

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060920\
 Data File : VX016660.D
 Acq On : 09 Jun 2020 13:46
 Operator : JC/SP
 Sample : L2949-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Jun 10 05:48:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

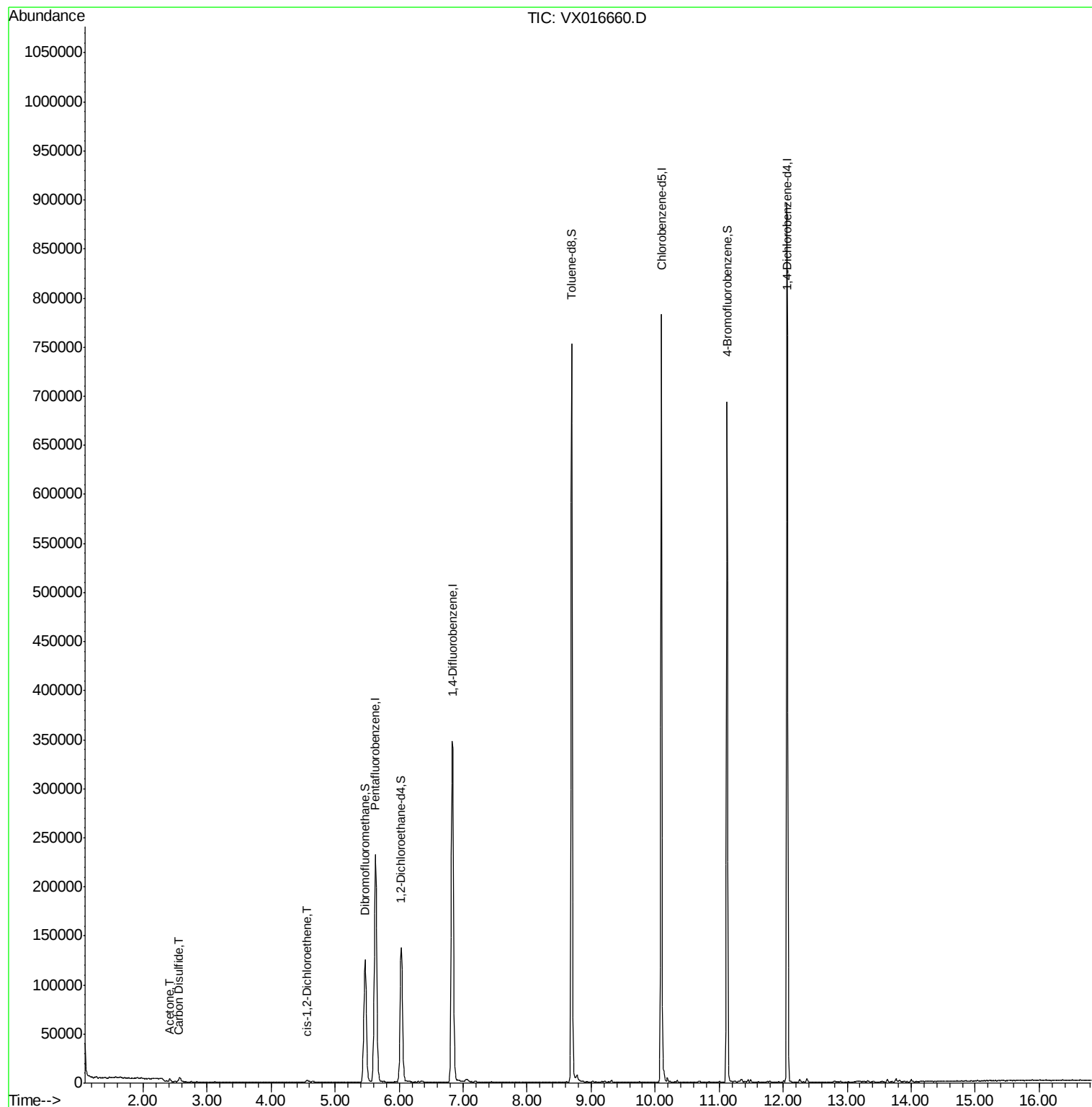
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	228769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	365875	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	372367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	134591	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
35) Dibromofluoromethane	5.46	113	109720	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
50) Toluene-d8	8.70	98	447431	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.12	95	179721	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
Target Compounds						
16) Acetone	2.42	43	3002	2.412	ug/l	95
17) Carbon Disulfide	2.55	76	1533	0.235	ug/l #	91
27) cis-1,2-Dichloroethene	4.57	96	1498	0.532	ug/l	84

