

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091720\
 Data File : VX018469.D
 Acq On : 17 Sep 2020 16:23
 Operator : JC/SP
 Sample : L4014-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Sep 18 07:02:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

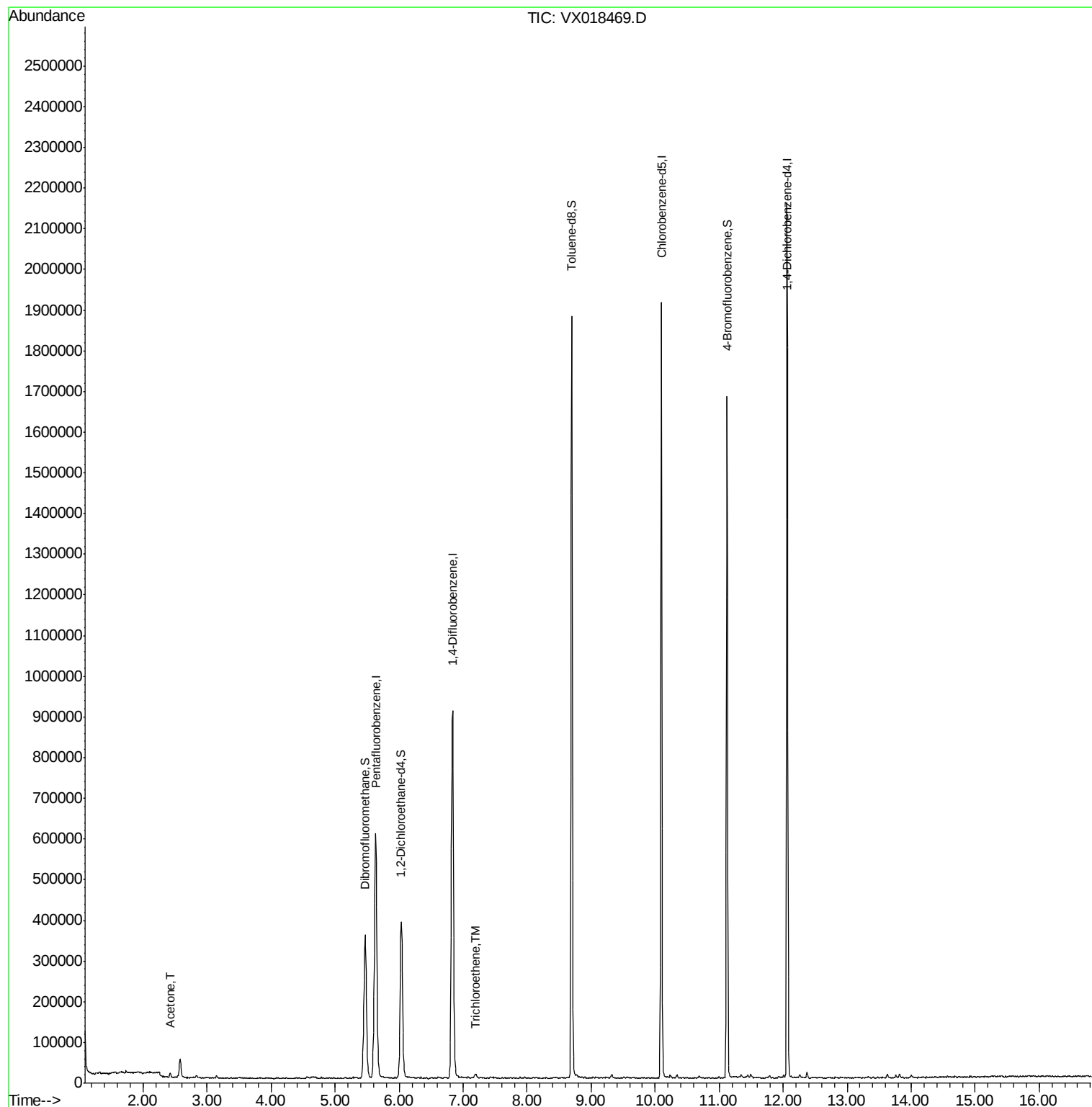
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	570098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	902710	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	864403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	427727	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	381133	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
35) Dibromofluoromethane	5.47	113	304536	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
50) Toluene-d8	8.70	98	1107468	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.12	95	419986	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
Target Compounds						
16) Acetone	2.42	43	10778	3.494	ug/l	99
44) Trichloroethene	7.20	130	4266	0.587	ug/l	57

