

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036720.D
 Acq On : 31 Jul 2023 15:11
 Operator : JC/MD
 Sample : 03808-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1713

Quant Time: Aug 01 04:37:43 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)

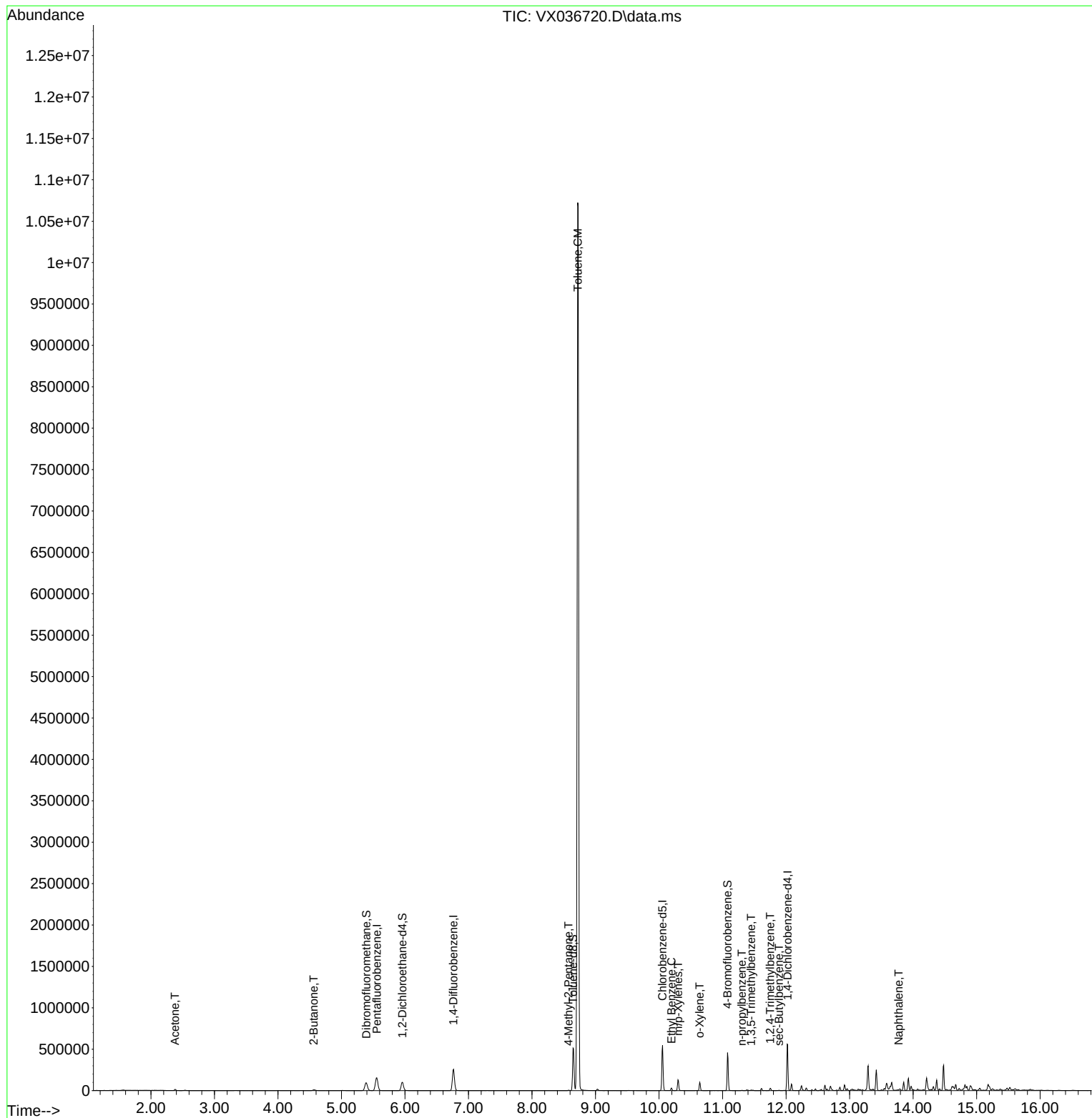
Internal Standards						
1) Pentafluorobenzene	5.556	168	146166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	263277	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98102	45.360	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.720%
35) Dibromofluoromethane	5.391	113	84091	46.469	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.940%
50) Toluene-d8	8.647	98	315929	49.231	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.460%
62) 4-Bromofluorobenzene	11.079	95	120054	49.586	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.180%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	14897	16.599	ug/l #	85
25) 2-Butanone	4.562	43	17130	11.765	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	3229	1.110	ug/l	96
52) Toluene	8.720	92	4537264	922.750	ug/l	92
67) Ethyl Benzene	10.195	91	18184	1.843	ug/l	99
68) m/p-Xylenes	10.299	106	30221	8.210	ug/l	98
69) o-Xylene	10.640	106	20949	5.702	ug/l	99
78) n-propylbenzene	11.305	91	2529	0.229	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	3192	0.400	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	11695	1.466	ug/l	75
85) sec-Butylbenzene	11.890	105	2002	0.205	ug/l	98
95) Naphthalene	13.774	128	7087	0.850	ug/l	97

