 Mar 2023 17:38

Tgt Ion: 92 Resp: 4774683
Ion Ratio Lower Upper
92 100
91 158.0 136.8 205.2

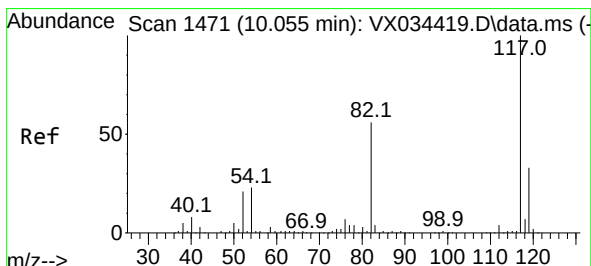
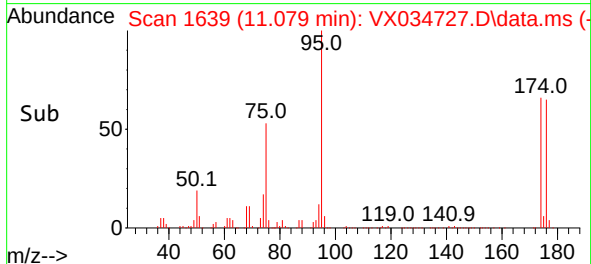
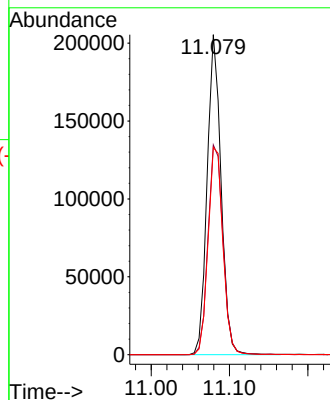
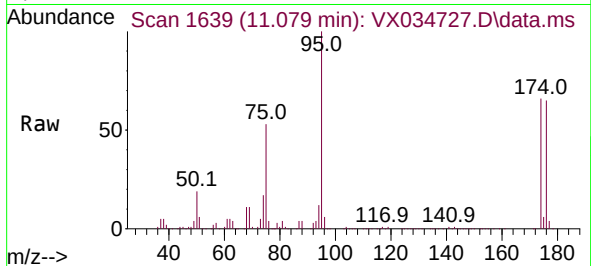




#62
4-Bromofluorobenzene
Concen: 47.472 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034727.D
Acq: 24 Mar 2023 17:38

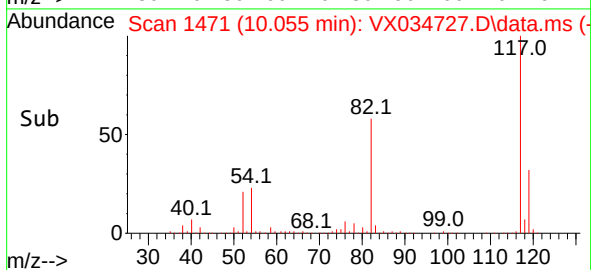
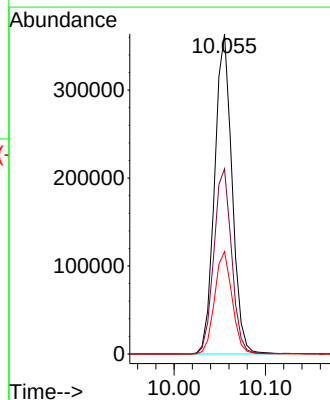
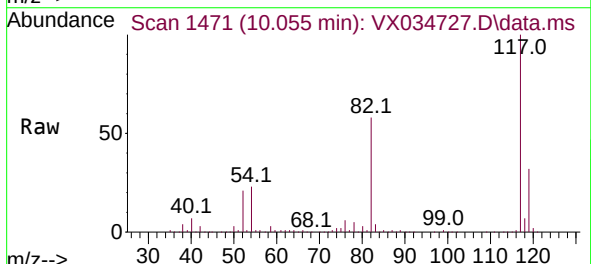
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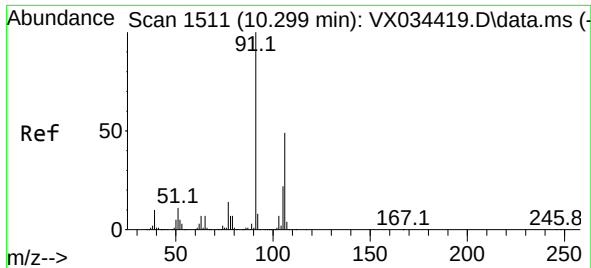
Tgt Ion: 95 Resp: 252520
Ion Ratio Lower Upper
95 100
174 70.6 0.0 147.4
176 69.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034727.D
Acq: 24 Mar 2023 17:38

