

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
 Data File : VX040428.D
 Acq On : 23 Feb 2024 13:51
 Operator : JC/MD
 Sample : P1539-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20241105-AMENDED-COMPOSITE-35N-N-4-04RE

Quant Time: Feb 23 22:18:26 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)

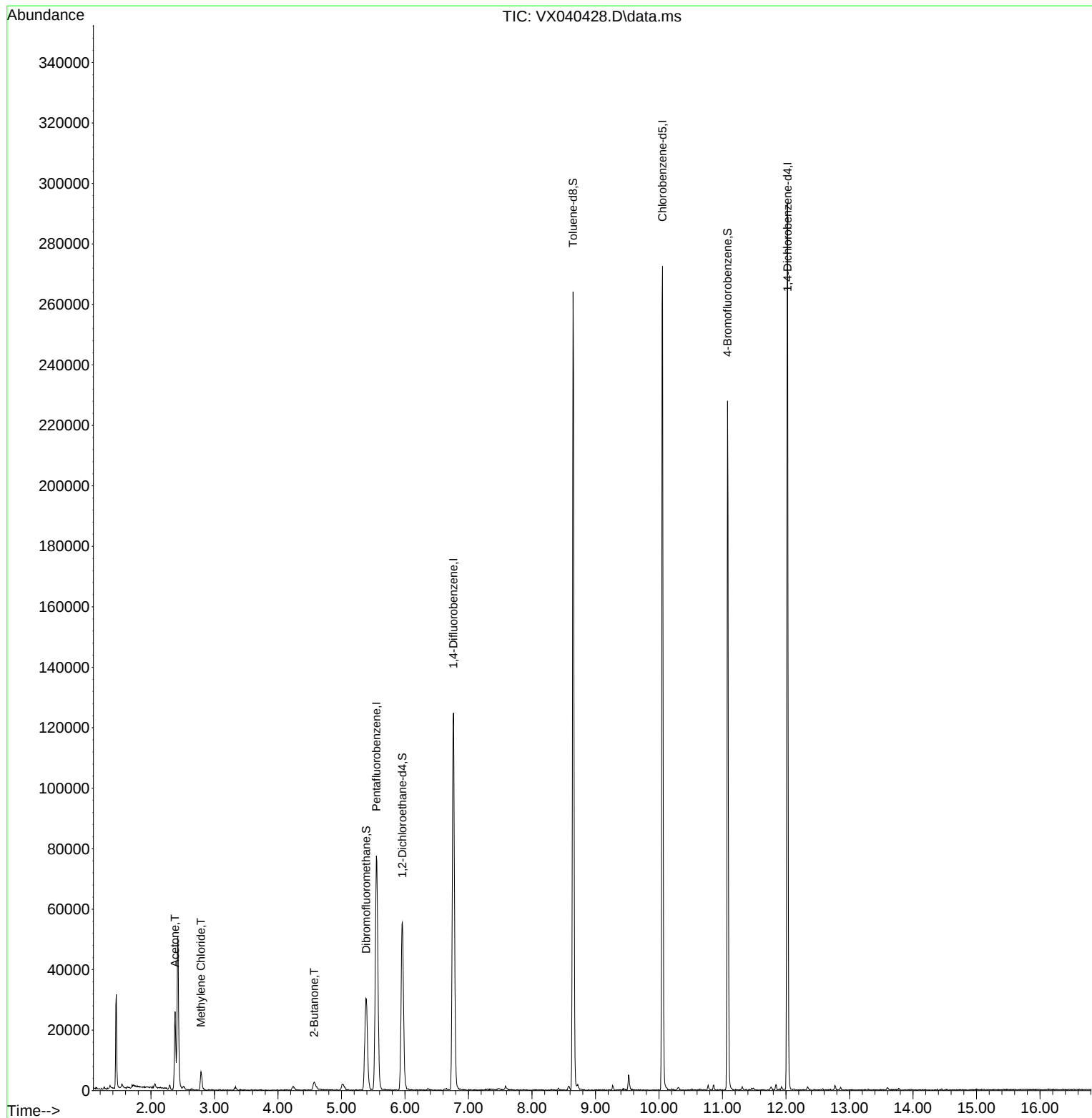
Internal Standards						
1) Pentafluorobenzene	5.550	168	68552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121386	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55011	49.274	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.540%
35) Dibromofluoromethane	5.385	113	26893	32.877	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	65.760%#
50) Toluene-d8	8.647	98	149951	50.750	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.500%
62) 4-Bromofluorobenzene	11.079	95	57716	48.747	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.500%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	26014	55.922	ug/l	97
20) Methylene Chloride	2.788	84	2845	2.921	ug/l #	80
25) 2-Butanone	4.568	43	5030	6.936	ug/l #	85