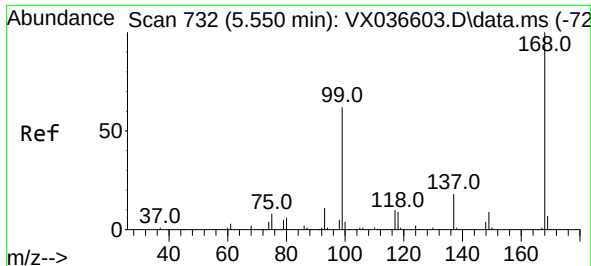
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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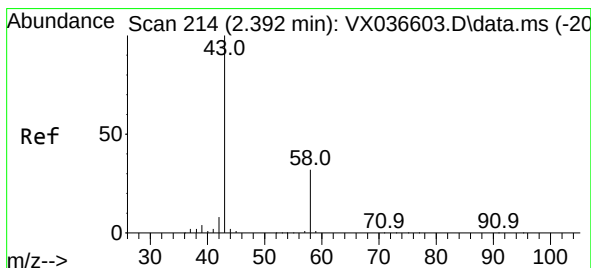
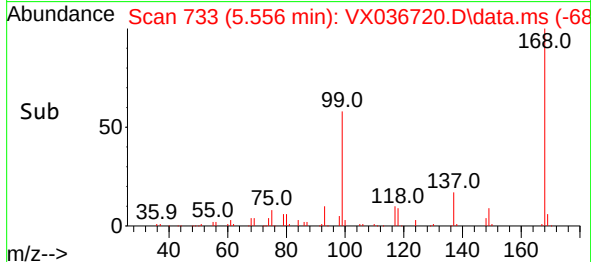
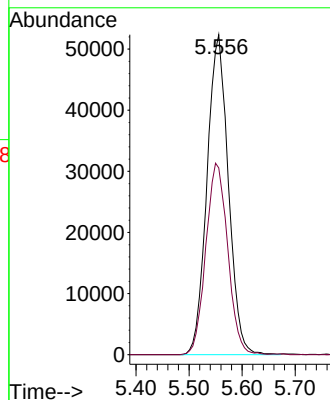
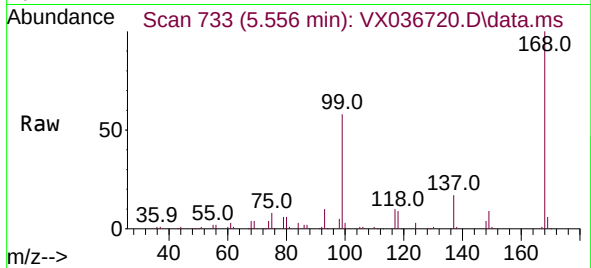




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX036720.D
Acq: 31 Jul 2023 15:11

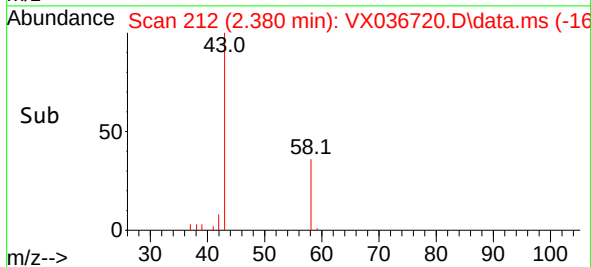
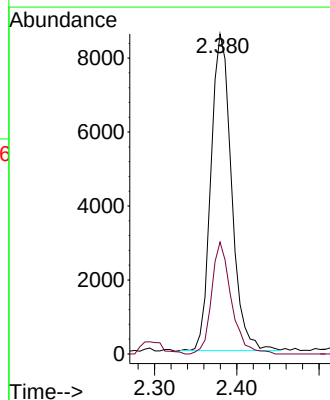
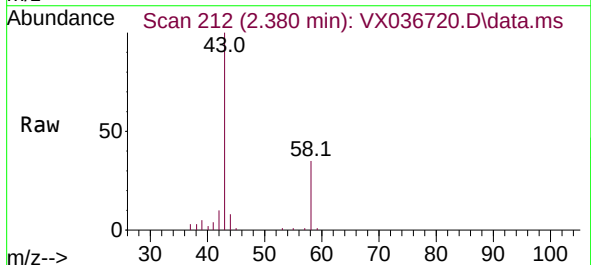
Instrument :
MSVOA_X
ClientSampleId :
1713

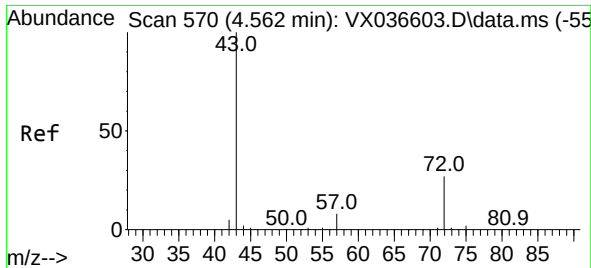
Tgt Ion:168 Resp: 146166
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#16
Acetone
Concen: 16.599 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036720.D
Acq: 31 Jul 2023 15:11

Tgt Ion: 43 Resp: 14897
Ion Ratio Lower Upper
43 100
58 35.3 21.9 32.9#

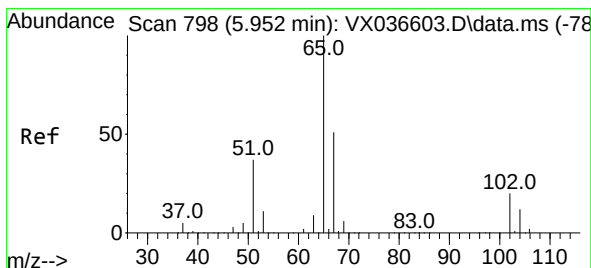
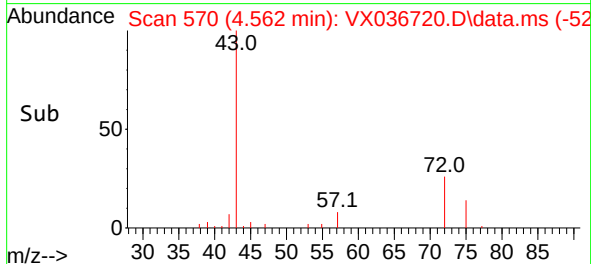
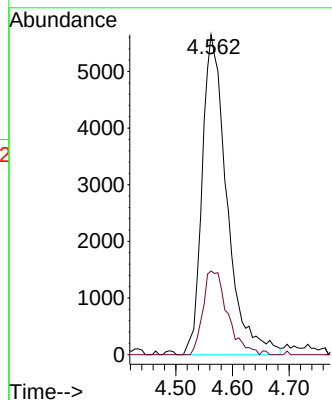
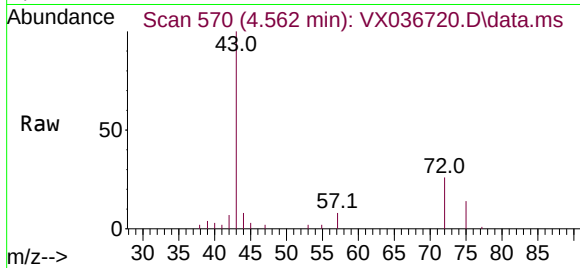




#25
2-Butanone
Concen: 11.765 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX036720.D
Acq: 31 Jul 2023 15:11