Tgt Ion: 117 Resp: 481236
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.4
119 32.0 26.0 39.0

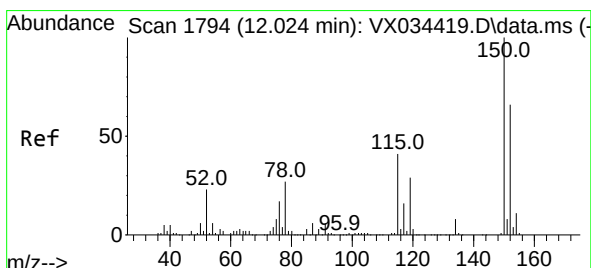
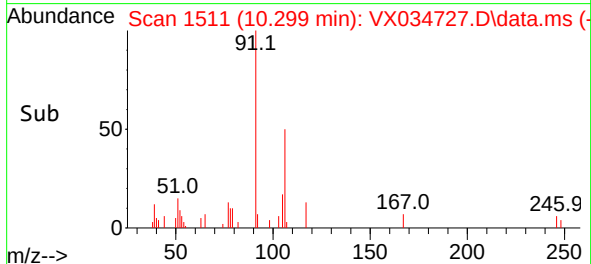
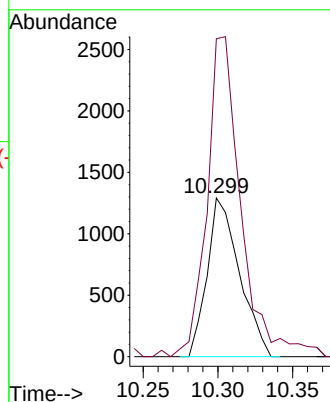
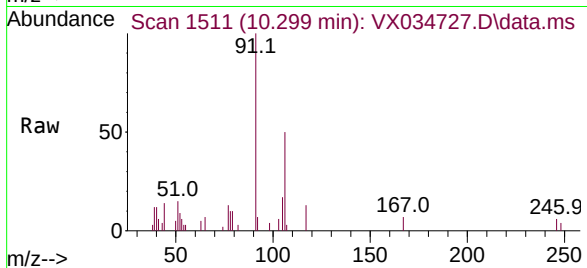




#68
m/p-Xylenes
Concen: 0.266 ug/l
RT: 10.299 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034727.D
Acq: 24 Mar 2023 17:38