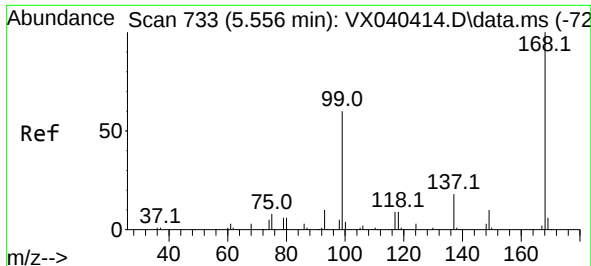
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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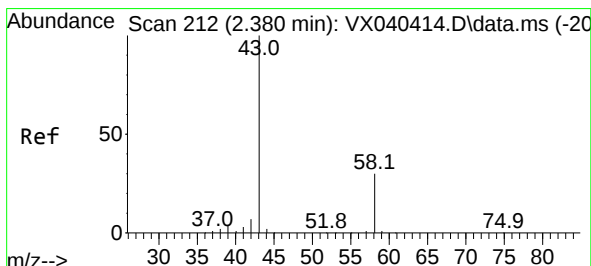
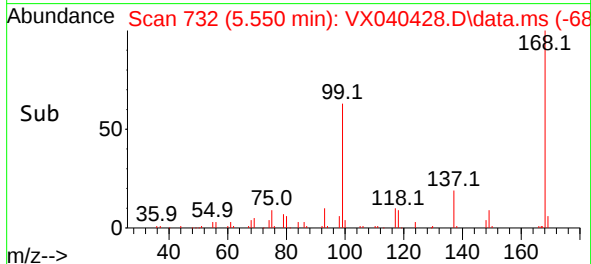
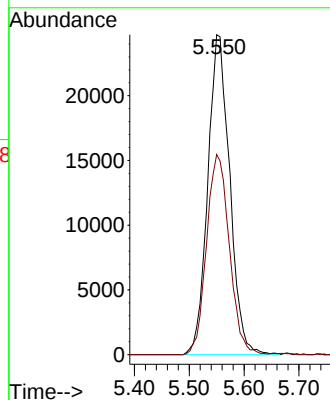
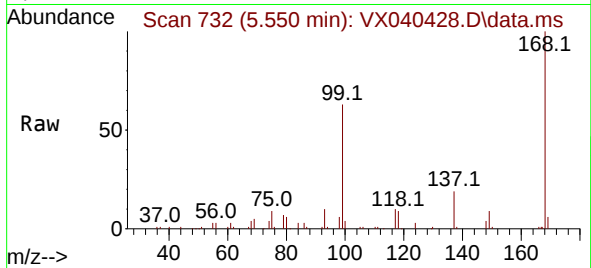




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040428.D
Acq: 23 Feb 2024 13:51

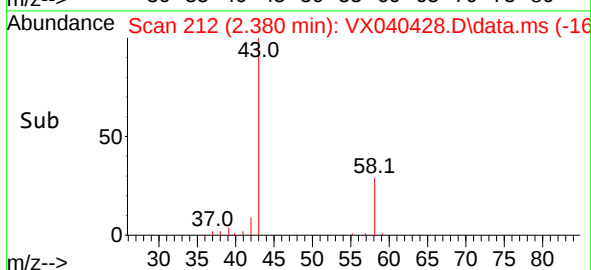
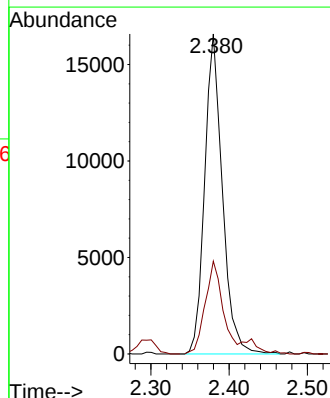
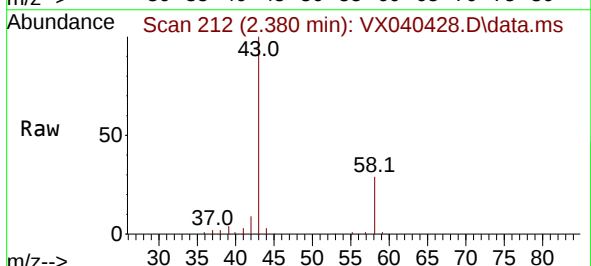
Instrument :
MSVOA_X
ClientSampleId :
20241105-AMENDED-COMPOSITE-35N-N-4-04RE