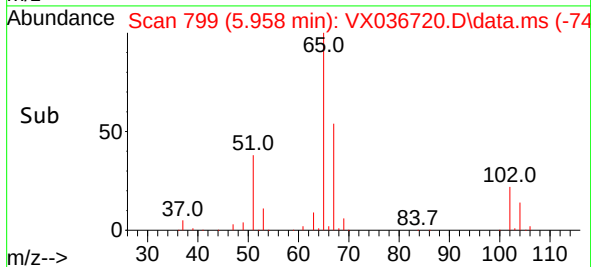
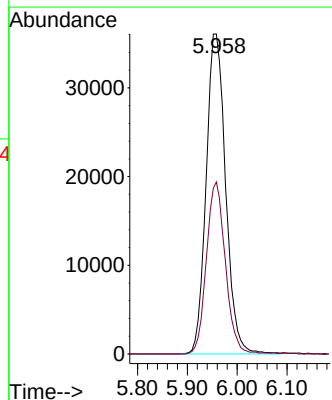
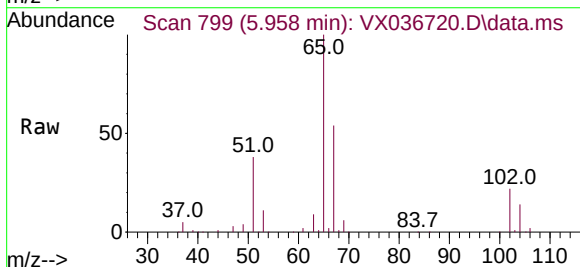
Instrument :
MSVOA_X
ClientSampleId :
1713

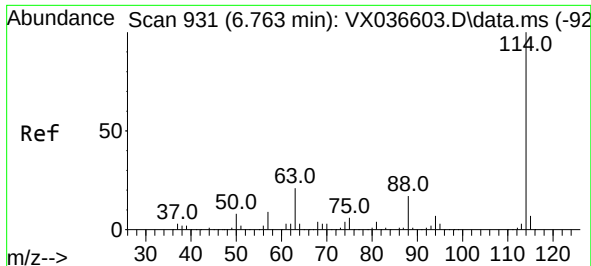
Tgt Ion: 43 Resp: 17130
Ion Ratio Lower Upper
43 100
72 26.1 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 45.360 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036720.D
Acq: 31 Jul 2023 15:11

Tgt Ion: 65 Resp: 98102
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

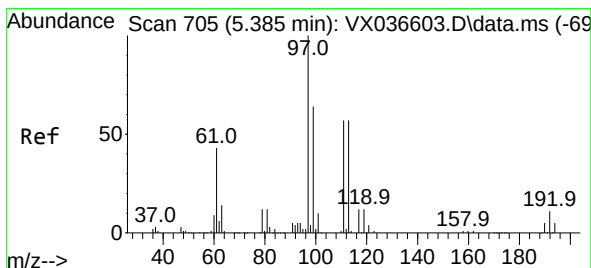
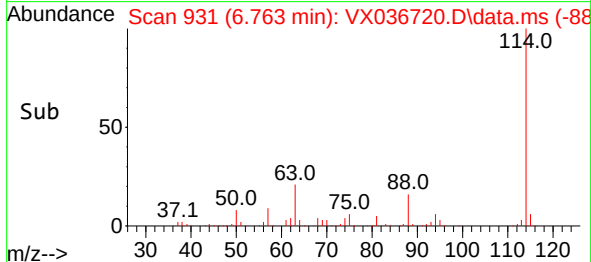
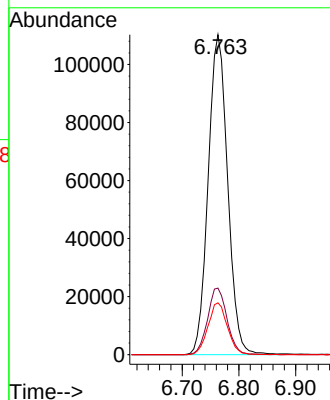
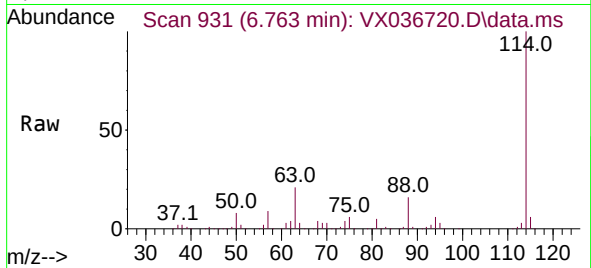




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 913
Delta R.T. -0.000 min
Lab File: VX036720.D
Acq: 31 Jul 2023 15:11

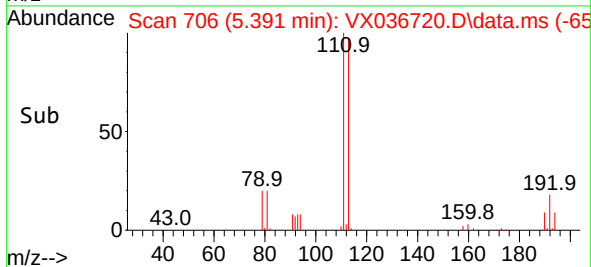
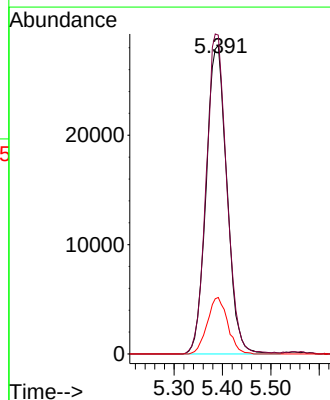
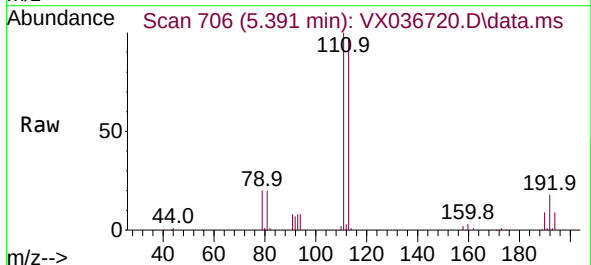
Instrument :
MSVOA_X
ClientSampleId :
1713

