

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
 Data File : VX040430.D
 Acq On : 23 Feb 2024 14:37
 Operator : JC/MD
 Sample : P1539-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06RE

Quant Time: Feb 23 22:19:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:47:29 2024
 Response via : Initial Calibration

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

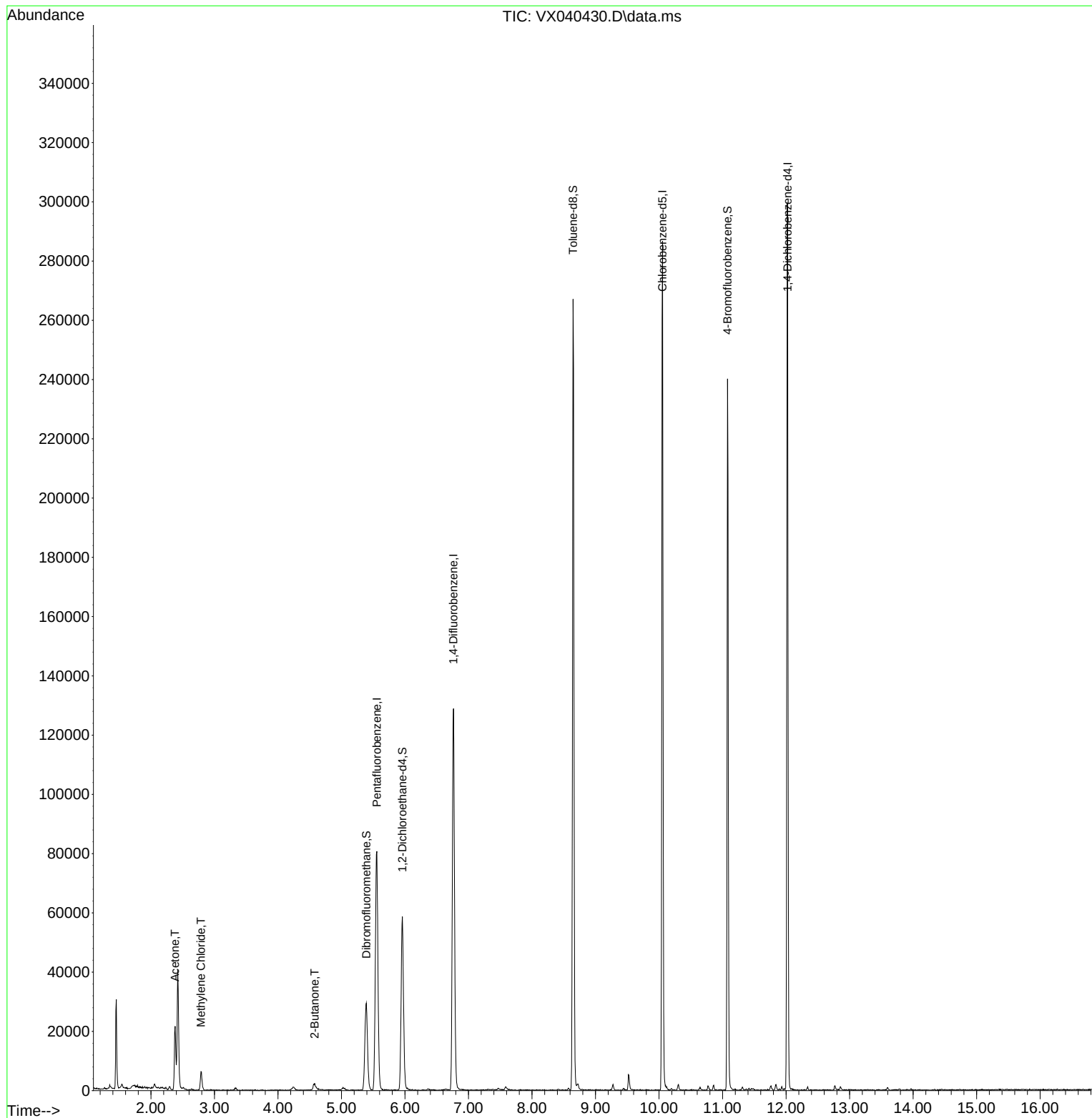
Internal Standards						
1) Pentafluorobenzene	5.556	168	70057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124316	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58096	50.920	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.840%			
35) Dibromofluoromethane	5.391	113	24676	29.456	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 58.920%#			
50) Toluene-d8	8.647	98	153430	50.704	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.400%			
62) 4-Bromofluorobenzene	11.079	95	61034	50.335	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.660%			
Target Compounds						
16) Acetone	2.380	43	23168	48.734	ug/l	98
20) Methylene Chloride	2.788	84	2690	2.702	ug/l #	82
25) 2-Butanone	4.574	43	3922	5.292	ug/l	100

