

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036745.D
 Acq On : 01 Aug 2023 13:49
 Operator : JC/MD
 Sample : 03808-07DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1714DL

Quant Time: Aug 02 06:24:25 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)

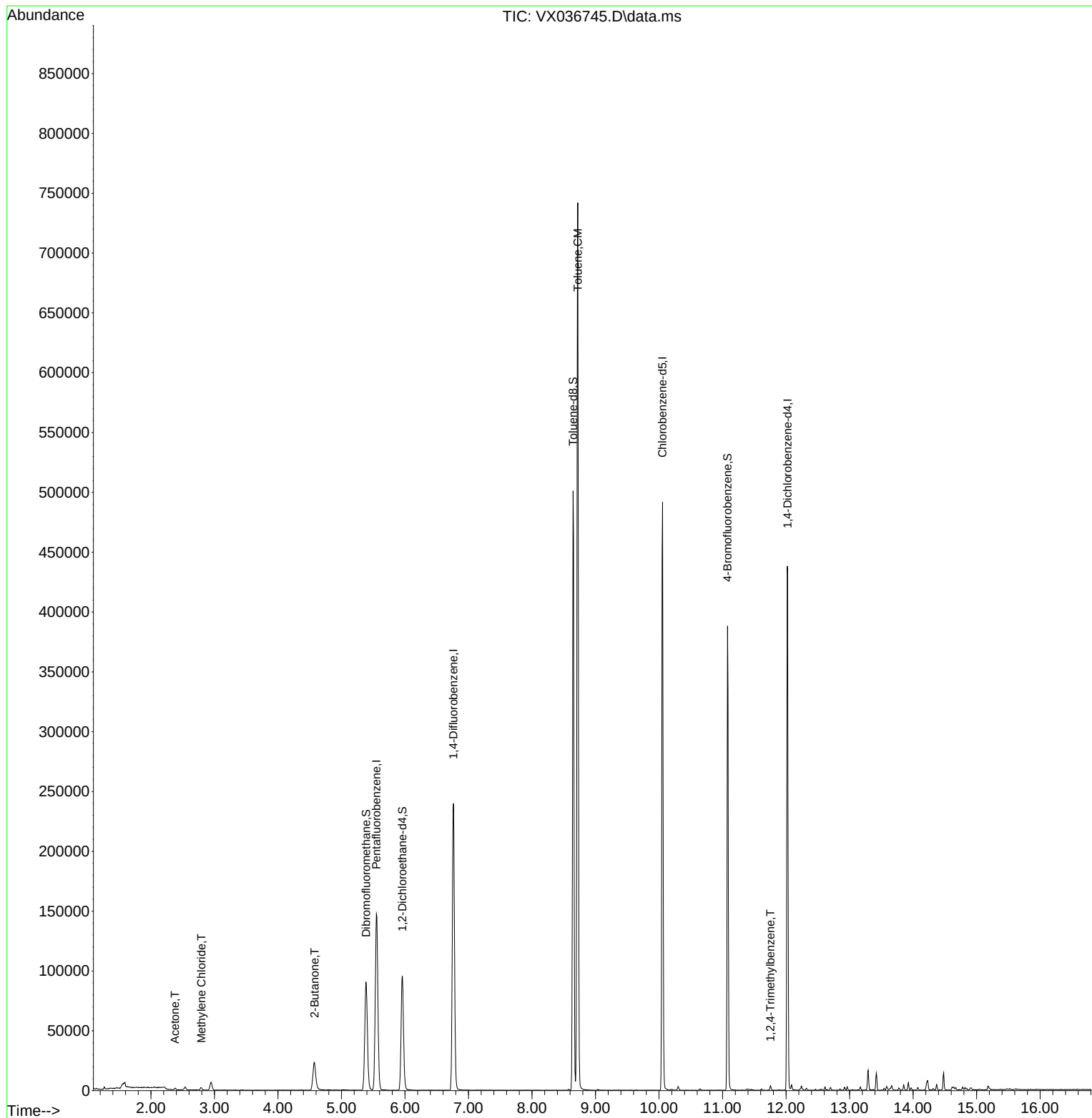
Internal Standards						
1) Pentafluorobenzene	5.550	168	138652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92837	45.252	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.500%		
35) Dibromofluoromethane	5.385	113	79018	46.549	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.100%		
50) Toluene-d8	8.647	98	293709	48.790	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.580%		
62) 4-Bromofluorobenzene	11.079	95	102813	45.268	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.540%		
Target Compounds						
16) Acetone	2.380	43	1708	2.006	ug/l	97
20) Methylene Chloride	2.794	84	1118	0.591	ug/l #	71
25) 2-Butanone	4.574	43	2745	1.987	ug/l	97
52) Toluene	8.720	92	277684	60.202	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	1951	0.305	ug/l	92

