

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036721.D
 Acq On : 31 Jul 2023 15:35
 Operator : JC/MD
 Sample : 03808-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1714

Quant Time: Aug 01 04:38:09 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)

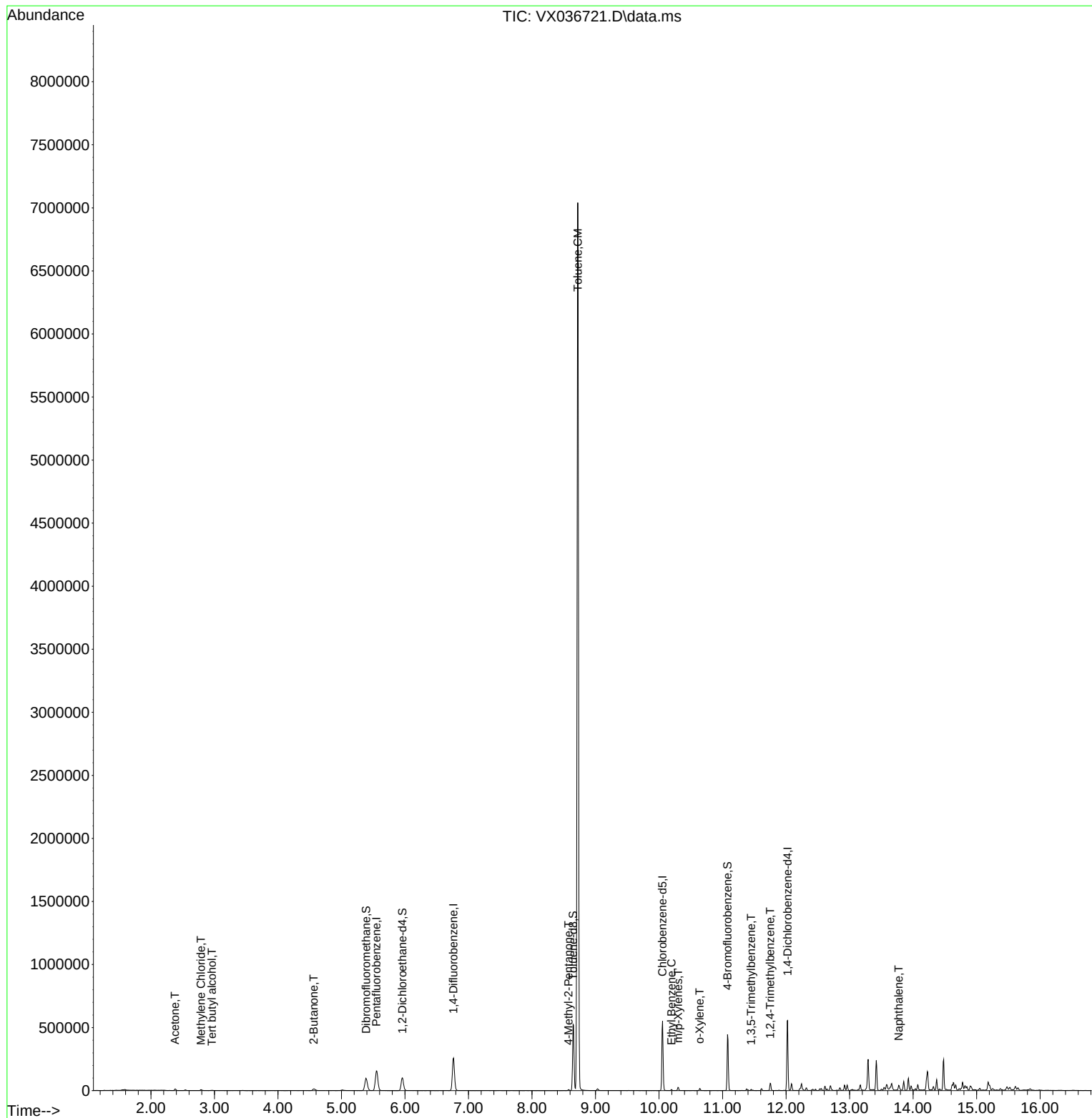
Internal Standards						
1) Pentafluorobenzene	5.549	168	146230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	264773	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97607	45.111	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.220%		
35) Dibromofluoromethane	5.385	113	84913	46.658	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.320%		
50) Toluene-d8	8.646	98	316559	49.050	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.100%		
62) 4-Bromofluorobenzene	11.079	95	119763	49.186	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.380%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.958	59	3166	6.181	ug/l	97
16) Acetone	2.379	43	13584	15.130	ug/l #	88
20) Methylene Chloride	2.788	84	4113	2.060	ug/l #	93
25) 2-Butanone	4.562	43	24445	16.781	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	4998	1.709	ug/l	97
52) Toluene	8.720	92	2720747	550.196	ug/l	97
67) Ethyl Benzene	10.195	91	5387	0.546	ug/l	99
68) m/p-Xylenes	10.299	106	6135	1.665	ug/l	100
69) o-Xylene	10.640	106	3624	0.985	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	4111	0.520	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	23830	3.012	ug/l	86
95) Naphthalene	13.774	128	24370	2.949	ug/l	97