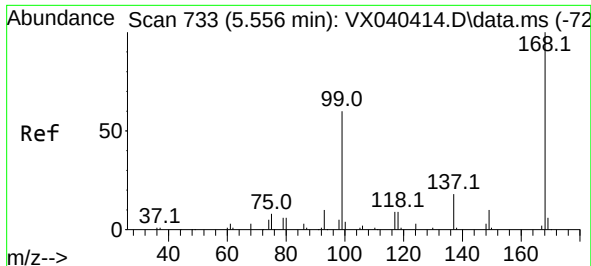
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
Data File : VX040430.D
Acq On : 23 Feb 2024 14:37
Operator : JC/MD
Sample : P1539-06RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06RE

Quant Time: Feb 23 22:19:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 23 06:47:29 2024
Response via : Initial Calibration

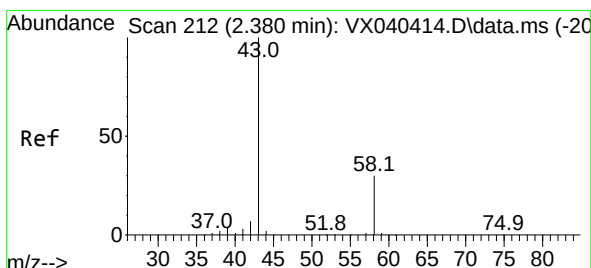
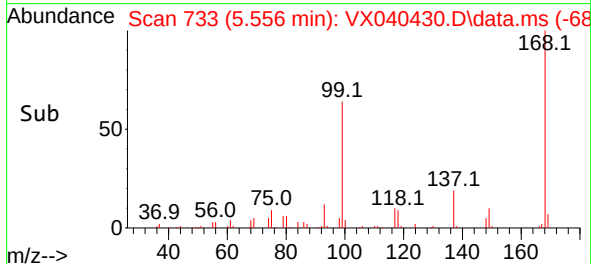
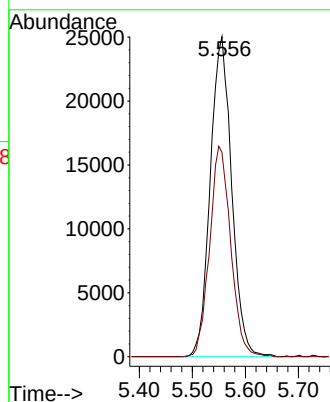
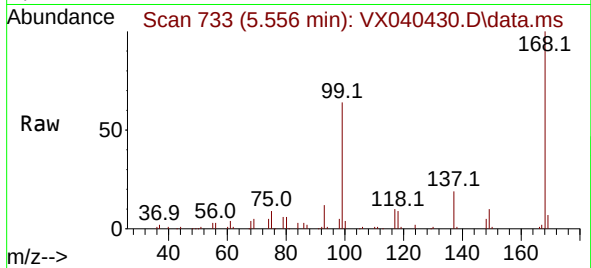




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040430.D
Acq: 23 Feb 2024 14:37

