

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012924\
 Data File : VX040003.D
 Acq On : 29 Jan 2024 17:52
 Operator : JC/MD
 Sample : P1258-04 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-1

Quant Time: Jan 30 02:49:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

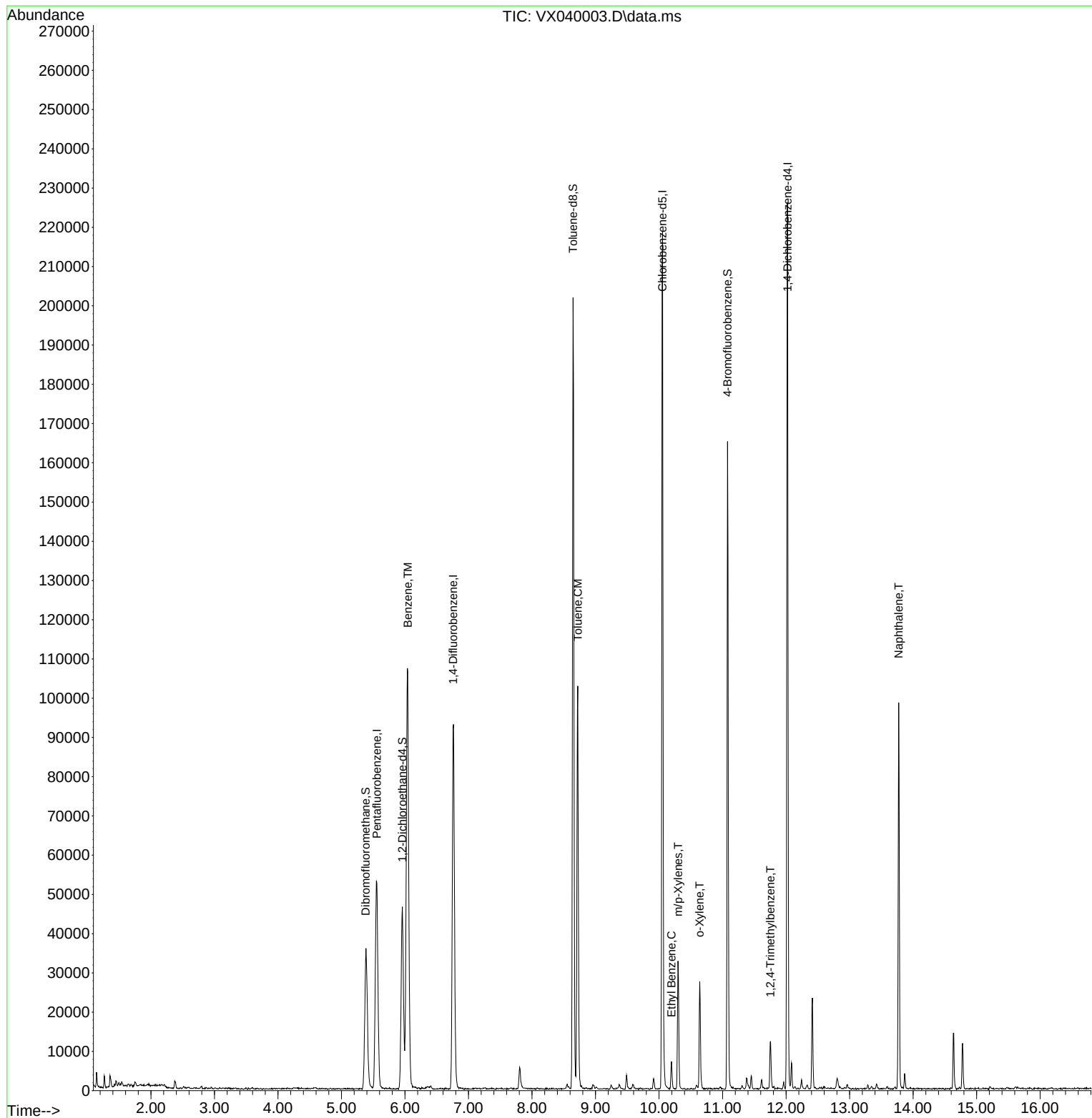
Internal Standards						
1) Pentafluorobenzene	5.556	168	45257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	86910	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	85305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41071	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	40922	53.978	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.960%	
35) Dibromofluoromethane	5.379	113	30053	51.340	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.680%	
50) Toluene-d8	8.647	98	110072	49.856	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.720%	
62) 4-Bromofluorobenzene	11.079	95	39922	46.241	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.480%	
Target Compounds						
					Qvalue	
40) Benzene	6.044	78	123778	47.974	ug/l	94
52) Toluene	8.720	92	35804	23.233	ug/l	92
67) Ethyl Benzene	10.195	91	3932	1.192	ug/l	94
68) m/p-Xylenes	10.299	106	7149	5.893	ug/l	92
69) o-Xylene	10.640	106	5170	4.303	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	5253	1.896	ug/l	89
95) Naphthalene	13.774	128	55393	17.846	ug/l	98

