

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036726.D
 Acq On : 31 Jul 2023 17:35
 Operator : JC/MD
 Sample : 03808-04DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1711DL

Quant Time: Aug 01 04:40:10 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)

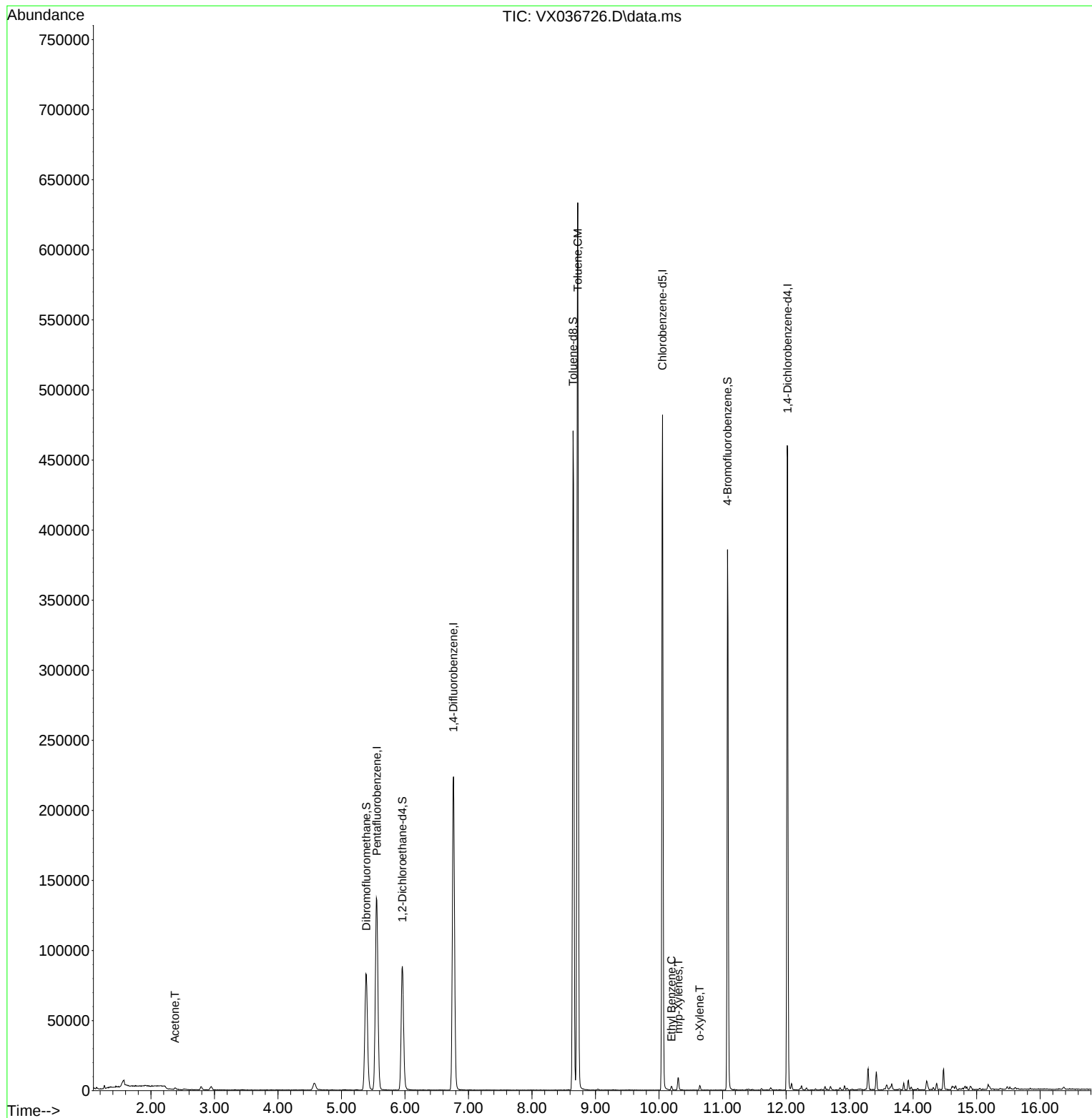
Internal Standards						
1) Pentafluorobenzene	5.556	168	127915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230962	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85701	45.280	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.560%
35) Dibromofluoromethane	5.391	113	73452	46.269	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	8.647	98	277274	49.252	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.500%
62) 4-Bromofluorobenzene	11.079	95	103645	48.798	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.600%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1501	1.911	ug/l #	80
52) Toluene	8.720	92	241374	55.957	ug/l	97
67) Ethyl Benzene	10.195	91	1806	0.210	ug/l	96
68) m/p-Xylenes	10.305	106	2314	0.722	ug/l	98
69) o-Xylene	10.640	106	827	0.258	ug/l	92