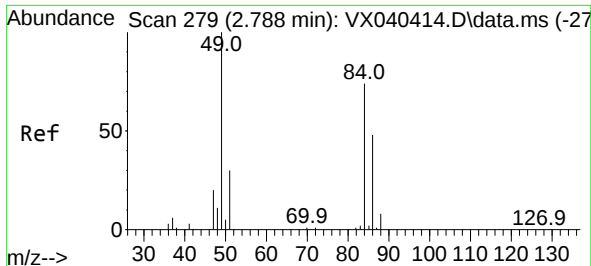
Tgt Ion:168 Resp: 68552
Ion Ratio Lower Upper
168 100
99 62.6 56.6 85.0



#16
Acetone
Concen: 55.922 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040428.D
Acq: 23 Feb 2024 13:51

Tgt Ion: 43 Resp: 26014
Ion Ratio Lower Upper
43 100
58 29.0 21.9 32.9





#20

Methylene Chloride

Concen: 2.921 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040428.D

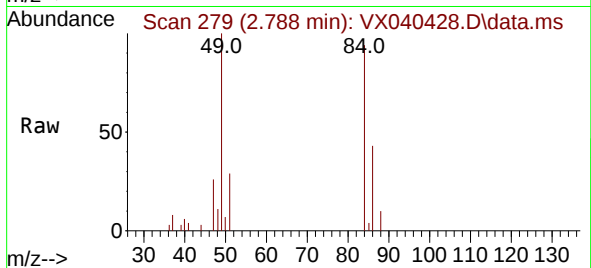
Acq: 23 Feb 2024 13:51

Instrument :

MSVOA_X

ClientSampleId :

20241105-AMENDED-COMPOSITE-35N-N-4-04RE



Tgt Ion: 84 Resp: 2845

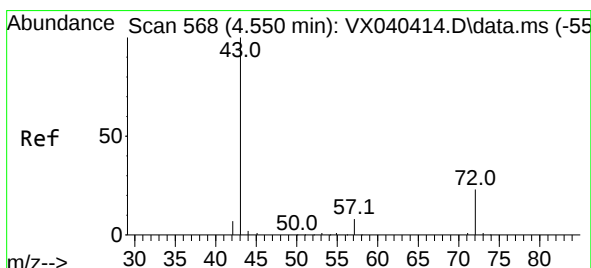
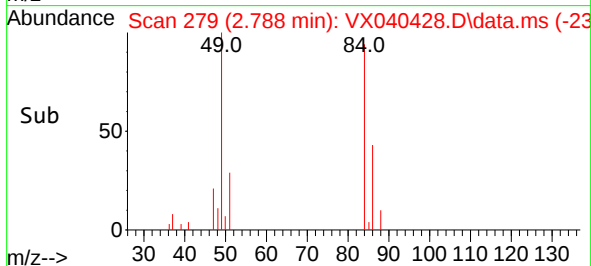
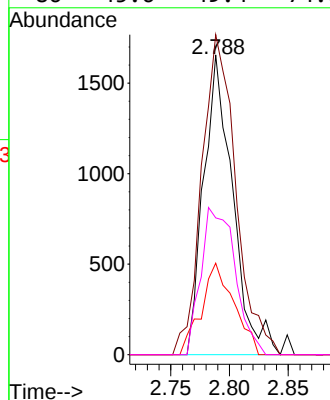
Ion Ratio Lower Upper