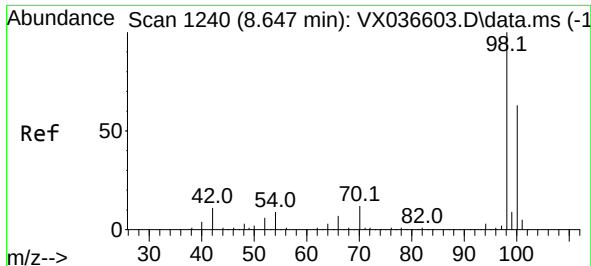
Tgt Ion:114 Resp: 263277
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.469 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036720.D
Acq: 31 Jul 2023 15:11

Tgt Ion:113 Resp: 84091
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.0 13.3 19.9

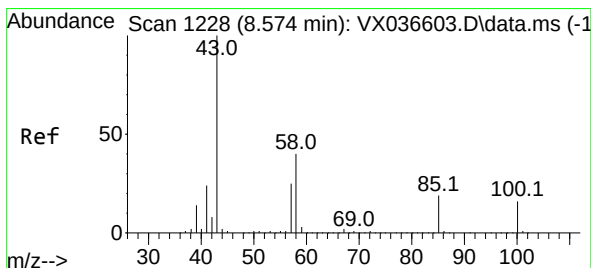
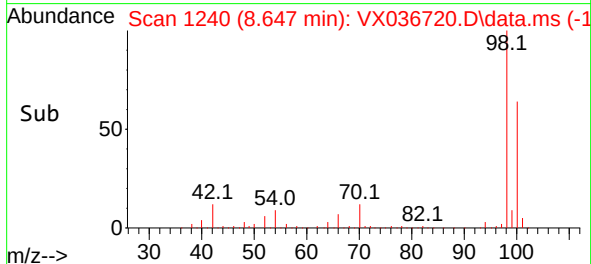
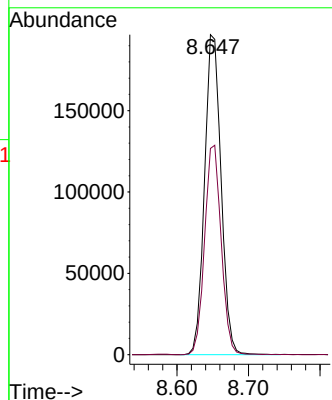
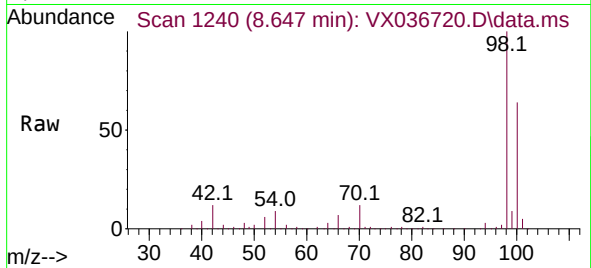




#50
Toluene-d8
Concen: 49.231 ug/l
RT: 8.647 min Scan# 11713
Delta R.T. -0.000 min
Lab File: VX036720.D
Acq: 31 Jul 2023 15:11

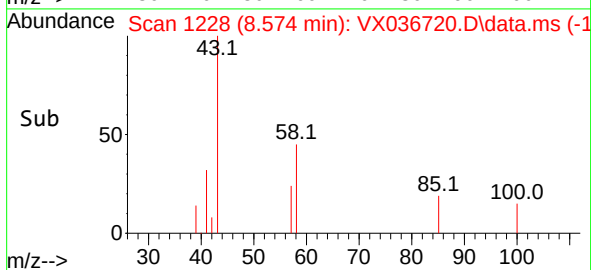
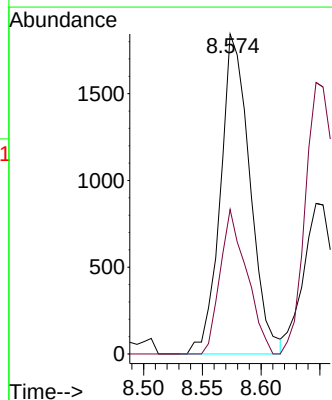
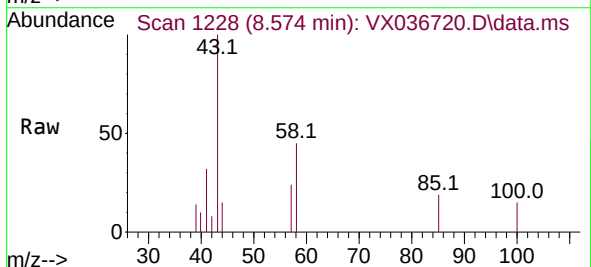
Instrument :
MSVOA_X
ClientSampleId :
1713

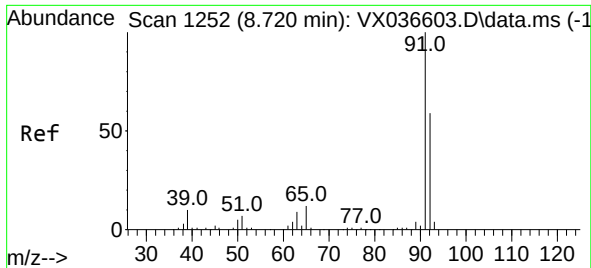
Tgt Ion: 98 Resp: 315929
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 1.110 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX036720.D
Acq: 31 Jul 2023 15:11

