

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019730.D
 Acq On : 04 Dec 2020 20:27
 Operator : JC/MD
 Sample : L4960-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: Dec 05 04:46:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	337133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	549899	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	499064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217572	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	208405	47.03	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.06%
35) Dibromofluoromethane	5.46	113	168531	47.42	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.84%
50) Toluene-d8	8.70	98	659319	48.59	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.18%
62) 4-Bromofluorobenzene	11.12	95	230601	44.65	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.30%

Target Compounds

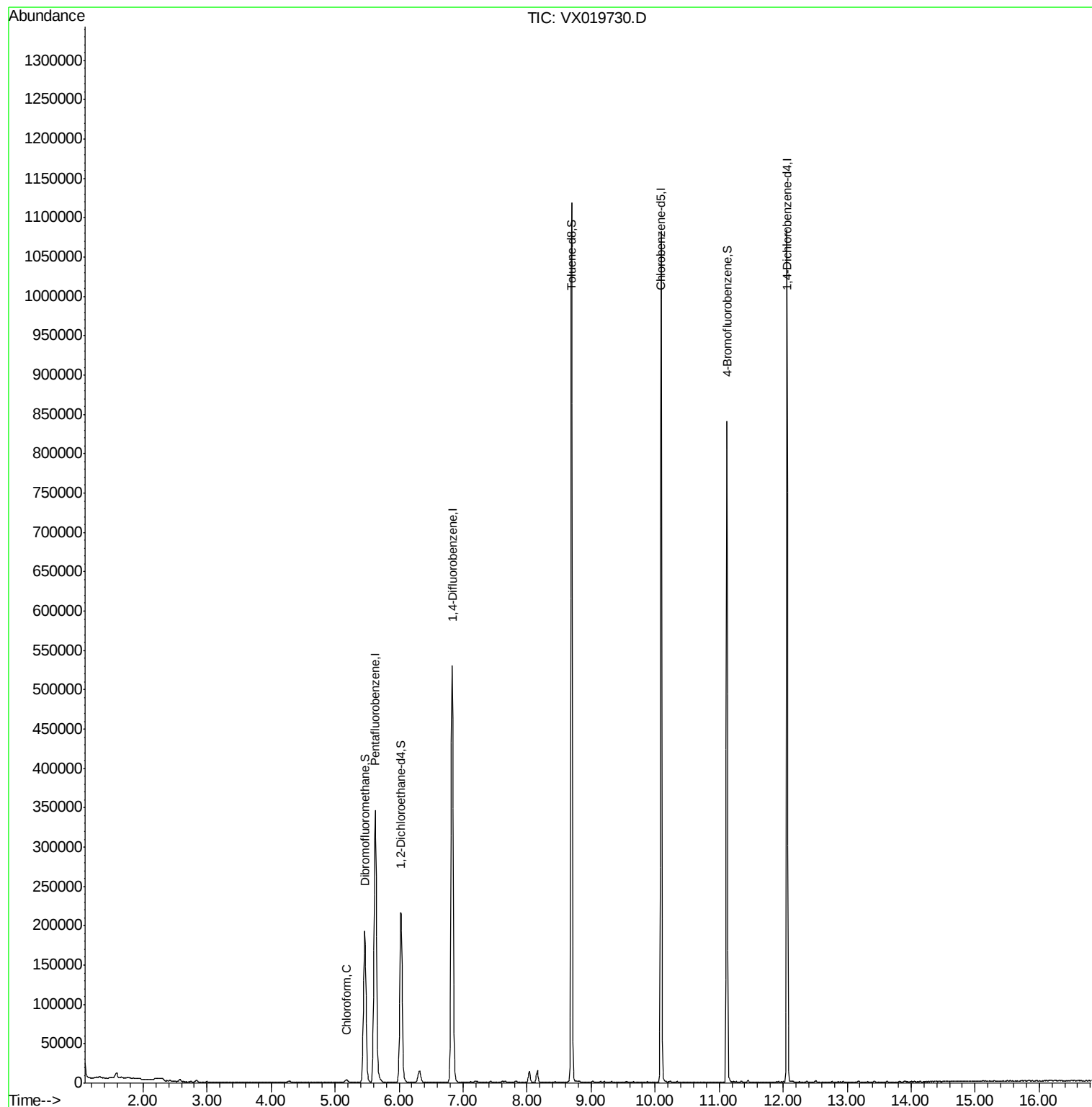
					Qvalue
30) Chloroform	5.18	83	4116	0.629 ug/l	94