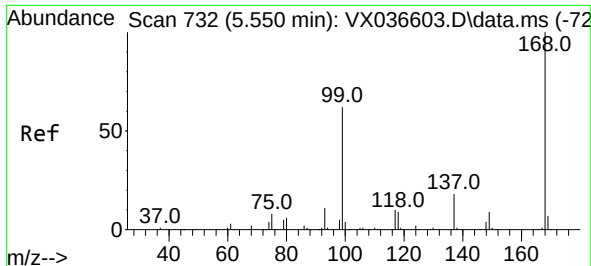
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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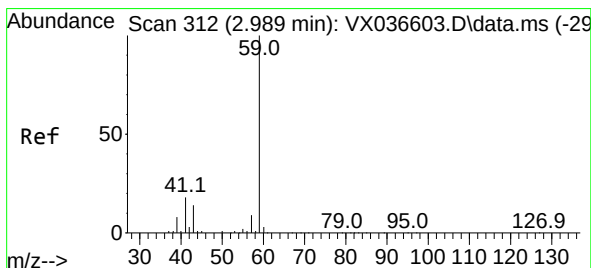
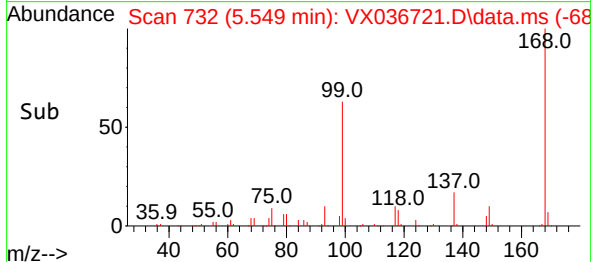
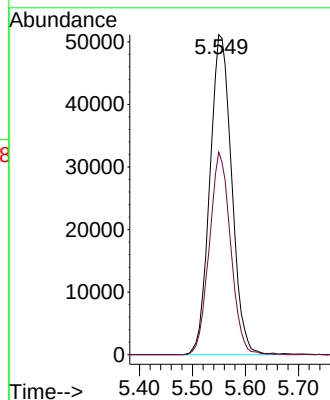
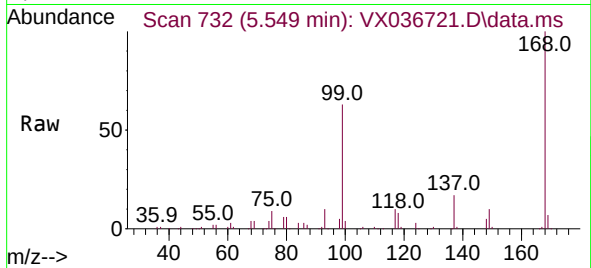




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 714
Delta R.T. -0.001 min
Lab File: VX036721.D
Acq: 31 Jul 2023 15:35

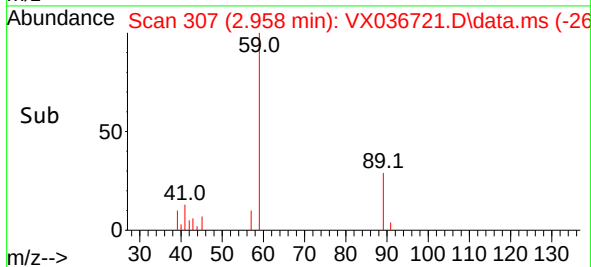
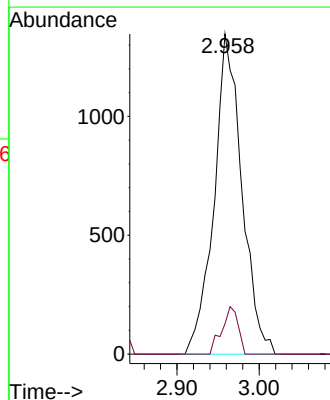
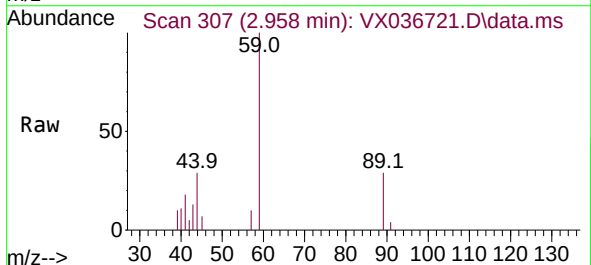
Instrument :
MSVOA_X
ClientSampleId :
1714

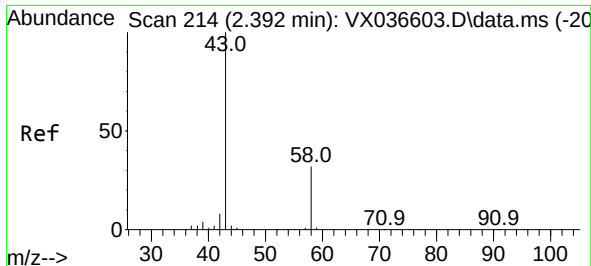
Tgt Ion:168 Resp: 146230
Ion Ratio Lower Upper
168 100
99 63.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 6.181 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.031 min
Lab File: VX036721.D
Acq: 31 Jul 2023 15:35

Tgt Ion: 59 Resp: 3166
Ion Ratio Lower Upper
59 100
57 8.6 6.0 9.0





#16

Acetone

Concen: 15.130 ug/l

RT: 2.379 min Scan# 214

Delta R.T. -0.013 min

Lab File: VX036721.D

Acq: 31 Jul 2023 15:35

Instrument :

MSVOA_X

ClientSampleId :

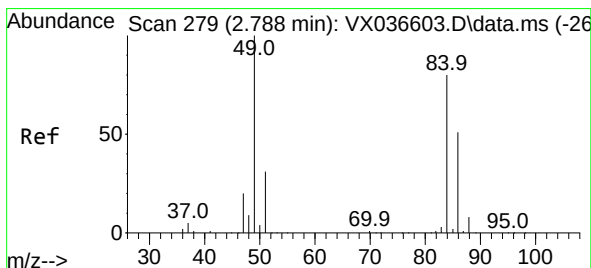
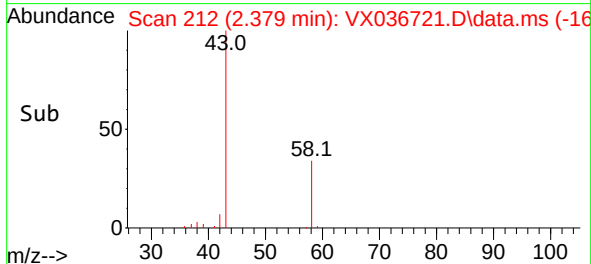
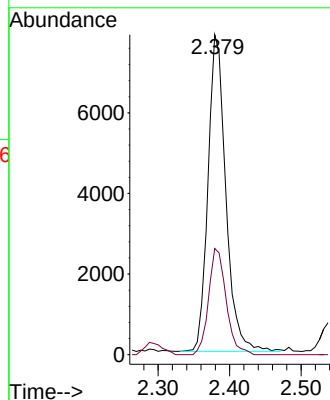
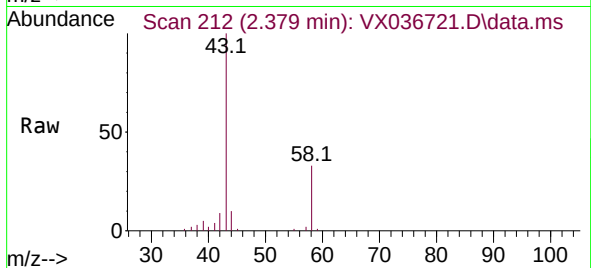
1714

