

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081423\
 Data File : VX036971.D
 Acq On : 14 Aug 2023 17:48
 Operator : JC/MD
 Sample : 03986-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1770

Quant Time: Aug 15 01:30:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

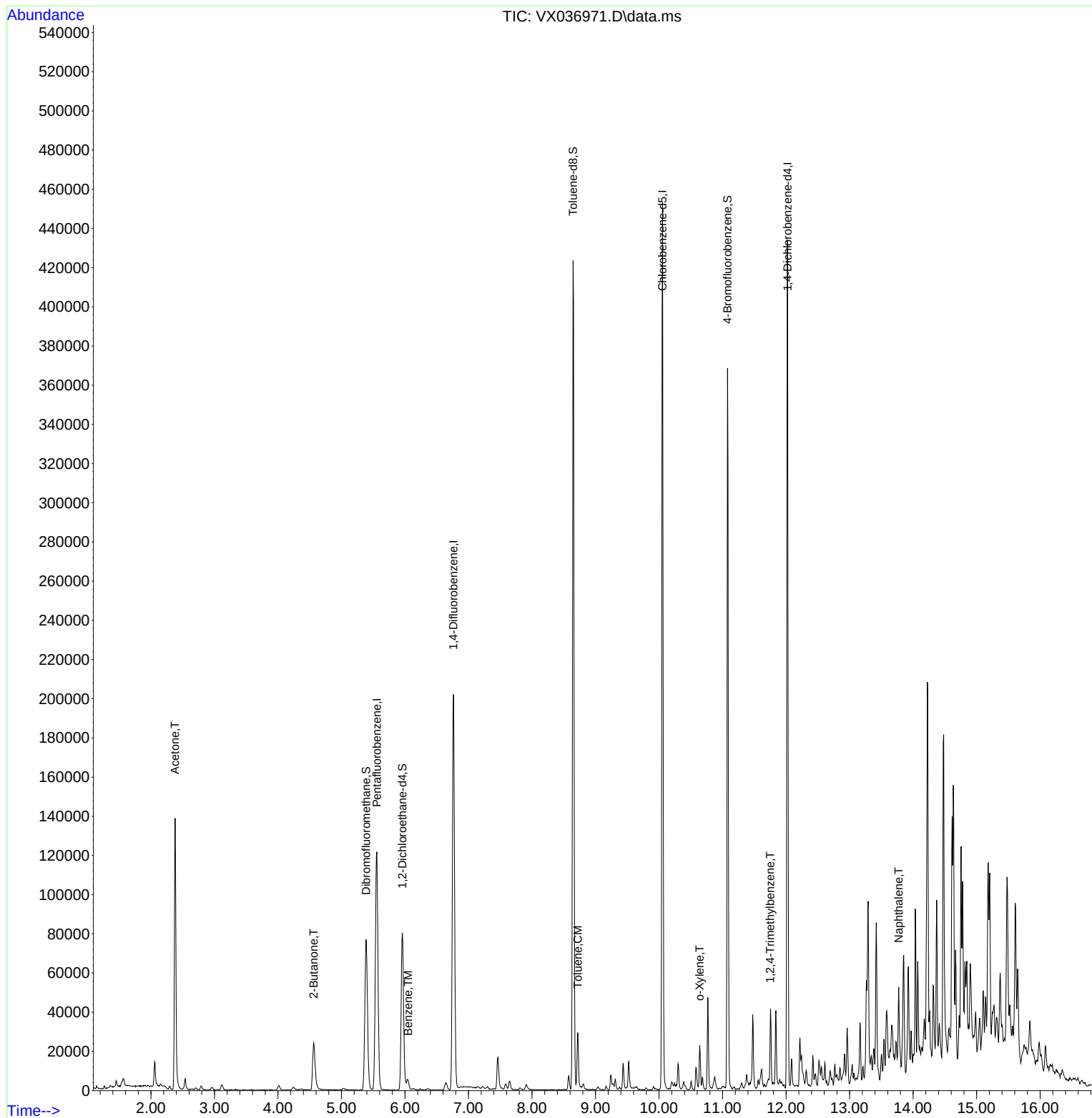
Internal Standards						
1) Pentafluorobenzene	5.556	168	112227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208045	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81126	48.854	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.700%
35) Dibromofluoromethane	5.385	113	67322	47.079	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.160%
50) Toluene-d8	8.647	98	251837	49.662	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.320%
62) 4-Bromofluorobenzene	11.079	95	99982	52.258	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.520%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	145416	211.032	ug/l	93
25) 2-Butanone	4.562	43	42346	37.877	ug/l #	89
40) Benzene	6.050	78	6628	1.069	ug/l #	89
52) Toluene	8.720	92	9826	2.529	ug/l	97
69) o-Xylene	10.640	106	4597	1.539	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	6774	1.058	ug/l	98
95) Naphthalene	13.774	128	22177	3.315	ug/l #	95