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016660.D

Acq: 09 Jun 2020 13:46

Instrument :

MSVOA_X

ClientSampled :

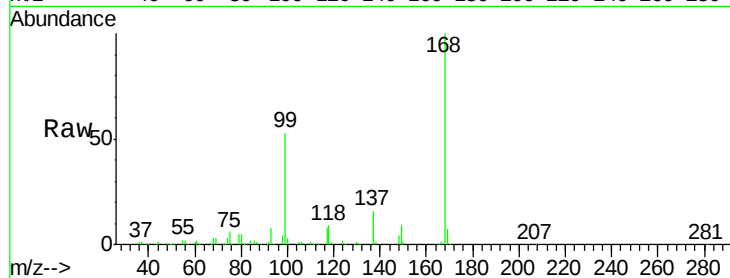
MW-1

Tot Ion:168 Resp: 228769

Ion Ratio Lower Upper

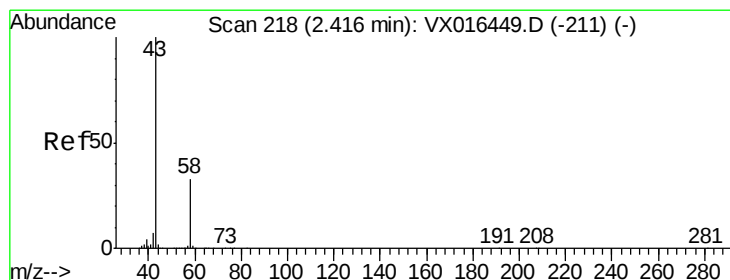
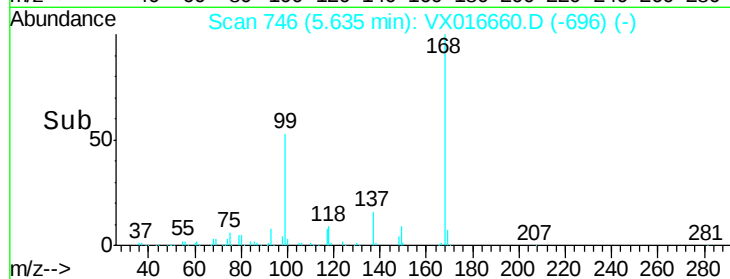
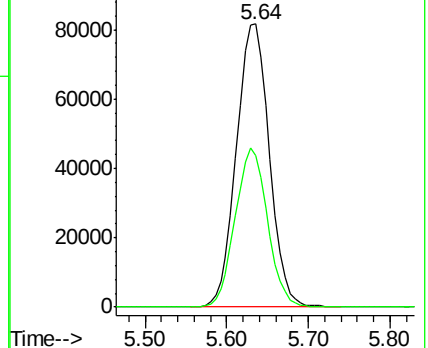
168 100

99 53.3 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.412 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016660.D