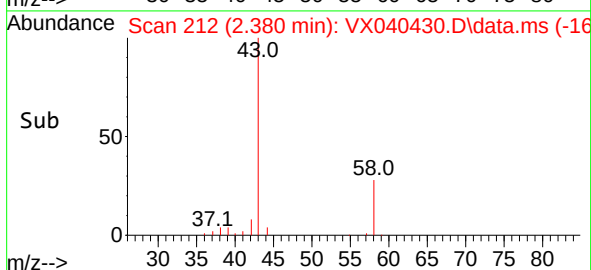
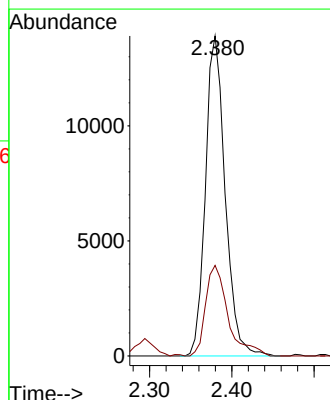
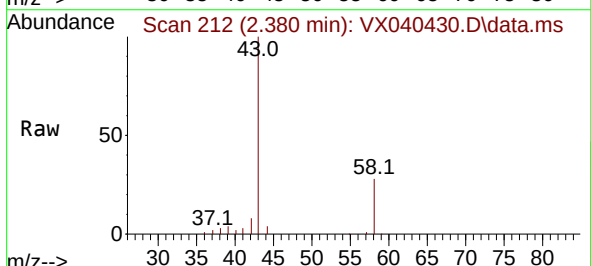
Instrument :
MSVOA_X
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06RE

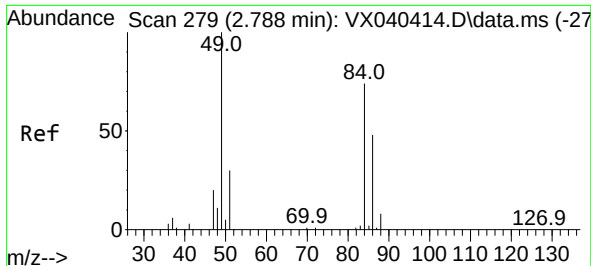
Tgt Ion:168 Resp: 70057
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#16
Acetone
Concen: 48.734 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040430.D
Acq: 23 Feb 2024 14:37

Tgt Ion: 43 Resp: 23168
Ion Ratio Lower Upper
43 100
58 28.3 21.9 32.9

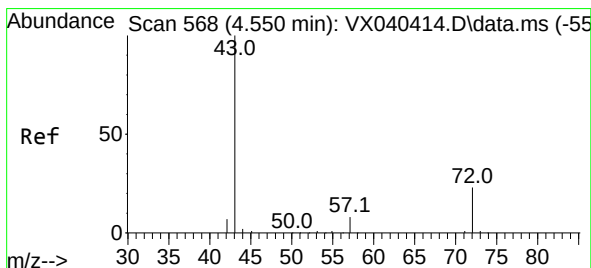
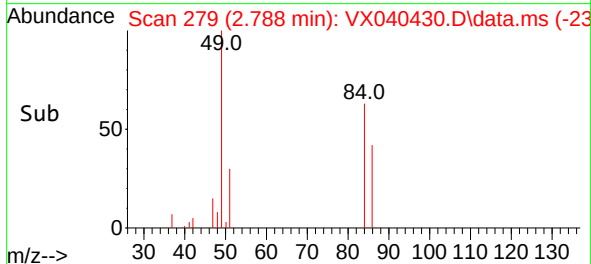
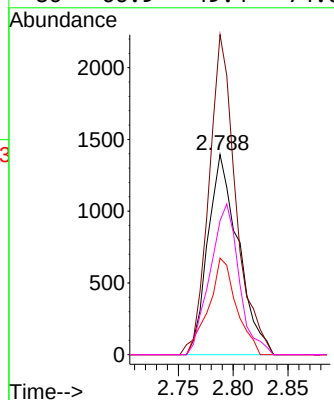
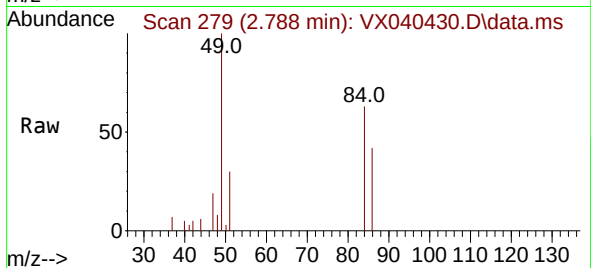




#20
Methylene Chloride
Concen: 2.702 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040430.D
Acq: 23 Feb 2024 14:37

