

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040232.D
 Acq On : 14 Feb 2024 19:45
 Operator : JC/MD
 Sample : P1446-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RT3475

Quant Time: Feb 15 00:07:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

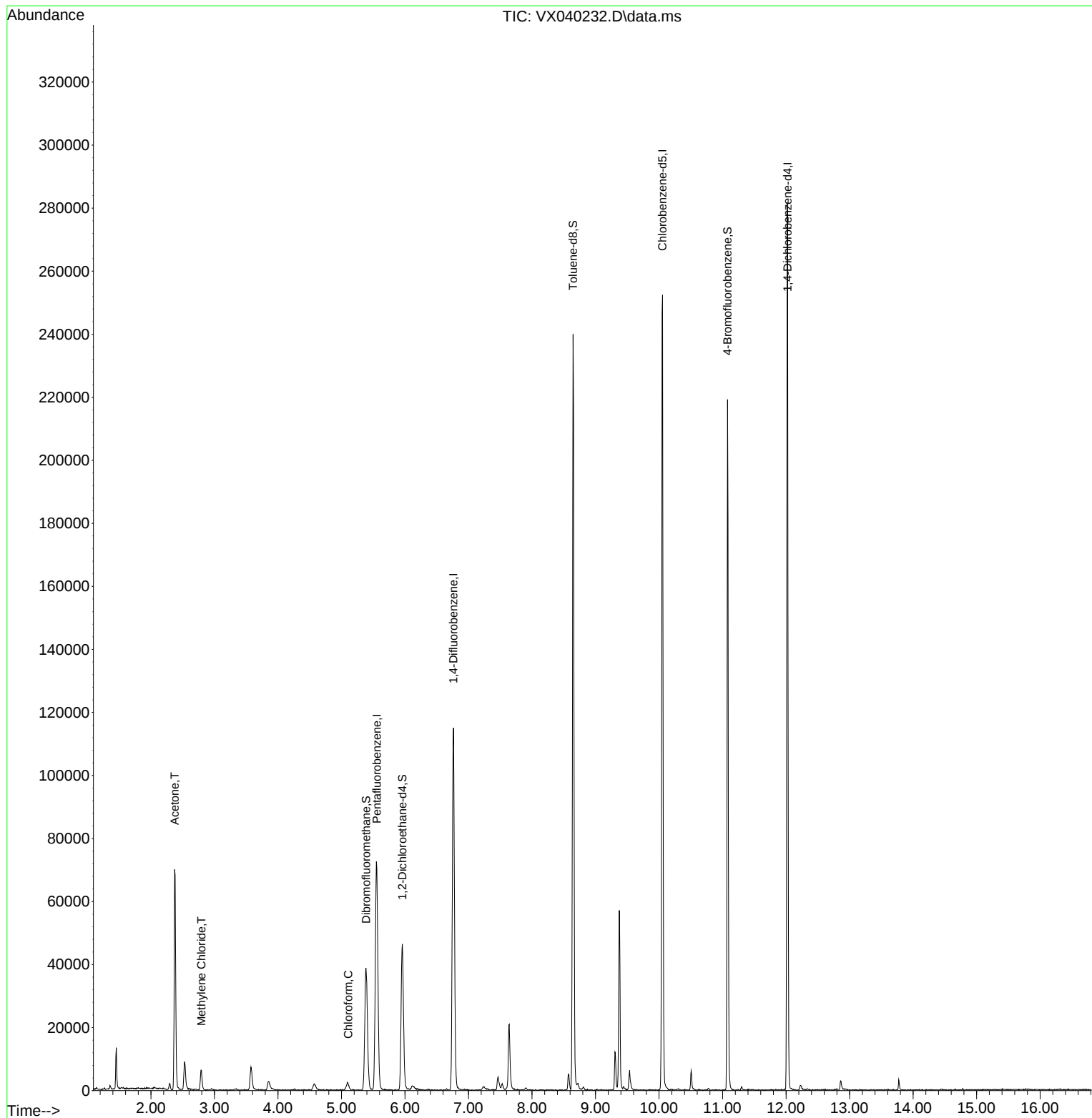
Internal Standards						
1) Pentafluorobenzene	5.556	168	69963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	116852	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	44978	43.213	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.420%
35) Dibromofluoromethane	5.385	113	34678	42.496	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.000%
50) Toluene-d8	8.647	98	142639	46.728	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.460%
62) 4-Bromofluorobenzene	11.079	95	56383	45.290	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.580%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	73743	172.505	ug/l	92
20) Methylene Chloride	2.794	84	2979	2.193	ug/l	93
30) Chloroform	5.105	83	2756	1.741	ug/l	100

