

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036743.D
 Acq On : 01 Aug 2023 13:01
 Operator : JC/MD
 Sample : 03808-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1712DL

Quant Time: Aug 02 06:24:06 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)

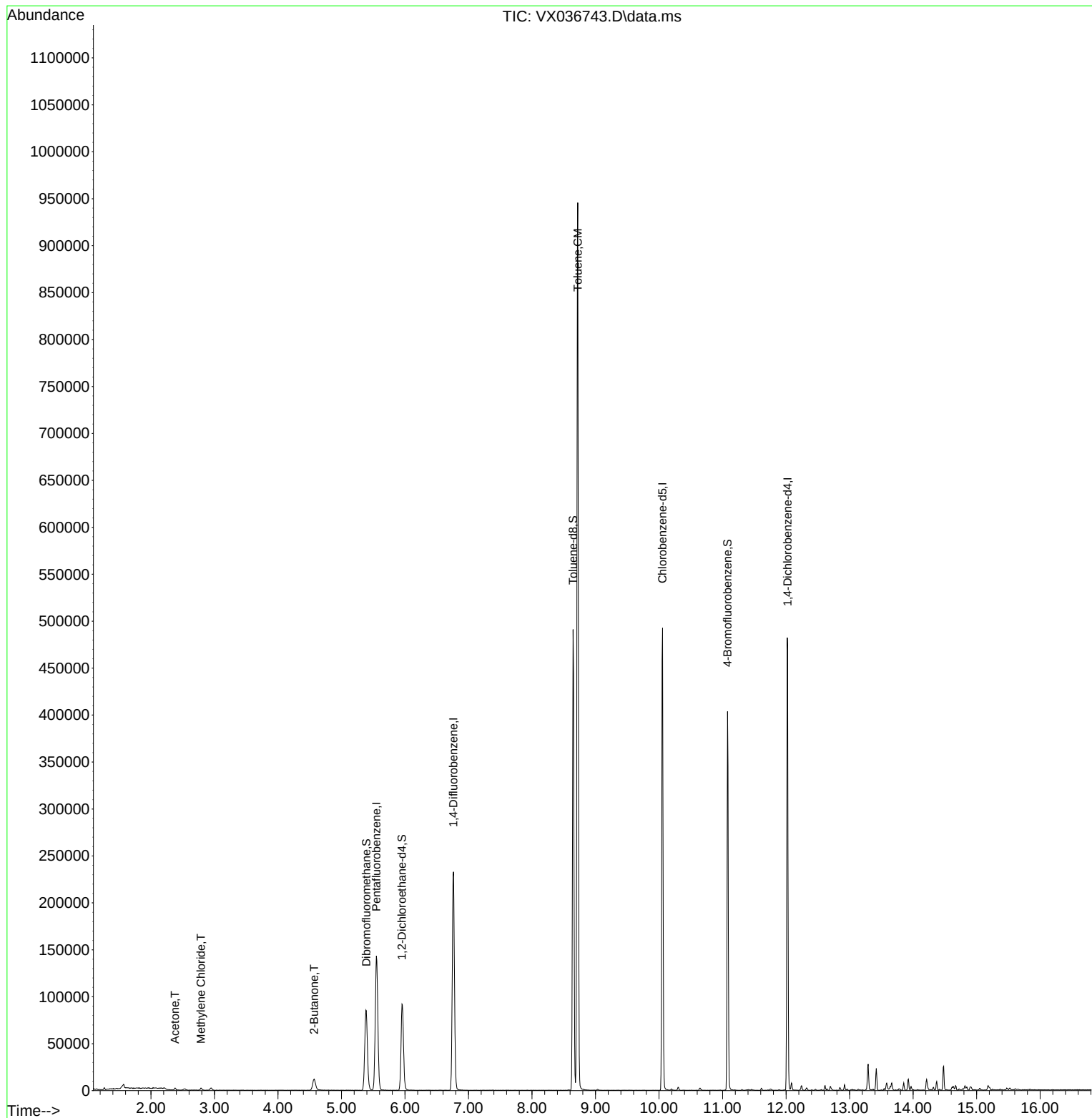
Internal Standards						
1) Pentafluorobenzene	5.550	168	132164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241575	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90105	46.076	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.160%
35) Dibromofluoromethane	5.391	113	77119	46.445	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.880%
50) Toluene-d8	8.647	98	288687	49.027	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.060%
62) 4-Bromofluorobenzene	11.079	95	108575	48.873	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.740%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2374	2.926	ug/l	92
20) Methylene Chloride	2.788	84	1180	0.654	ug/l	94
25) 2-Butanone	4.568	43	1849	1.404	ug/l	98
52) Toluene	8.720	92	359777	79.741	ug/l	98