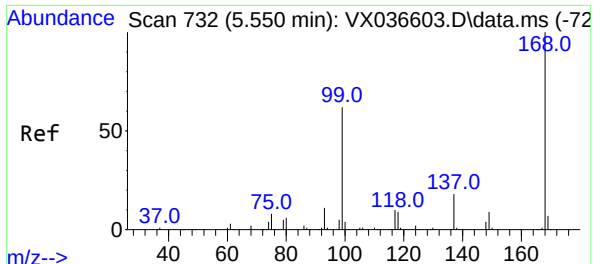
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

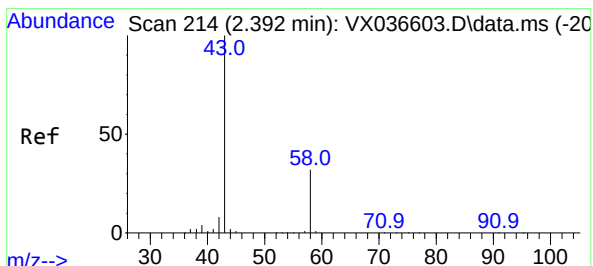
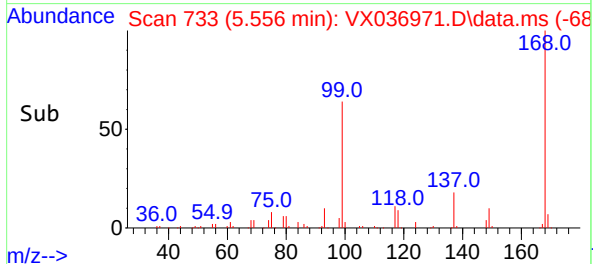
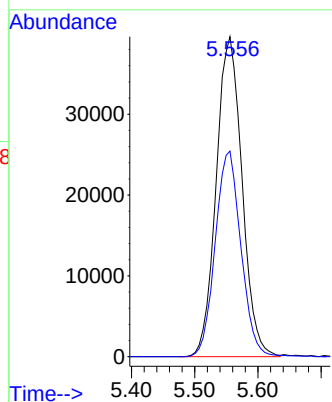
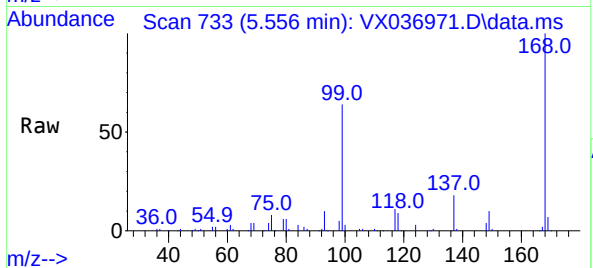




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036971.D
Acq: 14 Aug 2023 17:48

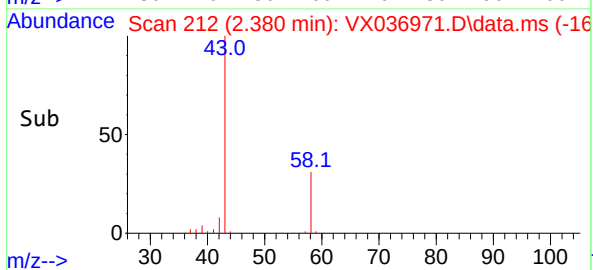
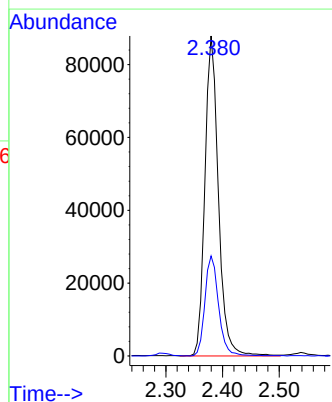
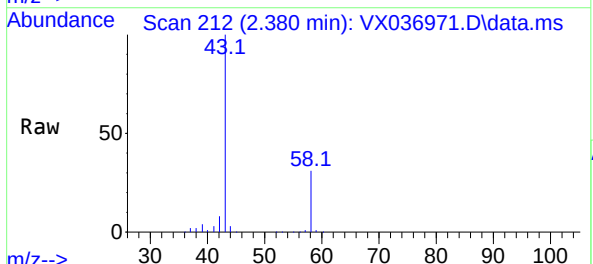
Instrument :
MSVOA_X
ClientSampleId :
1770

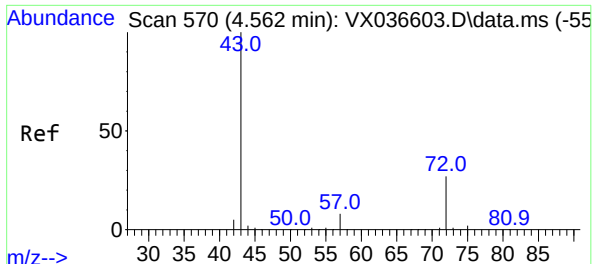
Tgt Ion:168 Resp: 112227
Ion Ratio Lower Upper
168 100
99 64.3 56.6 85.0