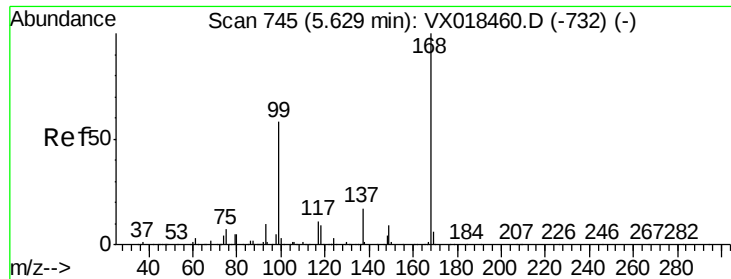
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018469.D

Acq: 17 Sep 2020 16:23

Instrument :

MSVOA_X

ClientSampleId :

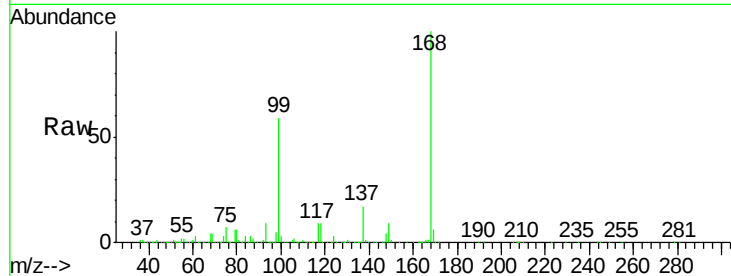
MW-2

Tot Ion:168 Resp: 570098

Ion Ratio Lower Upper

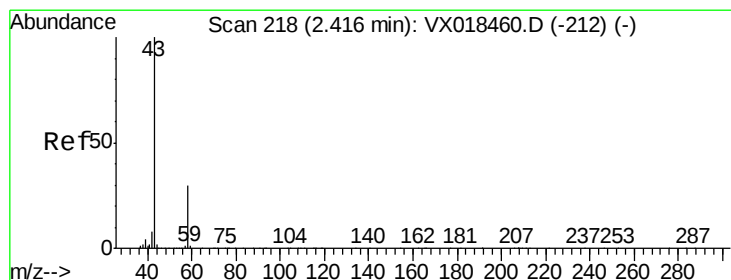
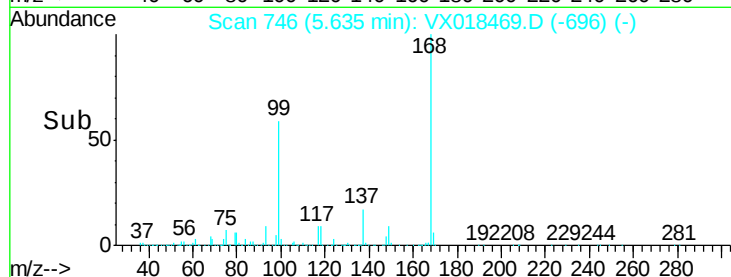
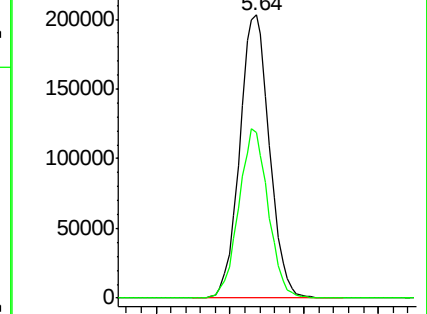
168 100

99 58.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.494 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018469.D