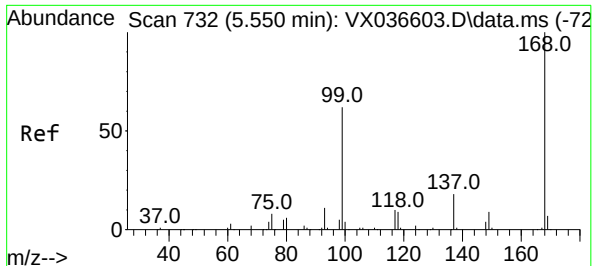
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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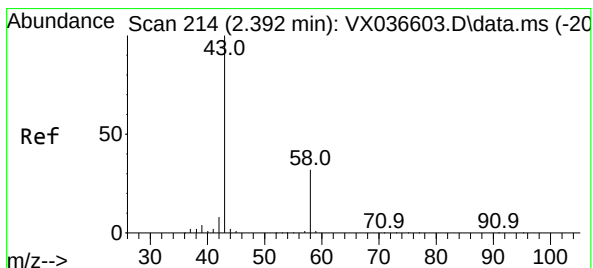
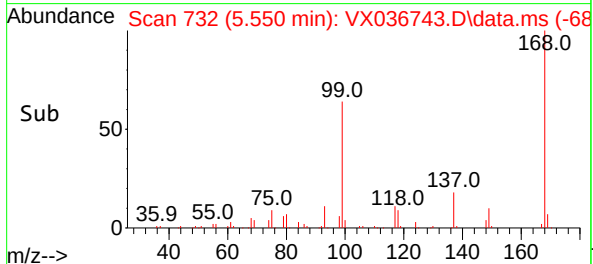
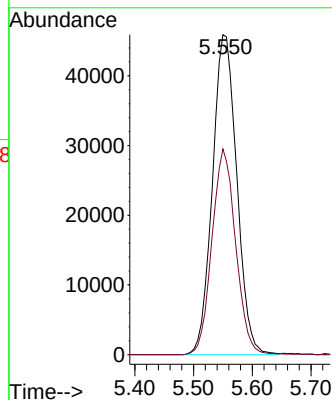
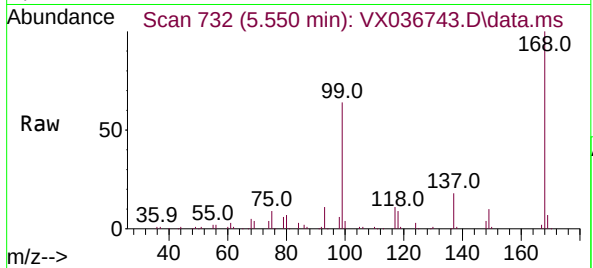