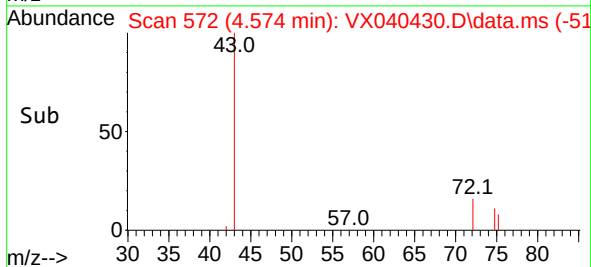
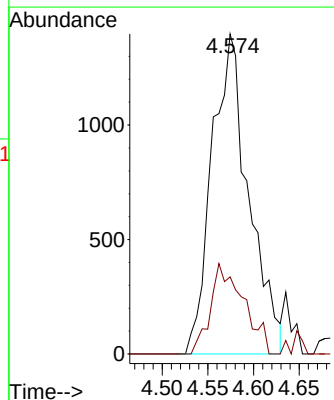
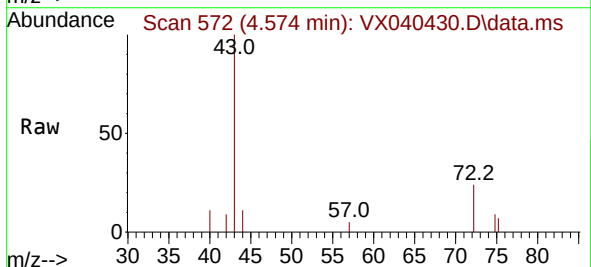
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06RE

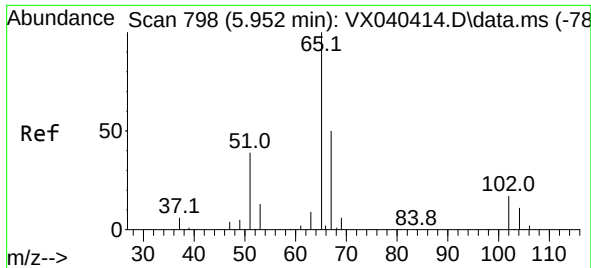
Tgt Ion:	84	Resp:	2690
Ion	Ratio	Lower	Upper
84	100		
49	159.9	103.6	155.4#
51	48.2	33.8	50.6
86	66.9	49.4	74.0



#25
2-Butanone
Concen: 5.292 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.024 min
Lab File: VX040430.D
Acq: 23 Feb 2024 14:37

Tgt Ion:	43	Resp:	3922
Ion	Ratio	Lower	Upper
43	100		
72	24.1	19.4	29.2

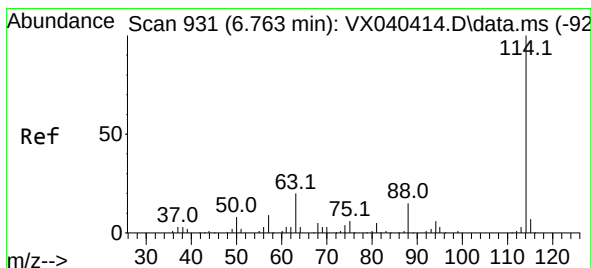
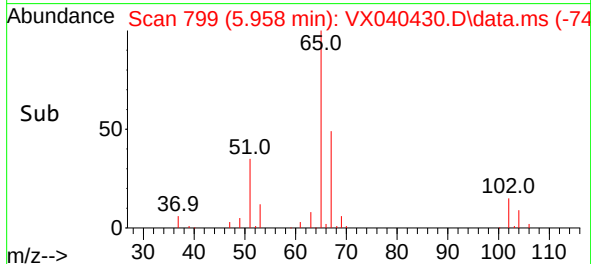
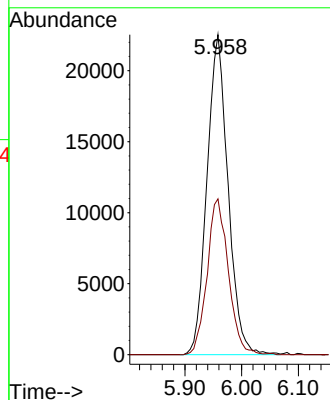
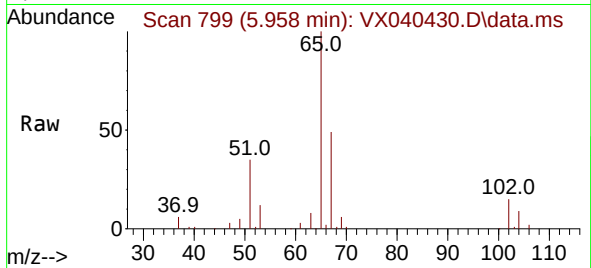