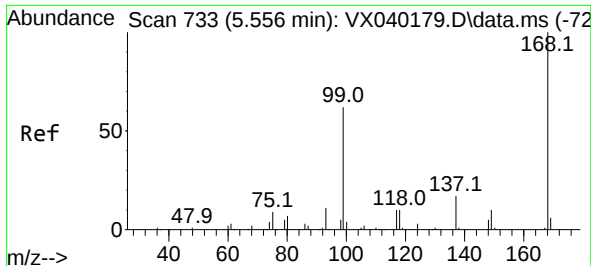
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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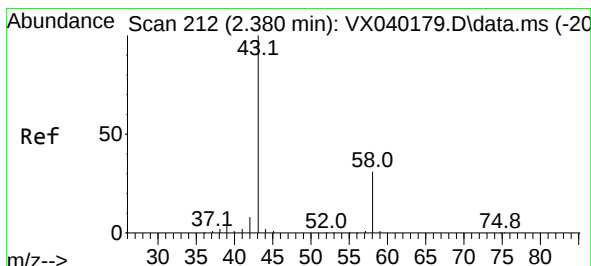
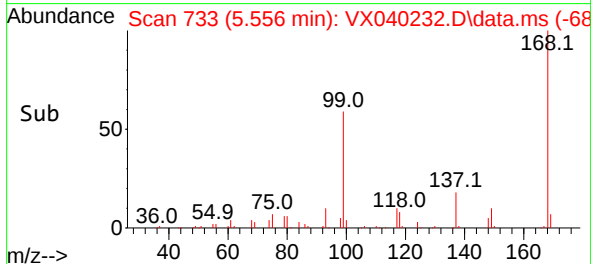
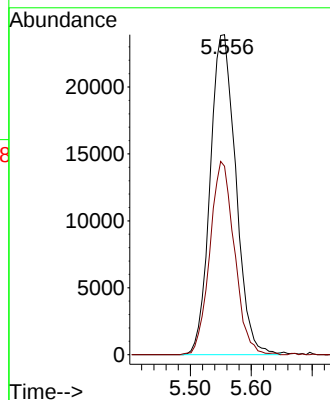
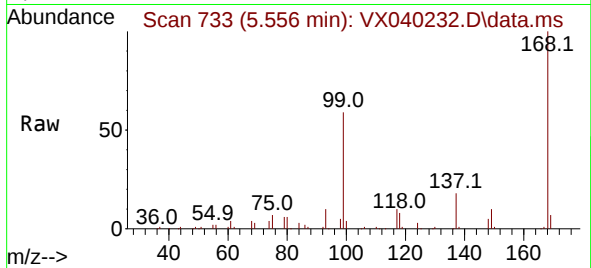




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040232.D
Acq: 14 Feb 2024 19:45

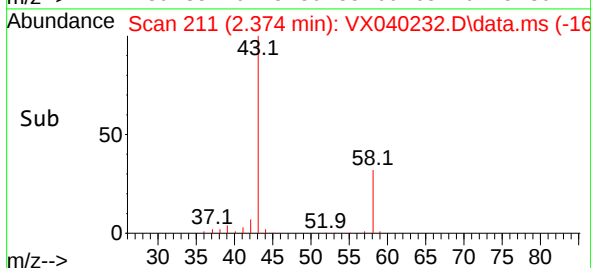
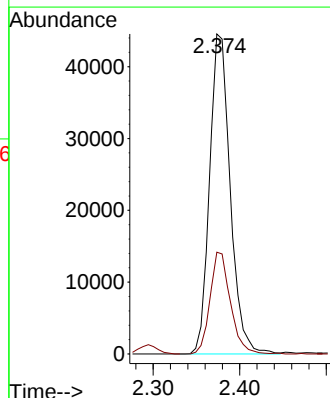
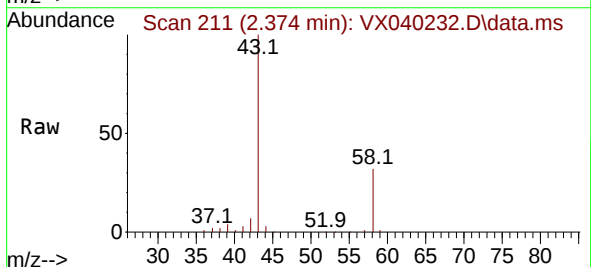
Instrument :
MSVOA_X
ClientSampleId :
RT3475