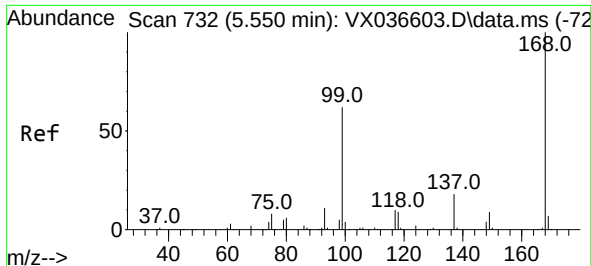
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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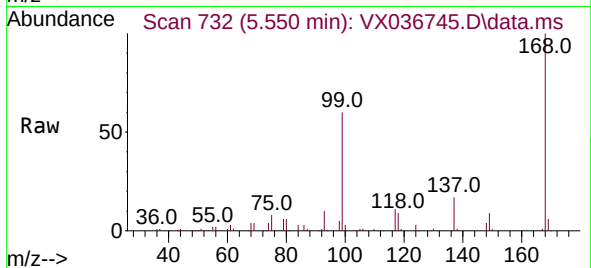
Quant Time: Aug 02 06:24:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
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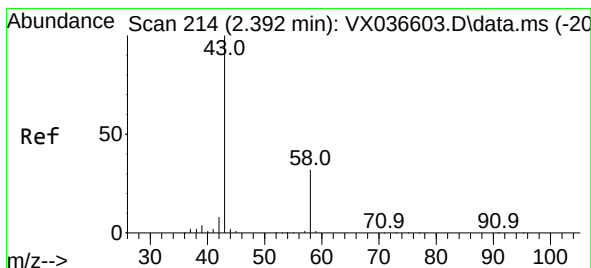
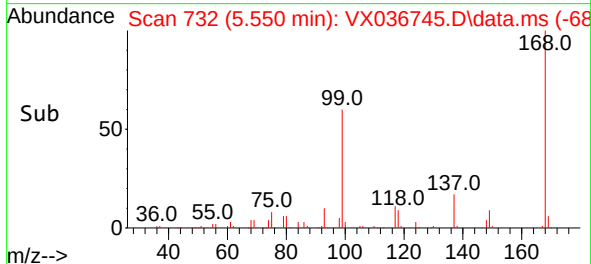
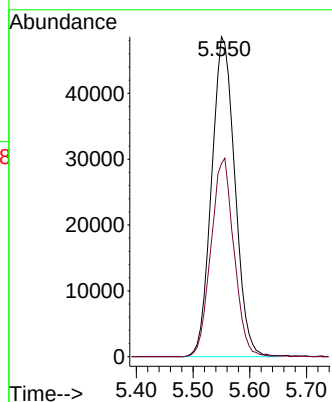


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036745.D
Acq: 01 Aug 2023 13:49

Instrument :
MSVOA_X
ClientSampleId :
1714DL

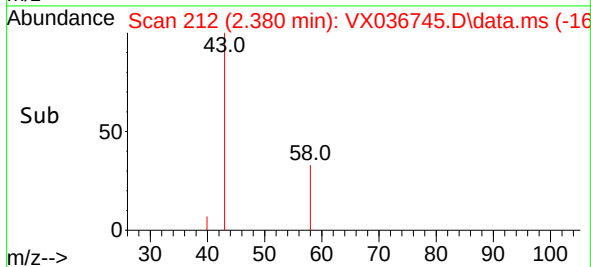
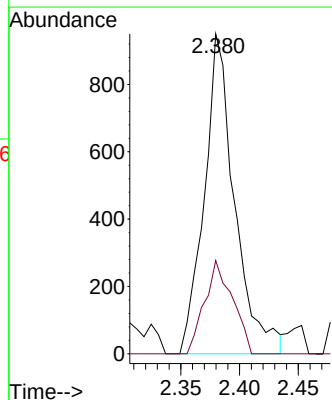
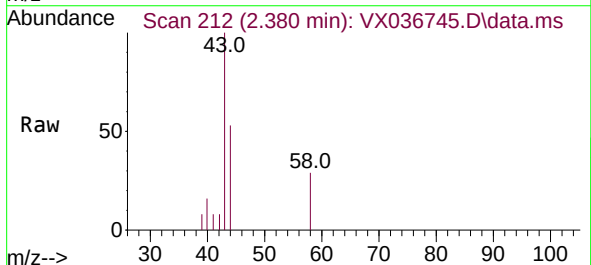