84 100

49 106.7 103.6 155.4

51 30.5 33.8 50.6#

86 45.6 49.4 74.0#



#25

2-Butanone

Concen: 6.936 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.019 min

Lab File: VX040428.D

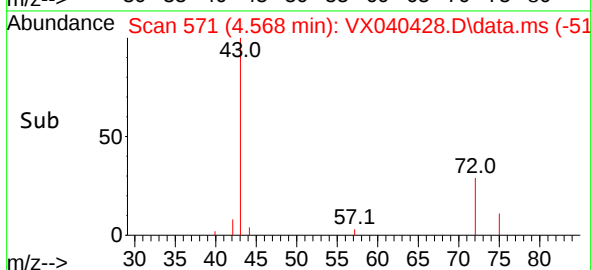
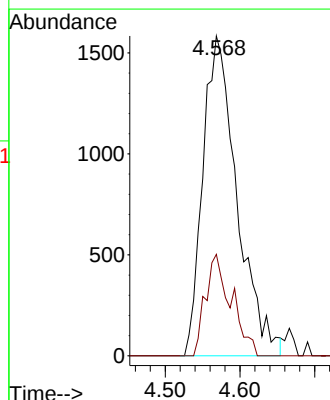
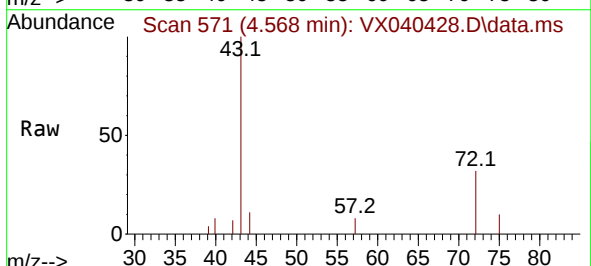
Acq: 23 Feb 2024 13:51

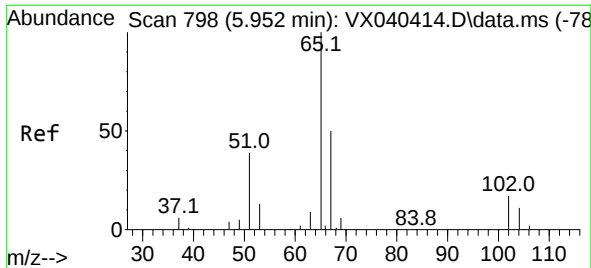
Tgt Ion: 43 Resp: 5030

Ion Ratio Lower Upper

43 100

72 31.8 19.4 29.2#

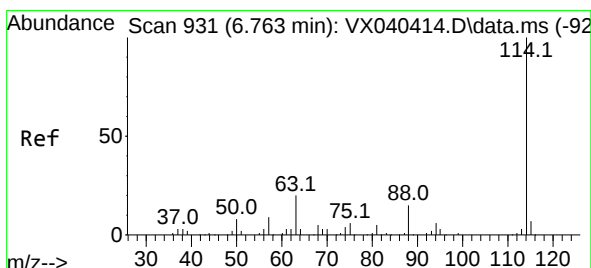
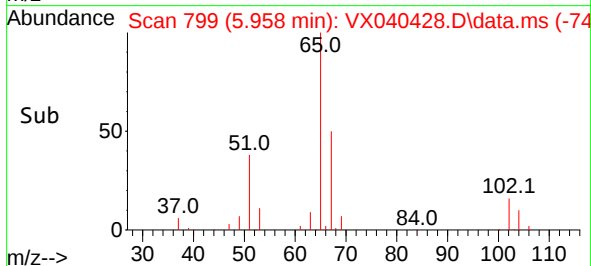
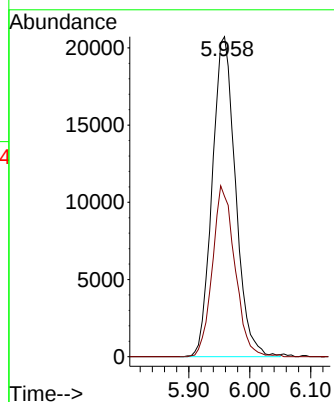
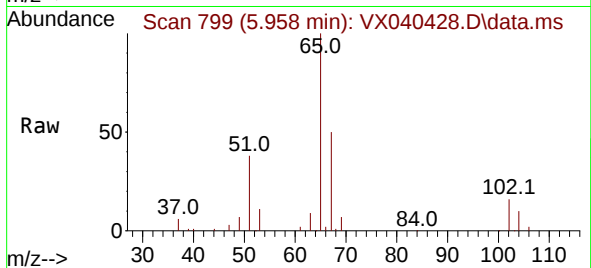




#33
 1,2-Dichloroethane-d4
 Concen: 49.274 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX040428.D
 Acq: 23 Feb 2024 13:51