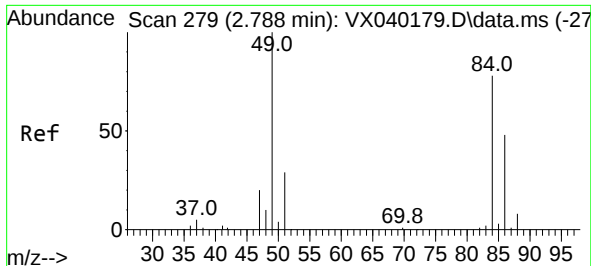
Tgt Ion:168 Resp: 69963
Ion Ratio Lower Upper
168 100
99 58.9 56.6 85.0



#16
Acetone
Concen: 172.505 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040232.D
Acq: 14 Feb 2024 19:45

Tgt Ion: 43 Resp: 73743
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9

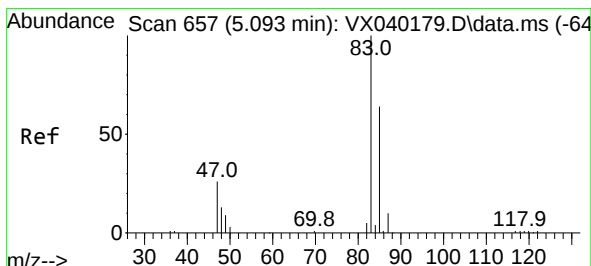
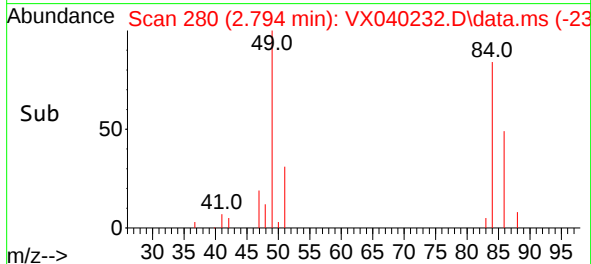
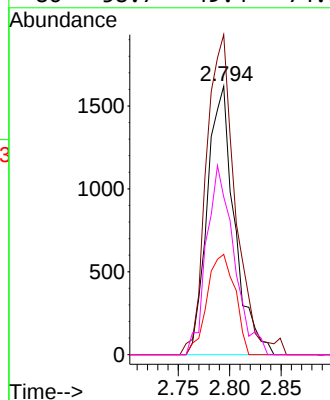
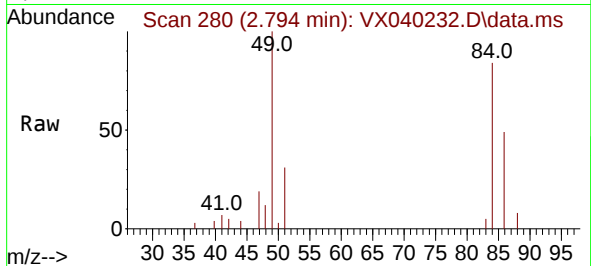




#20
Methylene Chloride
Concen: 2.193 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040232.D
Acq: 14 Feb 2024 19:45