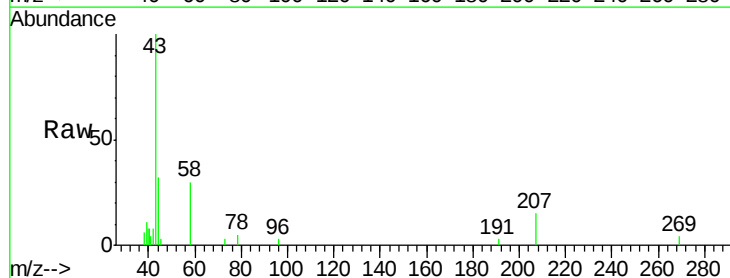
Acq: 09 Jun 2020 13:46

Tgt Ion: 43 Resp: 3002

Ion Ratio Lower Upper

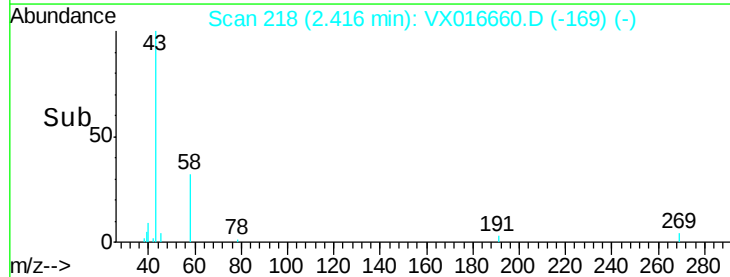
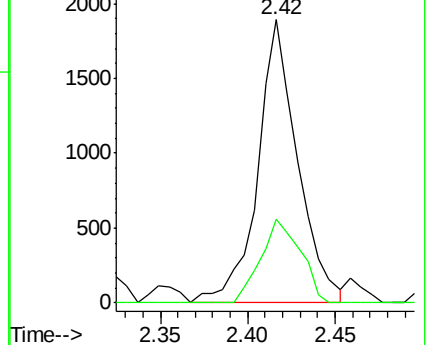
43 100

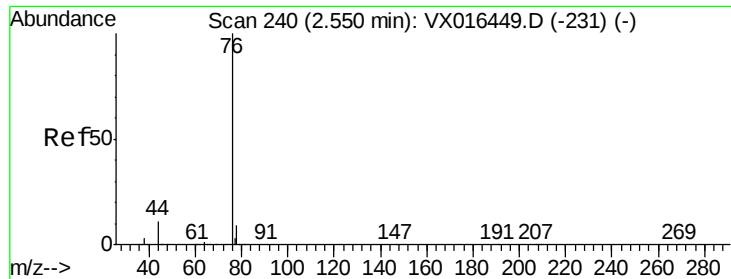
58 29.7 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.235 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016660.D

Acq: 09 Jun 2020 13:46

Instrument :

MSVOA_X

ClientSampled :

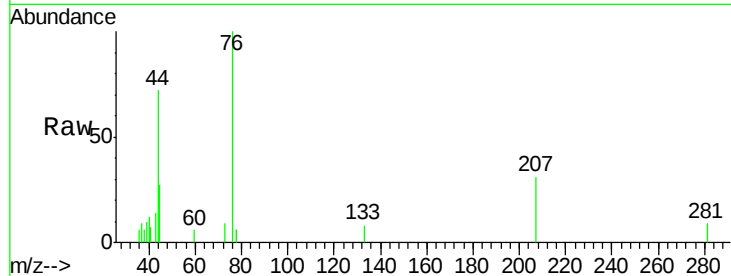
MW-1

Tot Ion: 76 Resp: 1533

Ion Ratio Lower Upper

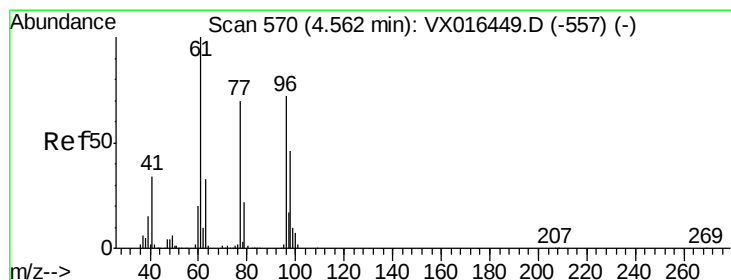
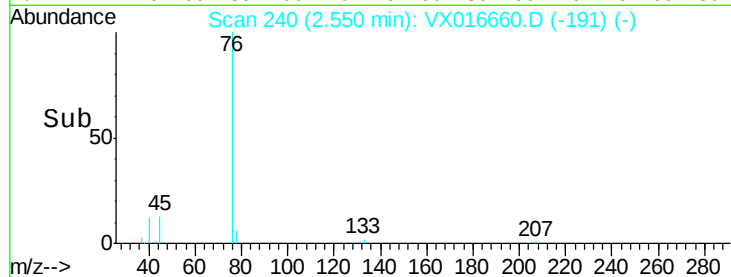
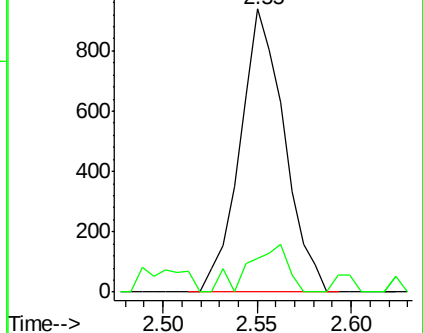
76 100