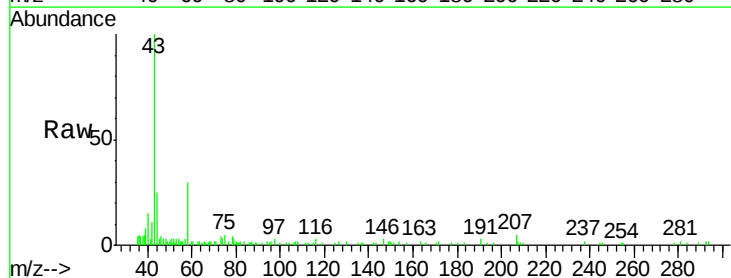
Acq: 17 Sep 2020 16:23

Tgt Ion: 43 Resp: 10778

Ion Ratio Lower Upper

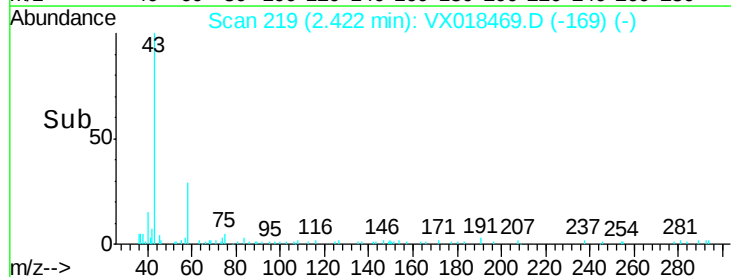
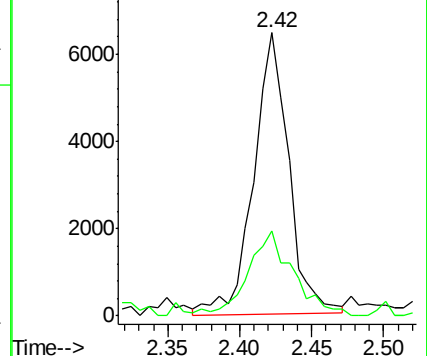
43 100

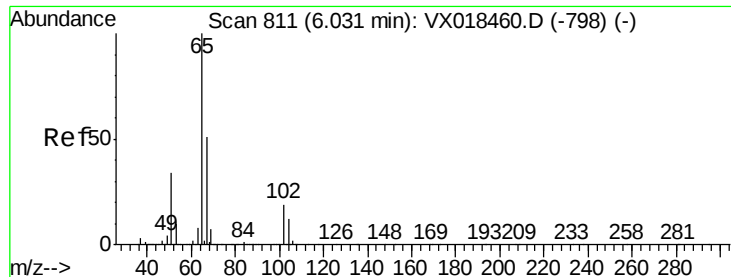
58 29.7 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.258 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018469.D

Acq: 17 Sep 2020 16:23

Instrument :

MSVOA_X

ClientSampleId :

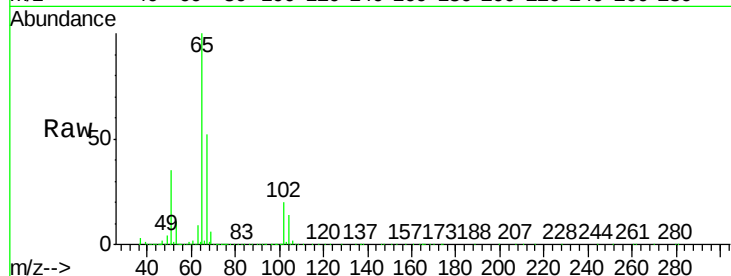
MW-2

Tot Ion: 65 Resp: 381133

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

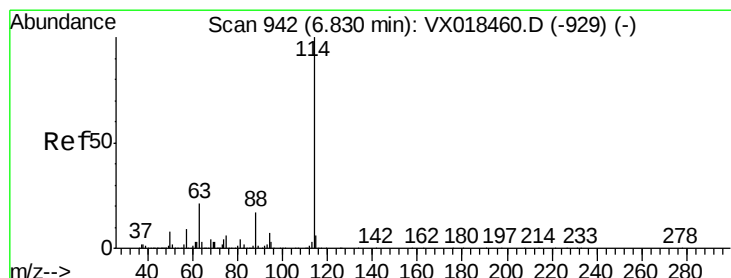
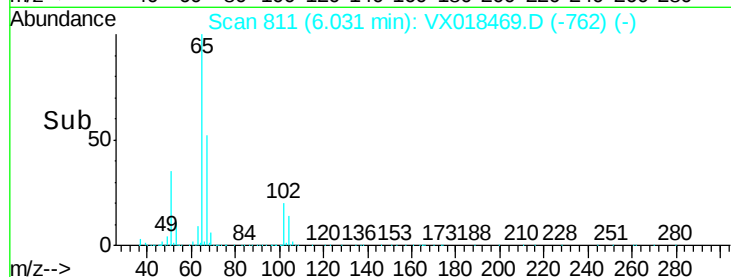
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018469.D