Tgt Ion: 43 Resp: 13584

Ion Ratio Lower Upper

43 100

58 33.6 21.9 32.9#



#20

Methylene Chloride

Concen: 2.060 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX036721.D

Acq: 31 Jul 2023 15:35

Tgt Ion: 84 Resp: 4113

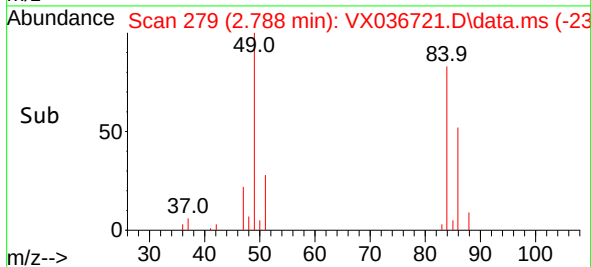
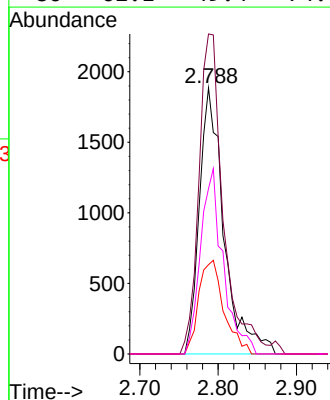
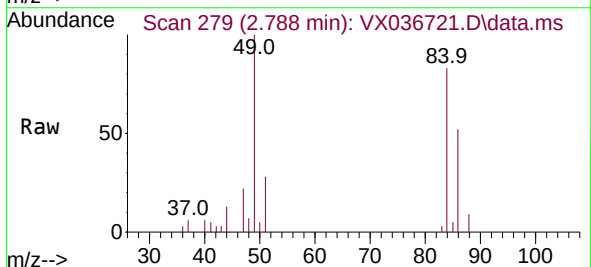
Ion Ratio Lower Upper

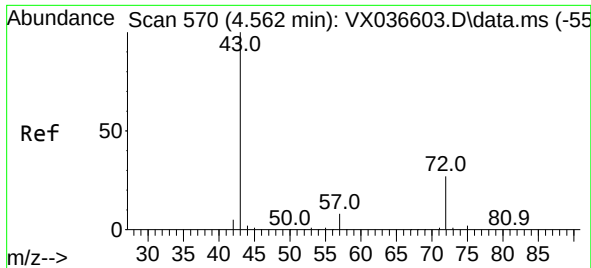
84 100

49 120.3 103.6 155.4

51 33.6 33.8 50.6#

86 62.1 49.4 74.0

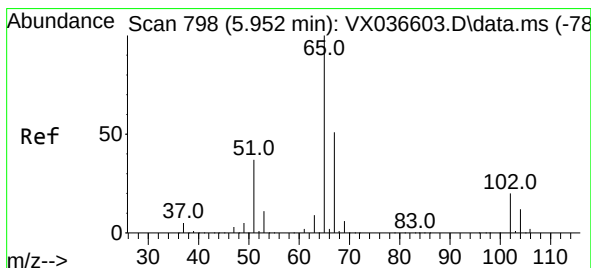
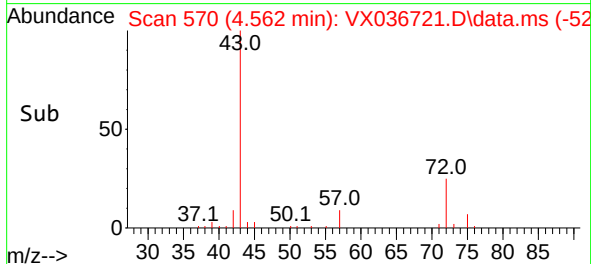
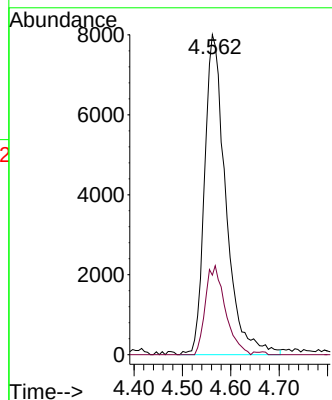
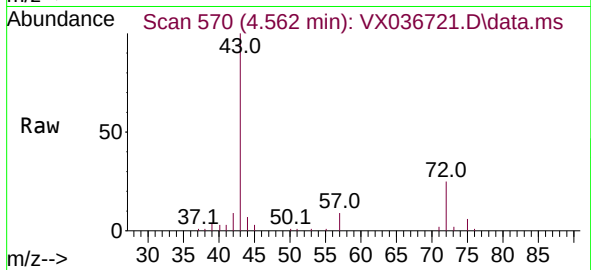




#25
2-Butanone
Concen: 16.781 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX036721.D
Acq: 31 Jul 2023 15:35

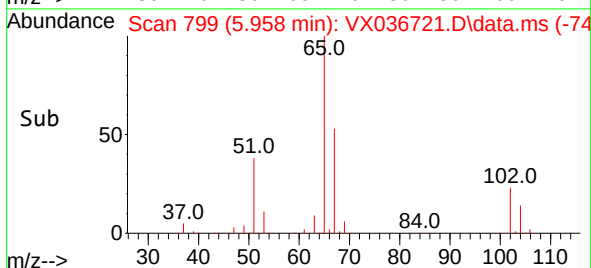
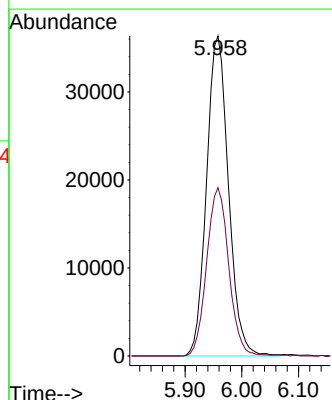
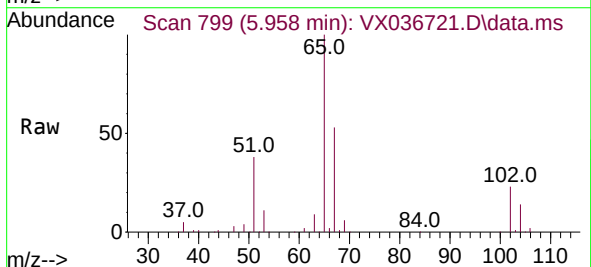
Instrument :
MSVOA_X
ClientSampleId :
1714