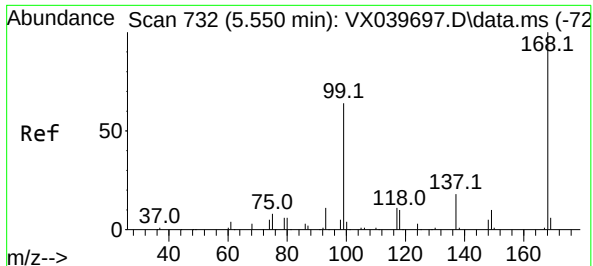
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012924\
Data File : VX040003.D
Acq On : 29 Jan 2024 17:52
Operator : JC/MD
Sample : P1258-04 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S-1

Quant Time: Jan 30 02:49:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

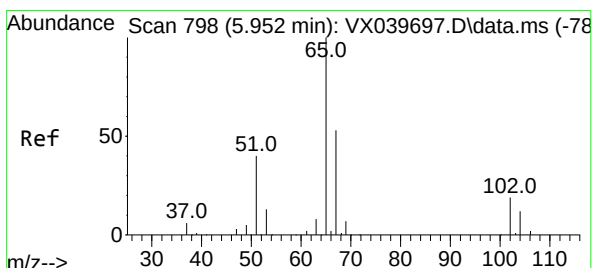
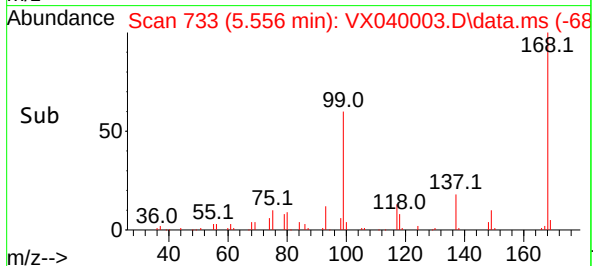
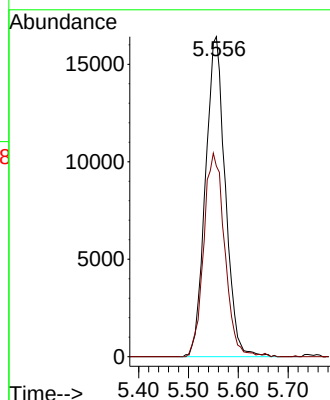
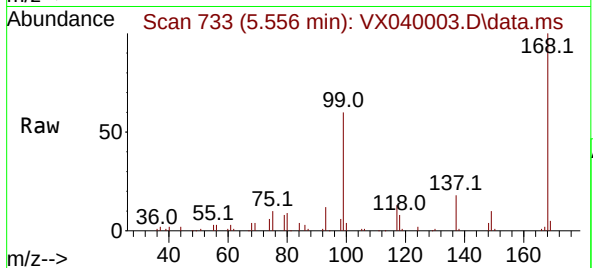




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX040003.D
Acq: 29 Jan 2024 17:52

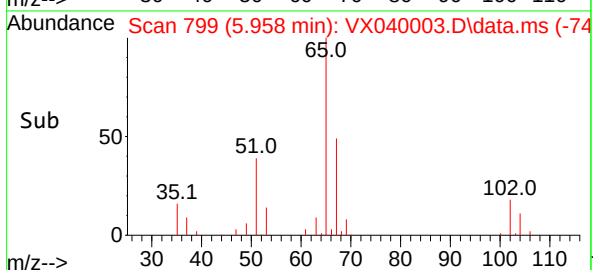
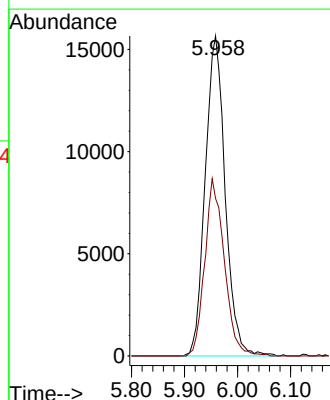
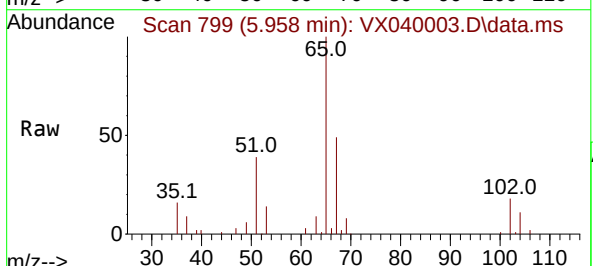
Instrument :
MSVOA_X
ClientSampleId :
S-1