Tgt Ion: 43 Resp: 3229
Ion Ratio Lower Upper
43 100
58 40.7 30.4 45.6

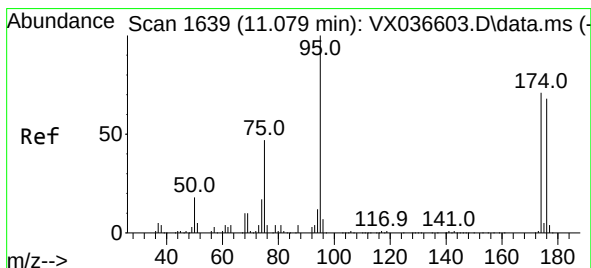
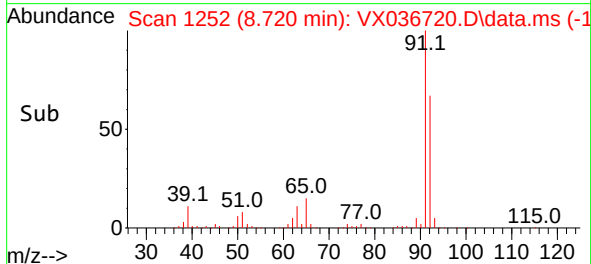
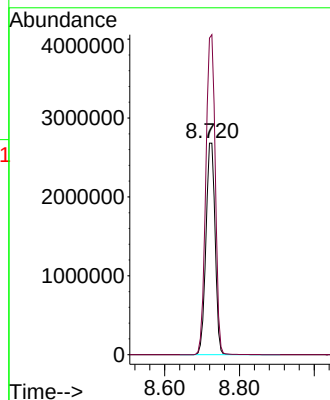
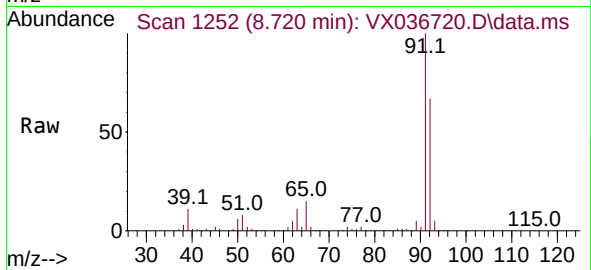




#52
Toluene
Concen: 922.750 ug/l
RT: 8.720 min Scan# 11713
Delta R.T. -0.000 min
Lab File: VX036720.D
Acq: 31 Jul 2023 15:11

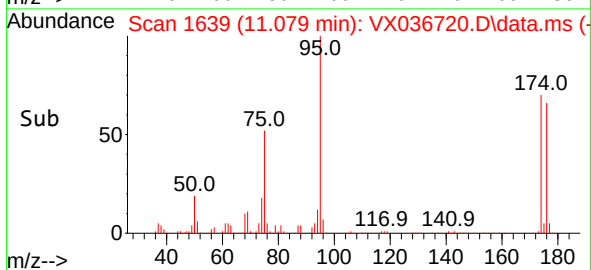
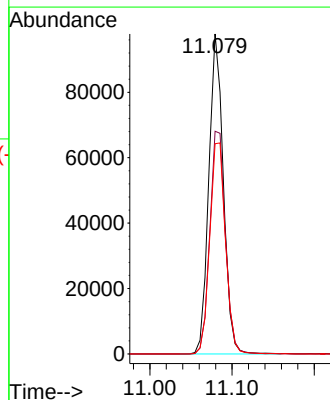
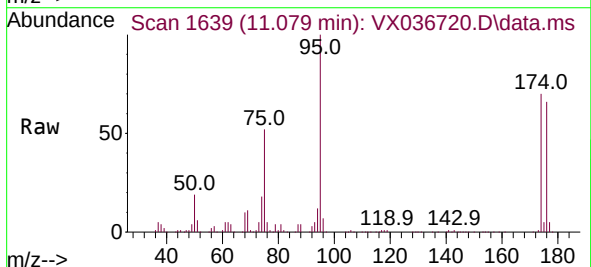
Instrument :
MSVOA_X
ClientSampleId :
1713

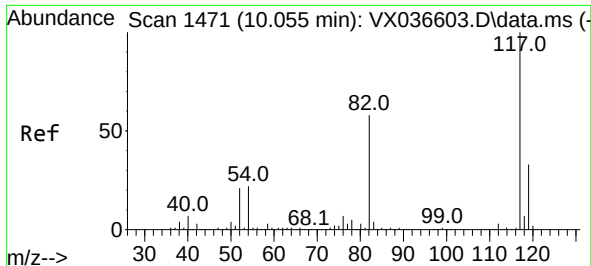
Tgt Ion: 92 Resp: 4537264
Ion Ratio Lower Upper
92 100
91 156.7 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 49.586 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036720.D
Acq: 31 Jul 2023 15:11

Tgt Ion: 95 Resp: 120054
Ion Ratio Lower Upper
95 100
174 74.6 0.0 135.6
176 71.7 0.0 131.0

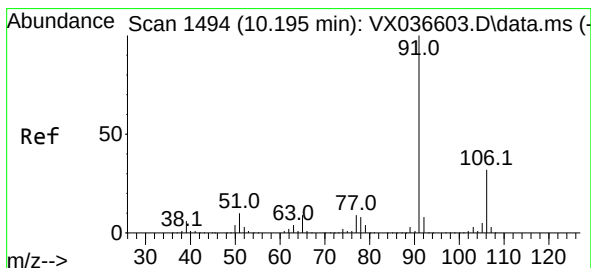
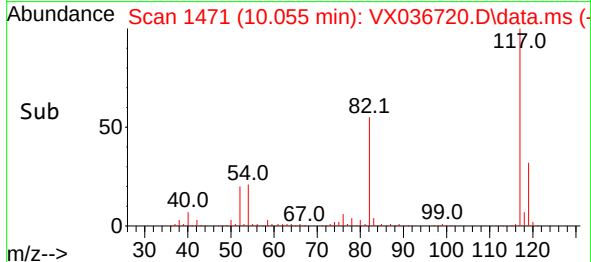
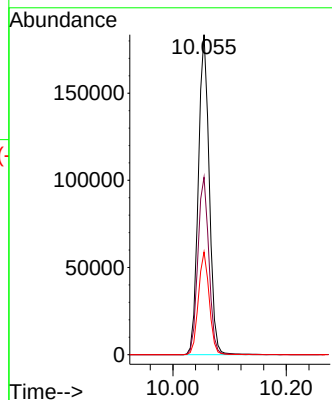
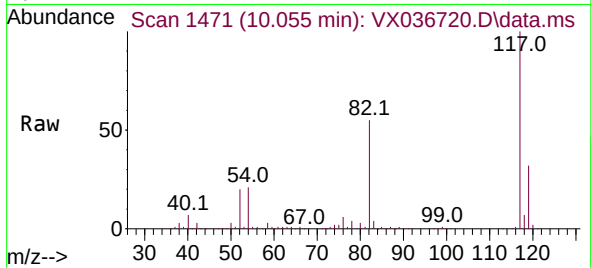




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036720.D
Acq: 31 Jul 2023 15:11

