

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
 Data File : VX040249.D
 Acq On : 15 Feb 2024 14:05
 Operator : JC/MD
 Sample : P1458-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A1163

Quant Time: Feb 16 00:48:50 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)

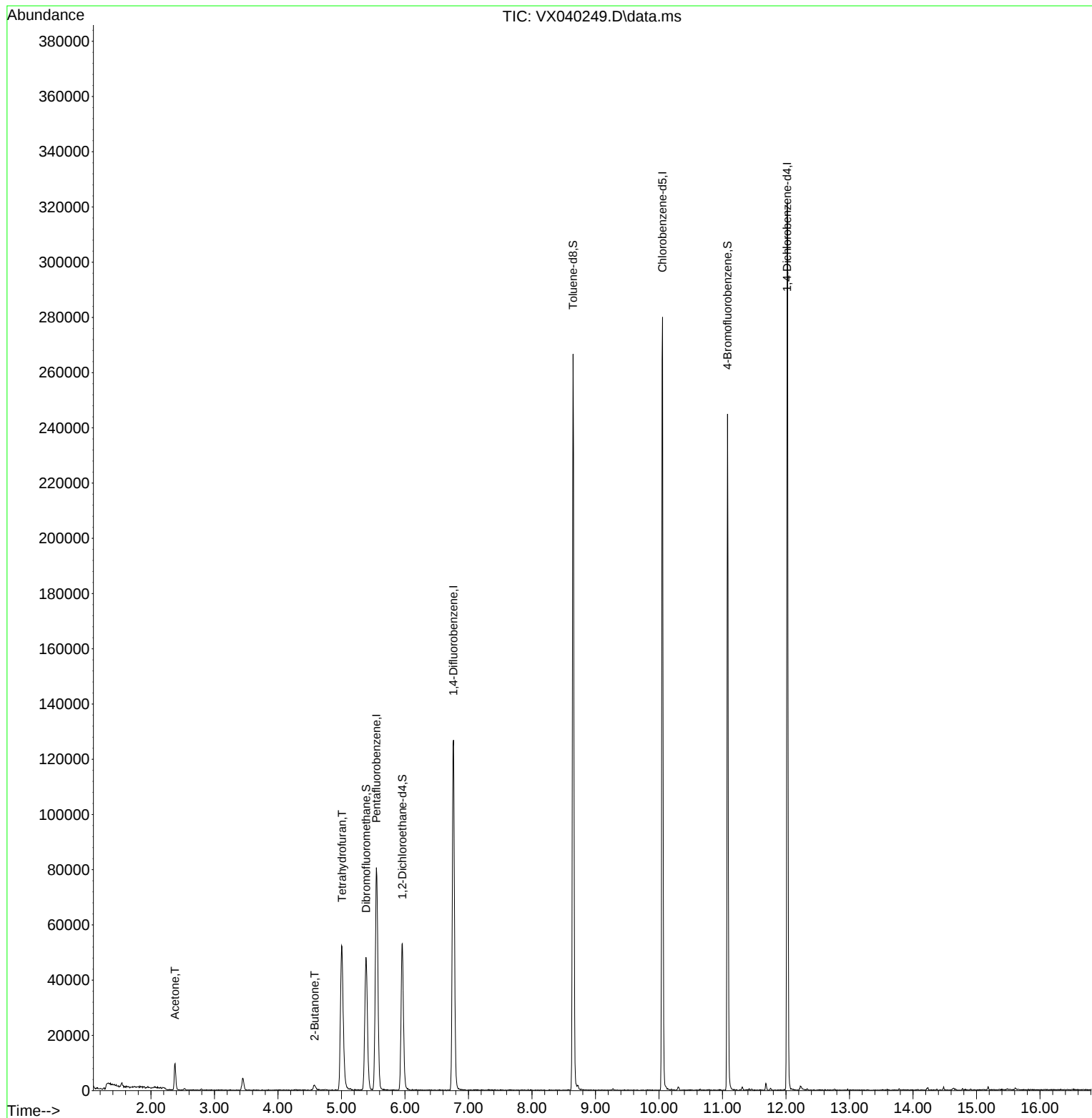
Internal Standards						
1) Pentafluorobenzene	5.550	168	79190	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	130678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50820	43.137	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.280%
35) Dibromofluoromethane	5.385	113	41995	46.018	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.040%
50) Toluene-d8	8.647	98	159576	46.746	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.500%
62) 4-Bromofluorobenzene	11.079	95	62447	44.854	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.700%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	10715	22.145	ug/l	99
25) 2-Butanone	4.574	43	3446	4.556	ug/l	99
29) Tetrahydrofuran	5.007	42	49294	100.038	ug/l	95