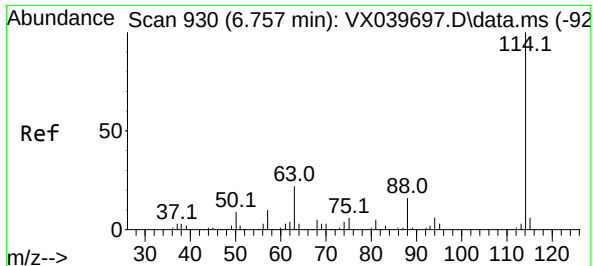
Tgt Ion:168 Resp: 45257
Ion Ratio Lower Upper
168 100
99 59.5 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 53.978 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040003.D
Acq: 29 Jan 2024 17:52

Tgt Ion: 65 Resp: 40922
Ion Ratio Lower Upper
65 100
67 54.3 0.0 100.2

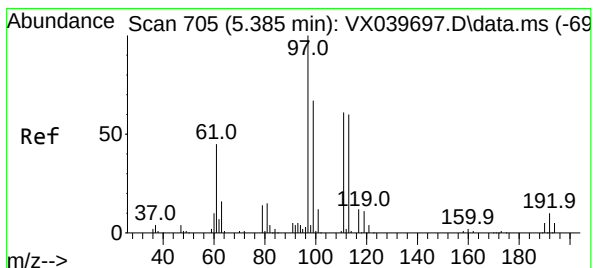
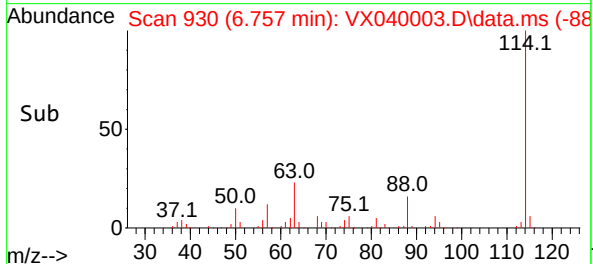
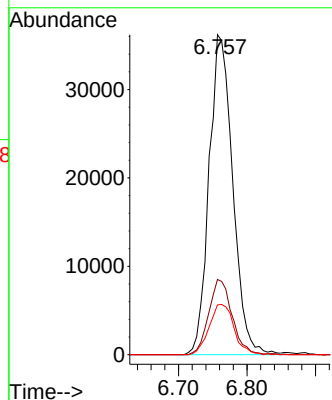
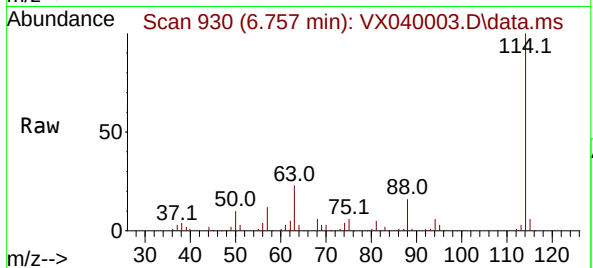




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040003.D
Acq: 29 Jan 2024 17:52

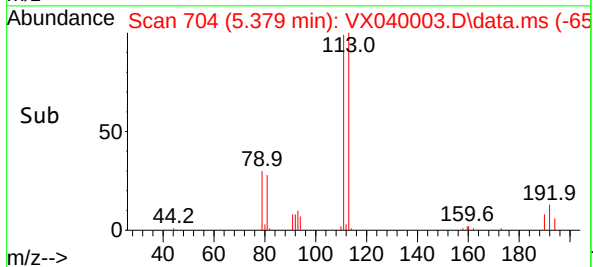
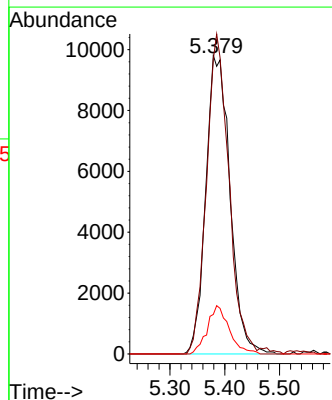
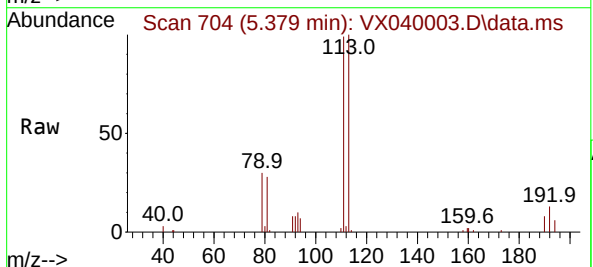
Instrument :
MSVOA_X
ClientSampleId :
S-1

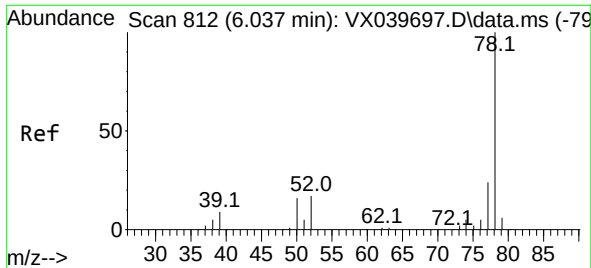
Tgt Ion:114 Resp: 86910
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.340 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040003.D
Acq: 29 Jan 2024 17:52