#16
Acetone
Concen: 211.032 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036971.D
Acq: 14 Aug 2023 17:48

Tgt Ion: 43 Resp: 145416
Ion Ratio Lower Upper
43 100
58 31.2 21.9 32.9

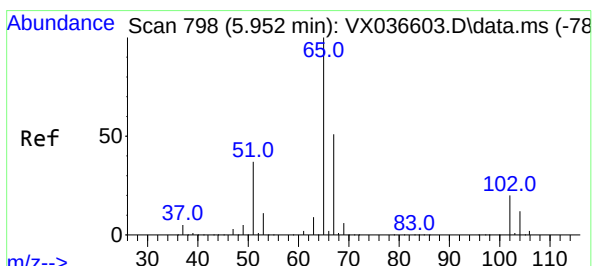
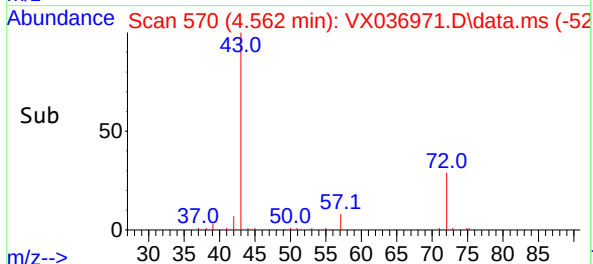
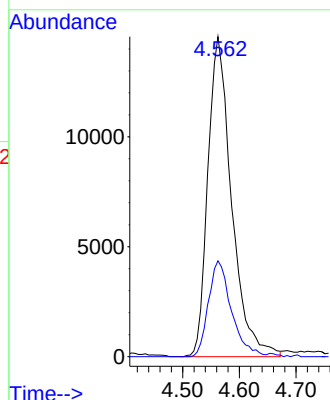
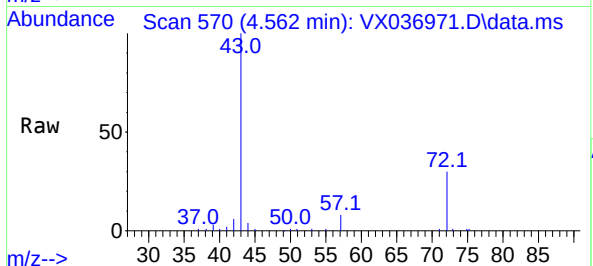




#25
2-Butanone
Concen: 37.877 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX036971.D
Acq: 14 Aug 2023 17:48

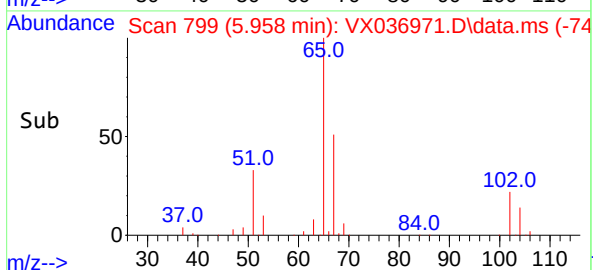
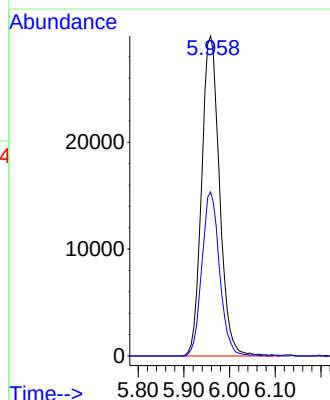
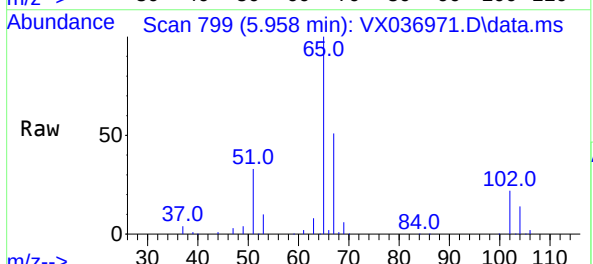
Instrument :
MSVOA_X
ClientSampleId :
1770

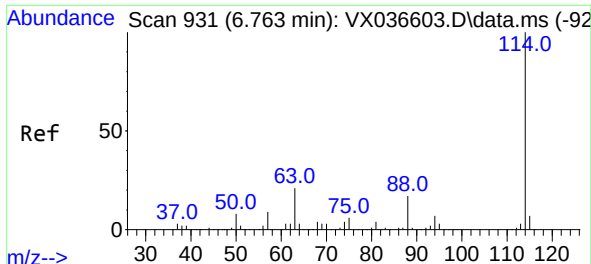
Tgt Ion: 43 Resp: 42346
Ion Ratio Lower Upper
43 100
72 29.9 19.4 29.2#