Acq: 17 Sep 2020 16:23

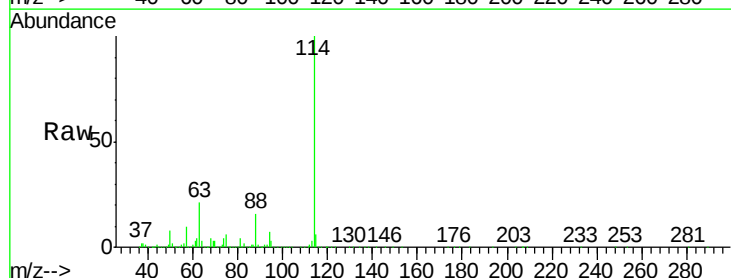
Tgt Ion: 114 Resp: 902710

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.8

88 16.4 0.0 33.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

500000

400000

300000

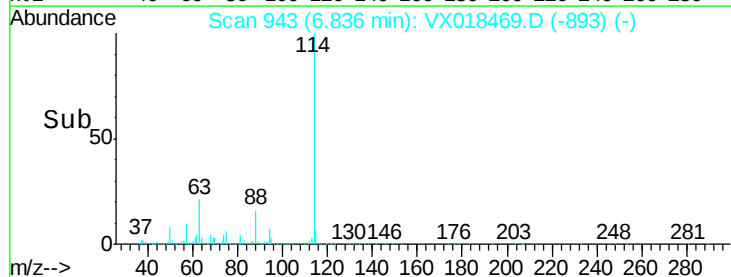
200000

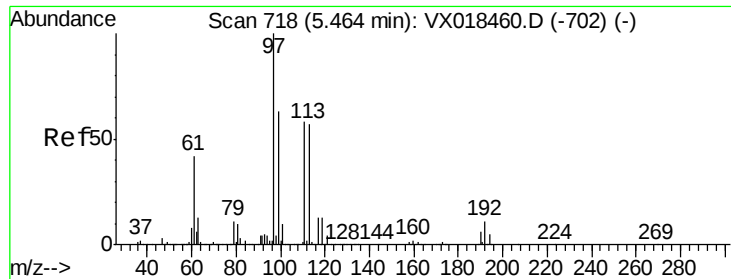
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.799 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018469.D

Acq: 17 Sep 2020 16:23

Instrument :

MSVOA_X

ClientSampleId :

MW-2

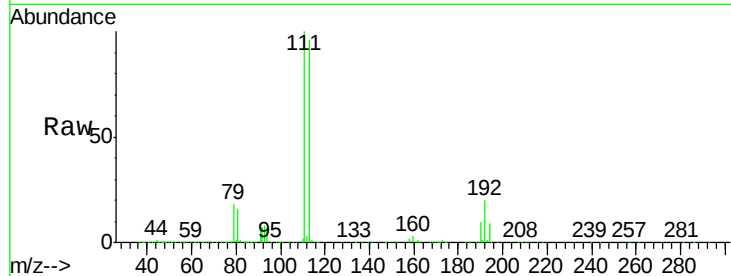
Tot Ion:113 Resp: 304536

Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.2

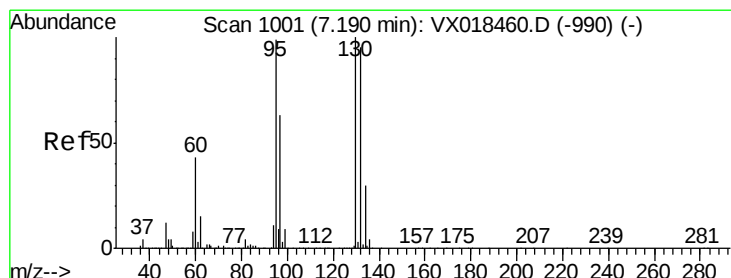
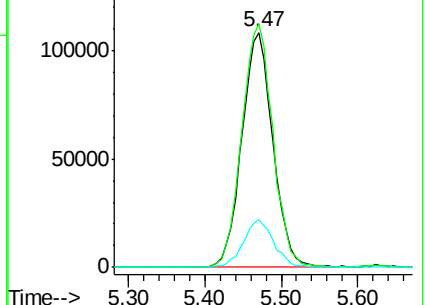
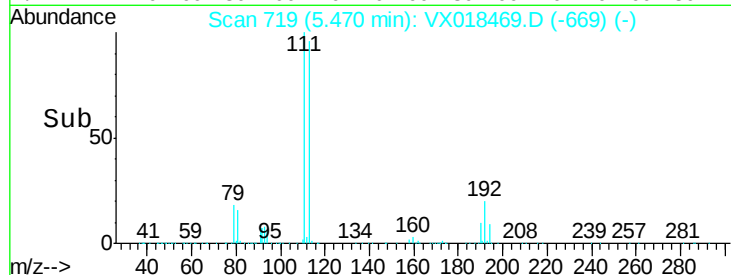
192 19.8 16.6 24.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#44