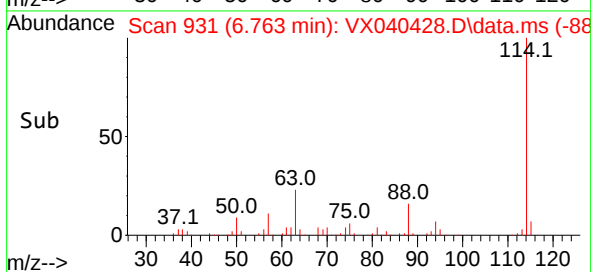
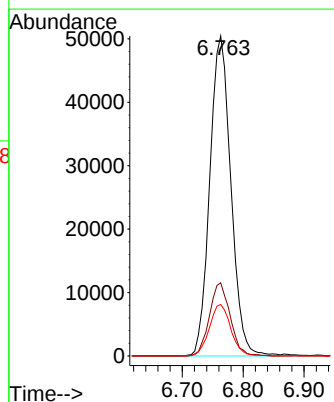
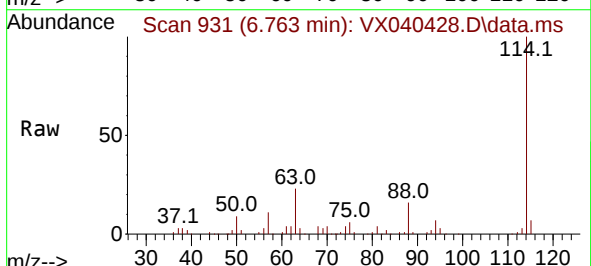
Instrument : MSVOA_X
 ClientSampleId : 20241105-AMENDED-COMPOSITE-35N-N-4-04RE

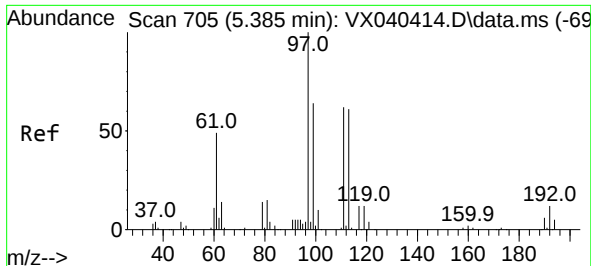
Tgt Ion: 65 Resp: 55011
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX040428.D
 Acq: 23 Feb 2024 13:51

Tgt Ion: 114 Resp: 121386
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.0
 88 16.1 0.0 36.6

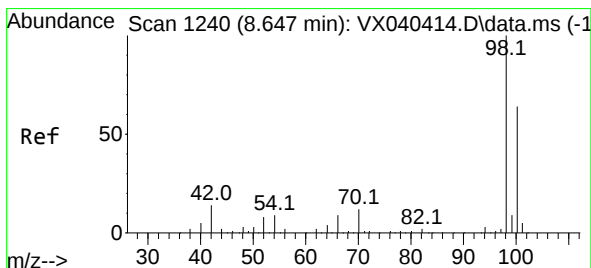
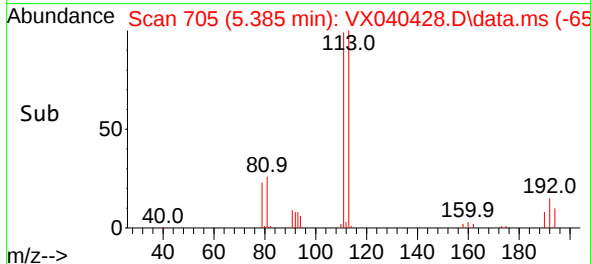
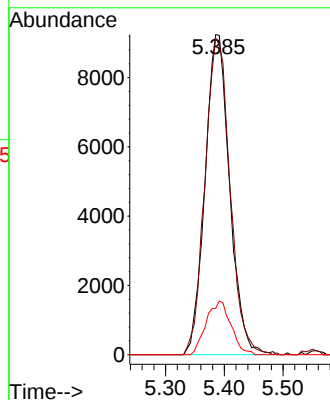
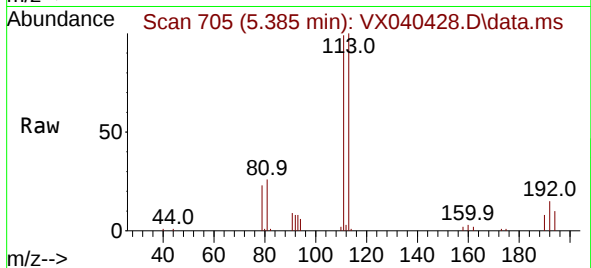