#33
1,2-Dichloroethane-d4
Concen: 48.854 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036971.D
Acq: 14 Aug 2023 17:48

Tgt Ion: 65 Resp: 81126
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

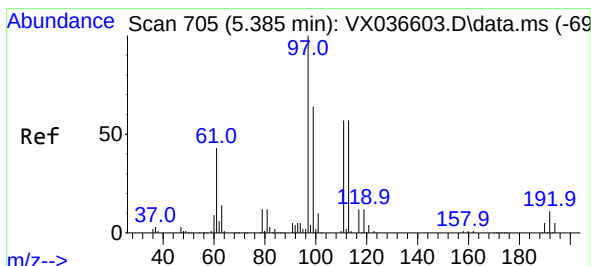
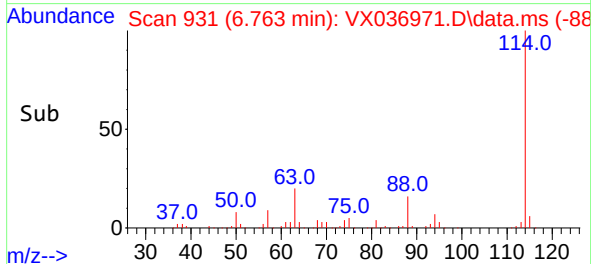
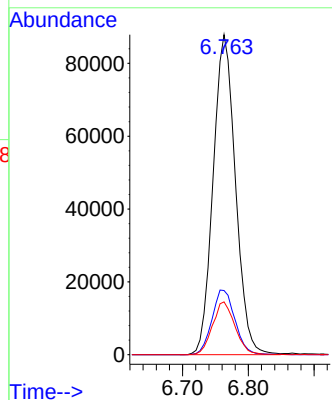
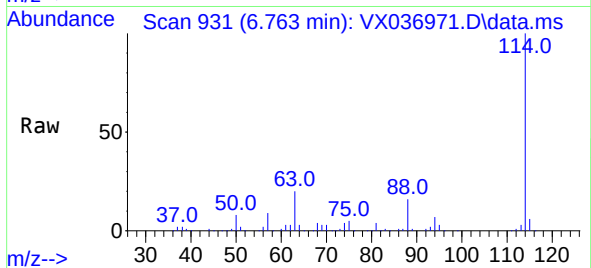




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036971.D
Acq: 14 Aug 2023 17:48

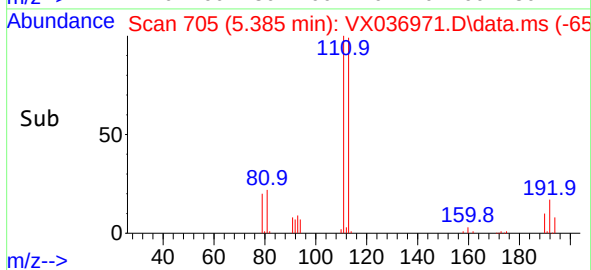
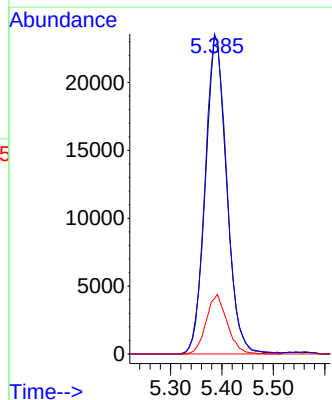
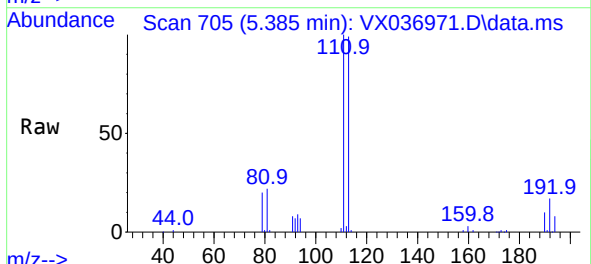
Instrument :
MSVOA_X
ClientSampleId :
1770

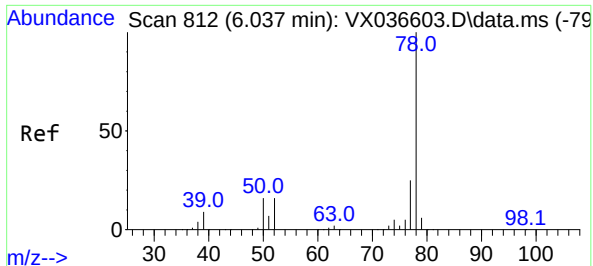
Tgt Ion:114 Resp: 208045
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.079 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036971.D
Acq: 14 Aug 2023 17:48

Tgt Ion:113 Resp: 67322
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.4 13.3 19.9