78 6.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.532 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016660.D

Acq: 09 Jun 2020 13:46

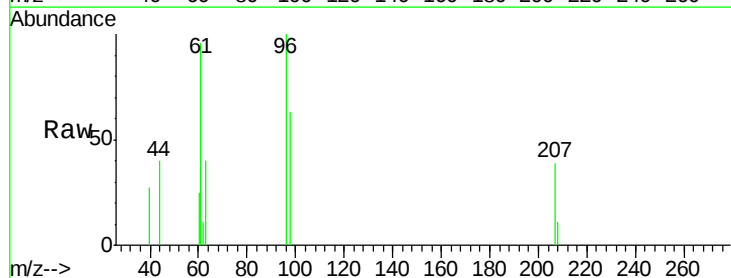
Tgt Ion: 96 Resp: 1498

Ion Ratio Lower Upper

96 100

61 115.0 0.0 284.6

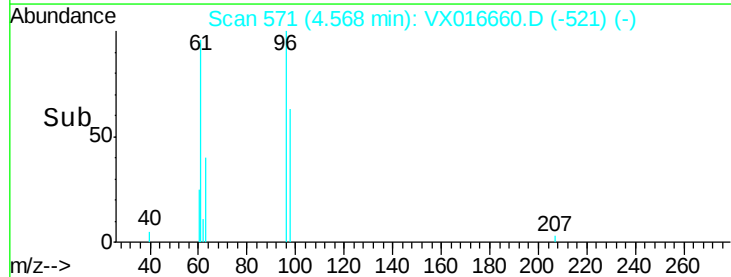
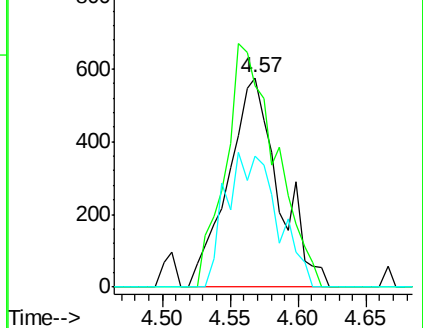
98 65.2 0.0 127.2

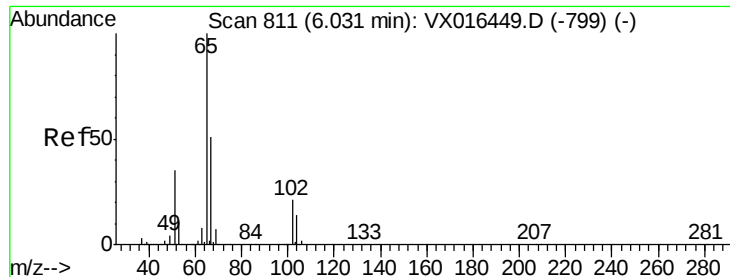


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.374 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016660.D

Acq: 09 Jun 2020 13:46

Instrument :

MSVOA_X

ClientSampleId :