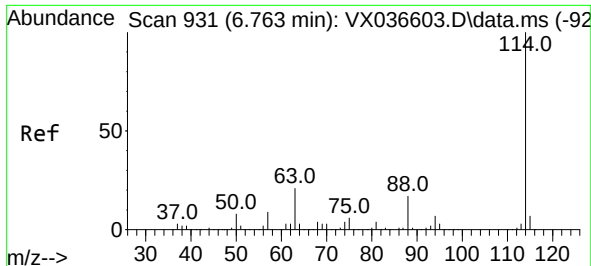
Tgt Ion: 43 Resp: 24445
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 45.111 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036721.D
Acq: 31 Jul 2023 15:35

Tgt Ion: 65 Resp: 97607
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2

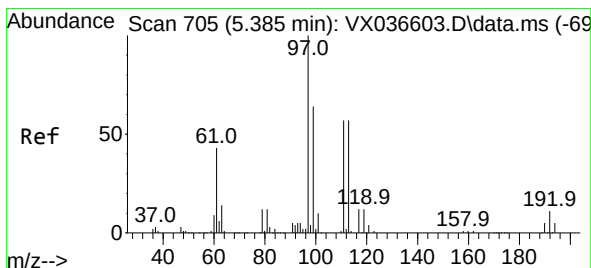
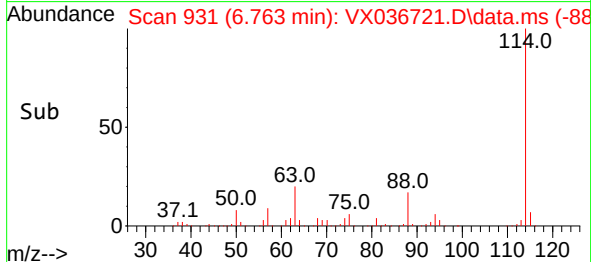
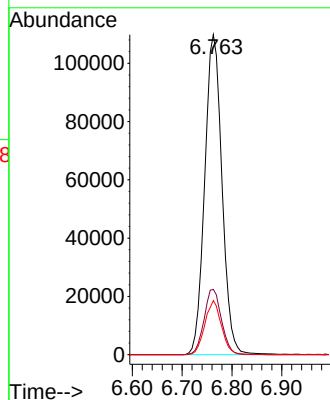
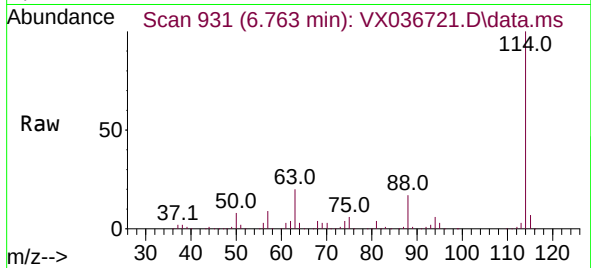




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 914
Delta R.T. -0.000 min
Lab File: VX036721.D
Acq: 31 Jul 2023 15:35

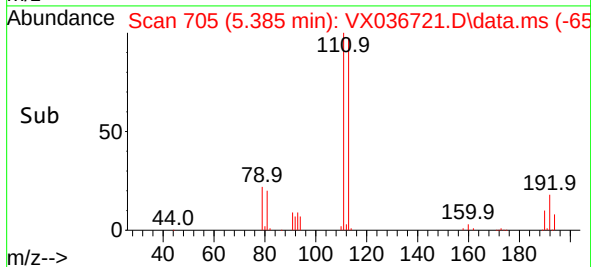
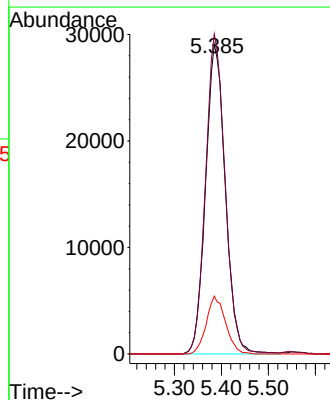
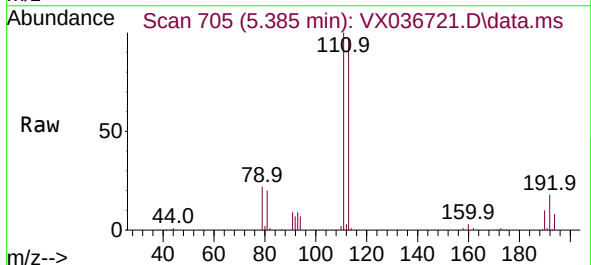
Instrument :
MSVOA_X
ClientSampleId :
1714

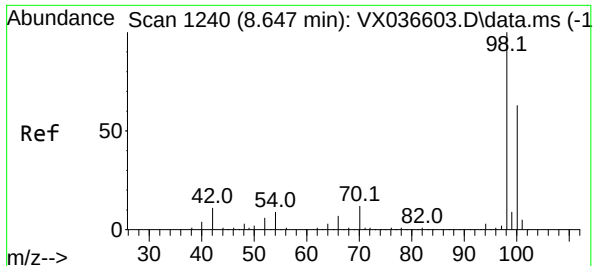
Tgt Ion:114 Resp: 264773
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.658 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036721.D
Acq: 31 Jul 2023 15:35

Tgt Ion:113 Resp: 84913
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.1 13.3 19.9





#50

Toluene-d8

Concen: 49.050 ug/l

RT: 8.646 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036721.D

Acq: 31 Jul 2023 15:35

Instrument :

MSVOA_X

ClientSampleId :