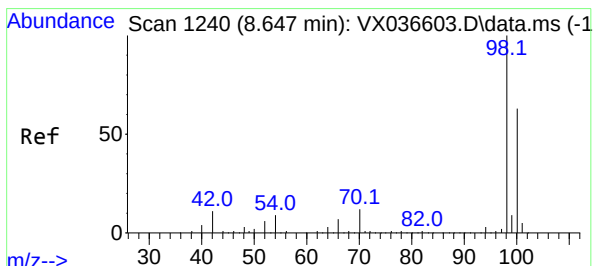
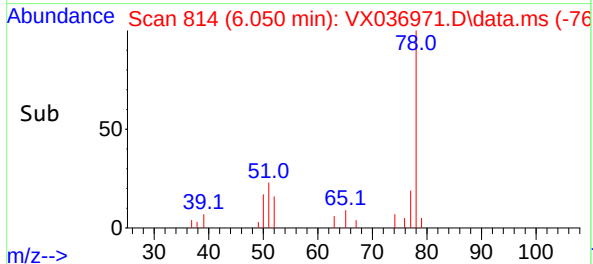
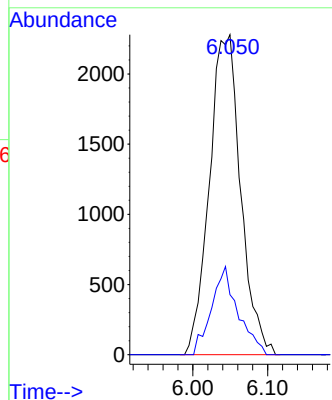
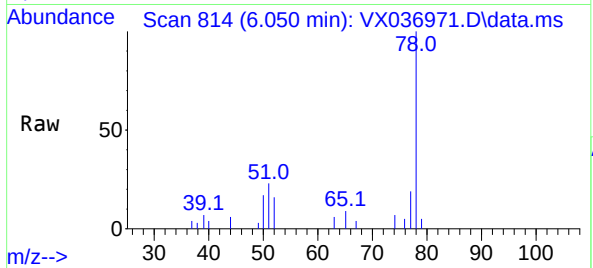




#40
Benzene
Concen: 1.069 ug/l
RT: 6.050 min Scan# 812
Delta R.T. 0.012 min
Lab File: VX036971.D
Acq: 14 Aug 2023 17:48

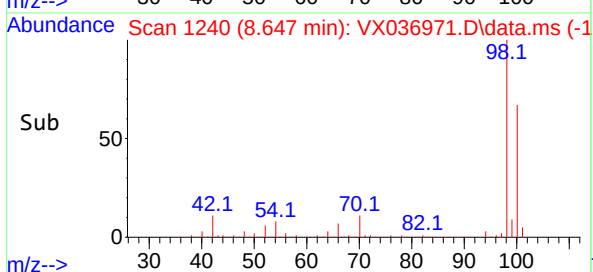
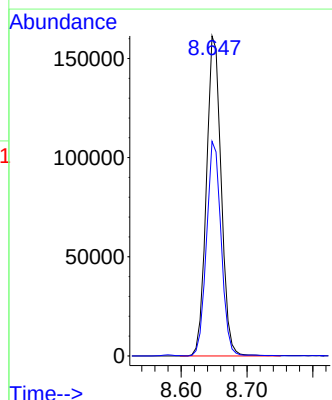
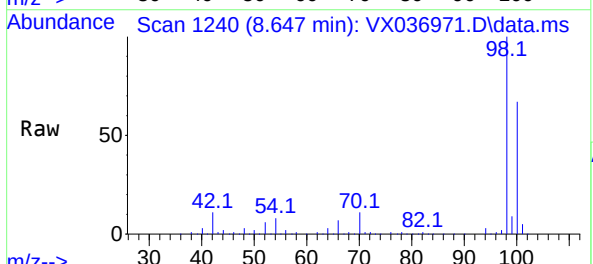
Instrument :
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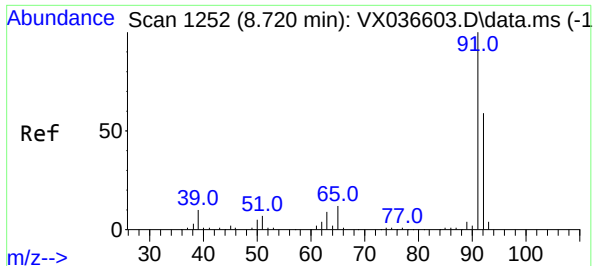
Tgt Ion: 78 Resp: 6628
Ion Ratio Lower Upper
78 100
77 18.8 19.3 28.9#



#50
Toluene-d8
Concen: 49.662 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036971.D
Acq: 14 Aug 2023 17:48