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

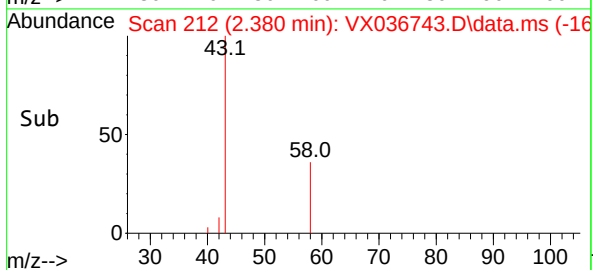
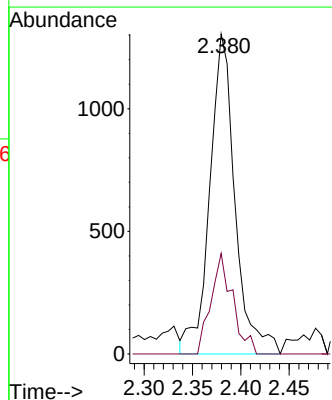
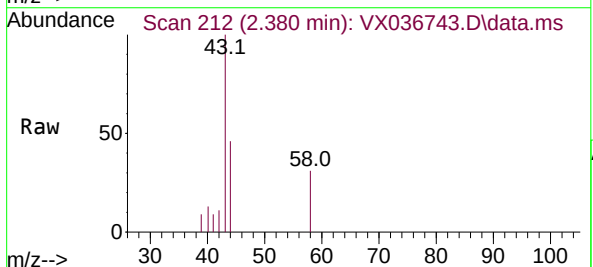
Instrument :
MSVOA_X
ClientSampleId :
1712DL

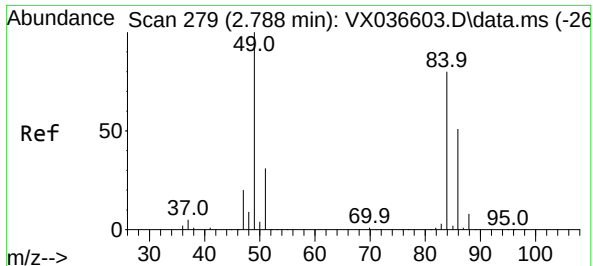
Tgt Ion:168 Resp: 132164
Ion Ratio Lower Upper
168 100
99 64.3 56.6 85.0



#16
Acetone
Concen: 2.926 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

Tgt Ion: 43 Resp: 2374
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9





#20

Methylene Chloride

Concen: 0.654 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036743.D

Acq: 01 Aug 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

1712DL

Tgt Ion: 84 Resp: 1180

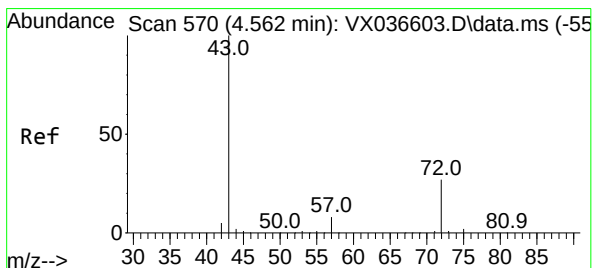
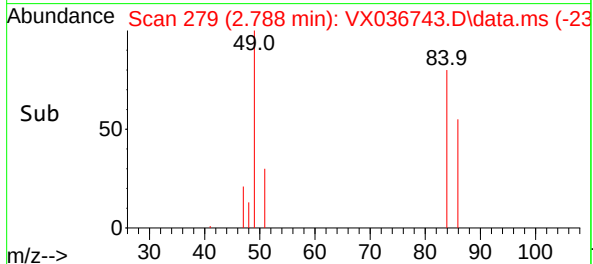
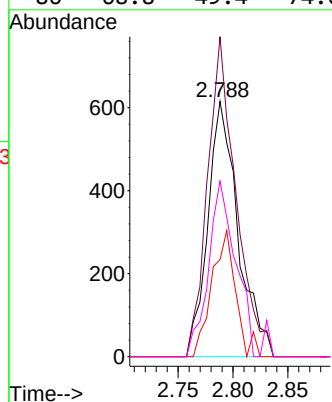
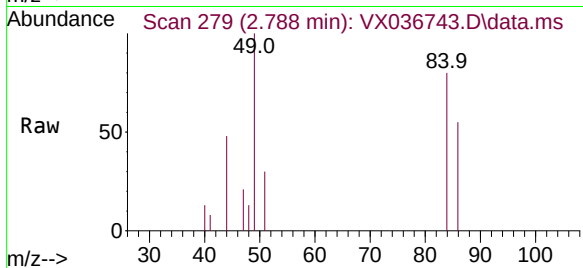
Ion Ratio Lower Upper