Trichloroethene

Concen: 0.587 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX018469.D

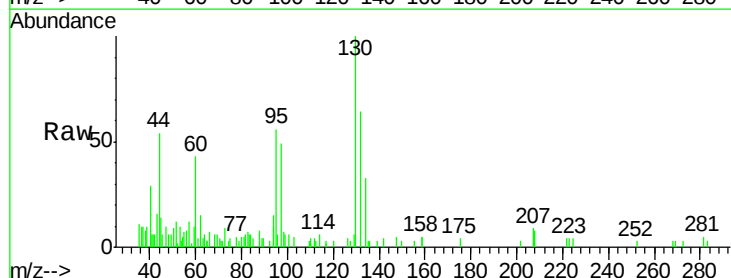
Acq: 17 Sep 2020 16:23

Tgt Ion:130 Resp: 4266

Ion Ratio Lower Upper

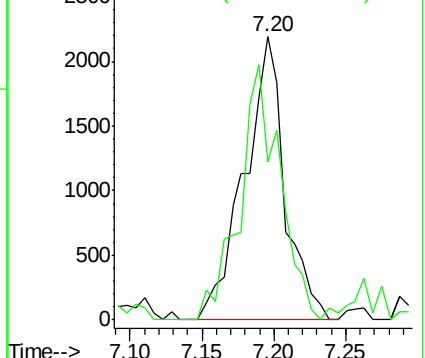
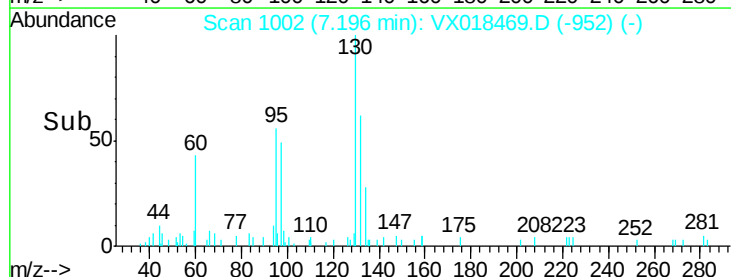
130 100

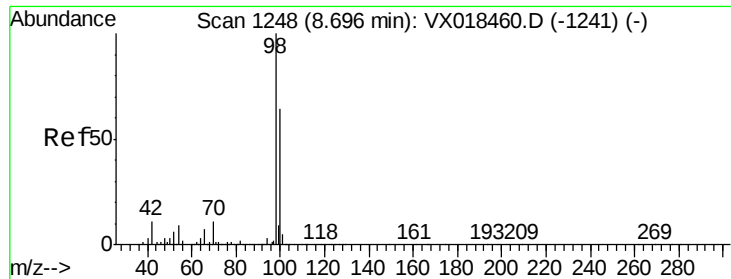
95 56.0 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 48.843 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018469.D

Acq: 17 Sep 2020 16:23

Instrument :

MSVOA_X

ClientSampleId :