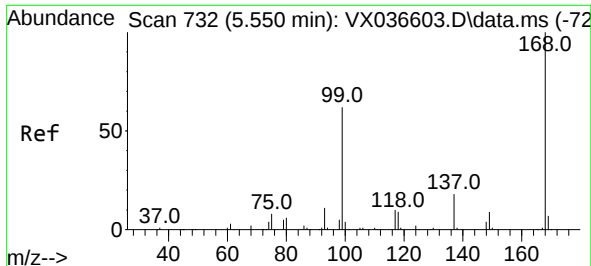
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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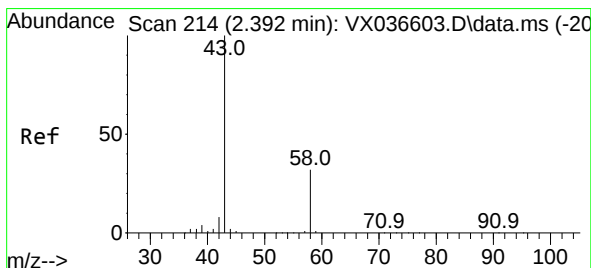
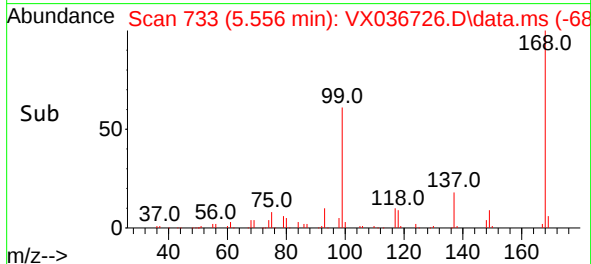
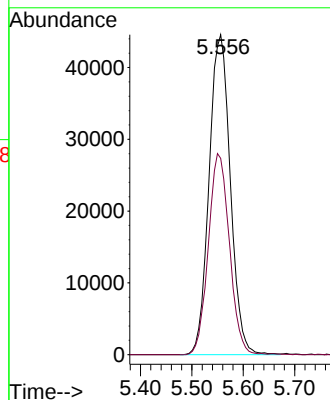
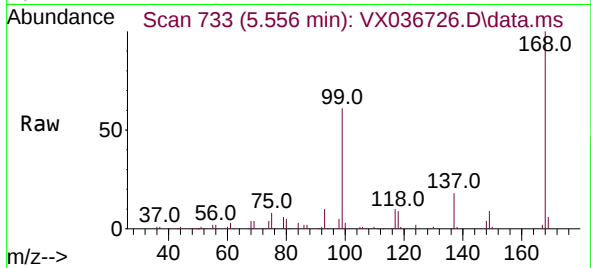




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

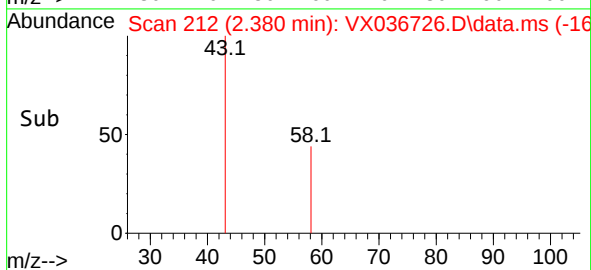
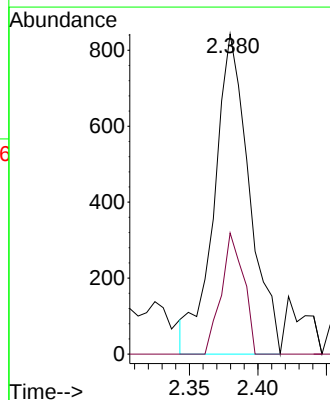
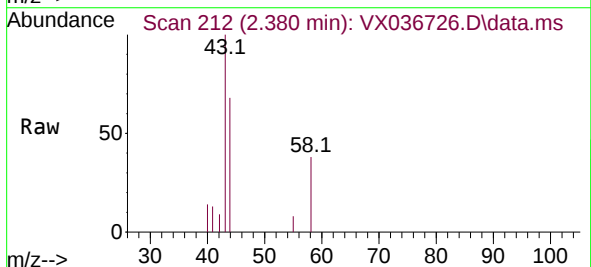
Instrument :
MSVOA_X
ClientSampleId :
1711DL