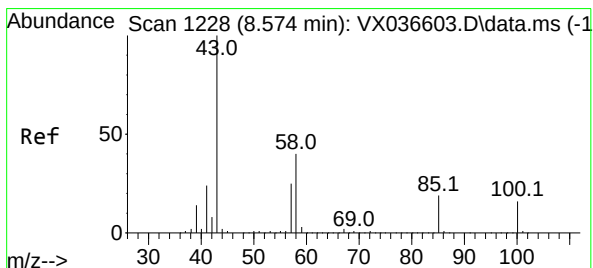
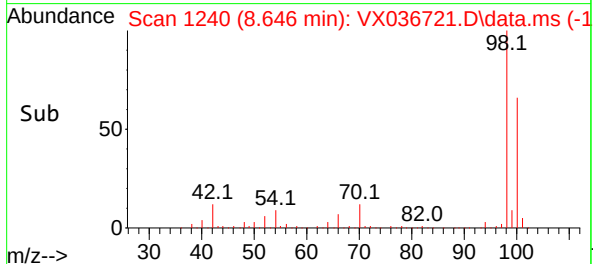
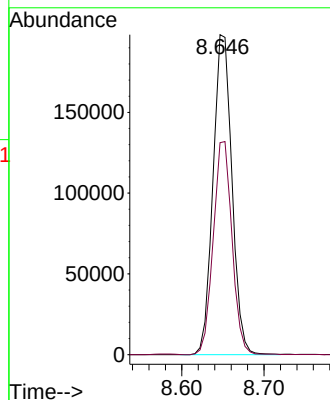
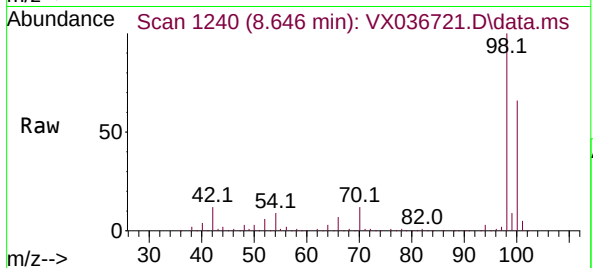
1714

Tgt Ion: 98 Resp: 316559

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 1.709 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX036721.D

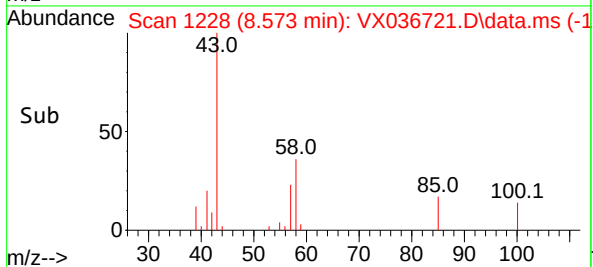
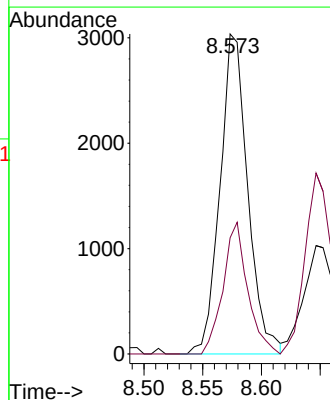
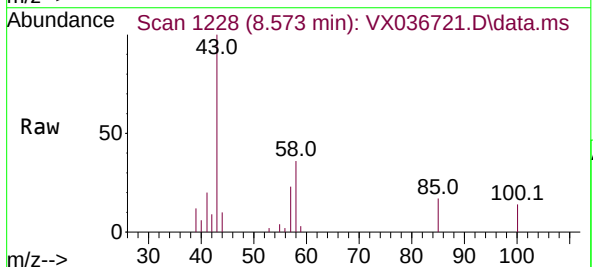
Acq: 31 Jul 2023 15:35

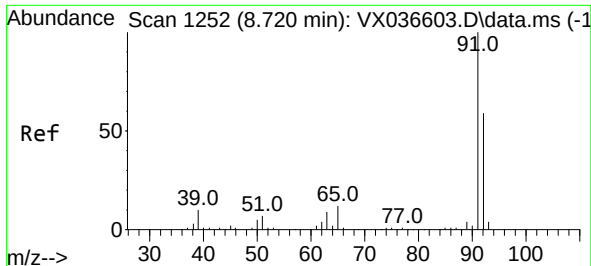
Tgt Ion: 43 Resp: 4998

Ion Ratio Lower Upper

43 100

58 36.5 30.4 45.6

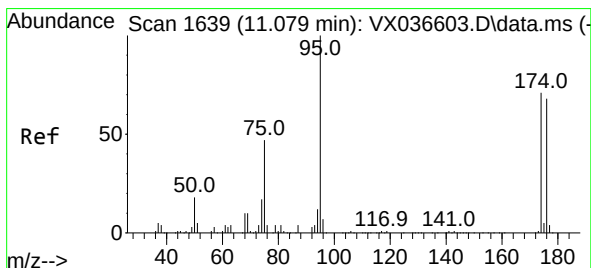
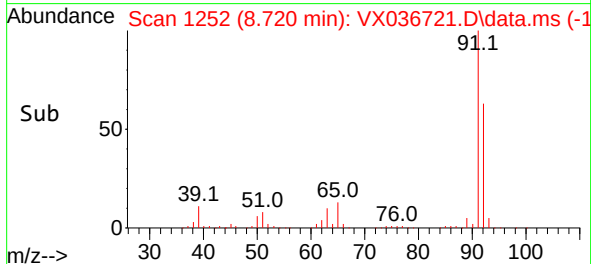
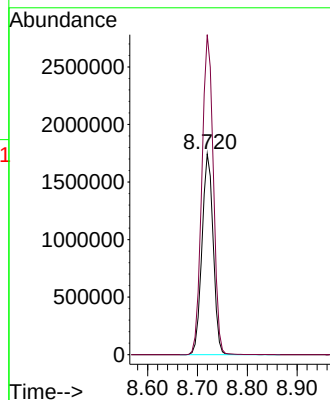
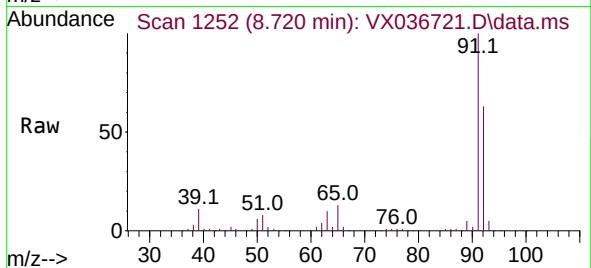




#52
Toluene
Concen: 550.196 ug/l
RT: 8.720 min Scan# 11714
Delta R.T. -0.000 min
Lab File: VX036721.D
Acq: 31 Jul 2023 15:35