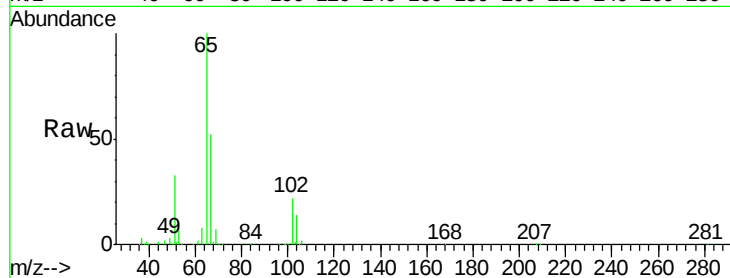
MW-1

Tot Ion: 65 Resp: 134591

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.8

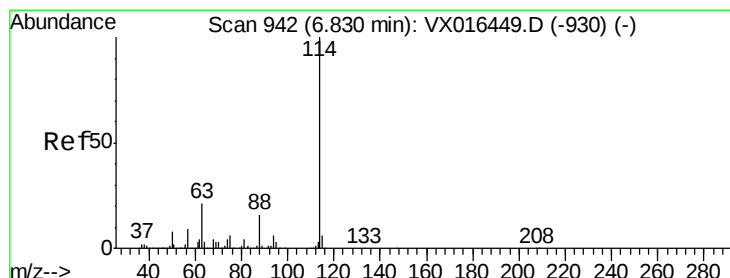
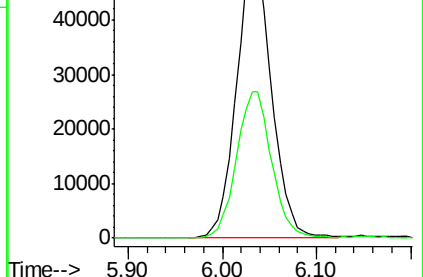
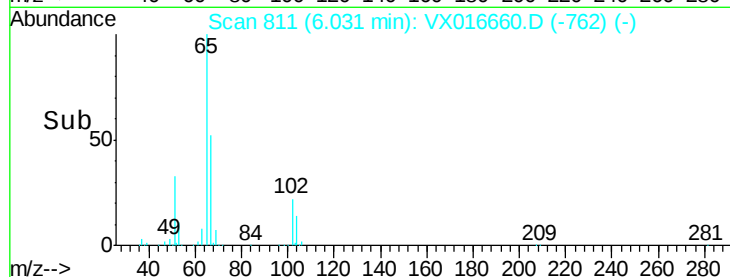


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016660.D

Acq: 09 Jun 2020 13:46

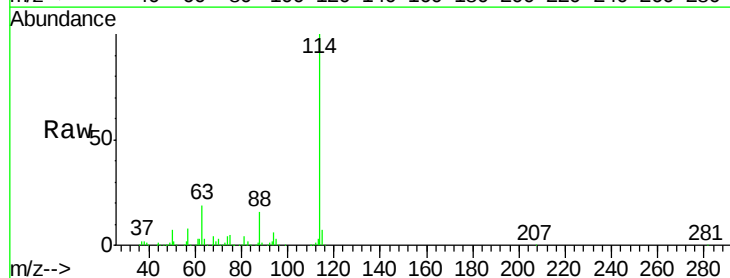
Tgt Ion: 114 Resp: 365875

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.6

88 16.4 0.0 32.8



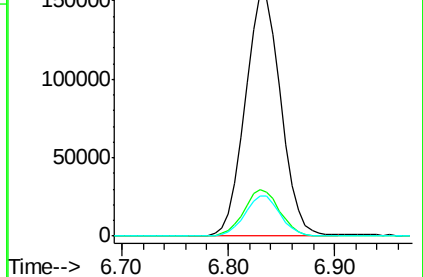
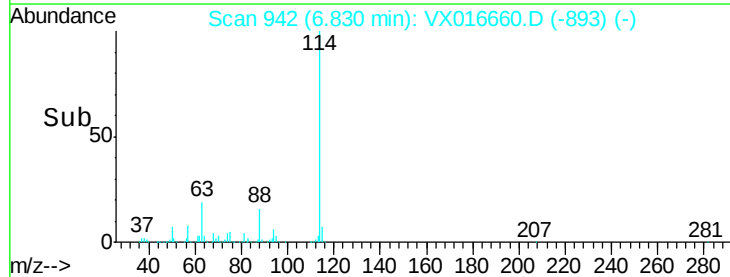
Abundance Ion 113.90 (113.60 to 114.60): V

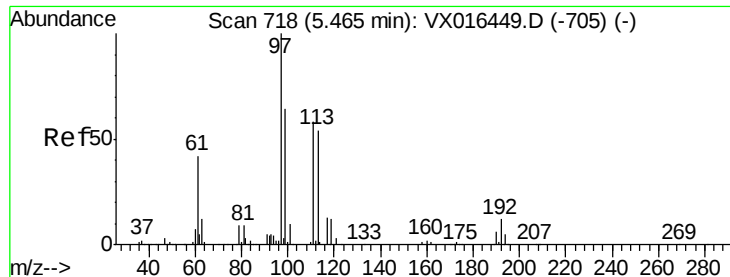
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