84 100

49 125.4 103.6 155.4

51 38.0 33.8 50.6

86 68.8 49.4 74.0



#25

2-Butanone

Concen: 1.404 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX036743.D

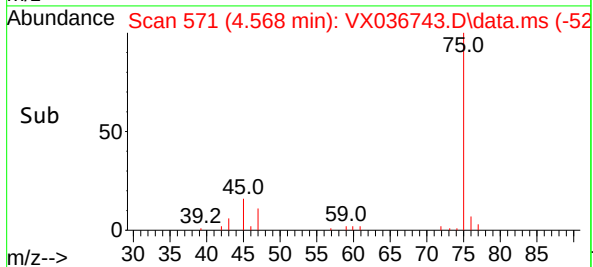
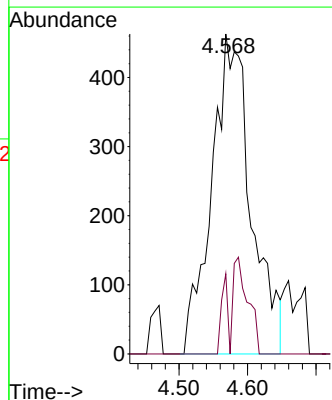
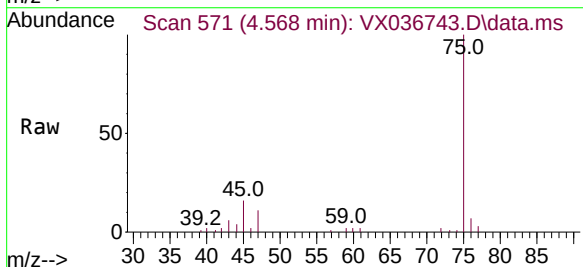
Acq: 01 Aug 2023 13:01