Tgt Ion: 98 Resp: 251837
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

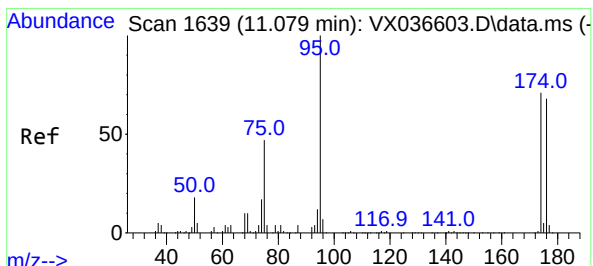
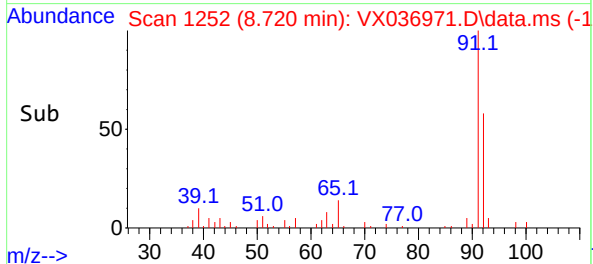
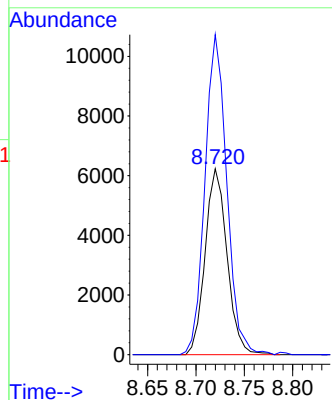
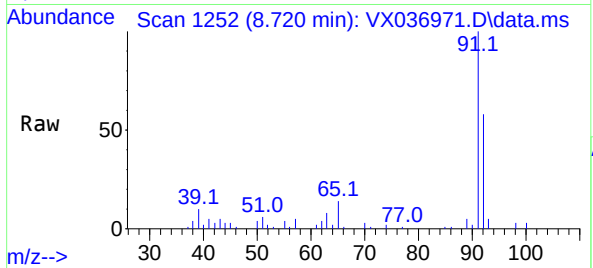




#52
Toluene
Concen: 2.529 ug/l
RT: 8.720 min Scan# 11770
Delta R.T. 0.000 min
Lab File: VX036971.D
Acq: 14 Aug 2023 17:48

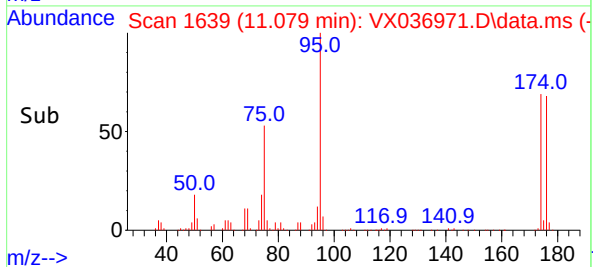
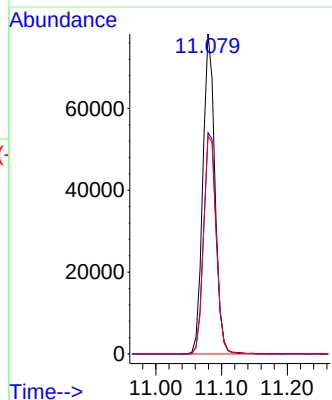
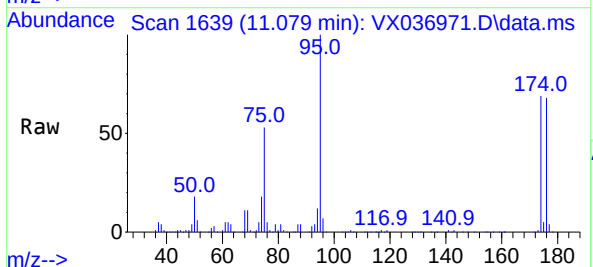
Instrument :
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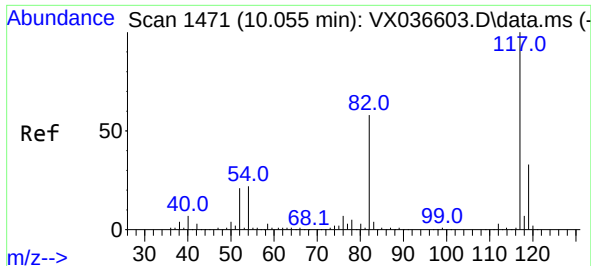
Tgt Ion: 92 Resp: 9826
Ion Ratio Lower Upper
92 100
91 171.1 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 52.258 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036971.D
Acq: 14 Aug 2023 17:48

Tgt Ion: 95 Resp: 99982
Ion Ratio Lower Upper
95 100
174 72.2 0.0 135.6
176 71.0 0.0 131.0