Tgt Ion:113 Resp: 30053
Ion Ratio Lower Upper
113 100
111 99.3 82.9 124.3
192 14.7 13.3 19.9

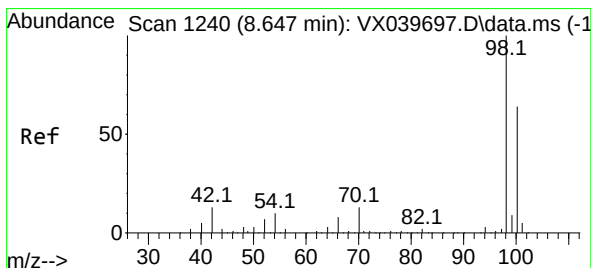
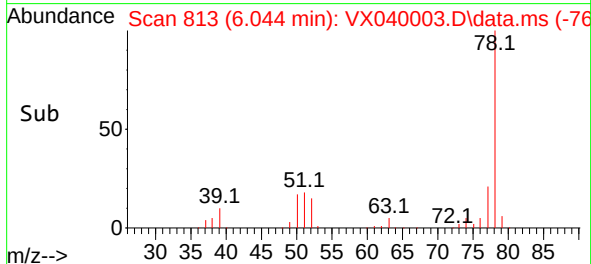
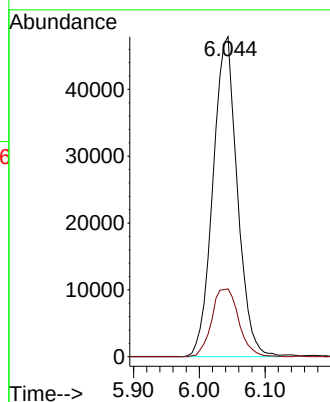
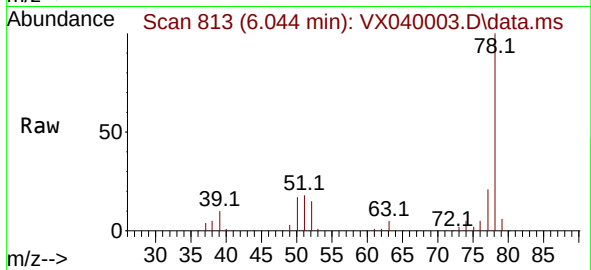




#40
Benzene
Concen: 47.974 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX040003.D
Acq: 29 Jan 2024 17:52

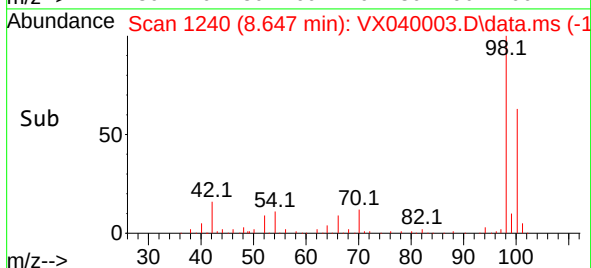
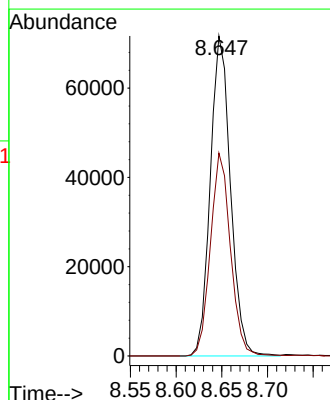
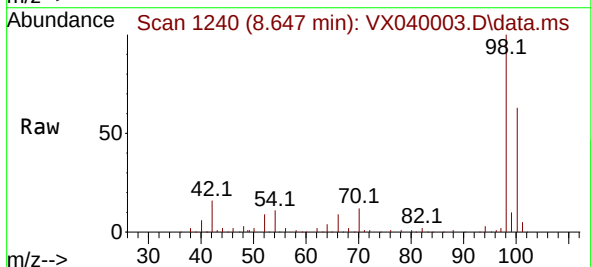
Instrument :
MSVOA_X
ClientSampleId :
S-1

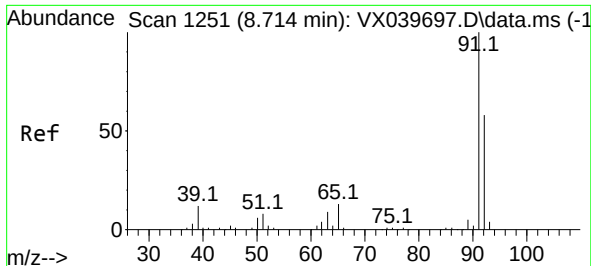
Tgt Ion: 78 Resp: 123778
Ion Ratio Lower Upper
78 100
77 21.2 19.3 28.9



#50
Toluene-d8
Concen: 49.856 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040003.D
Acq: 29 Jan 2024 17:52