Time-->





#35

Dibromofluoromethane

Concen: 48.703 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016660.D

Acq: 09 Jun 2020 13:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1

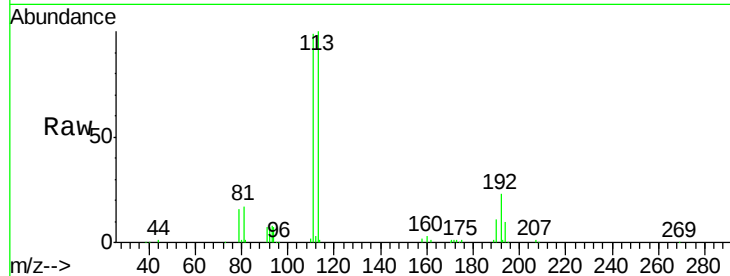
Tot Ion:113 Resp: 109720

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

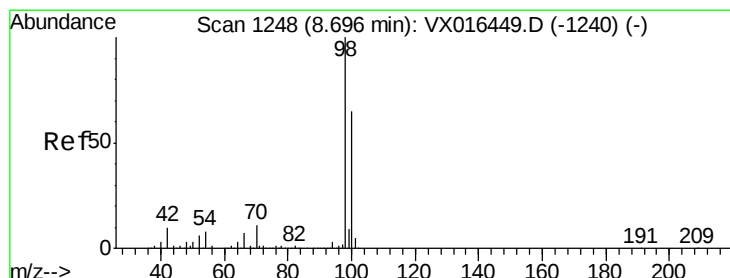
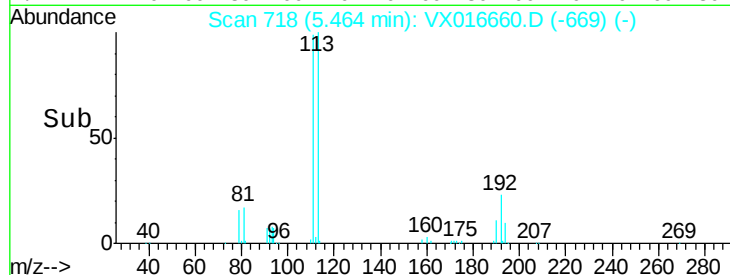
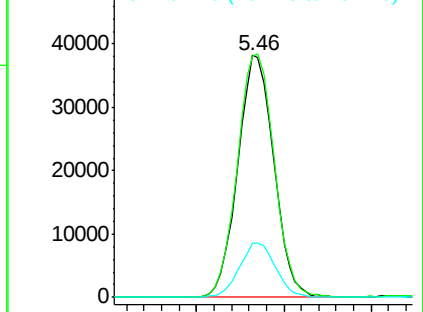
192 22.5 17.7 26.5