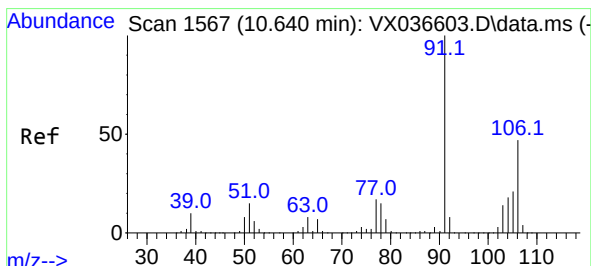
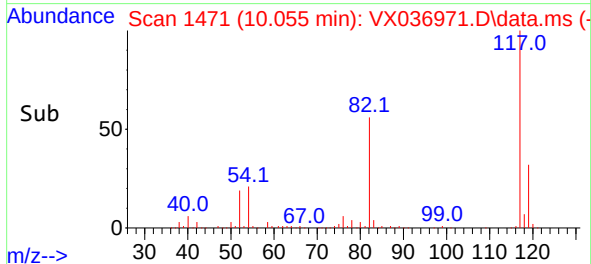
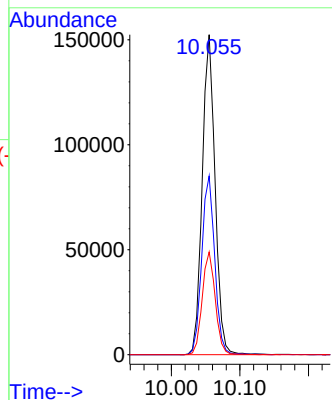
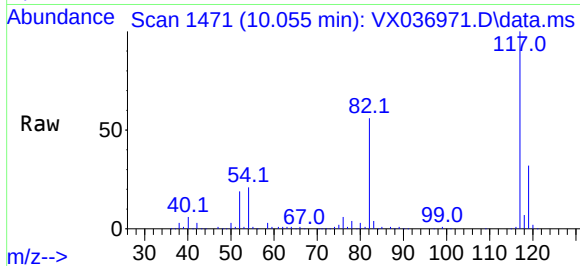




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036971.D
Acq: 14 Aug 2023 17:48

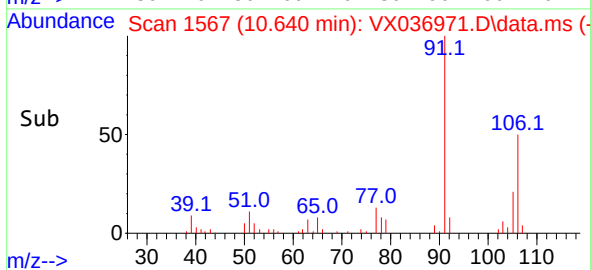
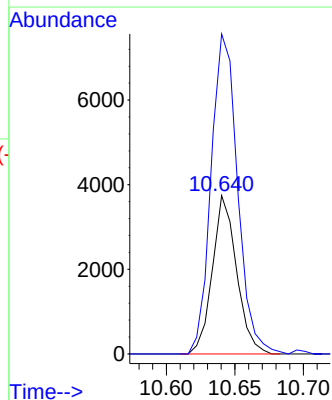
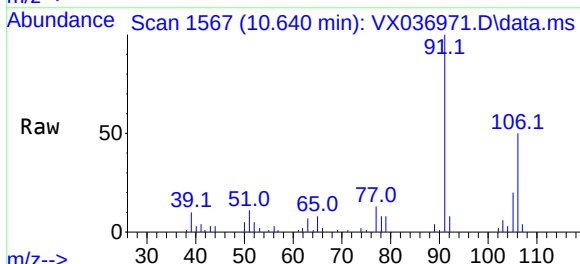
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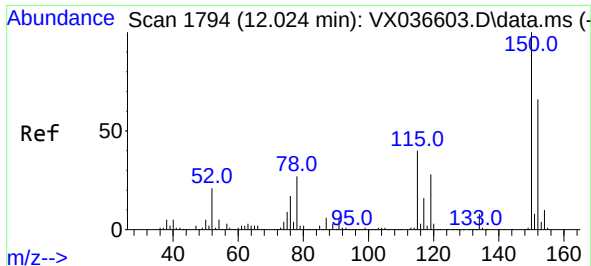
Tgt Ion:117 Resp: 199213
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 32.1 25.5 38.3



#69
o-Xylene
Concen: 1.539 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036971.D
Acq: 14 Aug 2023 17:48