#33
 1,2-Dichloroethane-d4
 Concen: 50.920 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX040430.D
 Acq: 23 Feb 2024 14:37

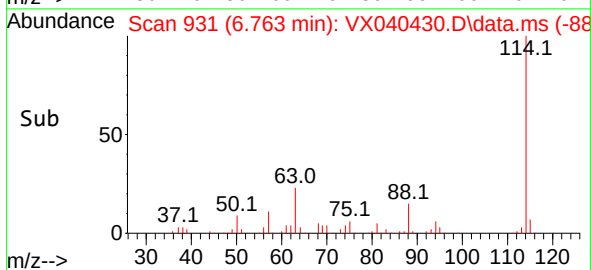
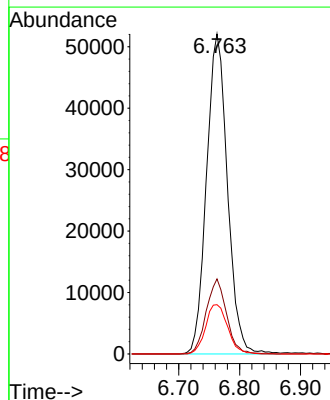
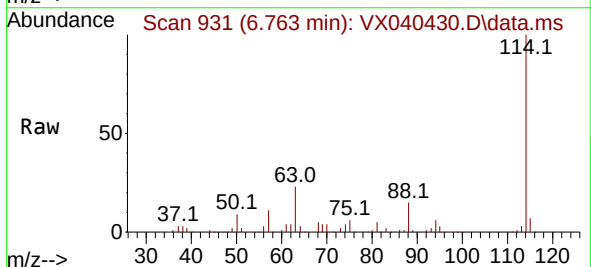
Instrument : MSVOA_X
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06RE

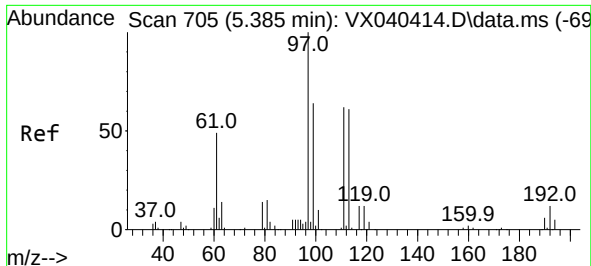
Tgt Ion: 65 Resp: 58096
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX040430.D
 Acq: 23 Feb 2024 14:37

Tgt Ion: 114 Resp: 124316
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.0
 88 15.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 29.456 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX040430.D

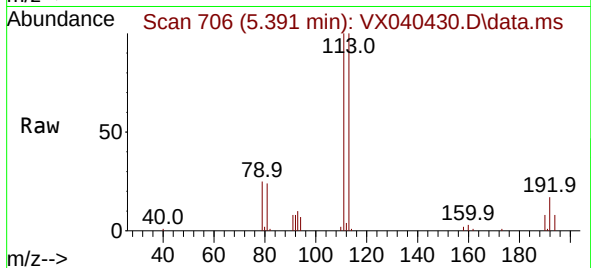
Acq: 23 Feb 2024 14:37

Instrument :

MSVOA_X

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06RE



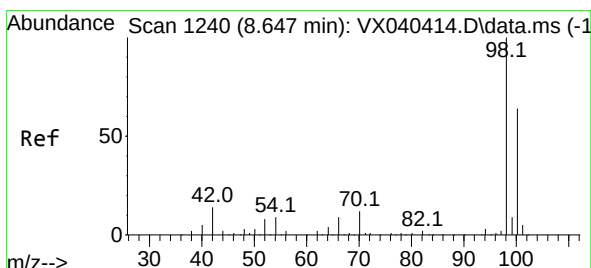
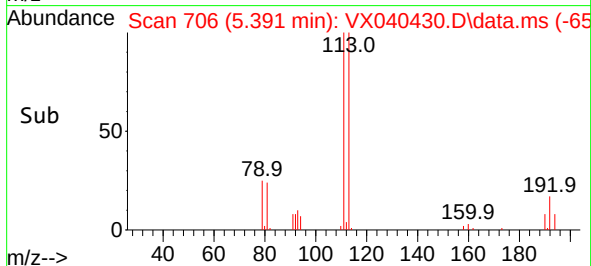
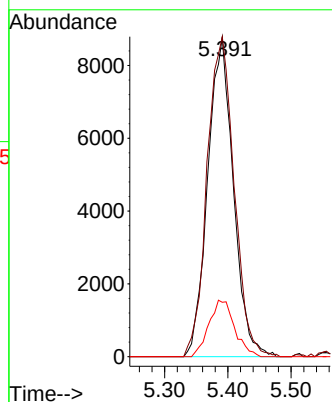
Tgt Ion:113 Resp: 24676