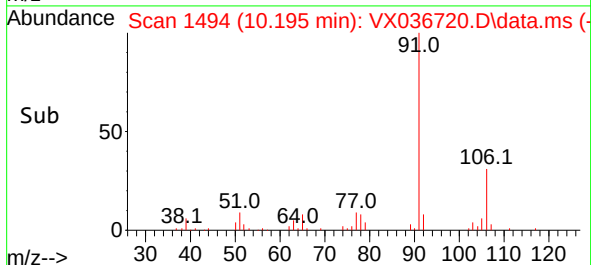
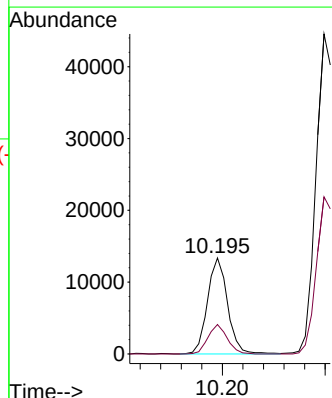
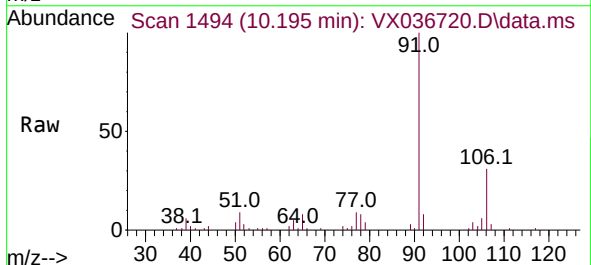
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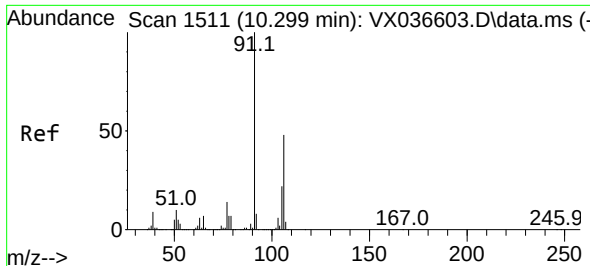
Tgt Ion:117 Resp: 244987
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.1 25.5 38.3



#67
Ethyl Benzene
Concen: 1.843 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036720.D
Acq: 31 Jul 2023 15:11

Tgt Ion: 91 Resp: 18184
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

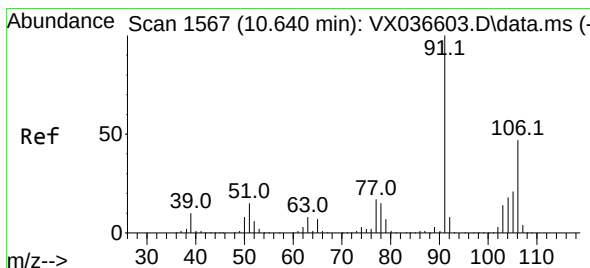
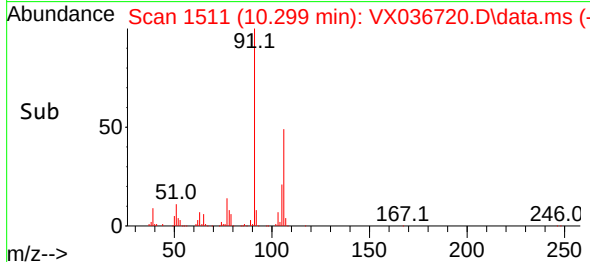
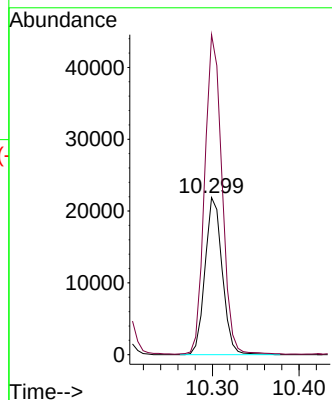
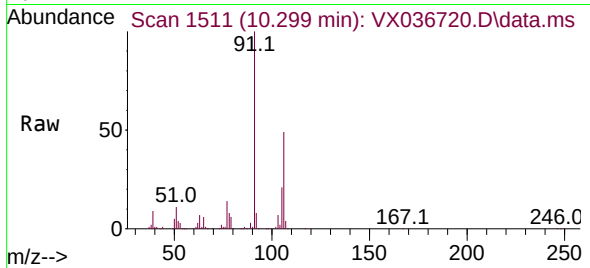




#68
m/p-Xylenes
Concen: 8.210 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036720.D
Acq: 31 Jul 2023 15:11

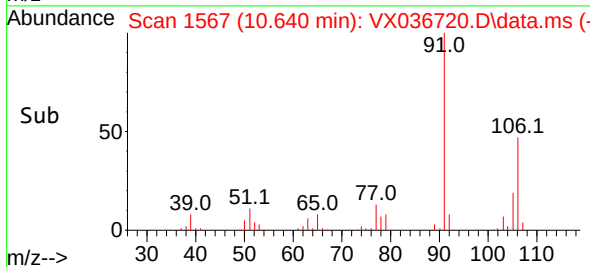
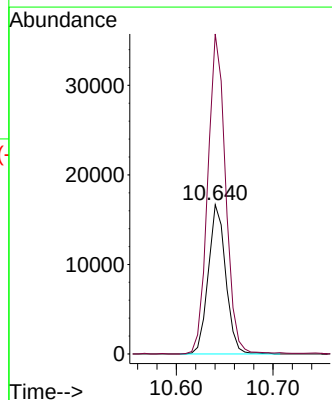
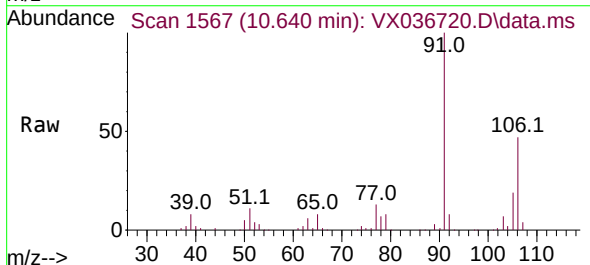
Instrument :
MSVOA_X
ClientSampleId :
1713