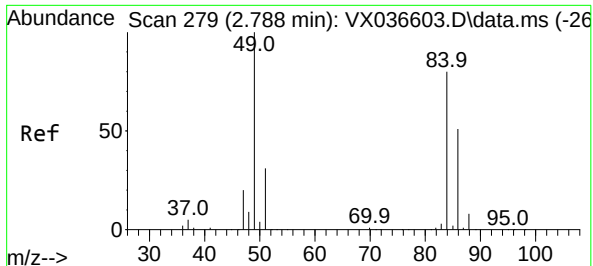
Tgt Ion:168 Resp: 138652
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0



#16
Acetone
Concen: 2.006 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036745.D
Acq: 01 Aug 2023 13:49

Tgt Ion: 43 Resp: 1708
Ion Ratio Lower Upper
43 100
58 29.2 21.9 32.9





#20

Methylene Chloride

Concen: 0.591 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX036745.D

Acq: 01 Aug 2023 13:49

Instrument :

MSVOA_X

ClientSampleId :

1714DL

Tgt Ion: 84 Resp: 1118

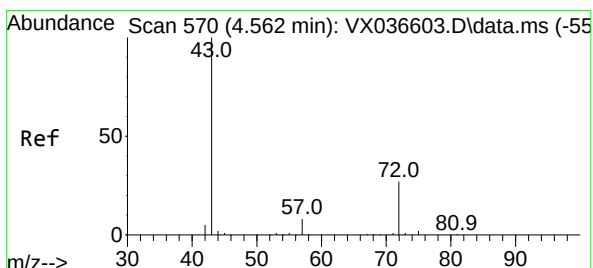
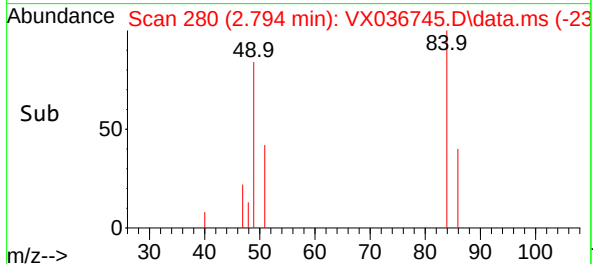
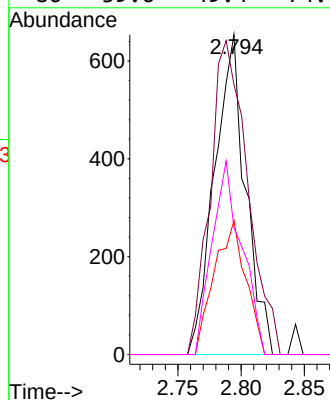
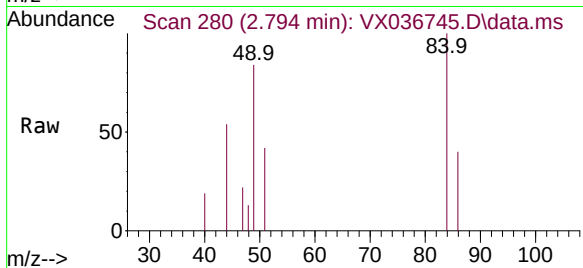
Ion Ratio Lower Upper