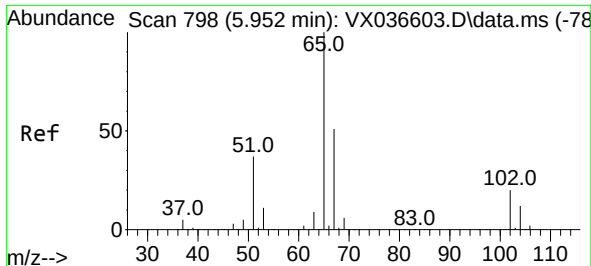
Tgt Ion: 43 Resp: 1849

Ion Ratio Lower Upper

43 100

72 25.1 19.4 29.2

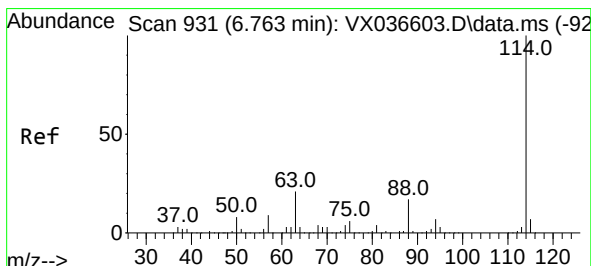
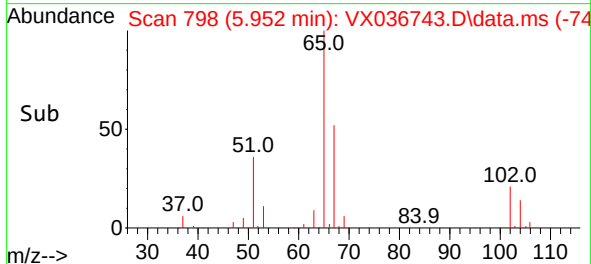
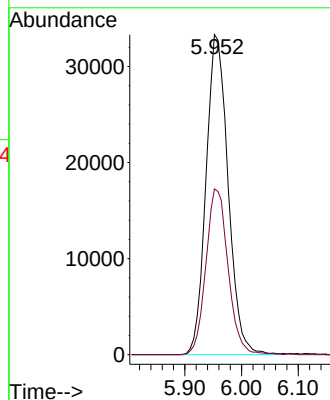
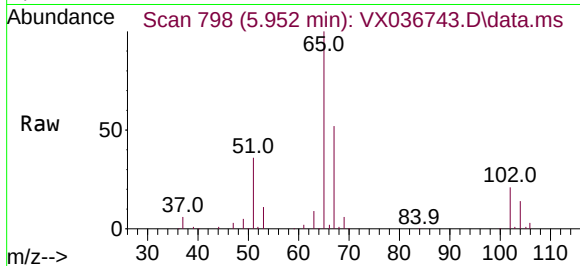




#33
 1,2-Dichloroethane-d4
 Concen: 46.076 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX036743.D
 Acq: 01 Aug 2023 13:01

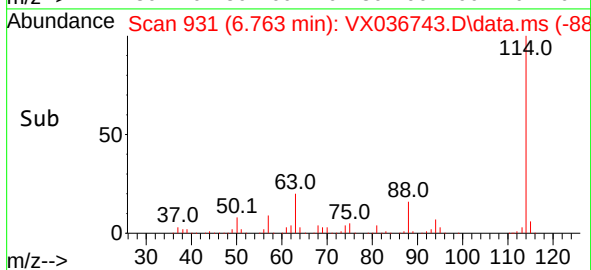
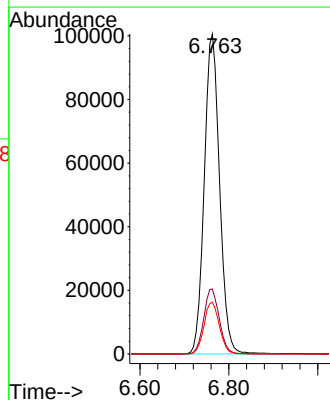
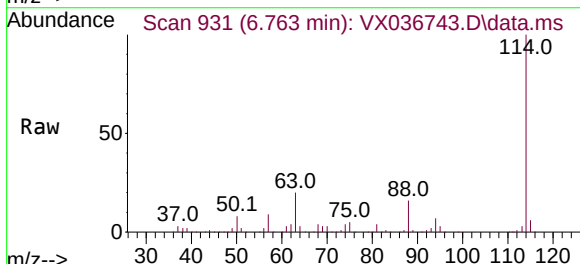
Instrument :
 MSVOA_X
 ClientSampleId :
 1712DL

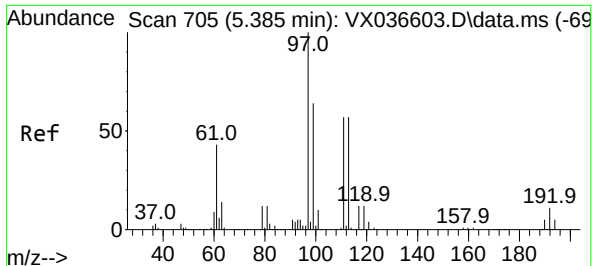
Tgt Ion: 65 Resp: 90105
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036743.D
 Acq: 01 Aug 2023 13:01

Tgt Ion: 114 Resp: 241575
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 45.0
 88 16.2 0.0 36.6