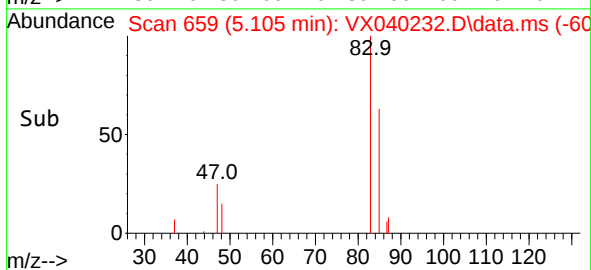
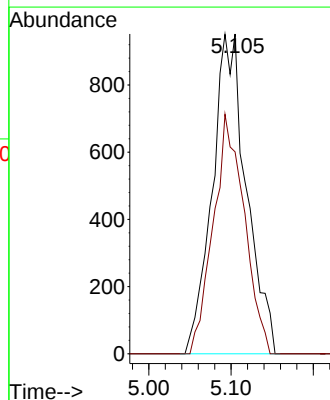
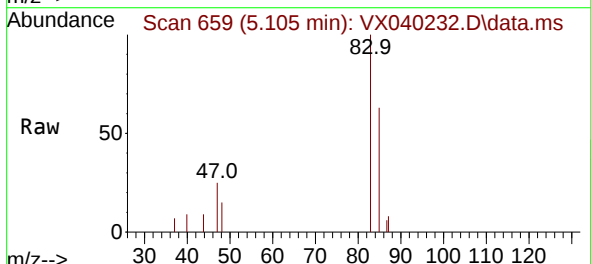
Instrument :
MSVOA_X
ClientSampleId :
RT3475

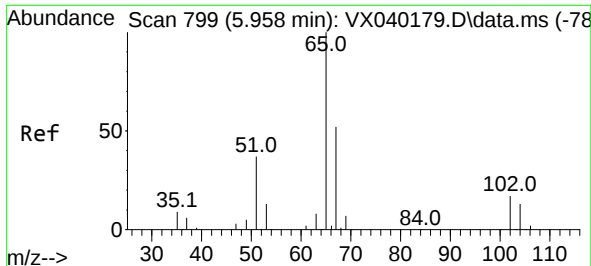
Tgt Ion:	84	Resp:	2979
Ion	Ratio	Lower	Upper
84	100		
49	119.2	103.6	155.4
51	37.4	33.8	50.6
86	58.7	49.4	74.0



#30
Chloroform
Concen: 1.741 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX040232.D
Acq: 14 Feb 2024 19:45

Tgt Ion:	83	Resp:	2756
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.3	75.5

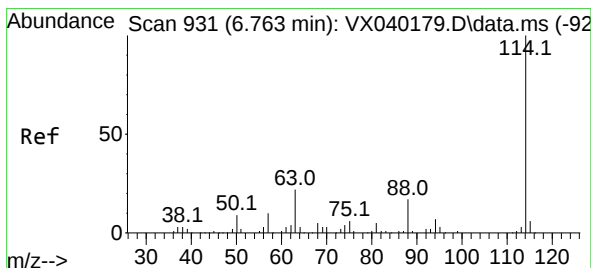
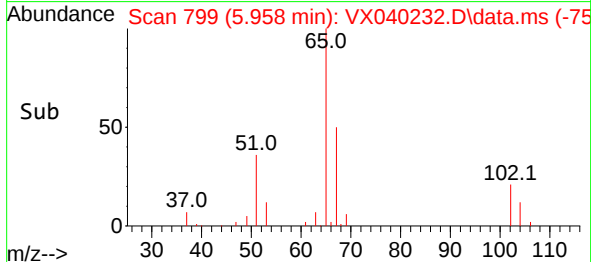
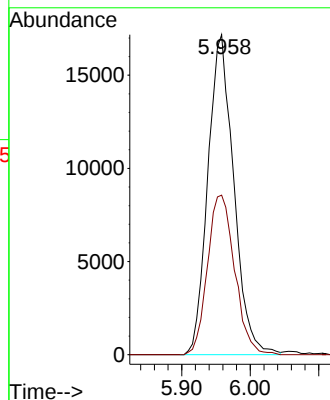
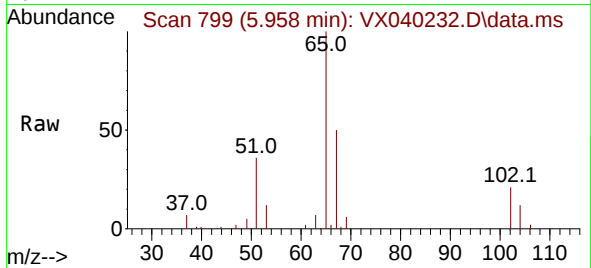




#33
 1,2-Dichloroethane-d4
 Concen: 43.213 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX040232.D
 Acq: 14 Feb 2024 19:45