Tgt Ion:106 Resp: 4597
Ion Ratio Lower Upper
106 100
91 221.0 108.9 326.8

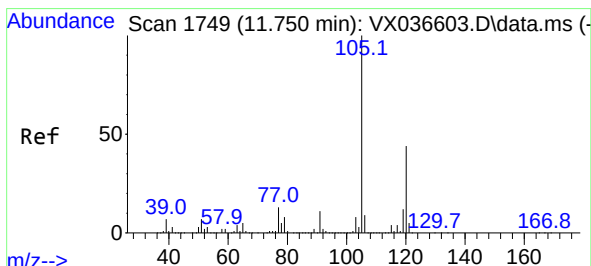
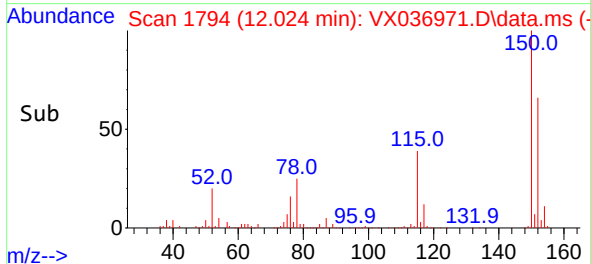
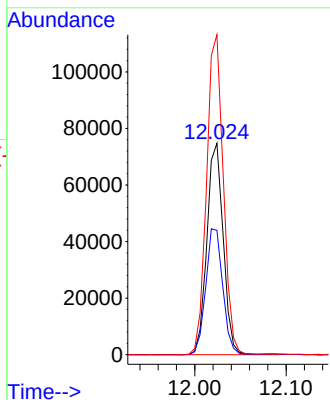
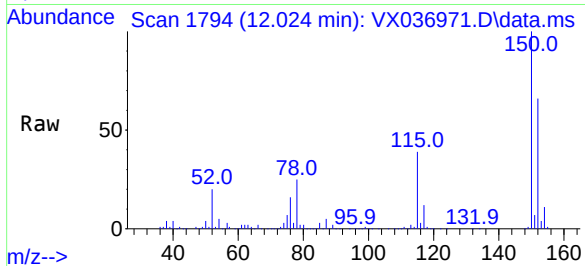




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036971.D
Acq: 14 Aug 2023 17:48

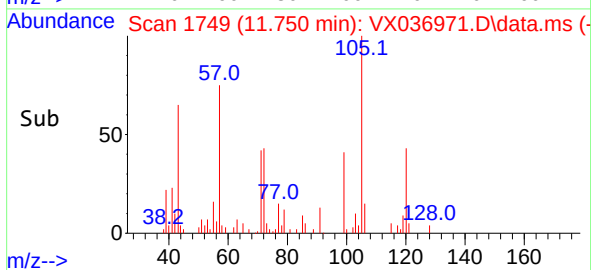
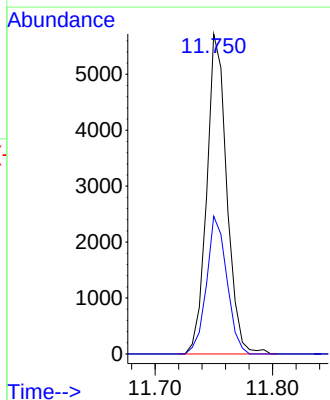
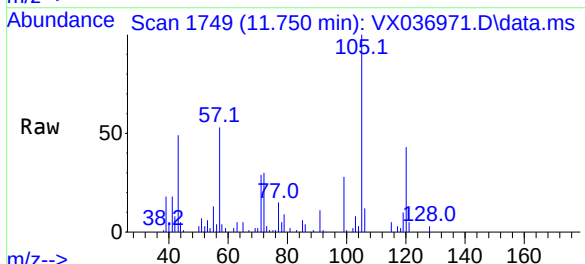
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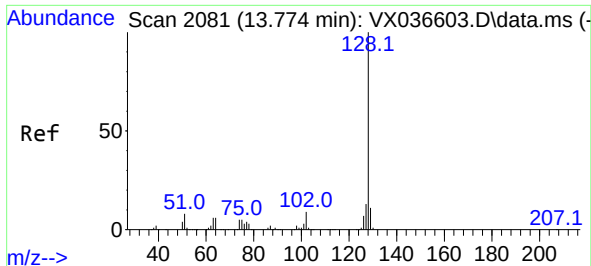
Tgt Ion:152 Resp: 92500
Ion Ratio Lower Upper
152 100
115 62.1 43.3 129.9
150 155.3 0.0 345.0



#84
1,2,4-Trimethylbenzene
Concen: 1.058 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036971.D
Acq: 14 Aug 2023 17:48

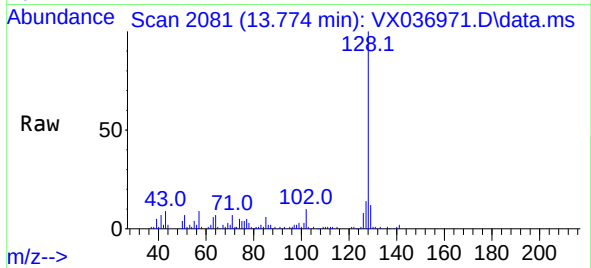
Tgt Ion:105 Resp: 6774
Ion Ratio Lower Upper
105 100
120 43.5 21.2 63.6





#95
Naphthalene
Concen: 3.315 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036971.D
Acq: 14 Aug 2023 17:48

Instrument :
MSVOA_X
ClientSampleId :
1770



Tgt Ion:128 Resp: 22177
Ion Ratio Lower Upper
128 100
127 14.3 10.3 15.5
129 13.5 8.8 13.2#