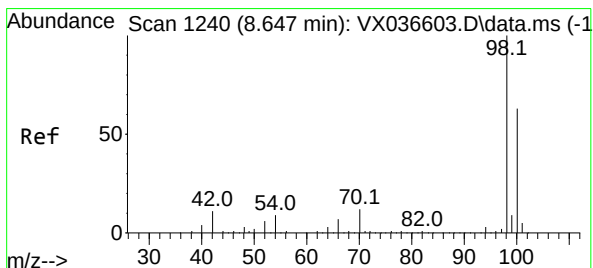
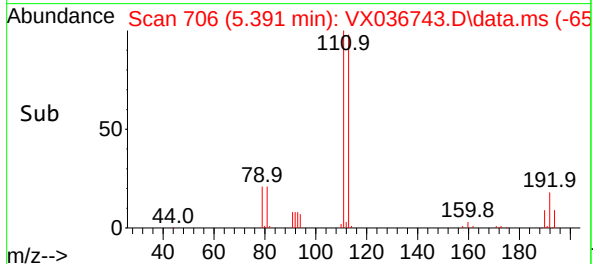
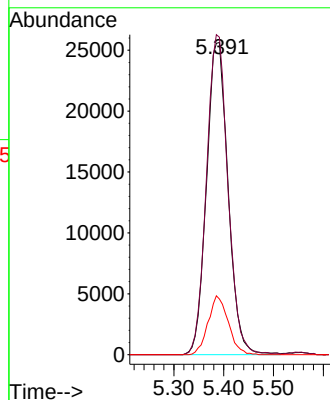
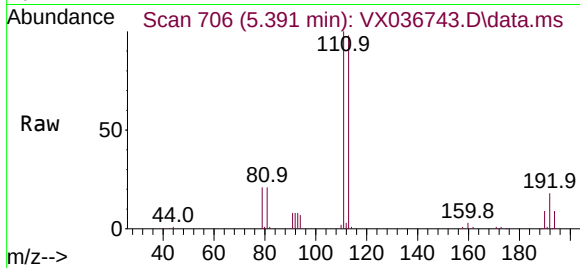




#35
 Dibromofluoromethane
 Concen: 46.445 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX036743.D
 Acq: 01 Aug 2023 13:01

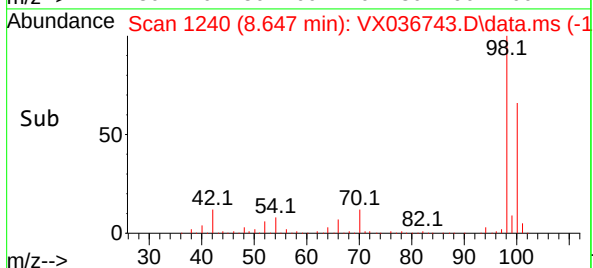
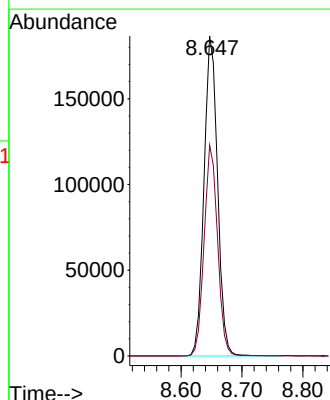
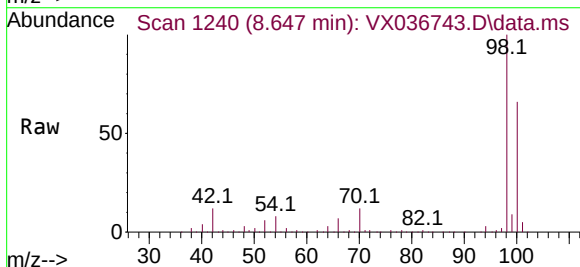
Instrument :
 MSVOA_X
 ClientSampleId :
 1712DL