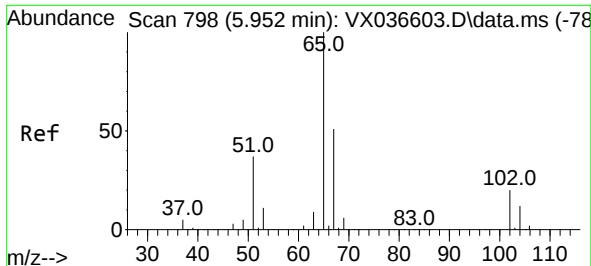
Tgt Ion:168 Resp: 127915
Ion Ratio Lower Upper
168 100
99 61.4 56.6 85.0



#16
Acetone
Concen: 1.911 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

Tgt Ion: 43 Resp: 1501
Ion Ratio Lower Upper
43 100
58 37.8 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 45.280 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036726.D

Acq: 31 Jul 2023 17:35

Instrument :

MSVOA_X

ClientSampleId :

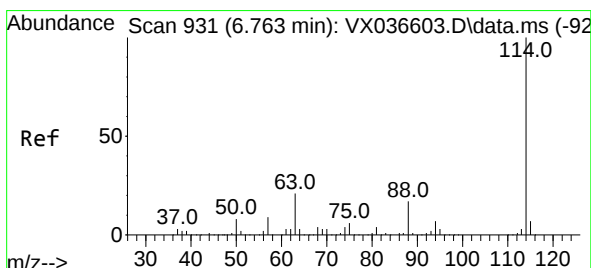
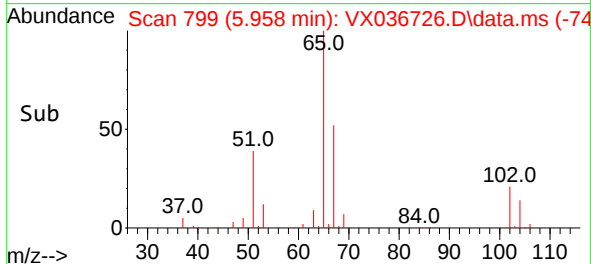
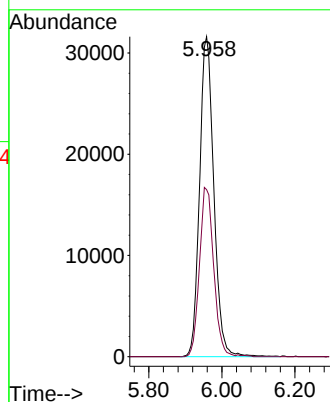
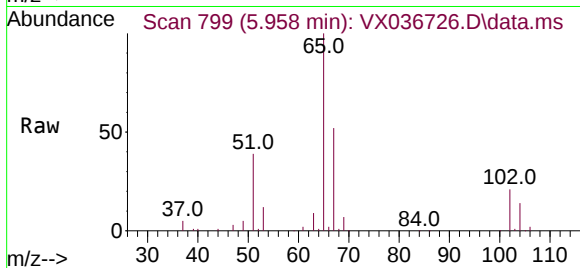
1711DL