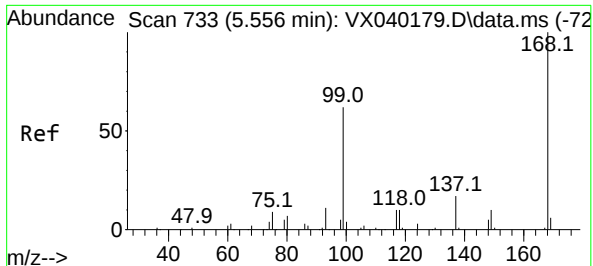
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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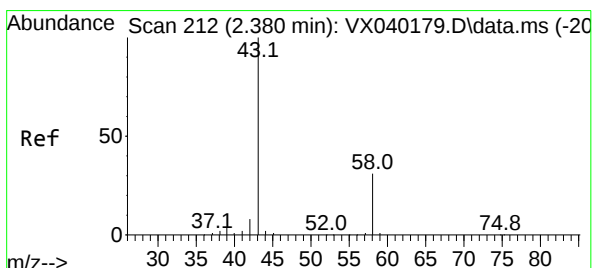
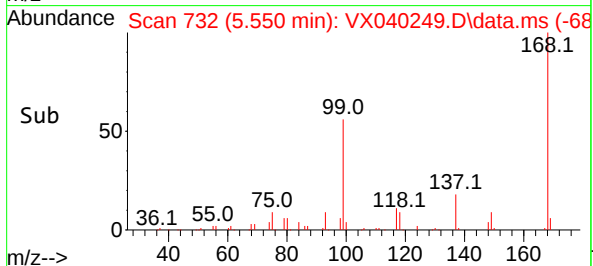
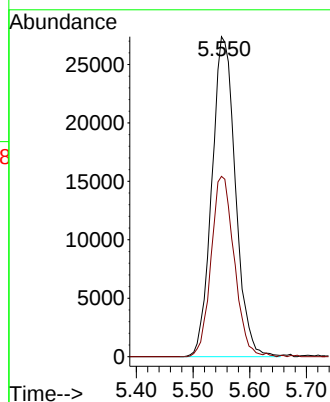
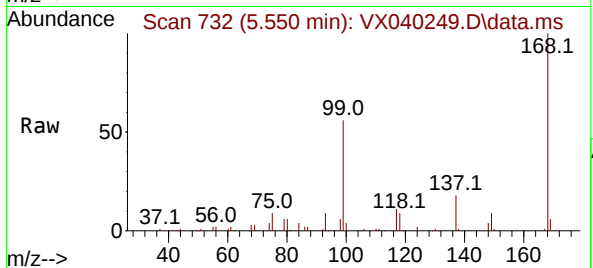




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

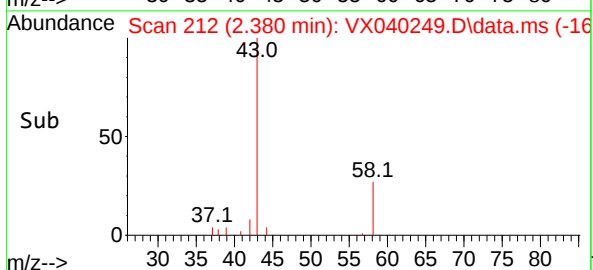
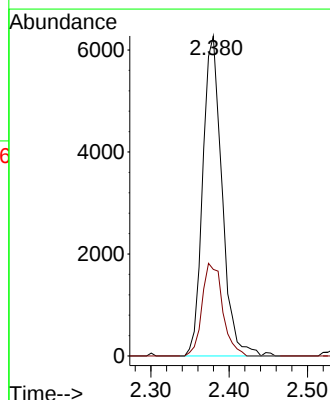
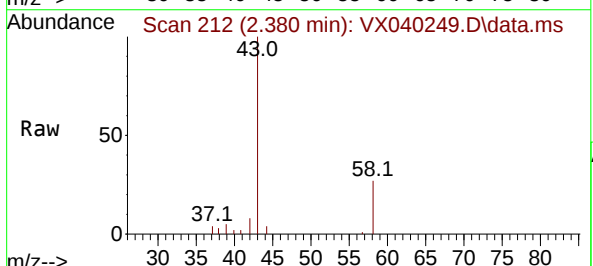
Instrument :
MSVOA_X
ClientSampleId :
A1163