Tgt Ion: 98 Resp: 110072
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7

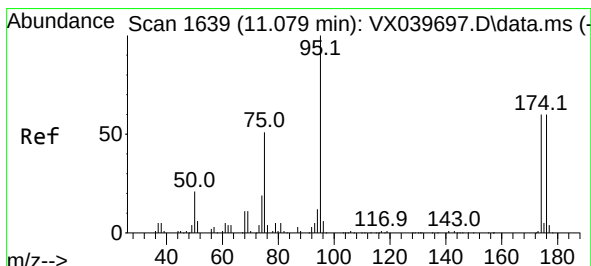
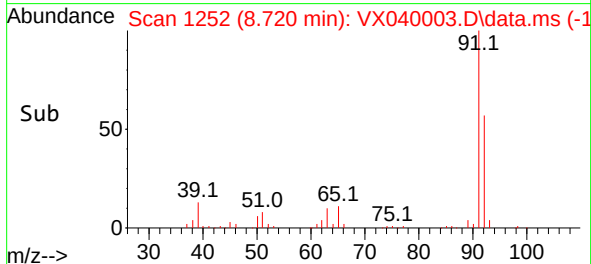
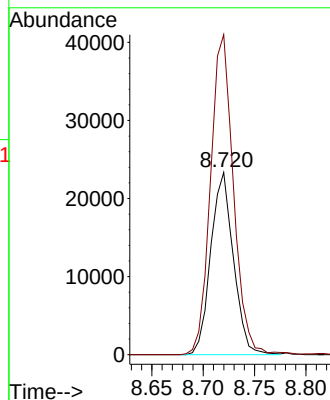
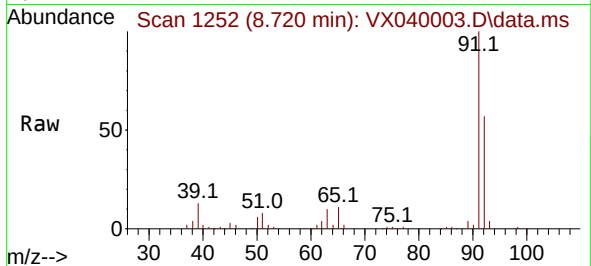




#52
Toluene
Concen: 23.233 ug/l
RT: 8.720 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VX040003.D
Acq: 29 Jan 2024 17:52

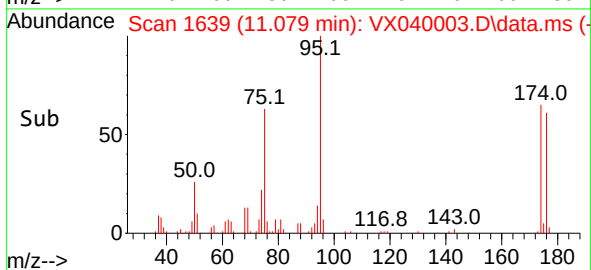
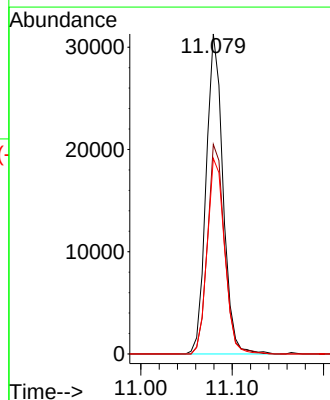
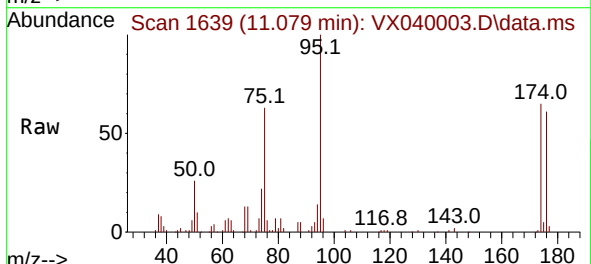
Instrument :
MSVOA_X
ClientSampleId :
S-1

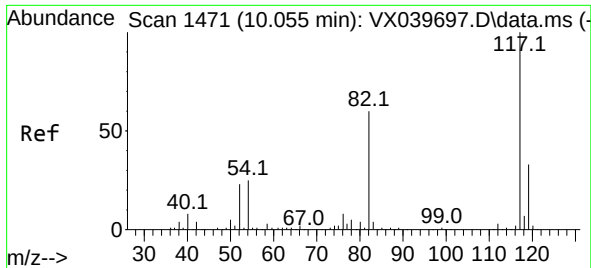
Tgt Ion: 92 Resp: 35804
Ion Ratio Lower Upper
92 100
91 178.0 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 46.241 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040003.D
Acq: 29 Jan 2024 17:52

Tgt Ion: 95 Resp: 39922
Ion Ratio Lower Upper
95 100
174 66.2 0.0 135.6
176 63.1 0.0 131.0