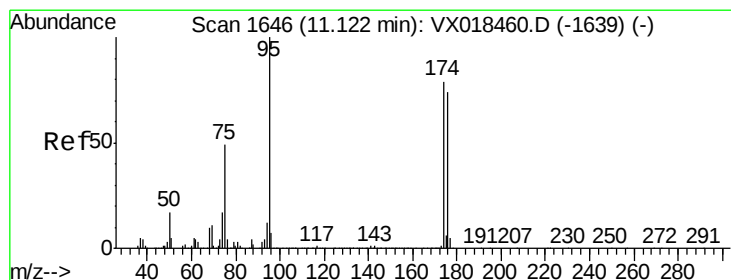
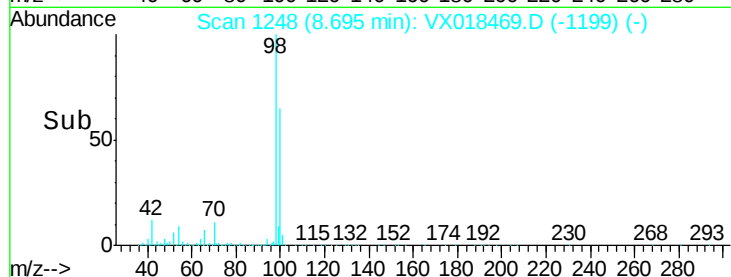
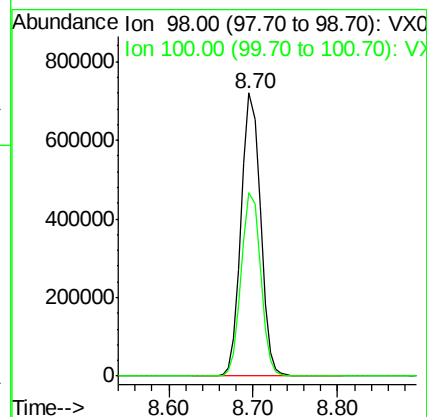
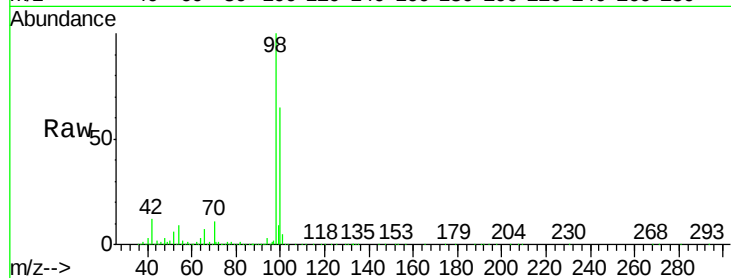
MW-2

Tot Ion: 98 Resp: 1107468

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 46.566 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018469.D

Acq: 17 Sep 2020 16:23

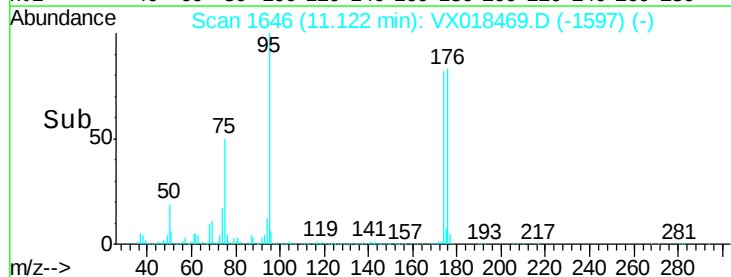
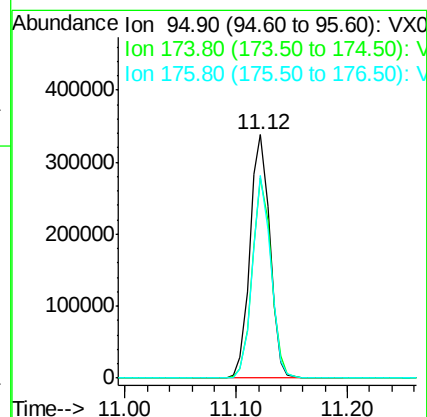
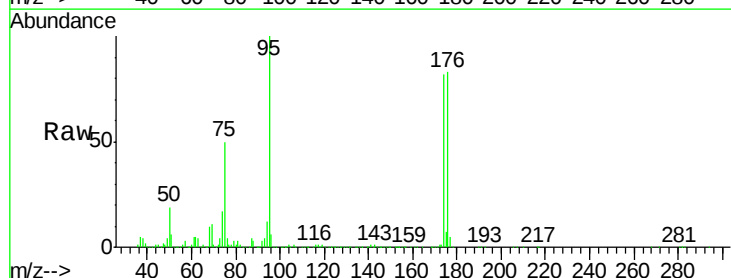
Tgt Ion: 95 Resp: 419986