84 100

49 84.4 103.6 155.4#

51 41.9 33.8 50.6

86 39.6 49.4 74.0#



#25

2-Butanone

Concen: 1.987 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.012 min

Lab File: VX036745.D

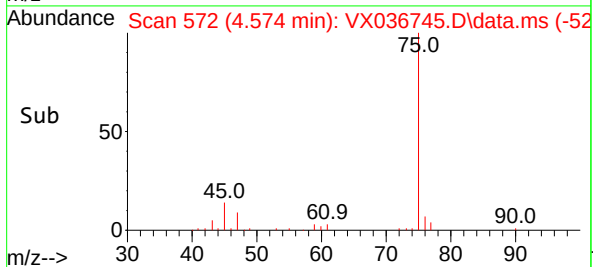
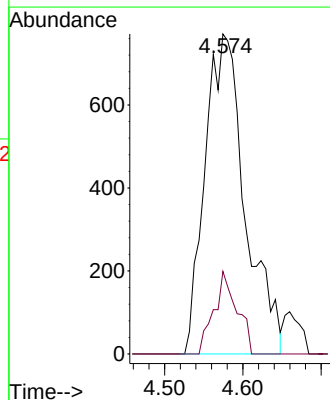
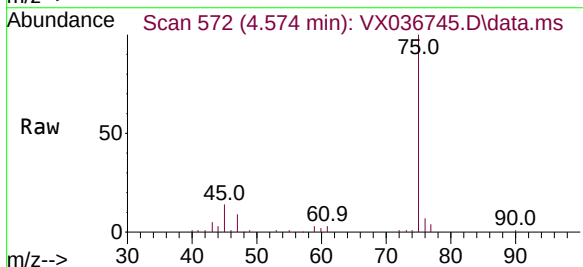
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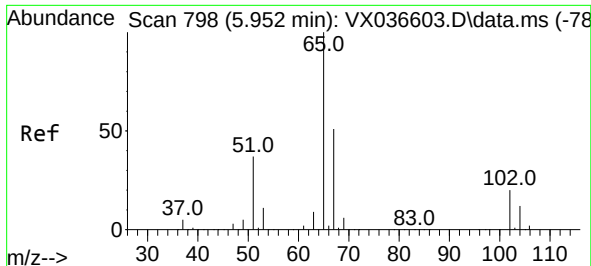
Tgt Ion: 43 Resp: 2745

Ion Ratio Lower Upper

43 100

72 25.8 19.4 29.2

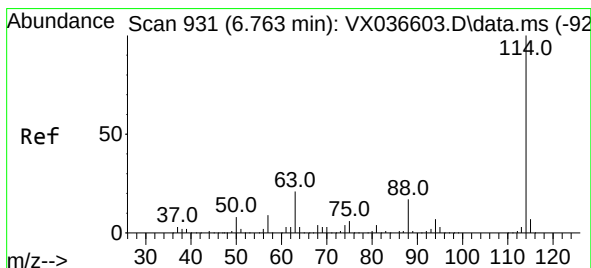
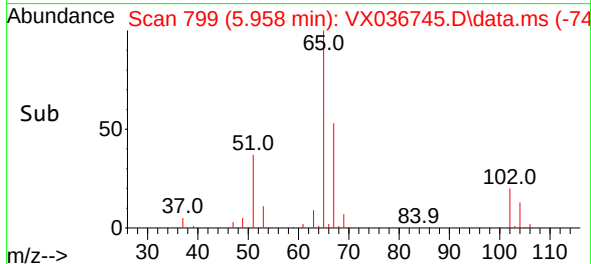
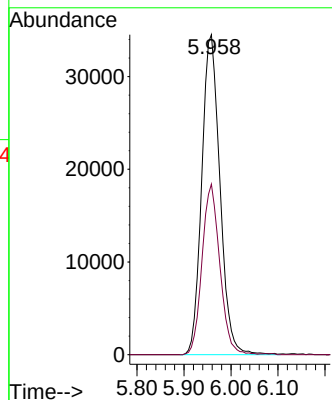
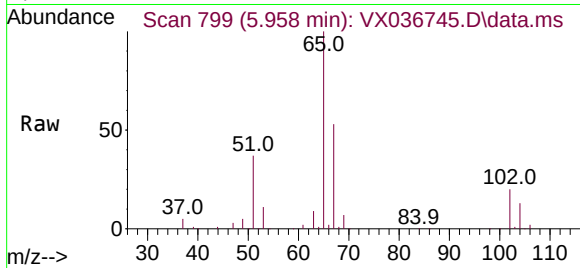




#33
 1,2-Dichloroethane-d4
 Concen: 45.252 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036745.D
 Acq: 01 Aug 2023 13:49