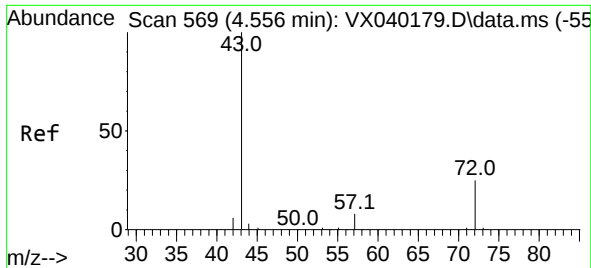
Tgt Ion:168 Resp: 79190
Ion Ratio Lower Upper
168 100
99 56.3 56.6 85.0#



#16
Acetone
Concen: 22.145 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

Tgt Ion: 43 Resp: 10715
Ion Ratio Lower Upper
43 100
58 27.1 21.9 32.9

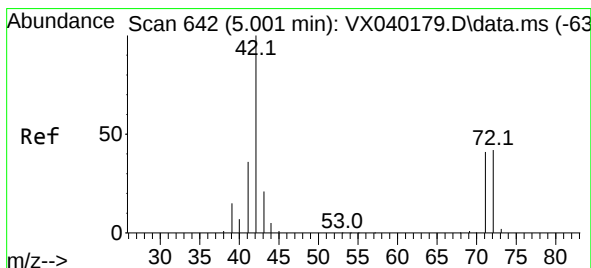
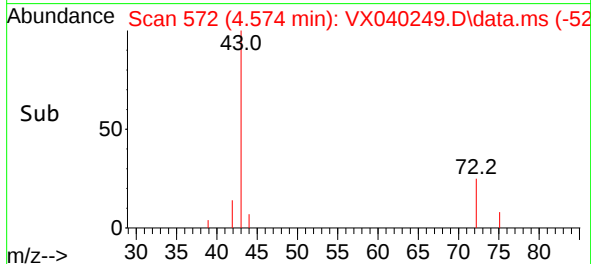
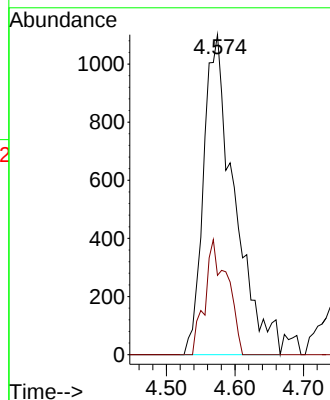
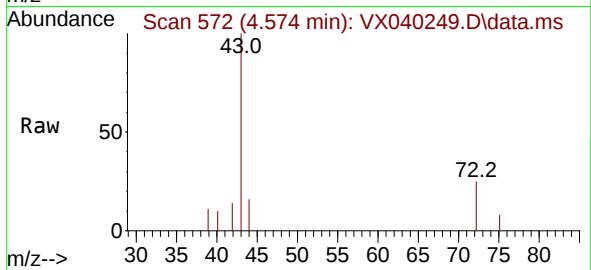




#25
2-Butanone
Concen: 4.556 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