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



#50

Toluene-d8

Concen: 51.026 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016660.D

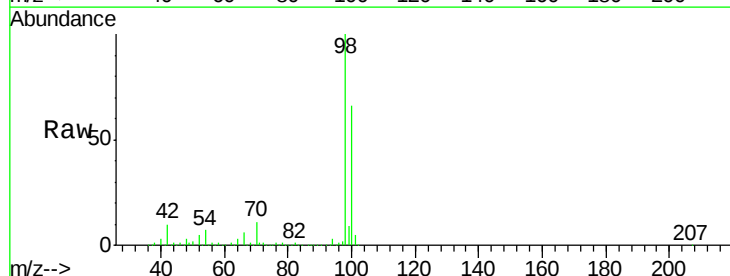
Acq: 09 Jun 2020 13:46

Tgt Ion: 98 Resp: 447431

Ion Ratio Lower Upper

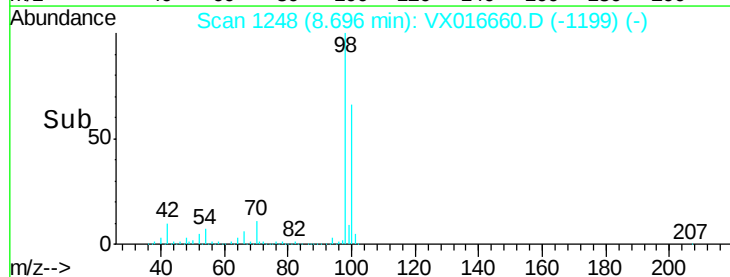
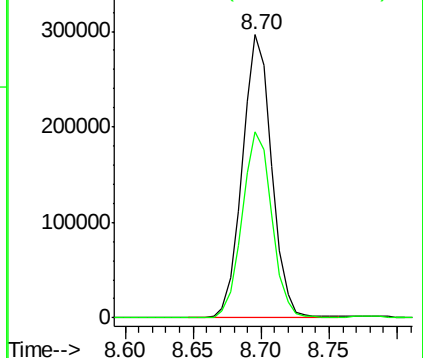
98 100

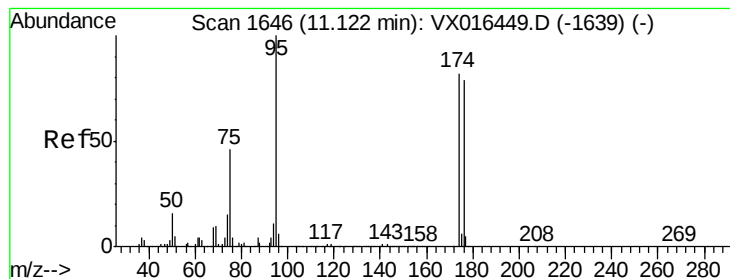
100 66.4 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.044 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016660.D

Acq: 09 Jun 2020 13:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1

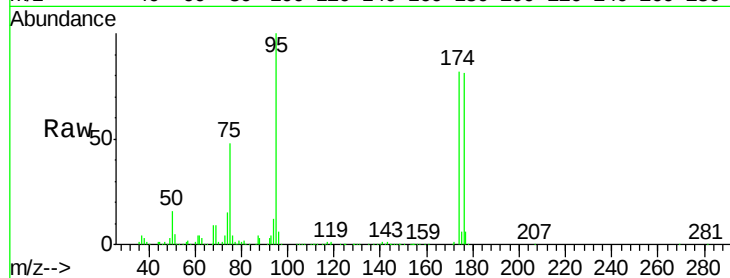
Tot Ion: 95 Resp: 179721

Ion Ratio Lower Upper

95 100

174 85.5 0.0 163.0

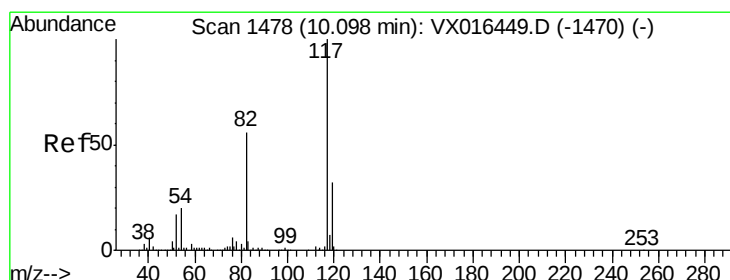
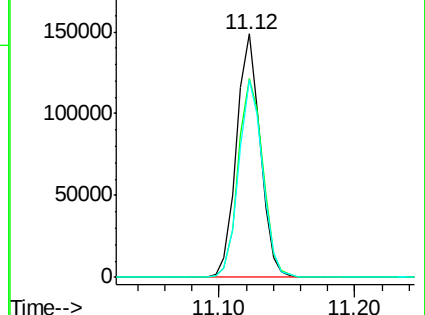
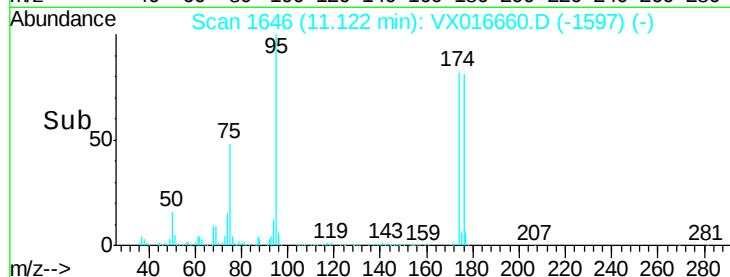
176 82.0 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016660.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016660.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016660.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016660.D