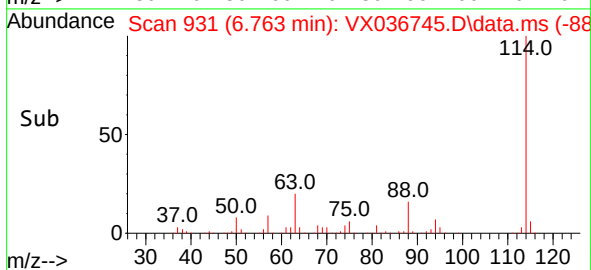
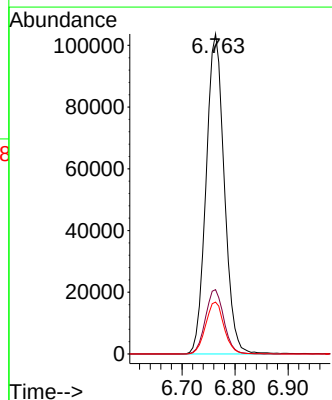
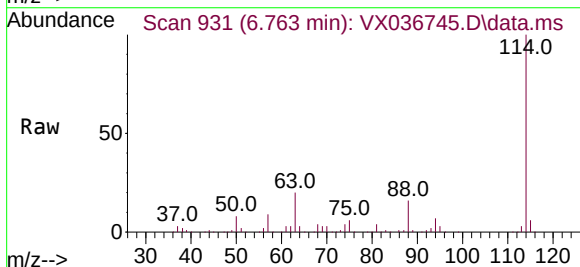
Instrument :
 MSVOA_X
 ClientSampleId :
 1714DL

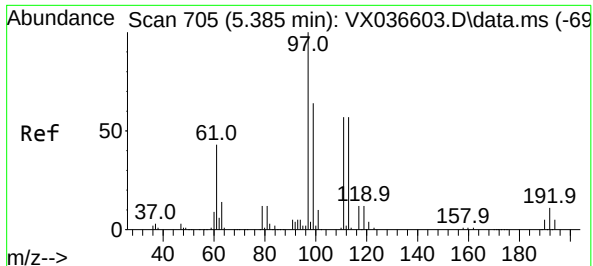
Tgt Ion: 65 Resp: 92837
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036745.D
 Acq: 01 Aug 2023 13:49

Tgt Ion: 114 Resp: 246971
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 45.0
 88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.549 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036745.D

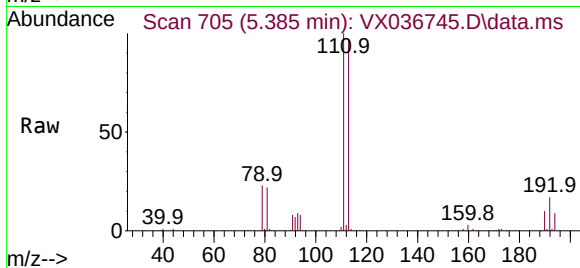
Acq: 01 Aug 2023 13:49

Instrument :

MSVOA_X

ClientSampleId :

1714DL



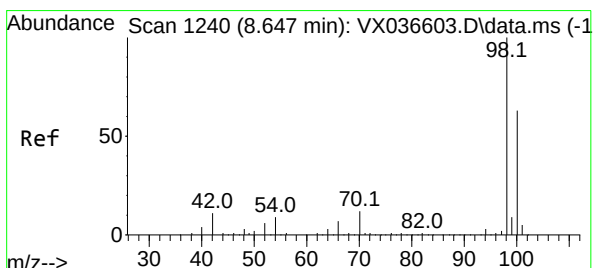
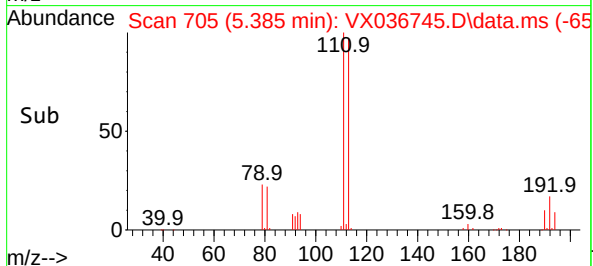
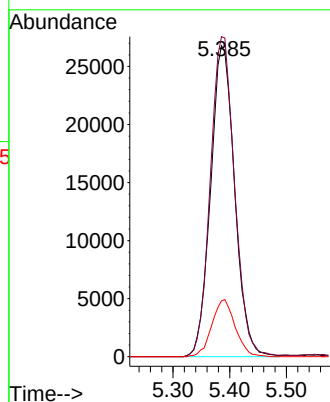
Tgt Ion:113 Resp: 79018

Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

192 17.8 13.3 19.9



#50

Toluene-d8

Concen: 48.790 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036745.D

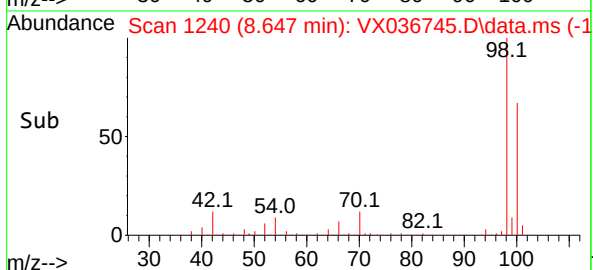
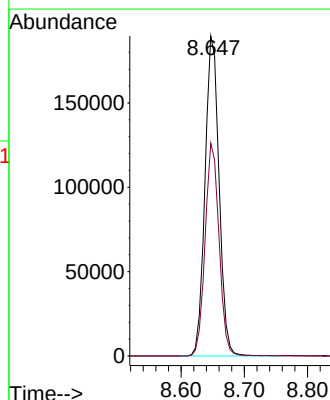
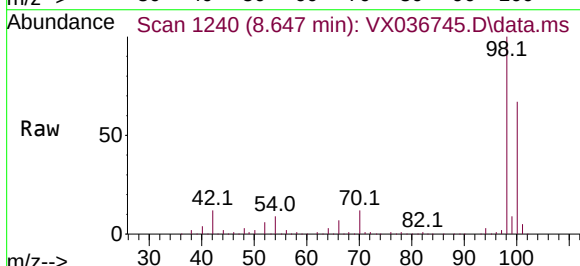
Acq: 01 Aug 2023 13:49

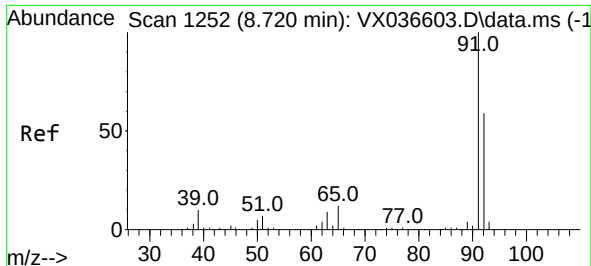
Tgt Ion: 98 Resp: 293709

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7

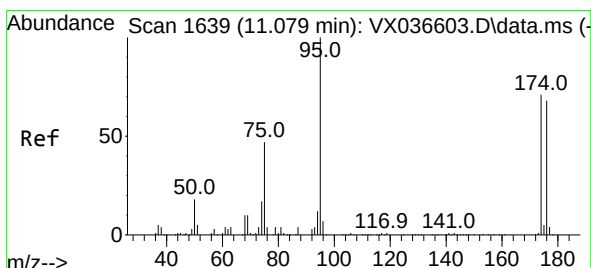
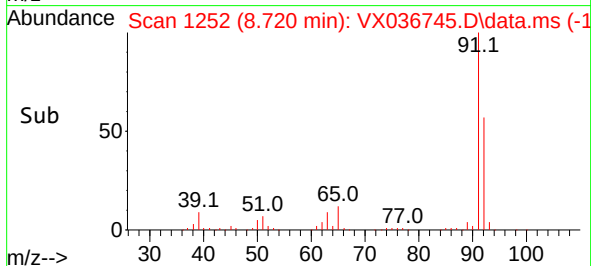
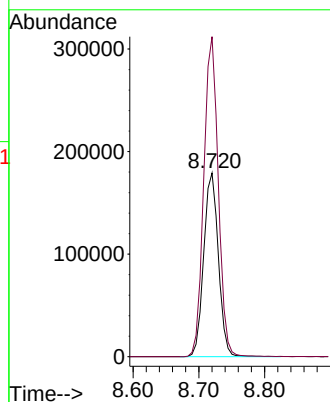
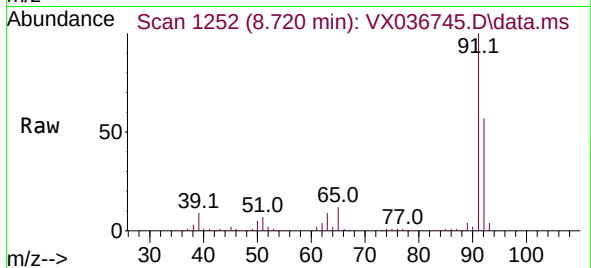