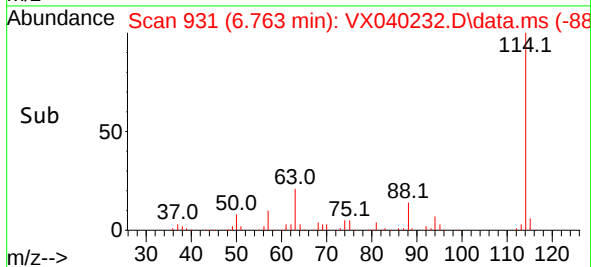
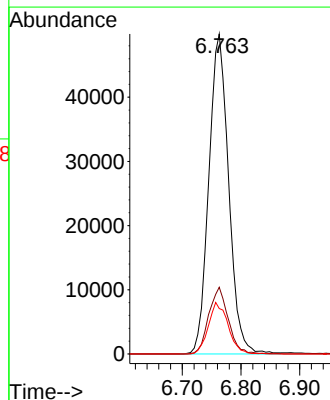
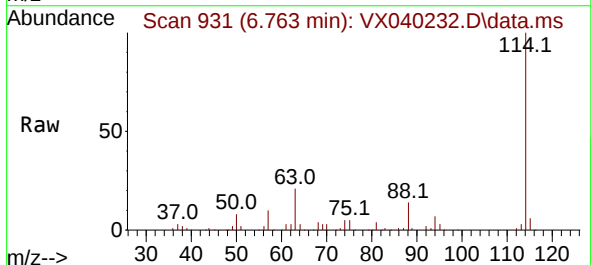
Instrument :
 MSVOA_X
 ClientSampleId :
 RT3475

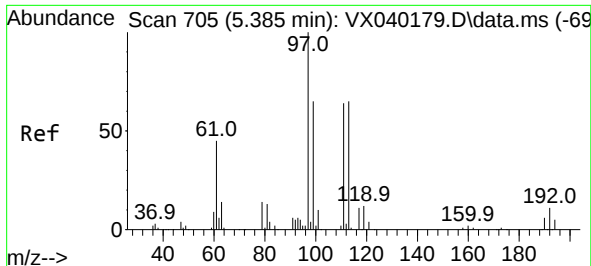
Tgt Ion: 65 Resp: 44978
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX040232.D
 Acq: 14 Feb 2024 19:45

Tgt Ion: 114 Resp: 116852
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 45.0
 88 14.2 0.0 36.6

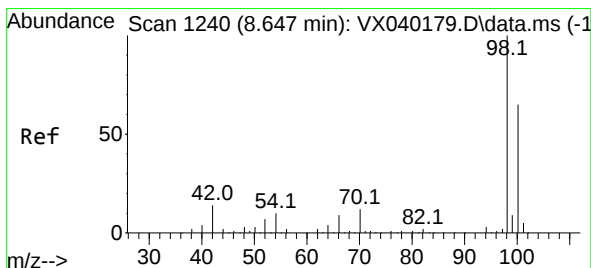
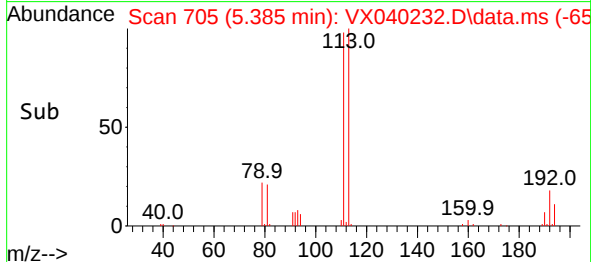
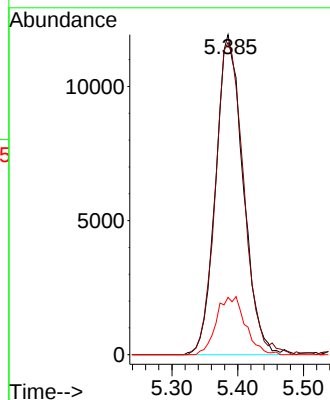
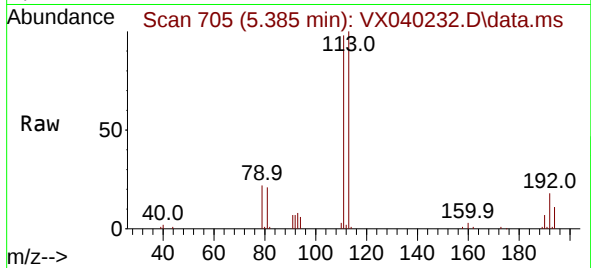