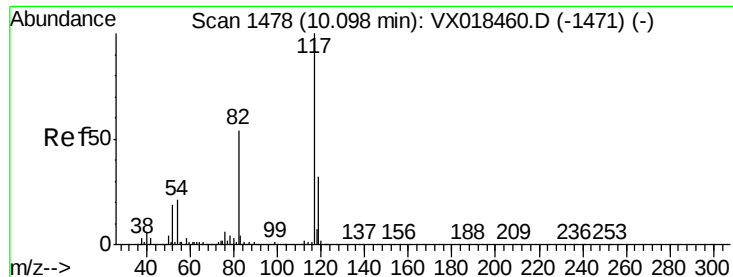
Ion Ratio Lower Upper

95 100

174 79.0 0.0 161.4

176 77.4 0.0 151.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018469.D

Acq: 17 Sep 2020 16:23

Instrument :

MSVOA_X

ClientSampled :

MW-2

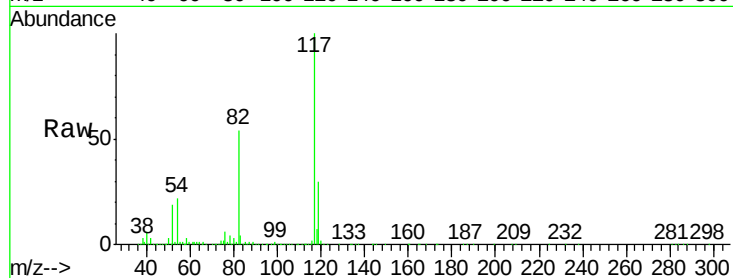
Tot Ion:117 Resp: 864403

Ion Ratio Lower Upper

117 100

82 54.0 43.3 64.9

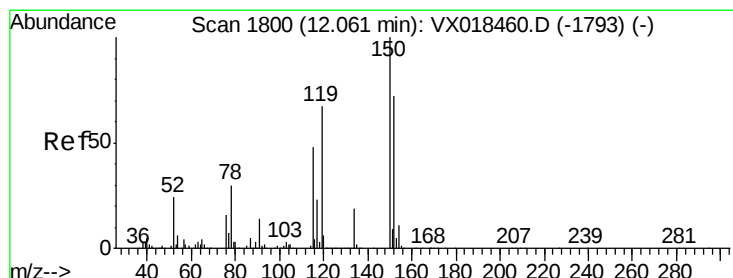
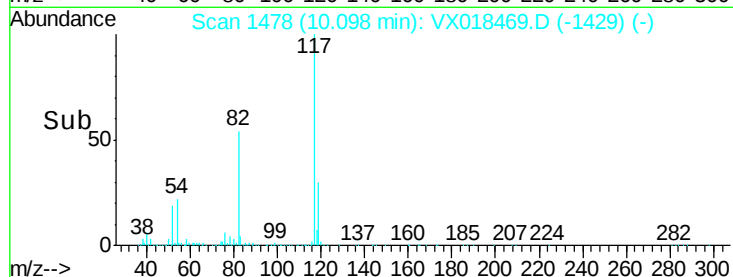
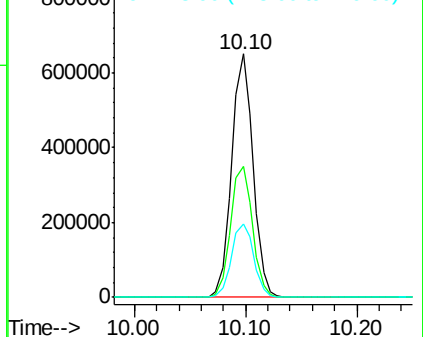
119 30.2 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018469.D

Acq: 17 Sep 2020 16:23

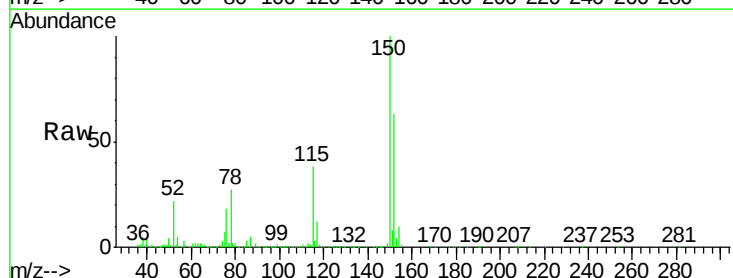
Tgt Ion:152 Resp: 427727

Ion Ratio Lower Upper

152 100

115 59.6 41.8 125.4

150 155.0 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