#52
Toluene
Concen: 60.202 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036745.D
Acq: 01 Aug 2023 13:49

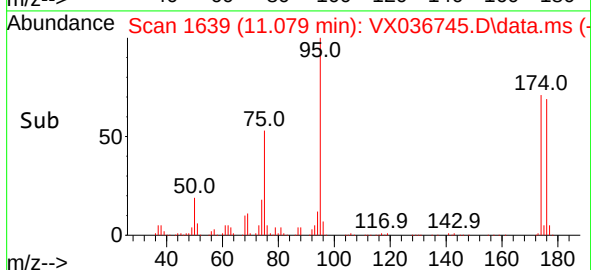
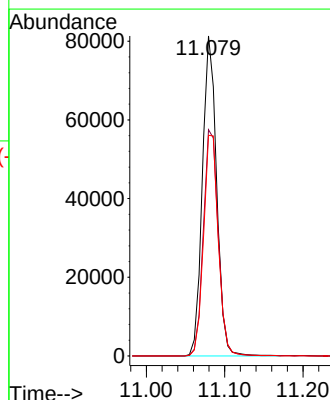
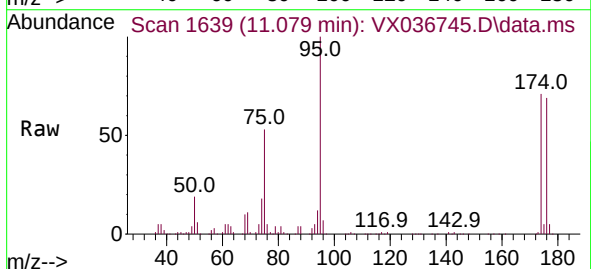
Instrument :
MSVOA_X
ClientSampleId :
1714DL

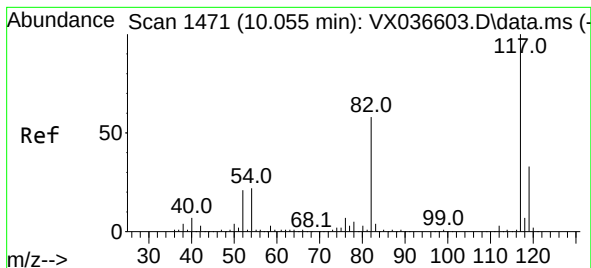
Tgt Ion: 92 Resp: 277684
Ion Ratio Lower Upper
92 100
91 172.5 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 45.268 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036745.D
Acq: 01 Aug 2023 13:49

Tgt Ion: 95 Resp: 102813
Ion Ratio Lower Upper
95 100
174 73.6 0.0 135.6
176 71.6 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: VX036745.D

Acq: 01 Aug 2023 13:49

Instrument :

MSVOA_X

ClientSampleId :

1714DL

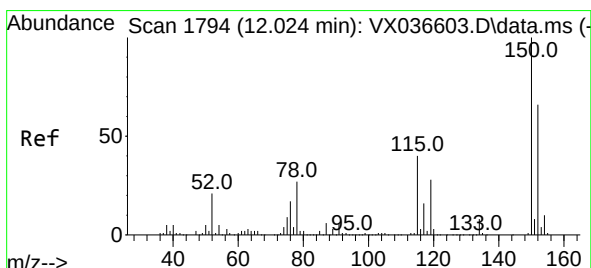
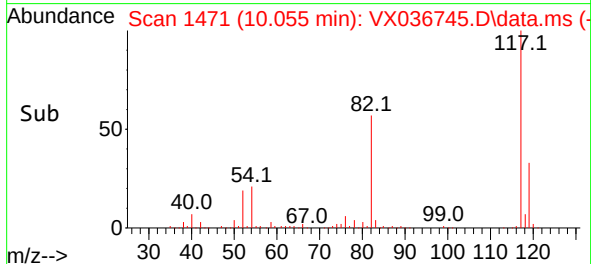
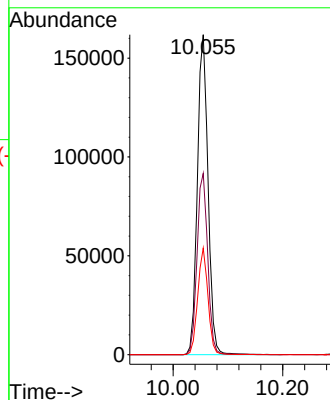
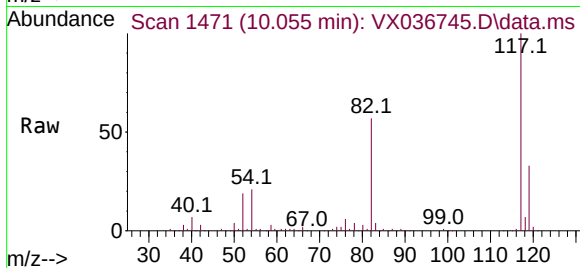
Tgt Ion:117 Resp: 219540