Tgt Ion: 65 Resp: 85701

Ion Ratio Lower Upper

65 100

67 52.8 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: VX036726.D

Acq: 31 Jul 2023 17:35

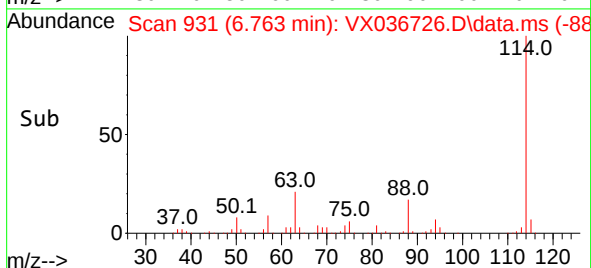
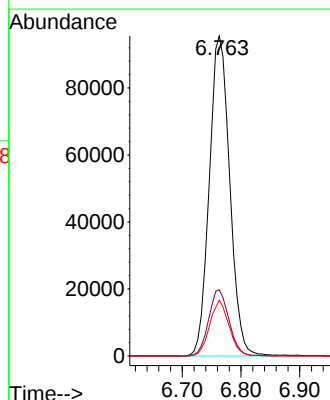
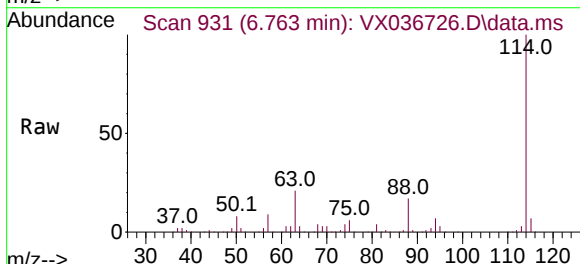
Tgt Ion: 114 Resp: 230962

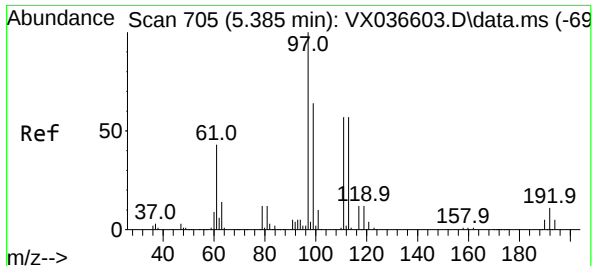
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 17.4 0.0 36.6

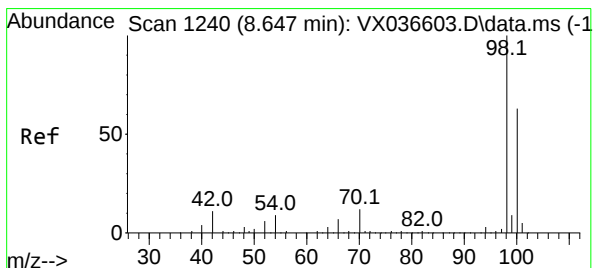
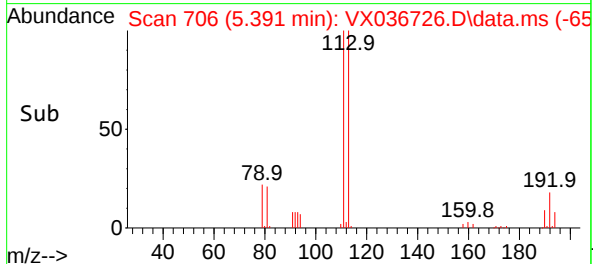
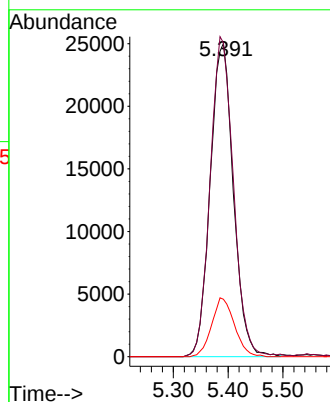
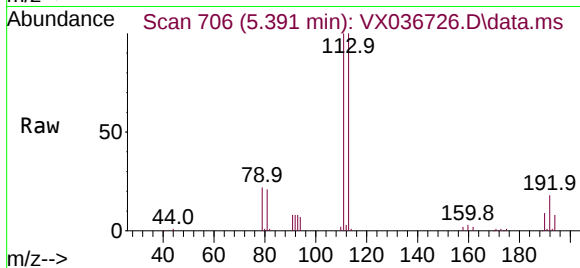




#35
Dibromofluoromethane
Concen: 46.269 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