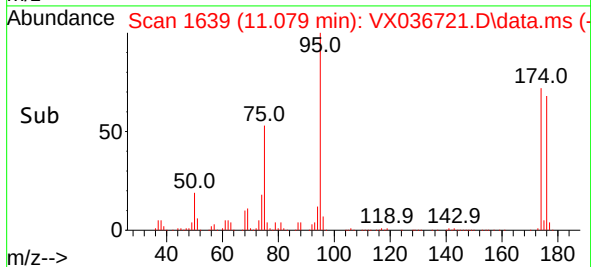
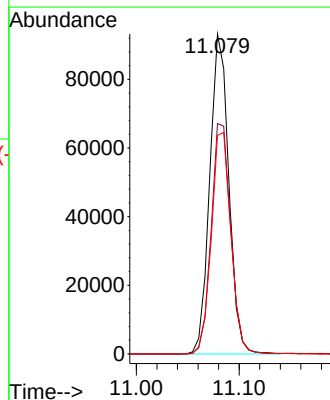
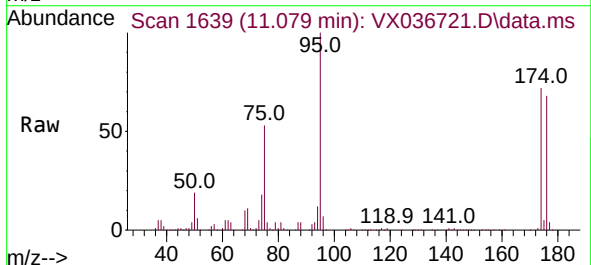
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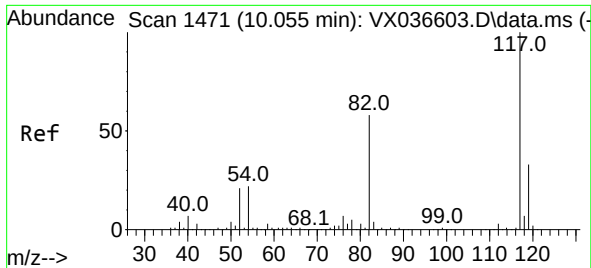
Tgt Ion: 92 Resp: 2720747
Ion Ratio Lower Upper
92 100
91 163.3 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 49.186 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036721.D
Acq: 31 Jul 2023 15:35

Tgt Ion: 95 Resp: 119763
Ion Ratio Lower Upper
95 100
174 74.2 0.0 135.6
176 71.1 0.0 131.0

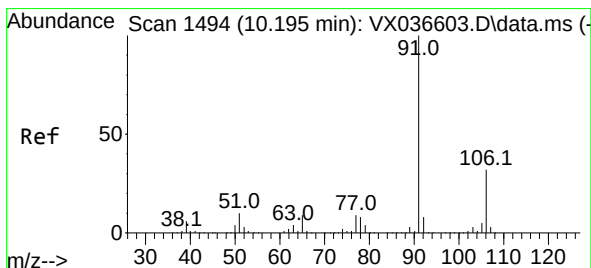
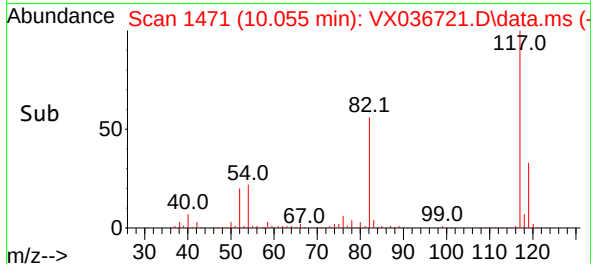
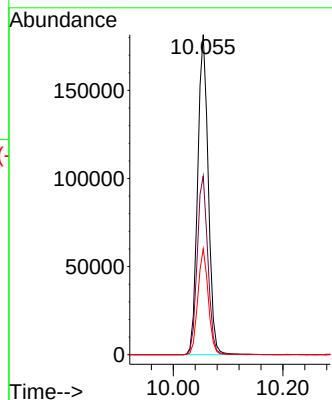
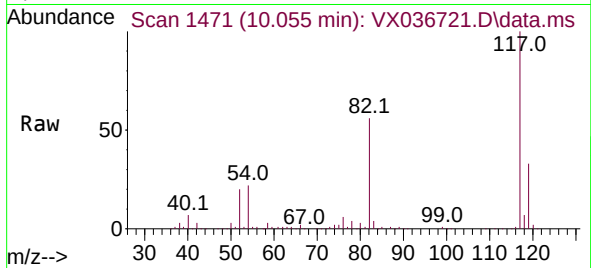




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036721.D
Acq: 31 Jul 2023 15:35

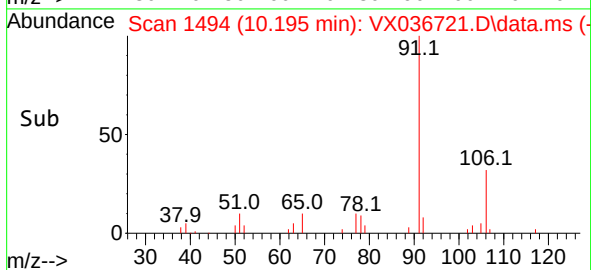
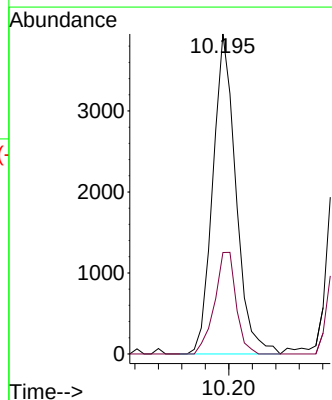
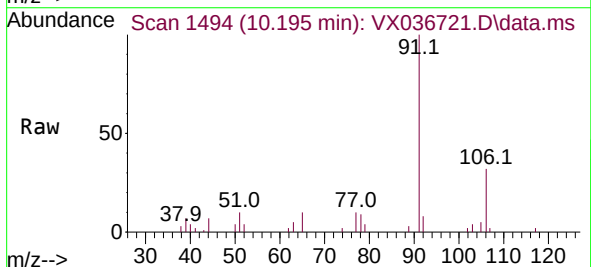
Instrument :
MSVOA_X
ClientSampleId :
1714