Ion Ratio Lower Upper

113 100

111 105.8 82.9 124.3

192 17.7 13.3 19.9



#50

Toluene-d8

Concen: 50.704 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX040430.D

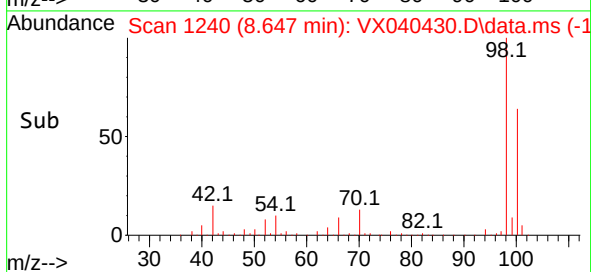
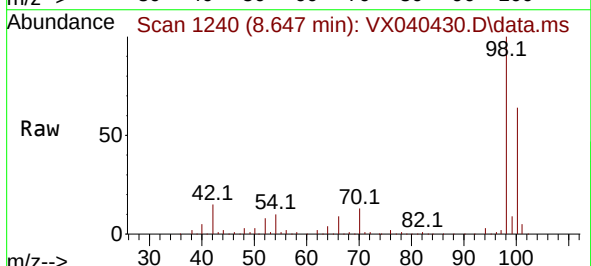
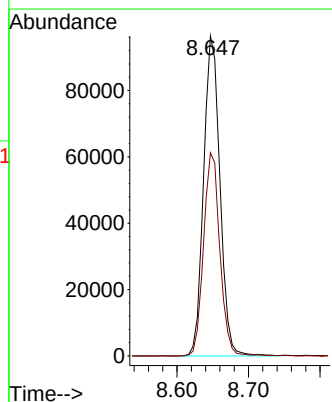
Acq: 23 Feb 2024 14:37

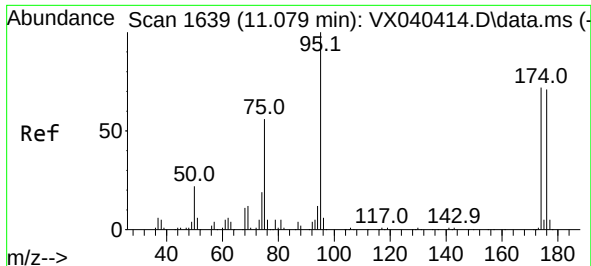
Tgt Ion: 98 Resp: 153430

Ion Ratio Lower Upper

98 100

100 63.2 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.335 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX040430.D

Acq: 23 Feb 2024 14:37

Instrument :

MSVOA_X

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06RE

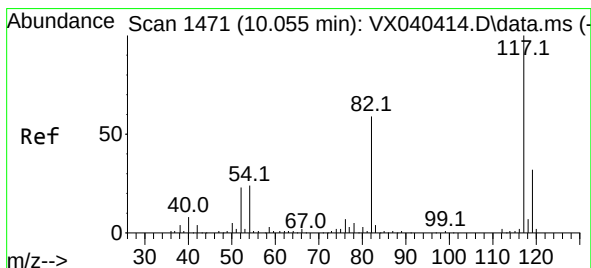
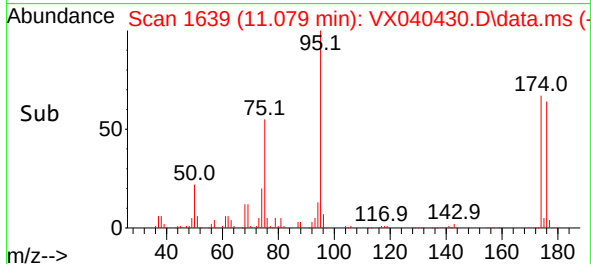
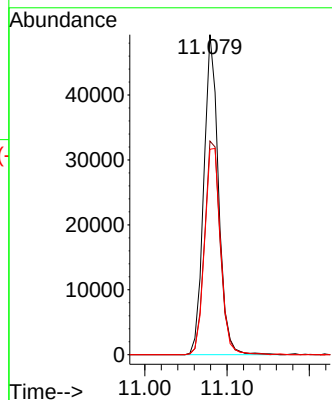
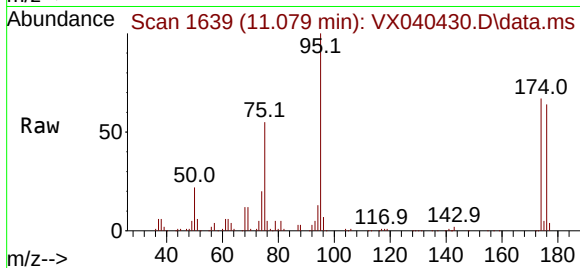
Tgt Ion: 95 Resp: 61034