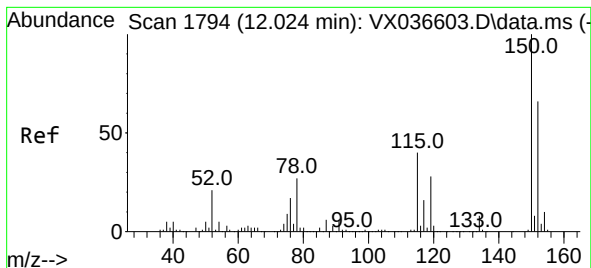
Tgt Ion:106 Resp: 30221
Ion Ratio Lower Upper
106 100
91 204.4 165.5 248.3



#69
o-Xylene
Concen: 5.702 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036720.D
Acq: 31 Jul 2023 15:11

Tgt Ion:106 Resp: 20949
Ion Ratio Lower Upper
106 100
91 219.1 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VX036720.D

Acq: 31 Jul 2023 15:11

Instrument :

MSVOA_X

ClientSampleId :

1713

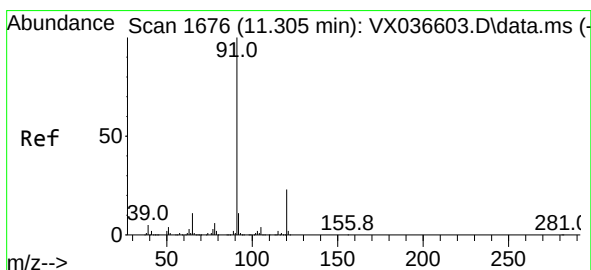
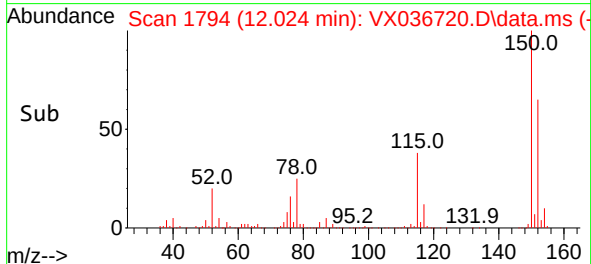
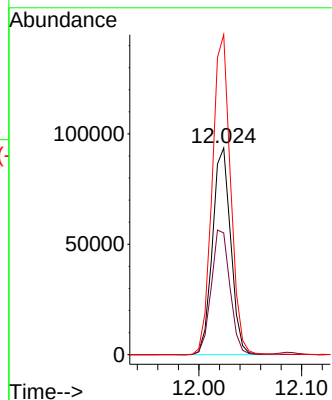
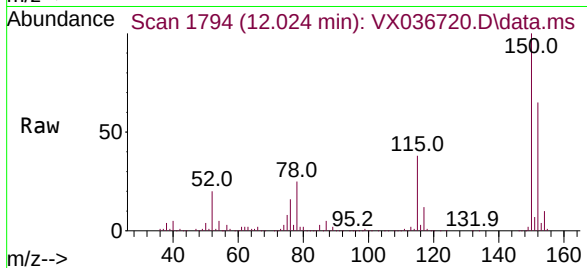
Tgt Ion:152 Resp: 115253

Ion Ratio Lower Upper

152 100

115 61.9 43.3 129.9

150 155.5 0.0 345.0



#78

n-propylbenzene

Concen: 0.229 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036720.D

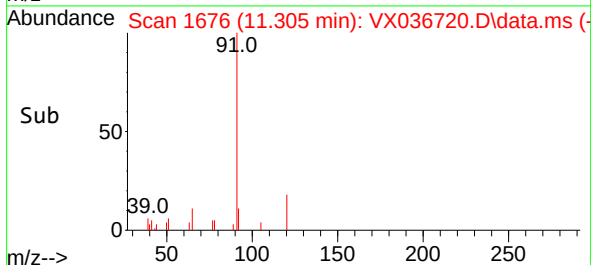
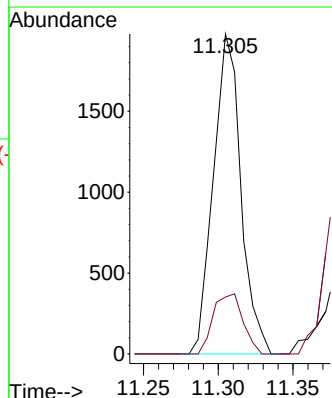
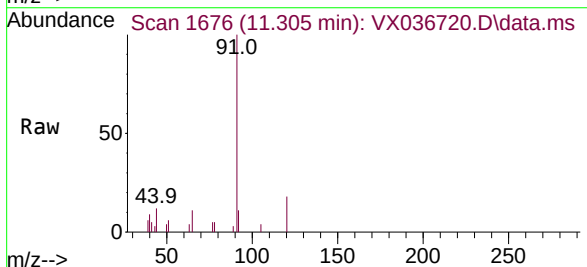
Acq: 31 Jul 2023 15:11

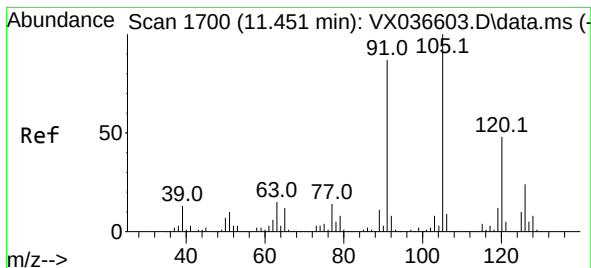
Tgt Ion: 91 Resp: 2529

Ion Ratio Lower Upper

91 100

120 20.3 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 0.400 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX036720.D

Acq: 31 Jul 2023 15:11

Instrument :

MSVOA_X

ClientSampleId :