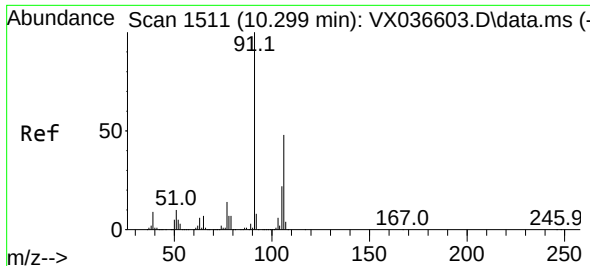
Tgt Ion:117 Resp: 245226
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 33.1 25.5 38.3



#67
Ethyl Benzene
Concen: 0.546 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036721.D
Acq: 31 Jul 2023 15:35

Tgt Ion: 91 Resp: 5387
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

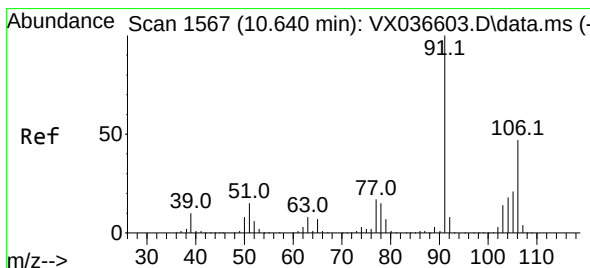
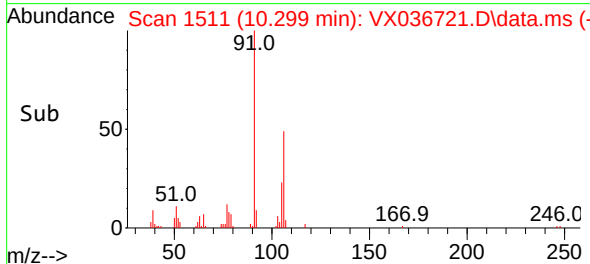
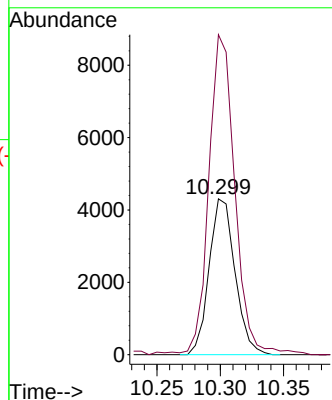
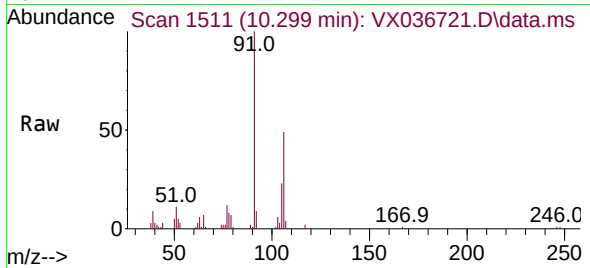




#68
m/p-Xylenes
Concen: 1.665 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036721.D
Acq: 31 Jul 2023 15:35

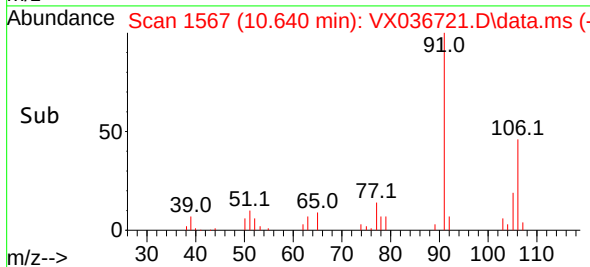
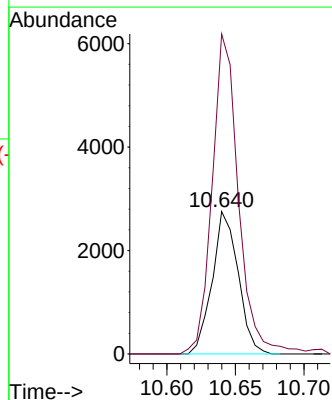
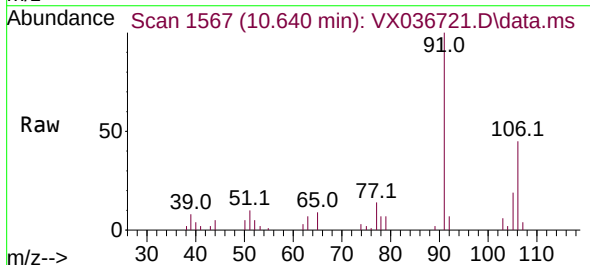
Instrument :
MSVOA_X
ClientSampleId :
1714

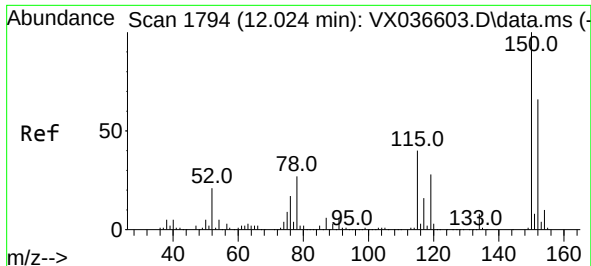
Tgt Ion:106 Resp: 6135
Ion Ratio Lower Upper
106 100
91 207.3 165.5 248.3



#69
o-Xylene
Concen: 0.985 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036721.D
Acq: 31 Jul 2023 15:35

Tgt Ion:106 Resp: 3624
Ion Ratio Lower Upper
106 100
91 229.4 108.9 326.8

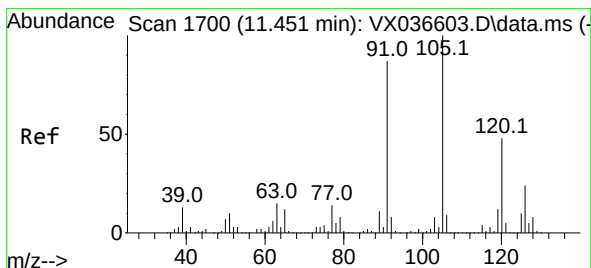
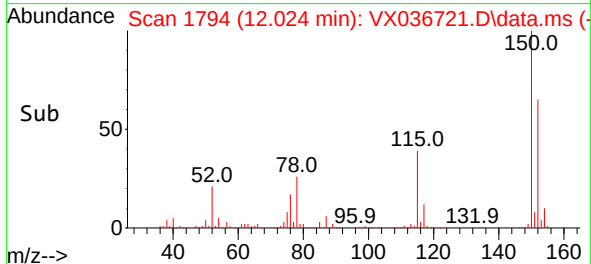
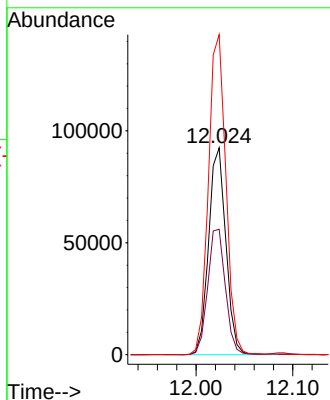
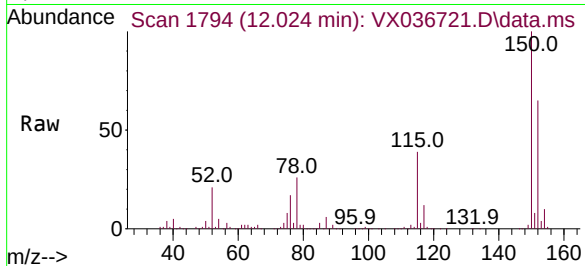