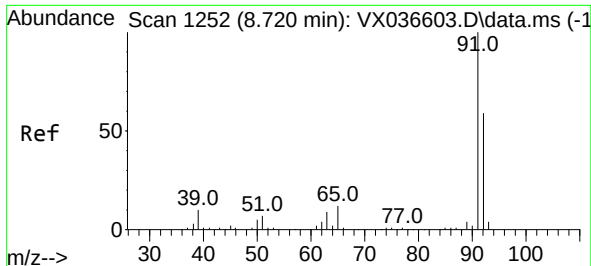
Tgt Ion:113 Resp: 77119
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.9 124.3
 192 17.6 13.3 19.9



#50
 Toluene-d8
 Concen: 49.027 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX036743.D
 Acq: 01 Aug 2023 13:01

Tgt Ion: 98 Resp: 288687
 Ion Ratio Lower Upper
 98 100
 100 65.4 53.1 79.7

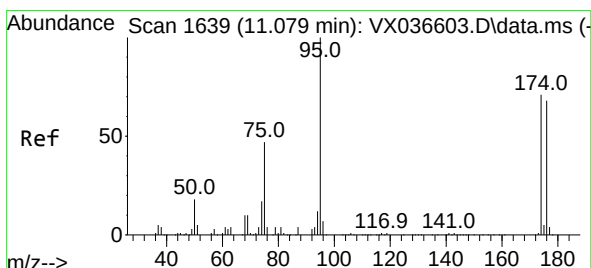
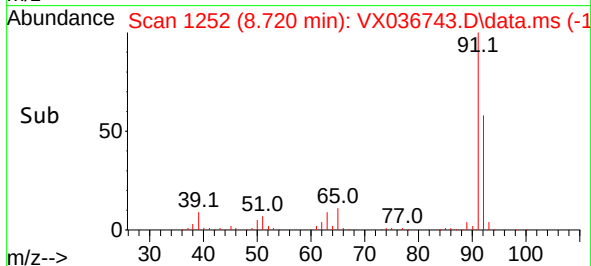
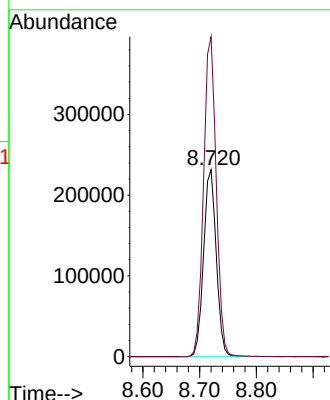
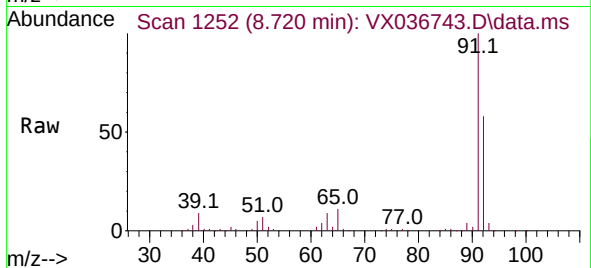




#52
Toluene
Concen: 79.741 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

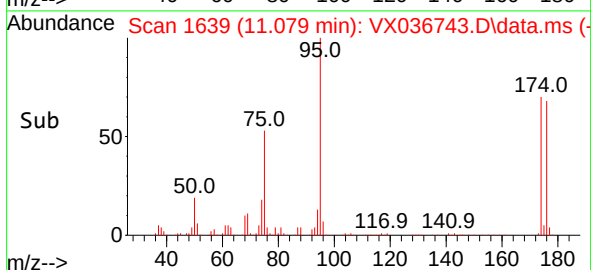
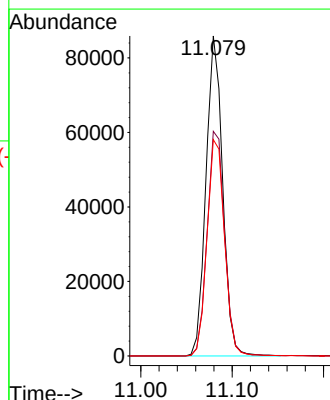
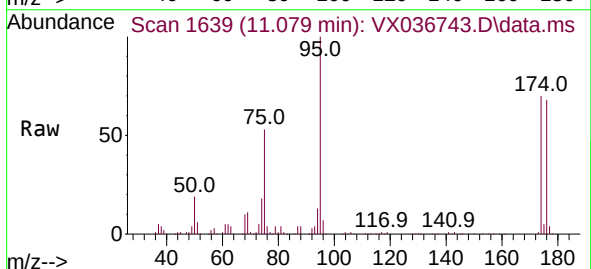
Instrument :
MSVOA_X
ClientSampleId :
1712DL