#35
Dibromofluoromethane
Concen: 32.877 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040428.D
Acq: 23 Feb 2024 13:51

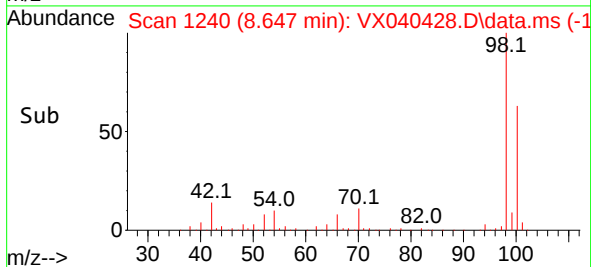
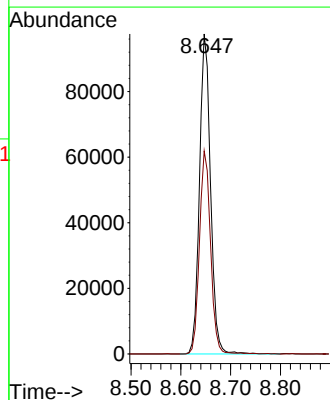
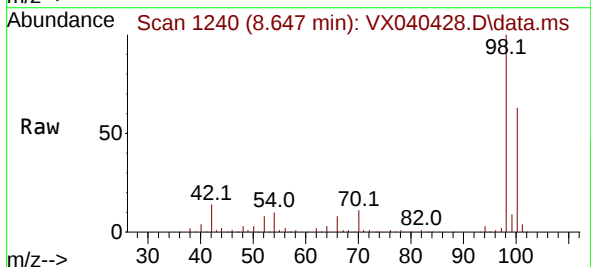
Instrument :
MSVOA_X
ClientSampleId :
20241105-AMENDED-COMPOSITE-35N-N-4-04RE

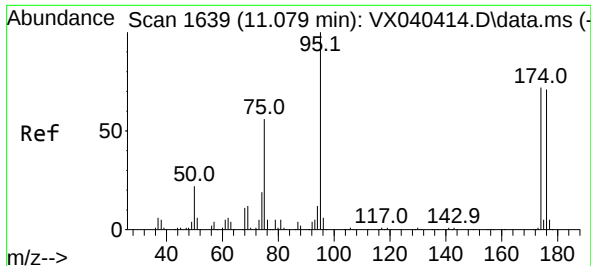
Tgt Ion:113 Resp: 26893
Ion Ratio Lower Upper
113 100
111 100.8 82.9 124.3
192 16.8 13.3 19.9



#50
Toluene-d8
Concen: 50.750 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040428.D
Acq: 23 Feb 2024 13:51

Tgt Ion: 98 Resp: 149951
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7





#62
4-Bromofluorobenzene
Concen: 48.747 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040428.D
Acq: 23 Feb 2024 13:51

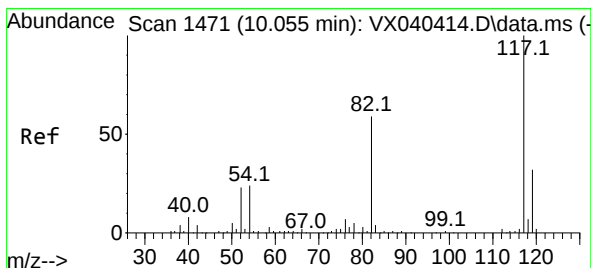
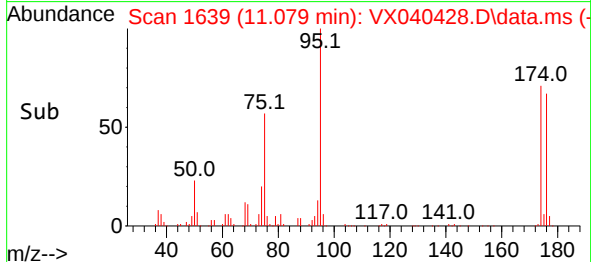
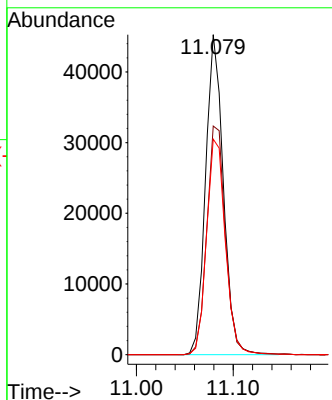
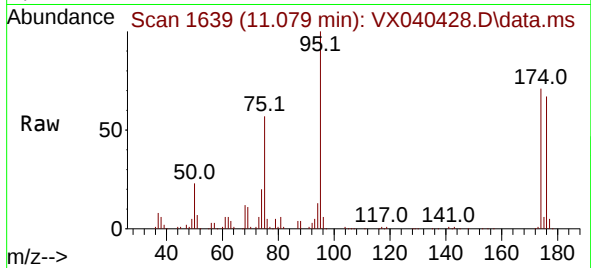
Instrument :