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1714
 Delta R.T. -0.000 min
 Lab File: VX036721.D
 Acq: 31 Jul 2023 15:35

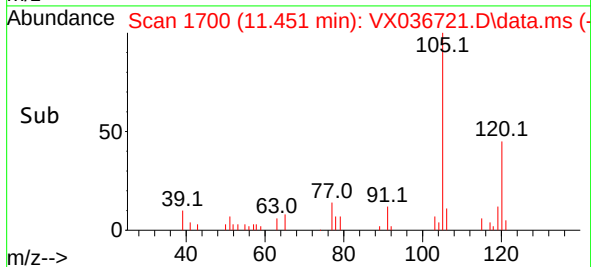
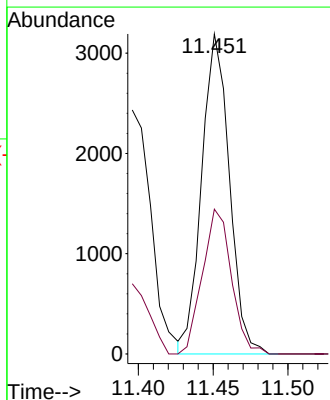
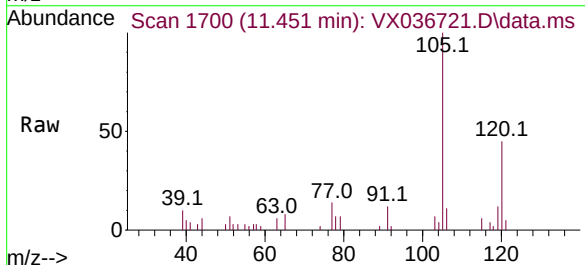
Instrument :
 MSVOA_X
 ClientSampleId :
 1714

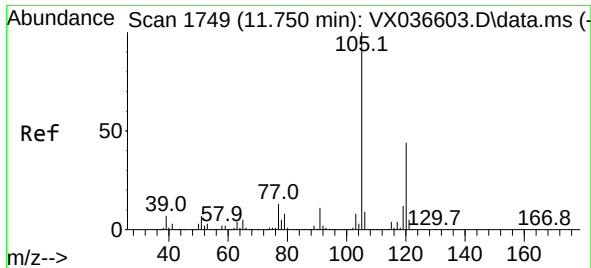
Tgt Ion:152 Resp: 114256
 Ion Ratio Lower Upper
 152 100
 115 62.3 43.3 129.9
 150 157.1 0.0 345.0



#80
 1,3,5-Trimethylbenzene
 Concen: 0.520 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX036721.D
 Acq: 31 Jul 2023 15:35

Tgt Ion:105 Resp: 4111
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.1 72.3

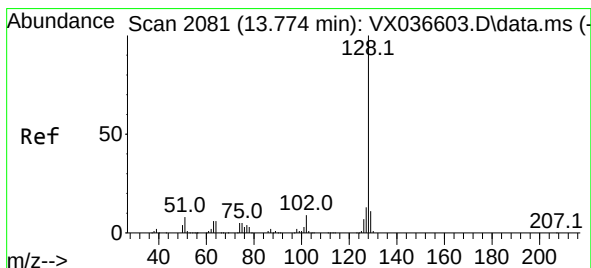
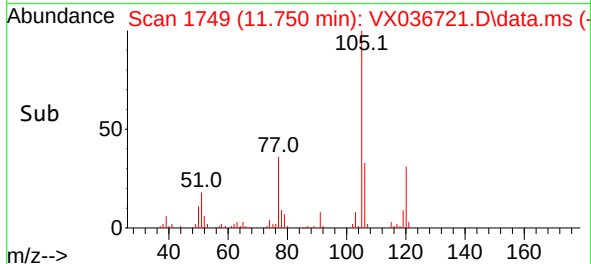
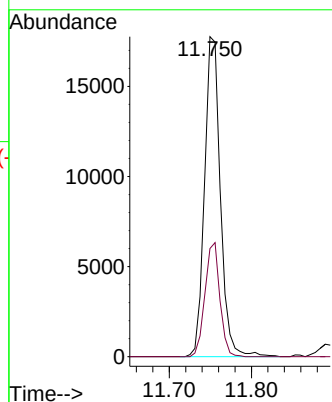
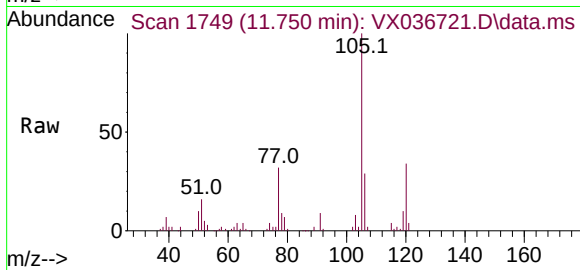




#84
1,2,4-Trimethylbenzene
Concen: 3.012 ug/l
RT: 11.750 min Scan# 1714
Delta R.T. -0.000 min
Lab File: VX036721.D
Acq: 31 Jul 2023 15:35

Instrument :
MSVOA_X
ClientSampleId :
1714

Tgt Ion:105 Resp: 23830
Ion Ratio Lower Upper
105 100
120 33.4 21.2 63.6



#95
Naphthalene
Concen: 2.949 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036721.D
Acq: 31 Jul 2023 15:35

Tgt Ion:128 Resp: 24370
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 12.6 8.8 13.2