Acq: 09 Jun 2020 13:46

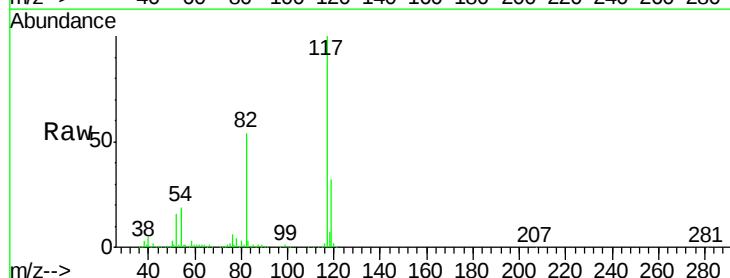
Tgt Ion: 117 Resp: 372367

Ion Ratio Lower Upper

117 100

82 54.4 45.0 67.6

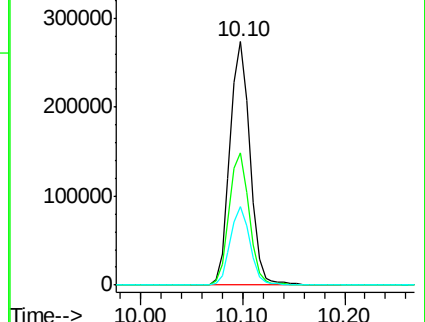
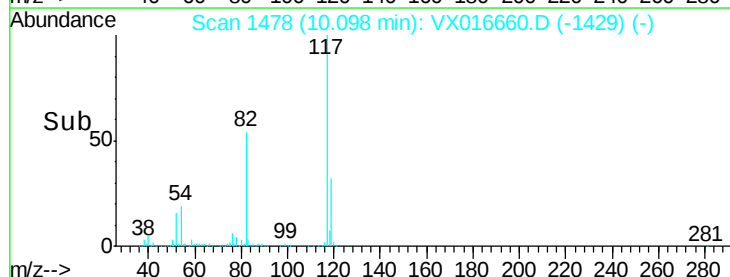
119 32.5 25.8 38.8

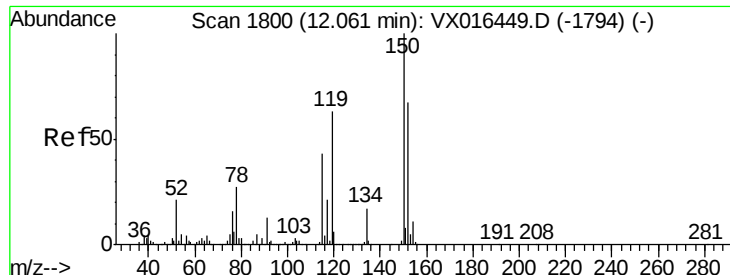


Abundance Ion 116.90 (116.60 to 117.60): VX016660.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016660.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016660.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016660.D

Acq: 09 Jun 2020 13:46

Instrument :

MSVOA_X

ClientSampleId :

MW-1

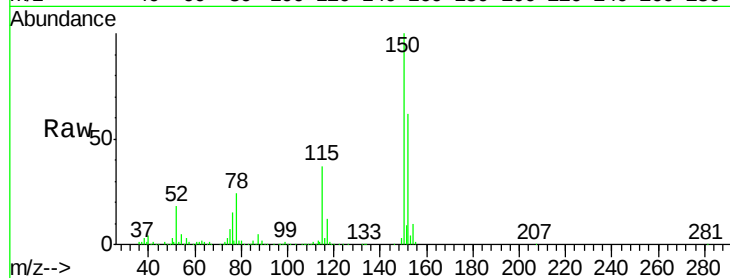
Tot Ion:152 Resp: 188625

Ion Ratio Lower Upper

152 100

115 58.4 39.9 119.6

150 156.1 0.0 341.0



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