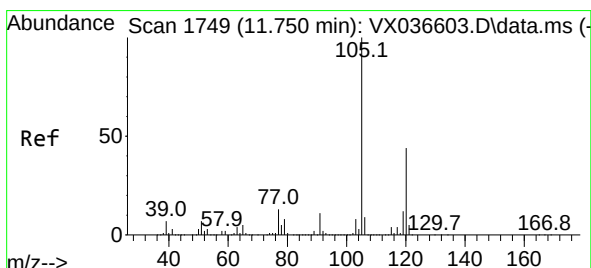
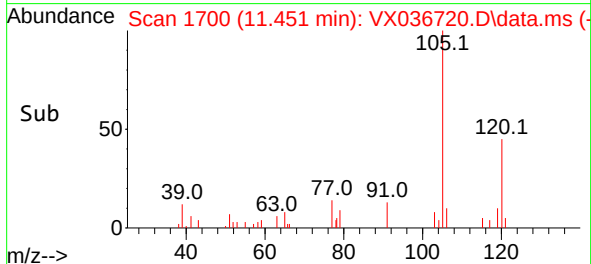
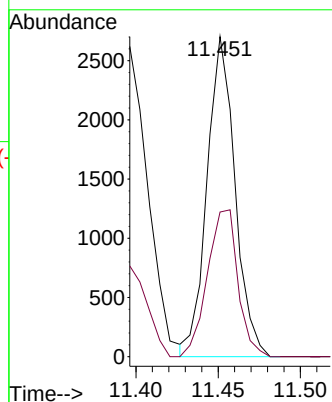
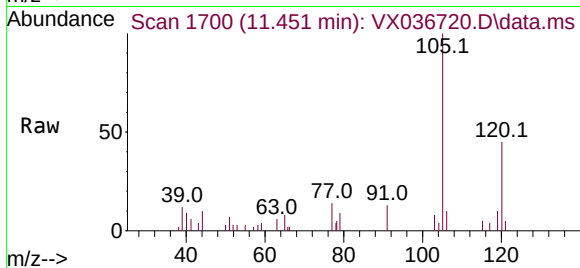
1713

Tgt Ion:105 Resp: 3192

Ion Ratio Lower Upper

105 100

120 50.0 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 1.466 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036720.D

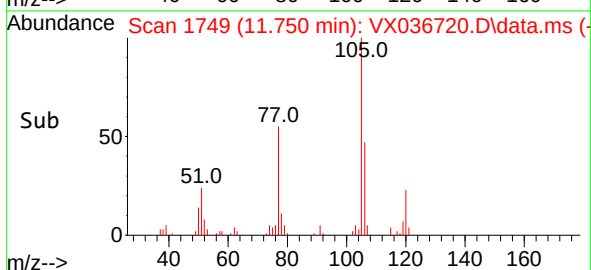
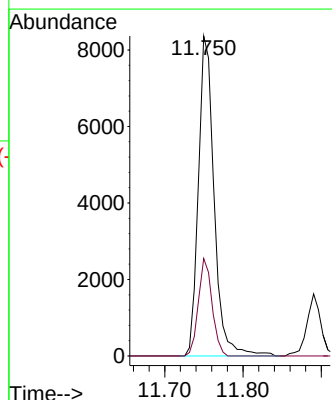
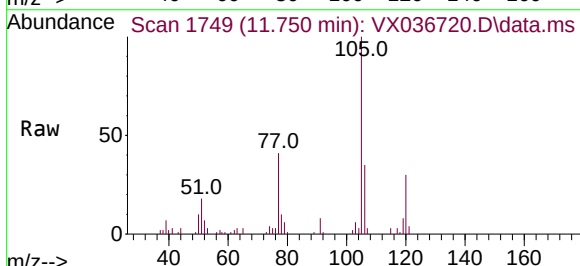
Acq: 31 Jul 2023 15:11

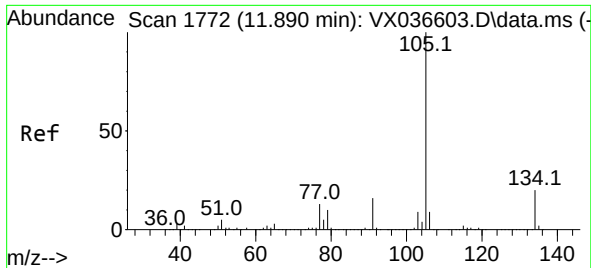
Tgt Ion:105 Resp: 11695

Ion Ratio Lower Upper

105 100

120 26.5 21.2 63.6

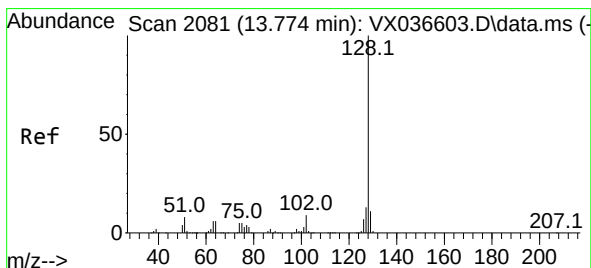
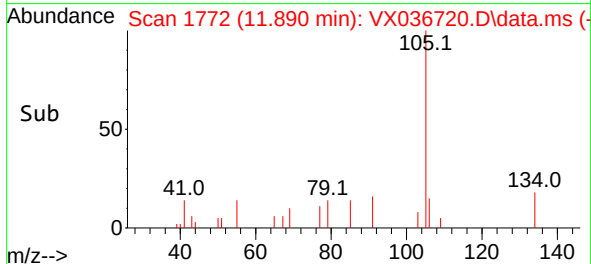
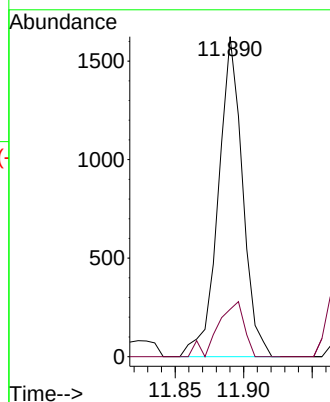
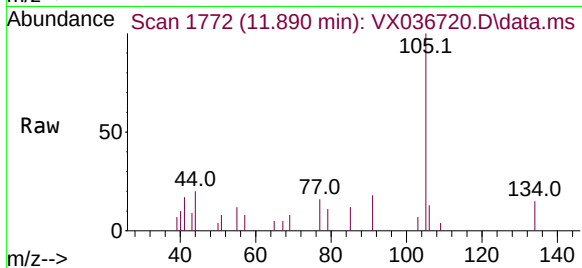




#85
 sec-Butylbenzene
 Concen: 0.205 ug/l
 RT: 11.890 min Scan# 1713
 Delta R.T. -0.000 min
 Lab File: VX036720.D
 Acq: 31 Jul 2023 15:11

Instrument :
 MSVOA_X
 ClientSampleId :
 1713

Tgt Ion:105 Resp: 2002
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.8 29.4



#95
 Naphthalene
 Concen: 0.850 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VX036720.D
 Acq: 31 Jul 2023 15:11

Tgt Ion:128 Resp: 7087
 Ion Ratio Lower Upper
 128 100
 127 14.1 10.3 15.5
 129 12.1 8.8 13.2