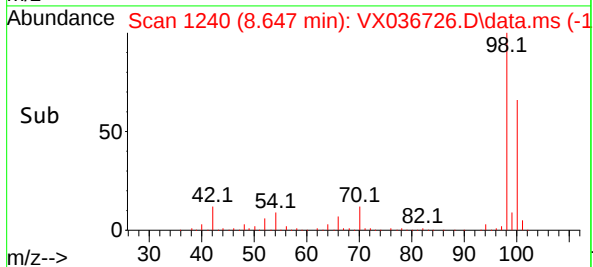
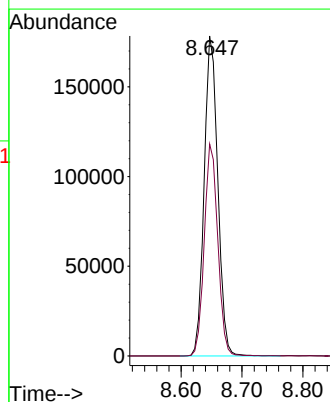
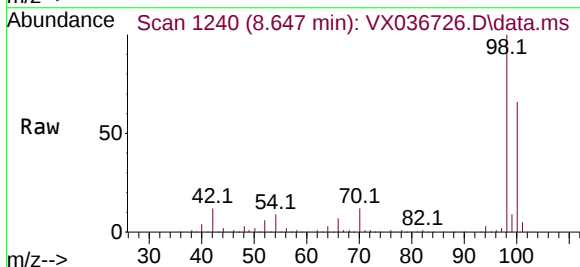
Instrument :
MSVOA_X
ClientSampleId :
1711DL

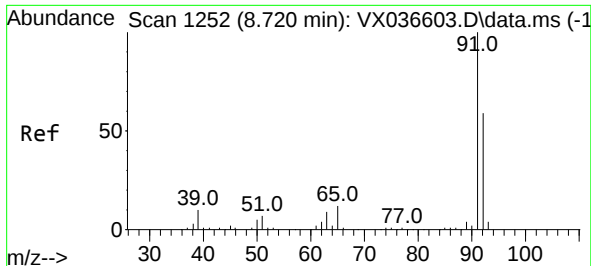
Tgt Ion:113 Resp: 73452
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.5 13.3 19.9



#50
Toluene-d8
Concen: 49.252 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

Tgt Ion: 98 Resp: 277274
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

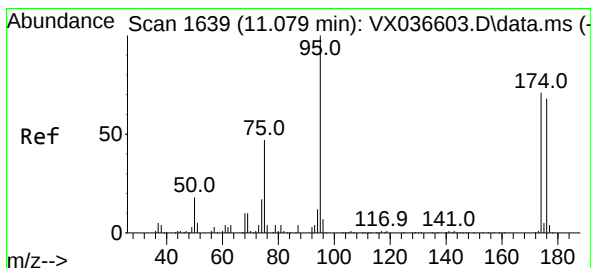
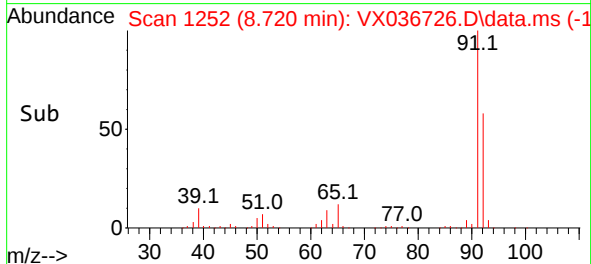
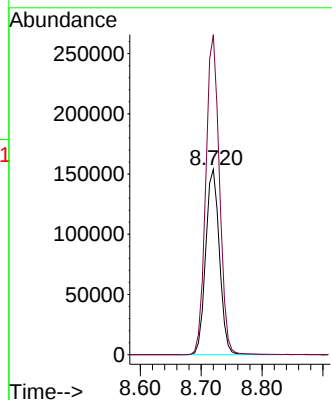
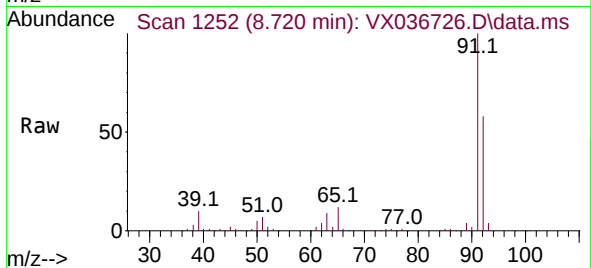