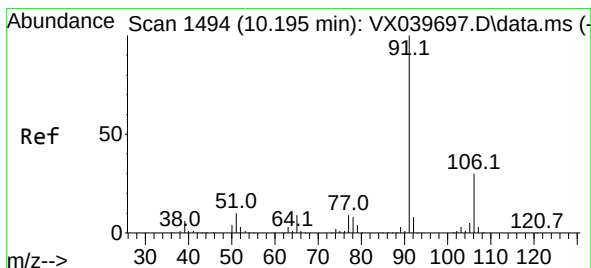
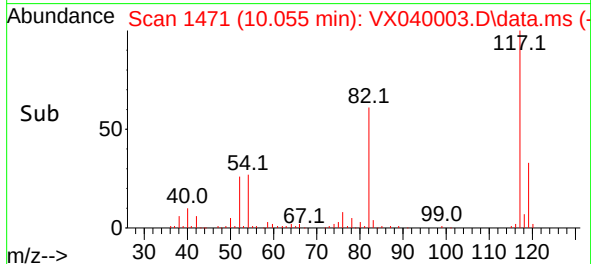
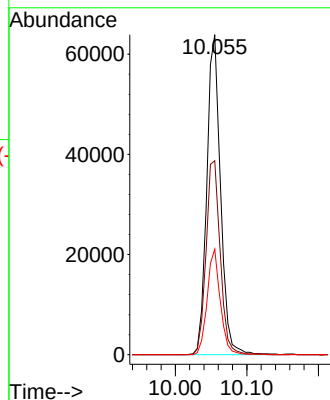
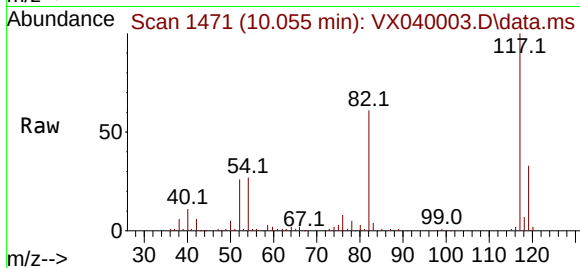




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040003.D
Acq: 29 Jan 2024 17:52

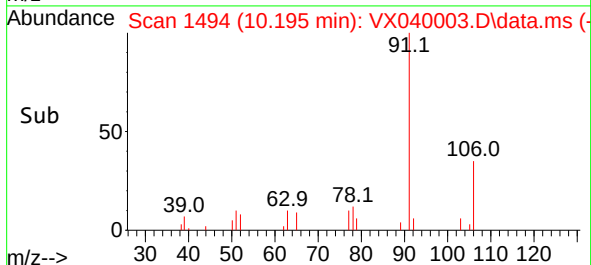
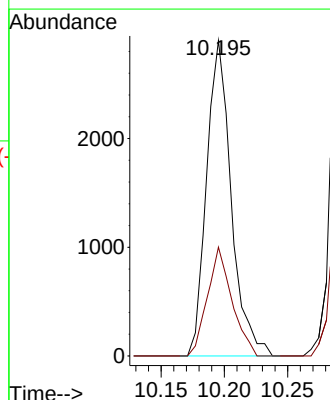
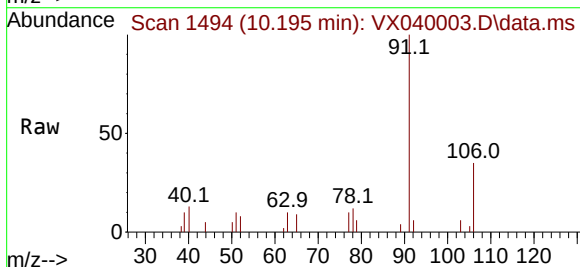
Instrument :
MSVOA_X
ClientSampleId :
S-1

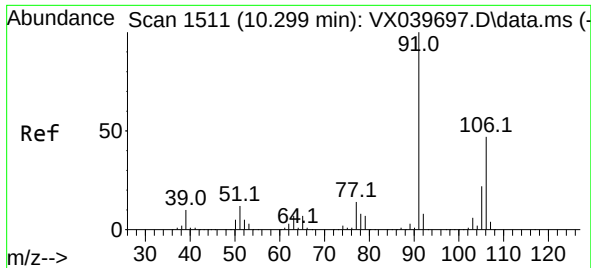
Tgt Ion:117 Resp: 85305
Ion Ratio Lower Upper
117 100
82 60.6 46.2 69.4
119 32.9 25.5 38.3



#67
Ethyl Benzene
Concen: 1.192 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040003.D
Acq: 29 Jan 2024 17:52