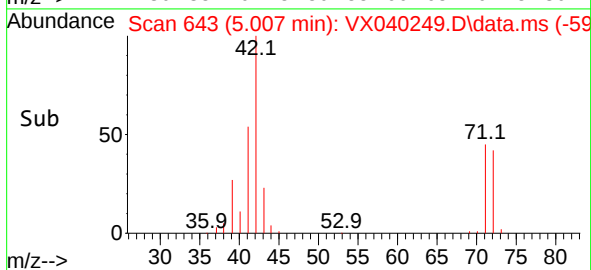
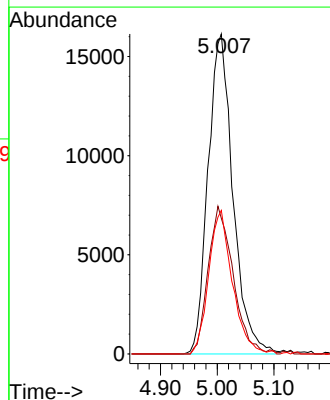
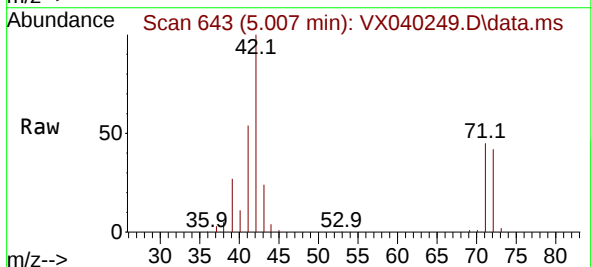
Instrument :
MSVOA_X
ClientSampleId :
A1163

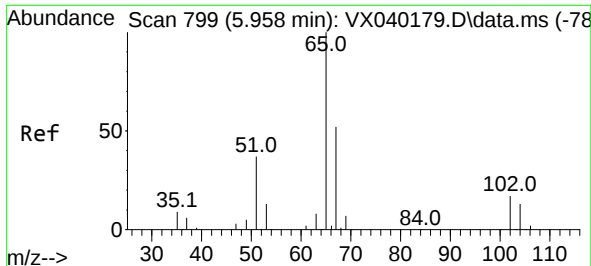
Tgt Ion: 43 Resp: 3446
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2



#29
Tetrahydrofuran
Concen: 100.038 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

Tgt Ion: 42 Resp: 49294
Ion Ratio Lower Upper
42 100
72 46.2 34.2 51.4
71 42.7 32.2 48.2

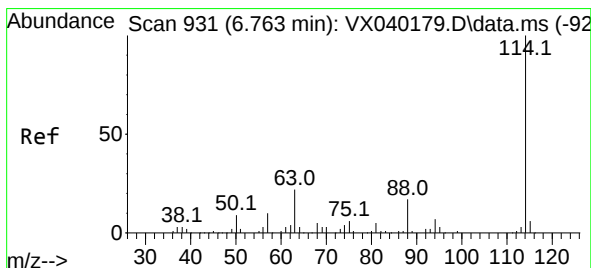
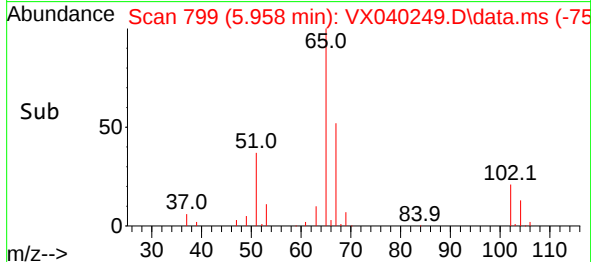
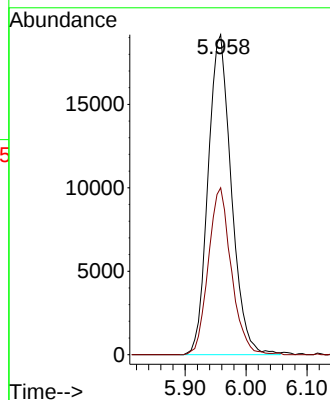
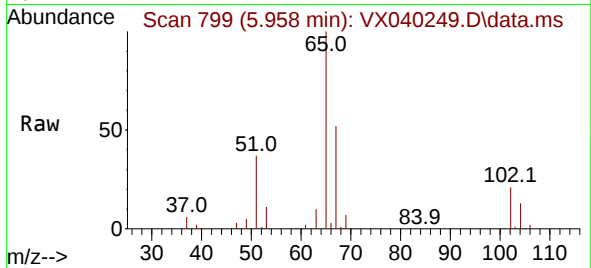