#52
Toluene
Concen: 55.957 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

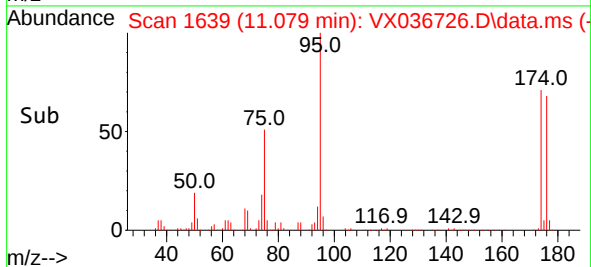
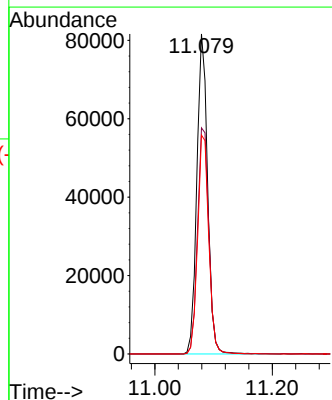
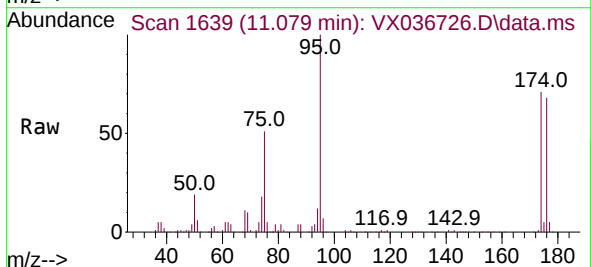
Instrument :
MSVOA_X
ClientSampleId :
1711DL

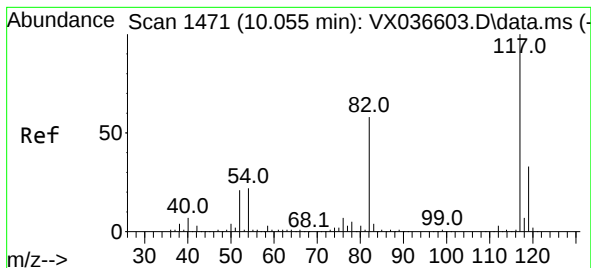
Tgt Ion: 92 Resp: 241374
Ion Ratio Lower Upper
92 100
91 171.3 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 48.798 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036726.D
Acq: 31 Jul 2023 17:35

Tgt Ion: 95 Resp: 103645
Ion Ratio Lower Upper
95 100
174 74.4 0.0 135.6
176 70.8 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: VX036726.D

Acq: 31 Jul 2023 17:35

Instrument :

MSVOA_X

ClientSampleId :

1711DL

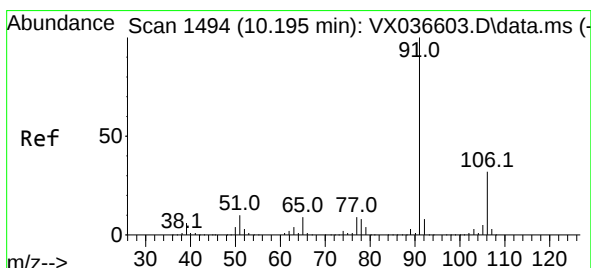
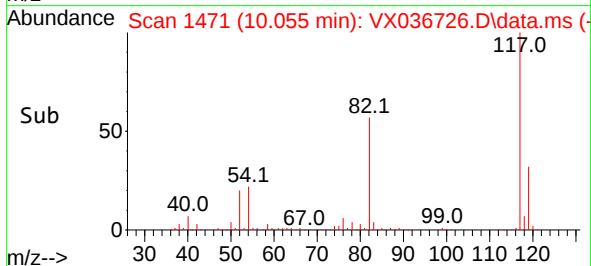
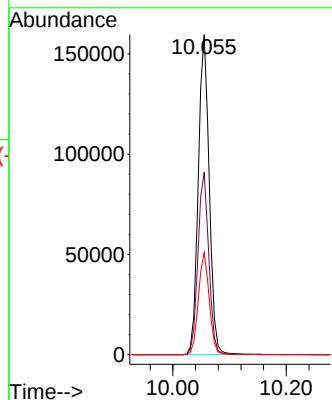
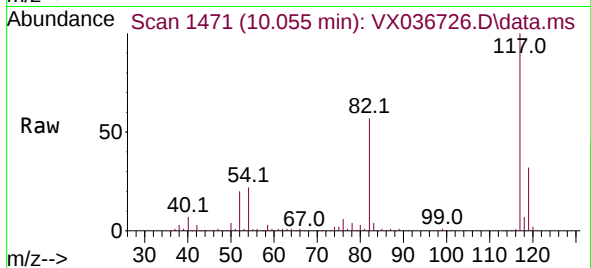
Tgt Ion:117 Resp: 213376