Ion Ratio Lower Upper

117 100

82 56.6 46.2 69.4

119 33.3 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036745.D

Acq: 01 Aug 2023 13:49

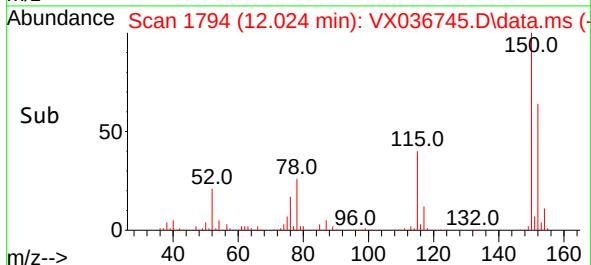
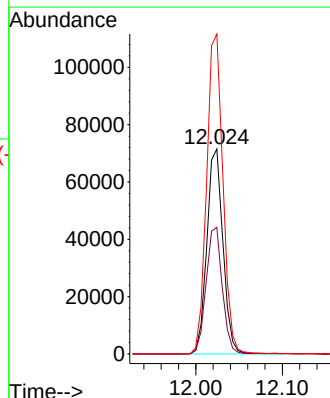
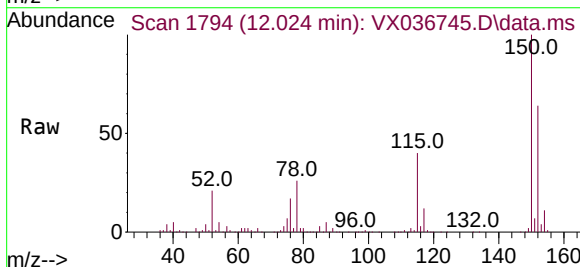
Tgt Ion:152 Resp: 92322

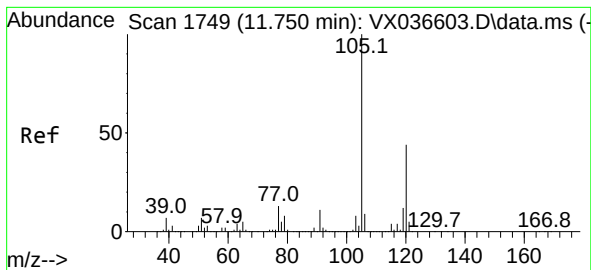
Ion Ratio Lower Upper

152 100

115 62.2 43.3 129.9

150 157.8 0.0 345.0





#84

1,2,4-Trimethylbenzene

Concen: 0.305 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036745.D

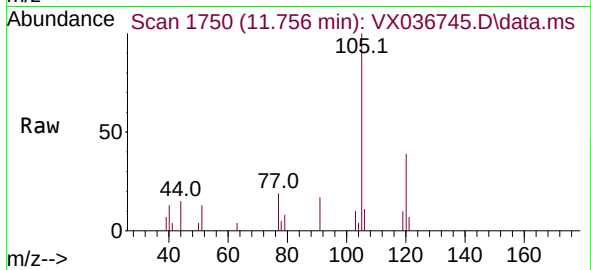
Acq: 01 Aug 2023 13:49

Instrument :

MSVOA_X

ClientSampleId :

1714DL



Tgt Ion:105 Resp: 1951

Ion Ratio Lower Upper

105 100

120 37.6 21.2 63.6