#33
 1,2-Dichloroethane-d4
 Concen: 43.137 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX040249.D
 Acq: 15 Feb 2024 14:05

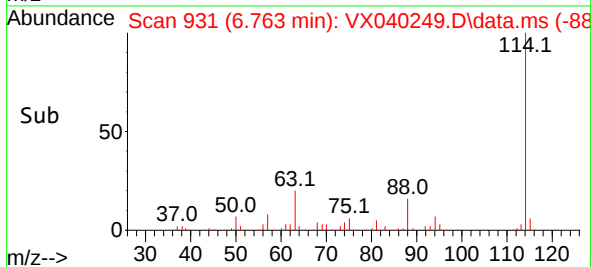
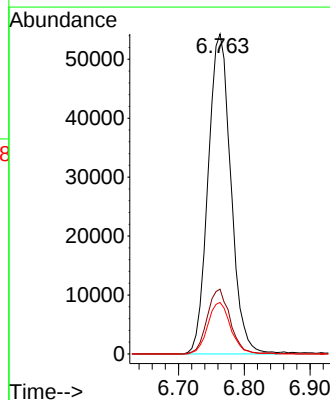
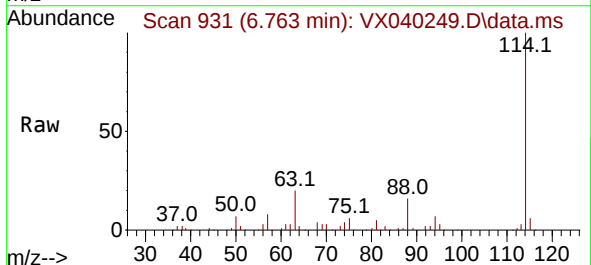
Instrument :
 MSVOA_X
 ClientSampleId :
 A1163

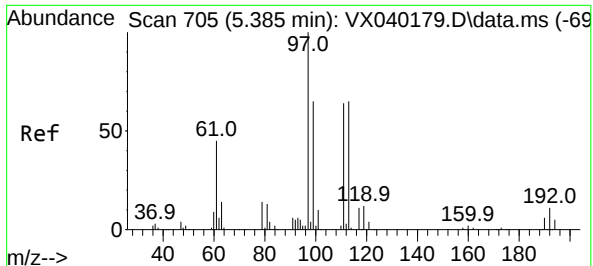
Tgt Ion: 65 Resp: 50820
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX040249.D
 Acq: 15 Feb 2024 14:05

Tgt Ion: 114 Resp: 130678
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 45.0
 88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.018 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040249.D

Acq: 15 Feb 2024 14:05

Instrument :

MSVOA_X

ClientSampleId :

A1163

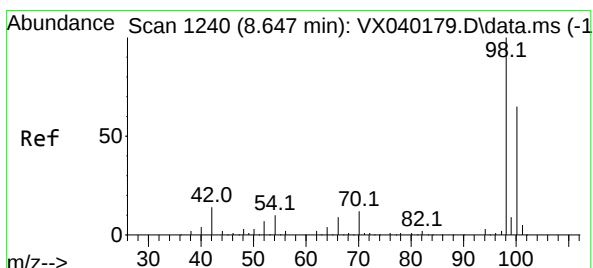
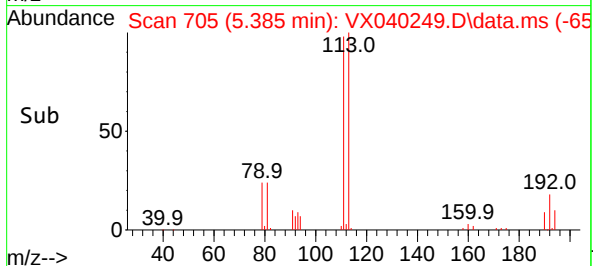
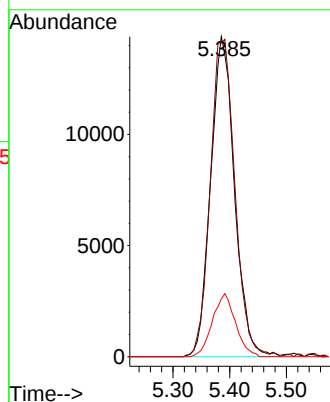
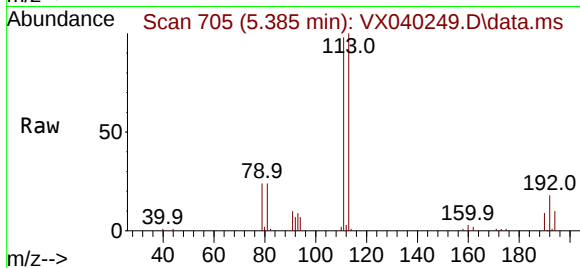
Tgt Ion:113 Resp: 41995