Ion Ratio Lower Upper

95 100

174 71.6 0.0 135.6

176 70.5 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: VX040430.D

Acq: 23 Feb 2024 14:37

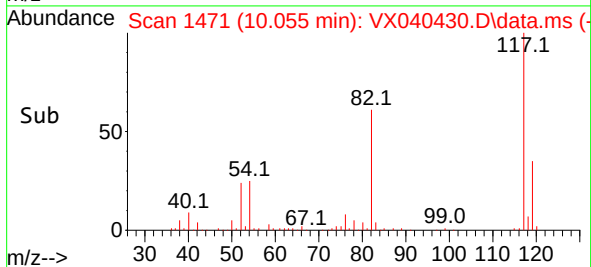
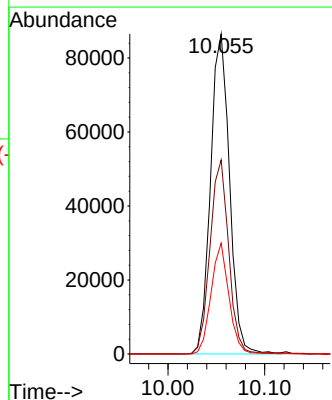
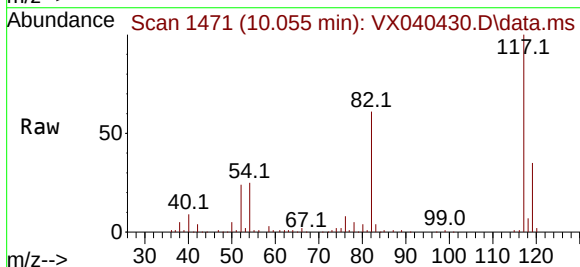
Tgt Ion: 117 Resp: 118281

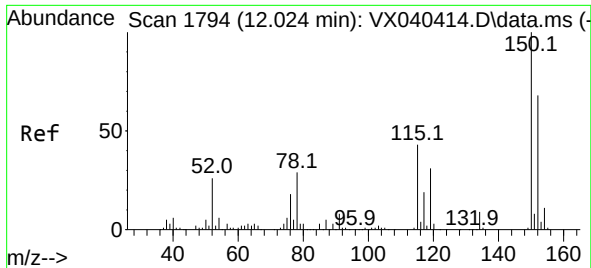
Ion Ratio Lower Upper

117 100

82 60.7 46.2 69.4

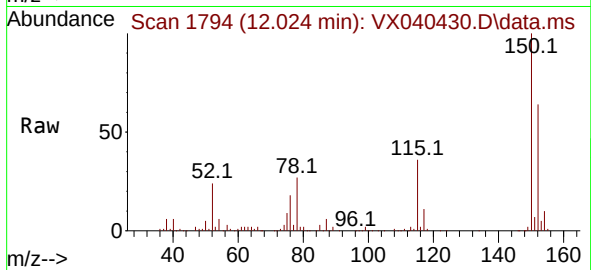
119 34.7 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040430.D
 Acq: 23 Feb 2024 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06RE



Tgt Ion:152 Resp: 59713
 Ion Ratio Lower Upper
 152 100
 115 62.2 43.3 129.9
 150 156.4 0.0 345.0