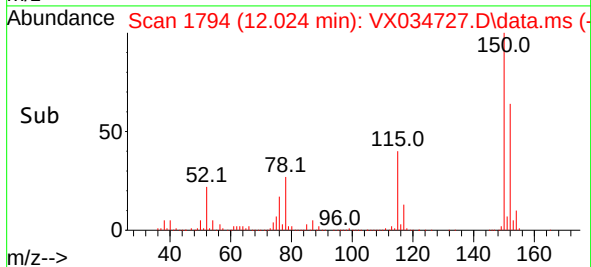
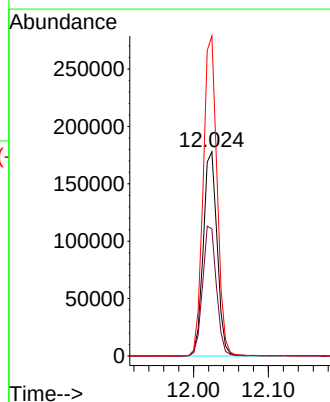
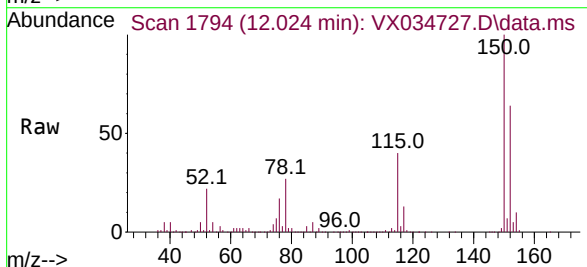
Instrument :
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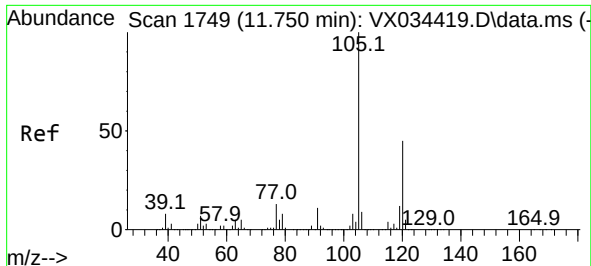
Tgt Ion:106 Resp: 1935
Ion Ratio Lower Upper
106 100
91 213.2 164.0 246.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034727.D
Acq: 24 Mar 2023 17:38

Tgt Ion:152 Resp: 228924
Ion Ratio Lower Upper
152 100
115 63.6 45.0 135.0
150 157.2 0.0 352.4

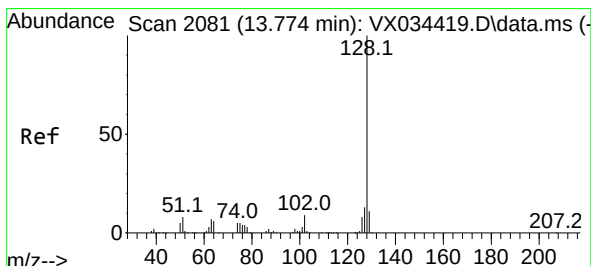
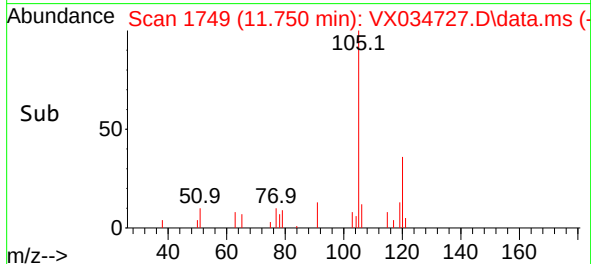
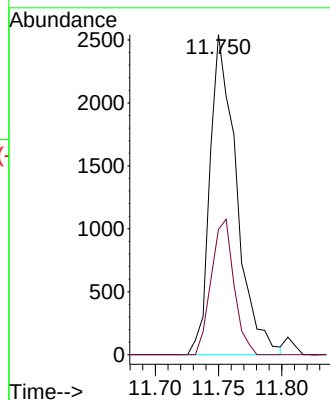
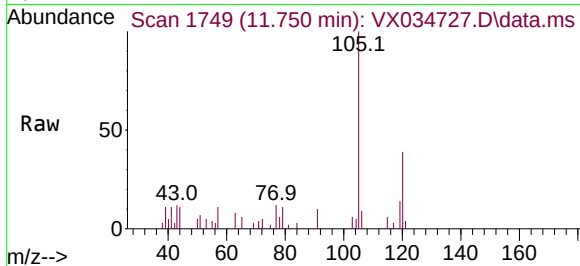




#84
 1,2,4-Trimethylbenzene
 Concen: 0.244 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034727.D
 Acq: 24 Mar 2023 17:38

Instrument :
 MSVOA_X
 ClientSampleId :
 1545

Tgt Ion:105 Resp: 3703
 Ion Ratio Lower Upper
 105 100
 120 36.3 22.4 67.0



#95
 Naphthalene
 Concen: 0.251 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX034727.D
 Acq: 24 Mar 2023 17:38

Tgt Ion:128 Resp: 4233
 Ion Ratio Lower Upper
 128 100
 127 14.1 10.2 15.4
 129 10.5 8.6 13.0