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

192 19.1 13.3 19.9



#50

Toluene-d8

Concen: 46.746 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX040249.D

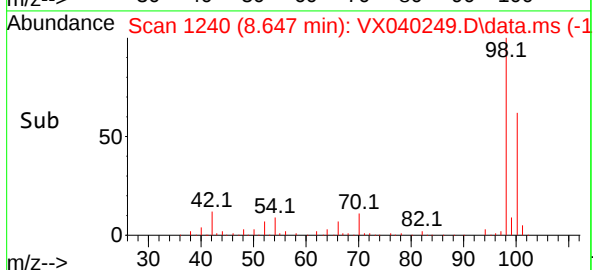
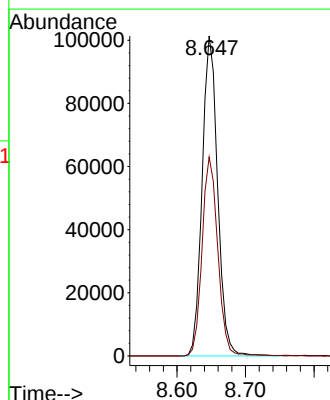
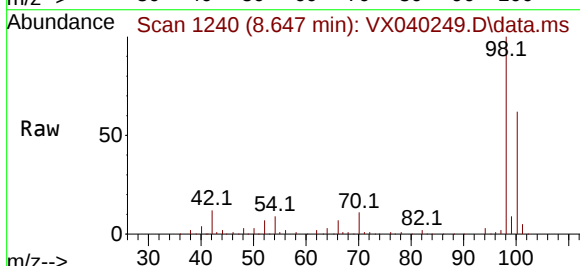
Acq: 15 Feb 2024 14:05

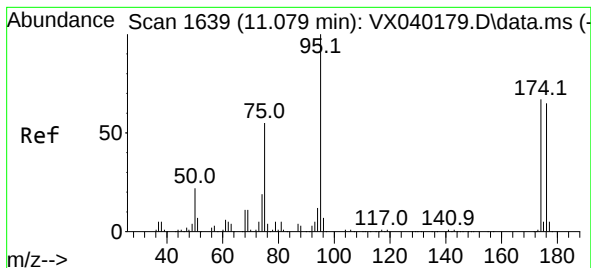
Tgt Ion: 98 Resp: 159576

Ion Ratio Lower Upper

98 100

100 63.0 53.1 79.7

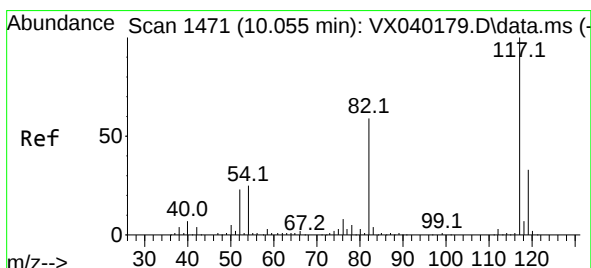
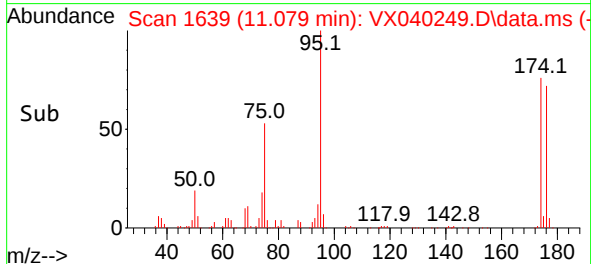
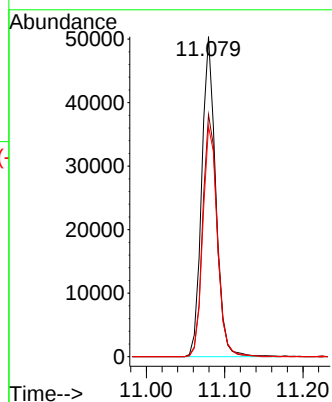
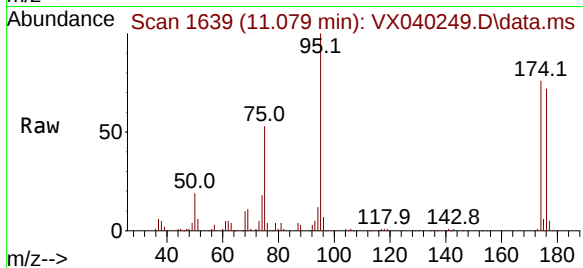