#35
Dibromofluoromethane
Concen: 42.496 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040232.D
Acq: 14 Feb 2024 19:45

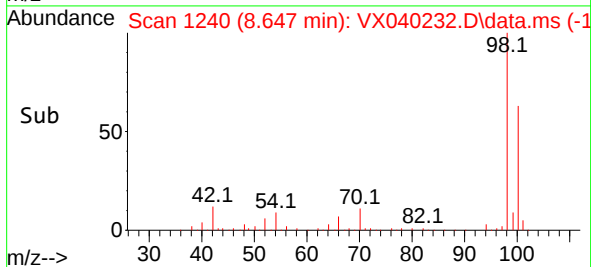
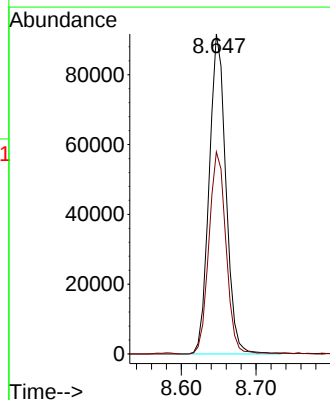
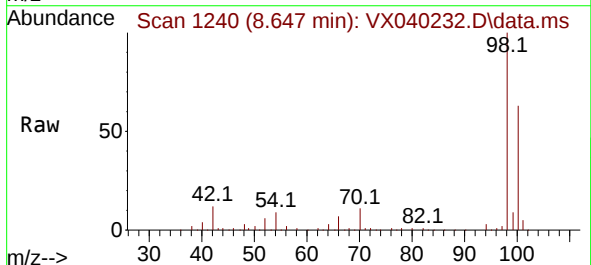
Instrument :
MSVOA_X
ClientSampleId :
RT3475

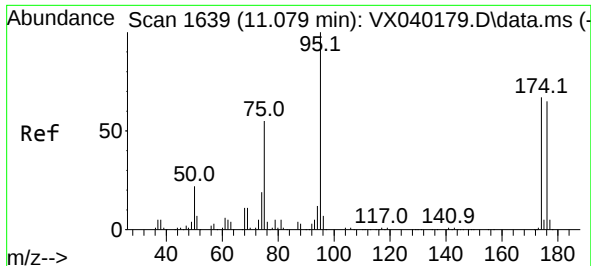
Tgt Ion:113 Resp: 34678
Ion Ratio Lower Upper
113 100
111 100.4 82.9 124.3
192 19.1 13.3 19.9



#50
Toluene-d8
Concen: 46.728 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040232.D
Acq: 14 Feb 2024 19:45

Tgt Ion: 98 Resp: 142639
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 45.290 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040232.D

Acq: 14 Feb 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

RT3475

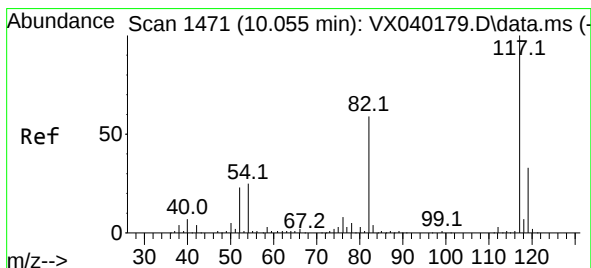
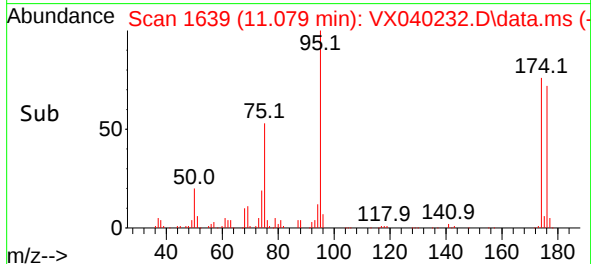
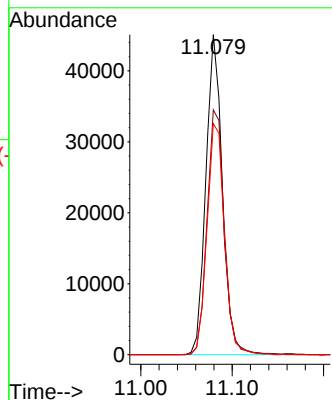
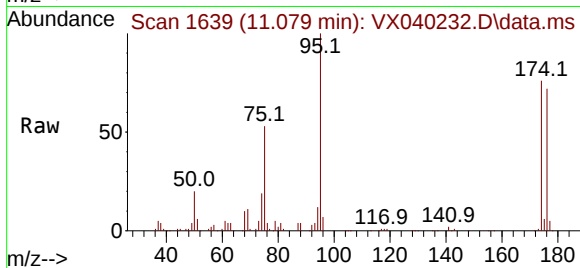
Tgt Ion: 95 Resp: 56383