MSVOA_X

ClientSampleId :

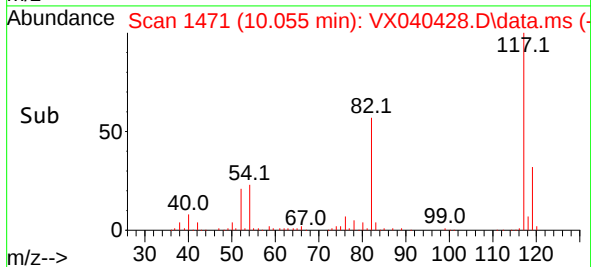
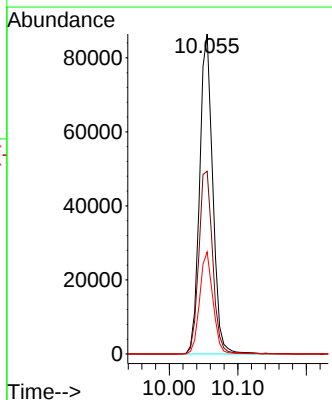
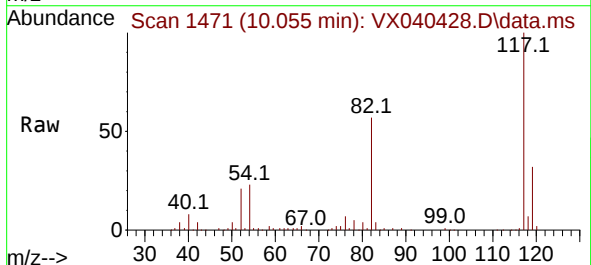
20241105-AMENDED-COMPOSITE-35N-N-4-04RE

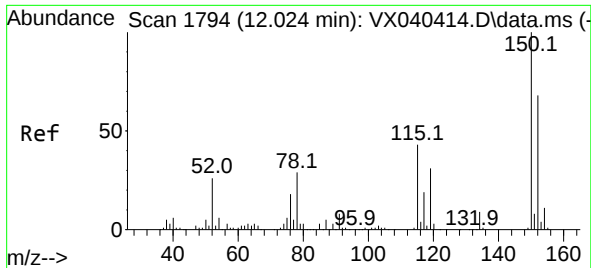
Tgt Ion: 95 Resp: 57716
Ion Ratio Lower Upper
95 100
174 75.3 0.0 135.6
176 71.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040428.D
Acq: 23 Feb 2024 13:51

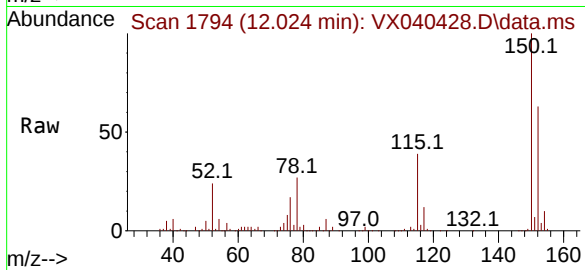
Tgt Ion: 117 Resp: 115309
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 31.9 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040428.D
 Acq: 23 Feb 2024 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 20241105-AMENDED-COMPOSITE-35N-N-4-04RE



Tgt Ion:152 Resp: 58948
 Ion Ratio Lower Upper
 152 100
 115 61.2 43.3 129.9
 150 155.3 0.0 345.0