Ion Ratio Lower Upper

117 100

82 57.0 46.2 69.4

119 32.0 25.5 38.3



#67

Ethyl Benzene

Concen: 0.210 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX036726.D

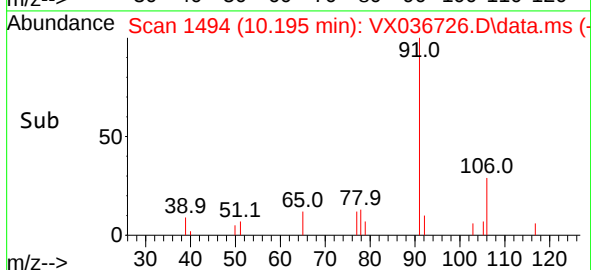
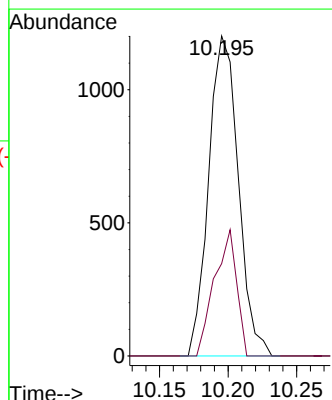
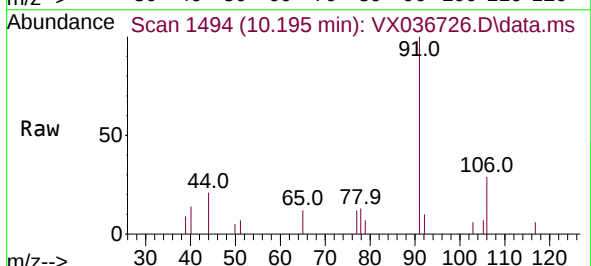
Acq: 31 Jul 2023 17:35

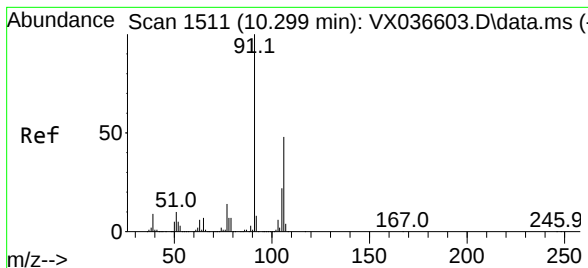
Tgt Ion: 91 Resp: 1806

Ion Ratio Lower Upper

91 100

106 28.9 24.9 37.3





#68

m/p-Xylenes

Concen: 0.722 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX036726.D

Acq: 31 Jul 2023 17:35

Instrument :

MSVOA_X

ClientSampleId :