Tgt Ion: 91 Resp: 3932
Ion Ratio Lower Upper
91 100
106 34.5 24.9 37.3

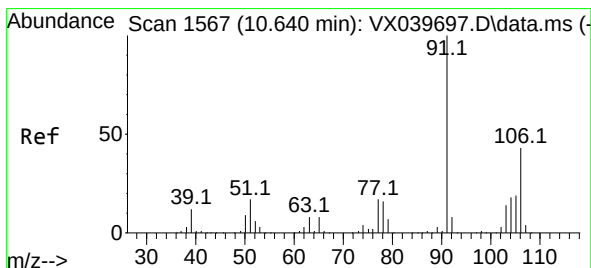
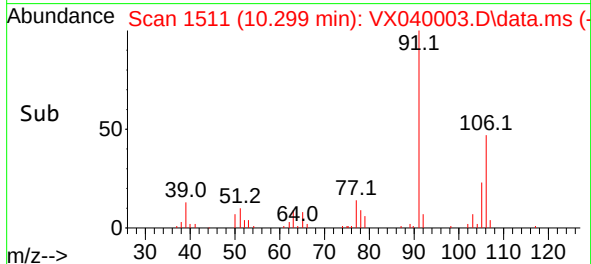
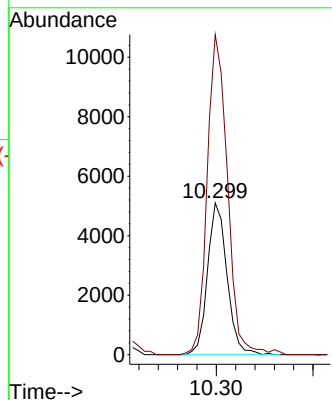
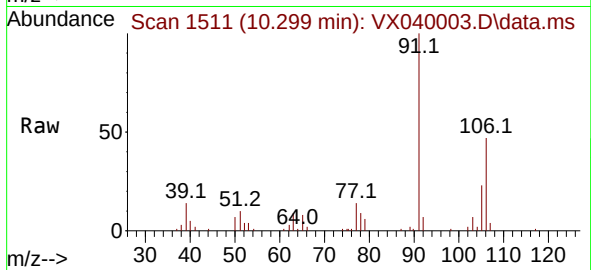




#68
m/p-Xylenes
Concen: 5.893 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040003.D
Acq: 29 Jan 2024 17:52

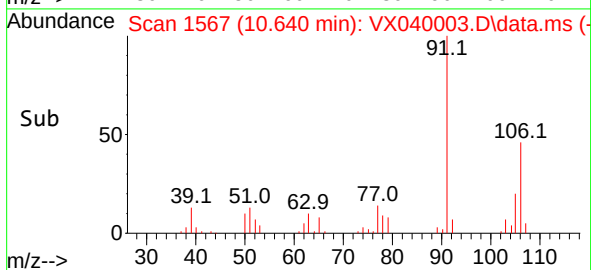
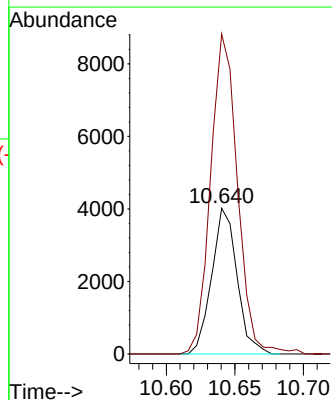
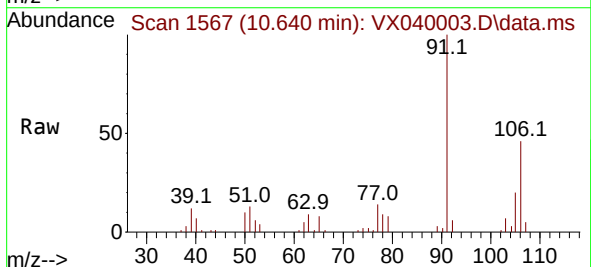
Instrument :
MSVOA_X
ClientSampleId :
S-1

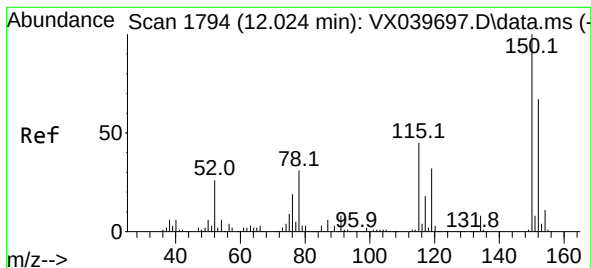
Tgt Ion:106 Resp: 7149
Ion Ratio Lower Upper
106 100
91 219.4 165.5 248.3



#69
o-Xylene
Concen: 4.303 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040003.D
Acq: 29 Jan 2024 17:52

Tgt Ion:106 Resp: 5170
Ion Ratio Lower Upper
106 100
91 233.1 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040003.D