Ion Ratio Lower Upper

95 100

174 80.5 0.0 135.6

176 76.2 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: VX040232.D

Acq: 14 Feb 2024 19:45

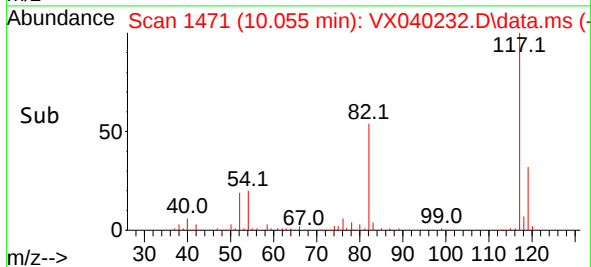
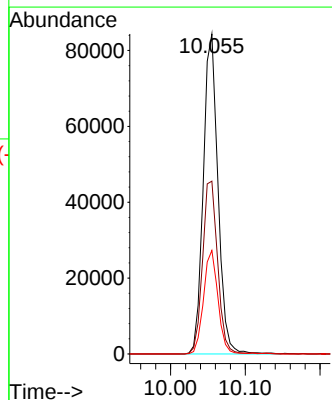
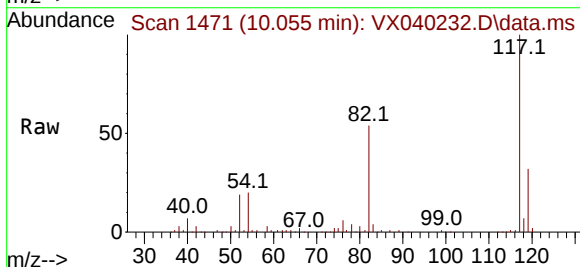
Tgt Ion: 117 Resp: 114921

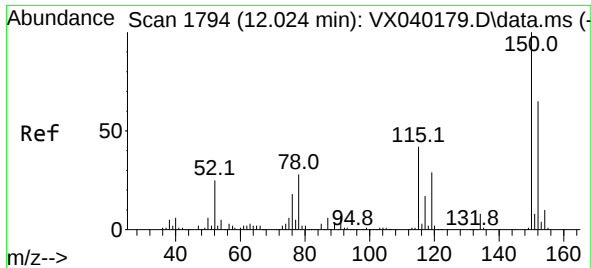
Ion Ratio Lower Upper

117 100

82 54.0 46.2 69.4

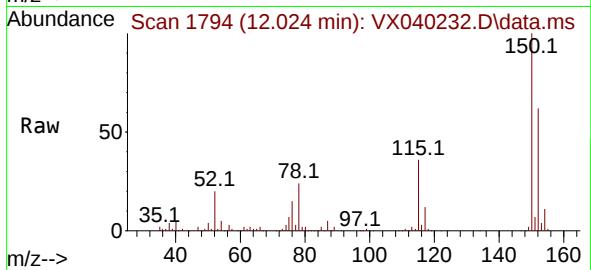
119 32.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040232.D
 Acq: 14 Feb 2024 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 RT3475



Tgt Ion:152 Resp: 59073
 Ion Ratio Lower Upper
 152 100
 115 60.6 43.3 129.9
 150 161.2 0.0 345.0