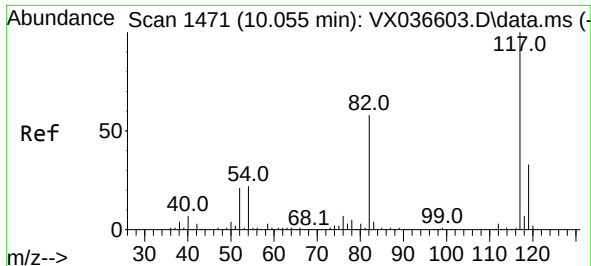
Tgt Ion: 92 Resp: 359777
Ion Ratio Lower Upper
92 100
91 170.9 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 48.873 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

Tgt Ion: 95 Resp: 108575
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 71.1 0.0 131.0

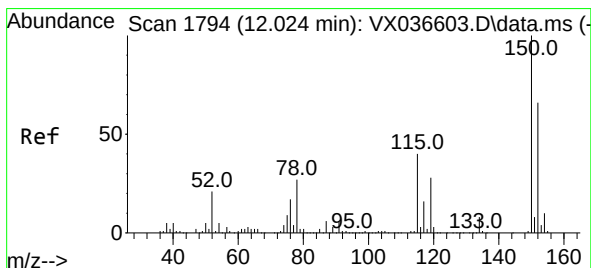
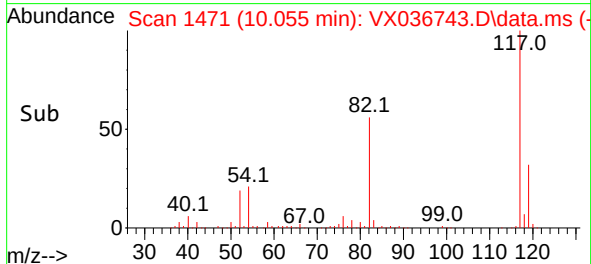
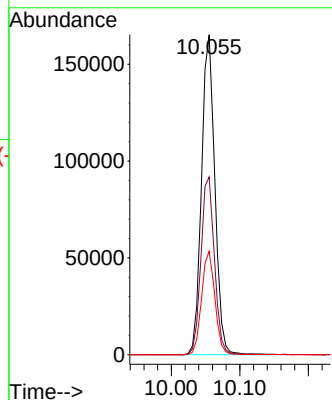
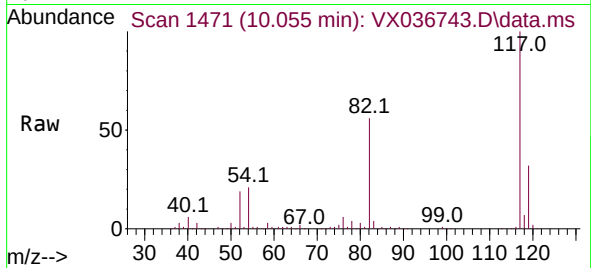




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
1712DL

Tgt Ion:117 Resp: 224223
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.4 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: VX036743.D
Acq: 01 Aug 2023 13:01

Tgt Ion:152 Resp: 100704
Ion Ratio Lower Upper
152 100
115 61.0 43.3 129.9
150 155.3 0.0 345.0