Acq: 29 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

S-1

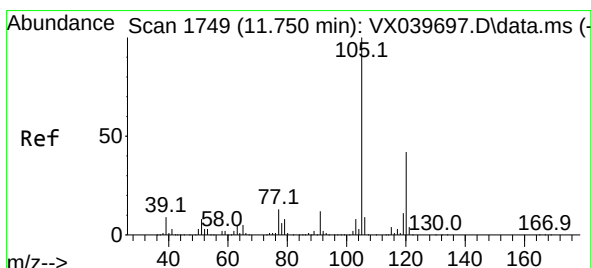
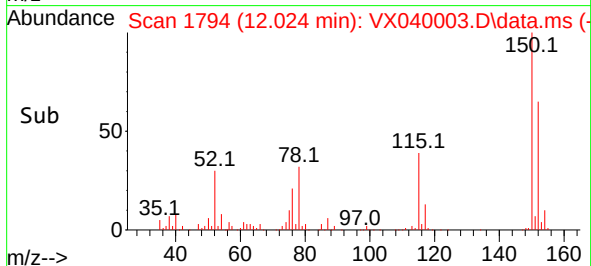
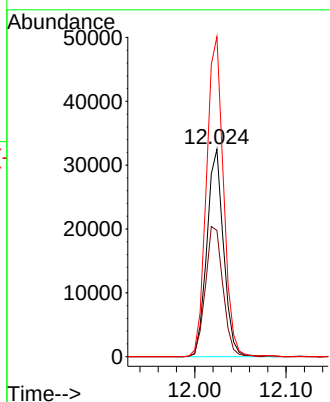
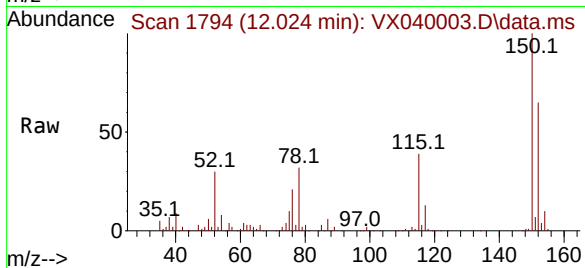
Tgt Ion:152 Resp: 41071

Ion Ratio Lower Upper

152 100

115 65.9 43.3 129.9

150 157.2 0.0 345.0



#84

1,2,4-Trimethylbenzene

Concen: 1.896 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX040003.D

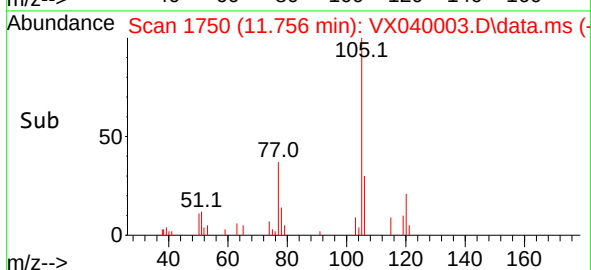
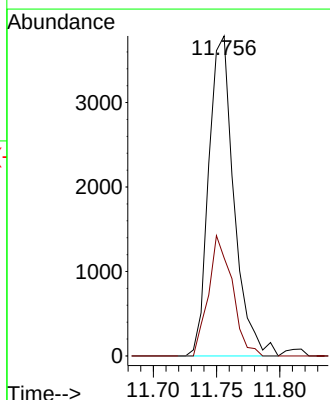
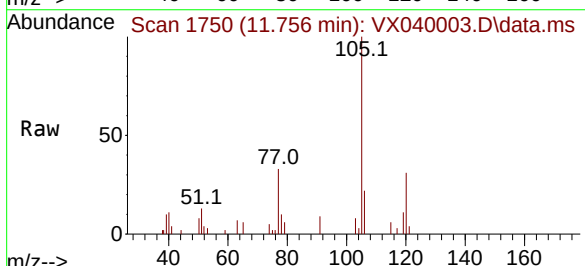
Acq: 29 Jan 2024 17:52

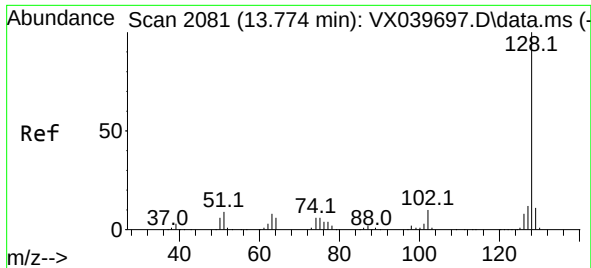
Tgt Ion:105 Resp: 5253

Ion Ratio Lower Upper

105 100

120 35.5 21.2 63.6





#95

Naphthalene

Concen: 17.846 ug/l

RT: 13.774 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX040003.D

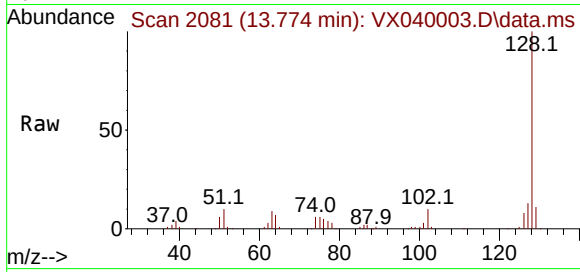
Acq: 29 Jan 2024 17:52

Instrument :

MSVOA_X

ClientSampleId :

S-1



Tgt Ion:128 Resp: 55393

Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

129 10.8 8.8 13.2