#62
4-Bromofluorobenzene
Concen: 44.854 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

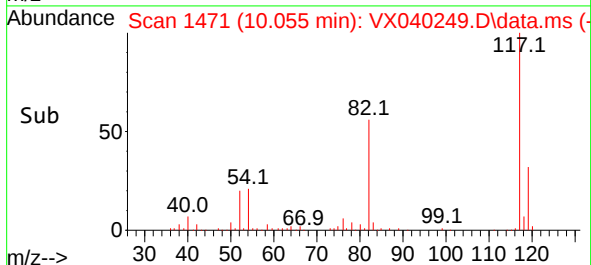
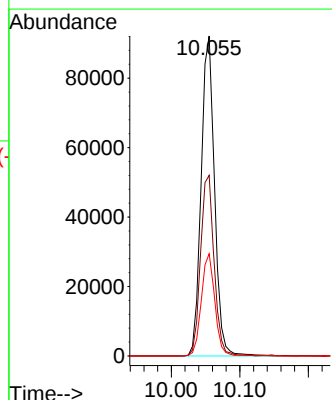
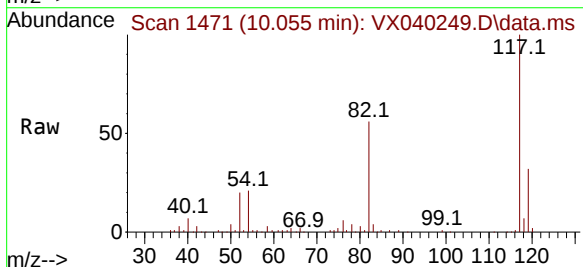
Instrument :
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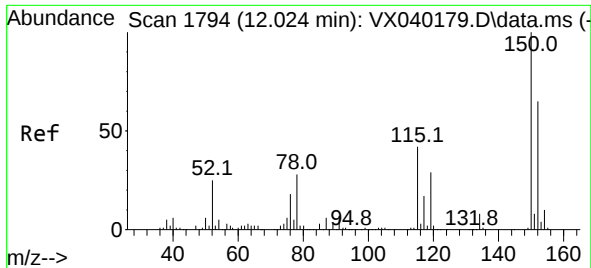
Tgt Ion: 95 Resp: 62447
Ion Ratio Lower Upper
95 100
174 79.1 0.0 135.6
176 74.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040249.D
Acq: 15 Feb 2024 14:05

Tgt Ion: 117 Resp: 125730
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040249.D

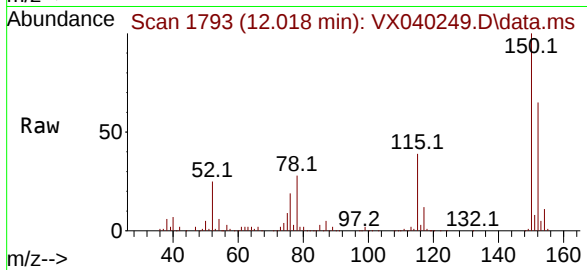
Acq: 15 Feb 2024 14:05

Instrument :

MSVOA_X

ClientSampleId :

A1163



Tgt Ion:152 Resp: 65663

Ion Ratio Lower Upper

152 100

115 60.5 43.3 129.9

150 157.0 0.0 345.0