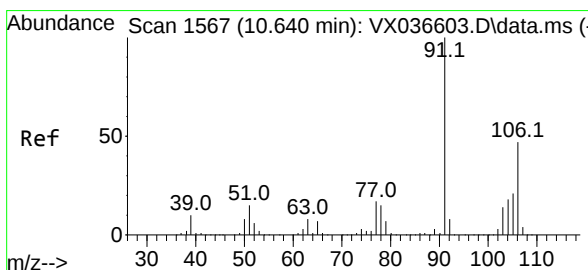
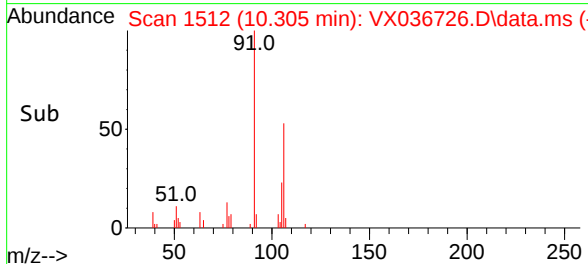
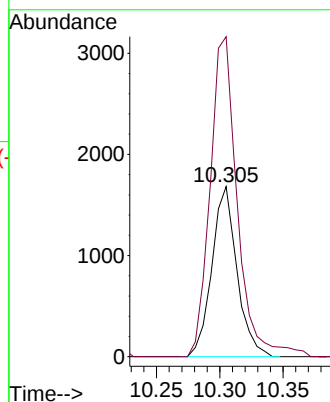
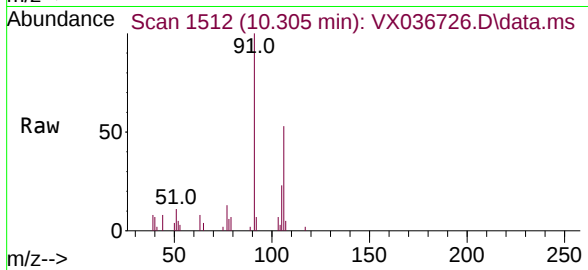
1711DL

Tgt Ion:106 Resp: 2314

Ion Ratio Lower Upper

106 100

91 204.4 165.5 248.3



#69

o-Xylene

Concen: 0.258 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036726.D

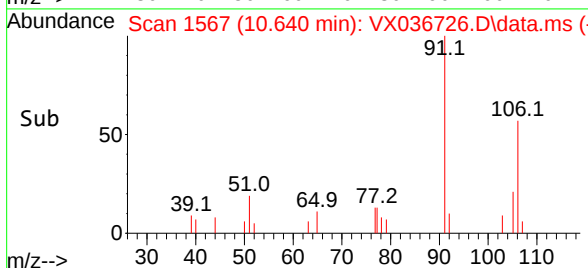
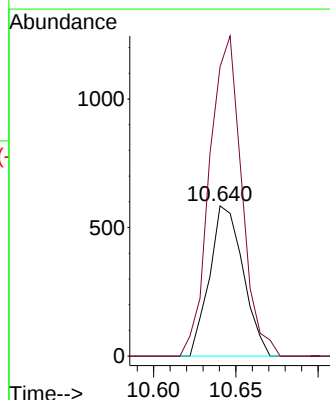
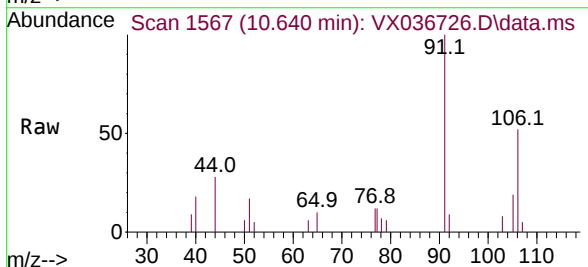
Acq: 31 Jul 2023 17:35

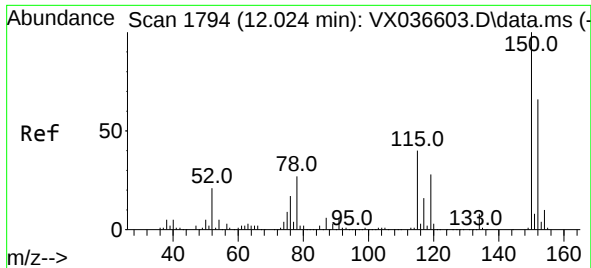
Tgt Ion:106 Resp: 827

Ion Ratio Lower Upper

106 100

91 204.8 108.9 326.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036726.D
 Acq: 31 Jul 2023 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 1711DL

Tgt Ion:152 Resp: 94710
 Ion Ratio Lower Upper
 152 100
 115 61.3 43.3 129.9
 150 157.6 0.0 345.0