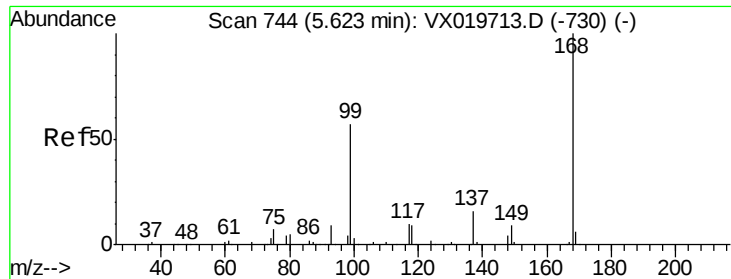
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019730.D

Acq: 04 Dec 2020 20:27

Instrument :

MSVOA_X

ClientSampled :

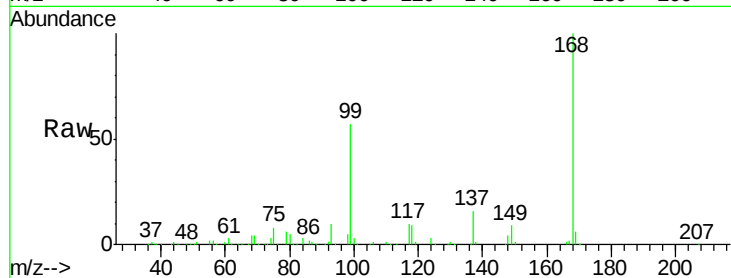
MW-6

Tot Ion:168 Resp: 337133

Ion Ratio Lower Upper

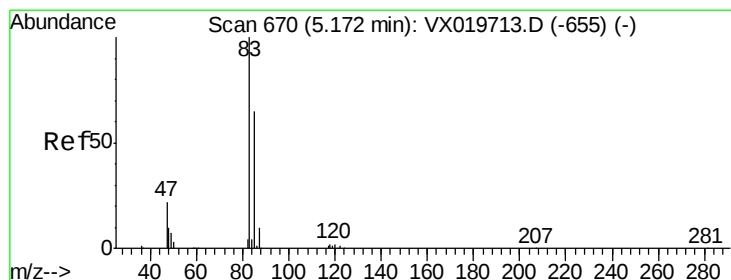
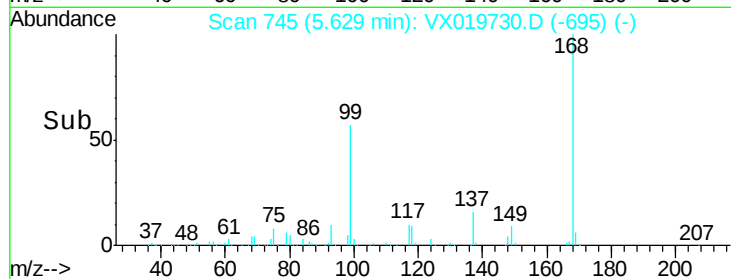
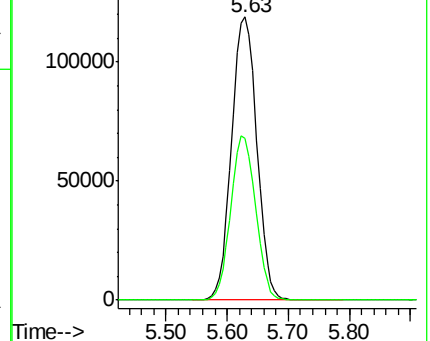
168 100

99 57.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#30

Chloroform

Concen: 0.629 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX019730.D

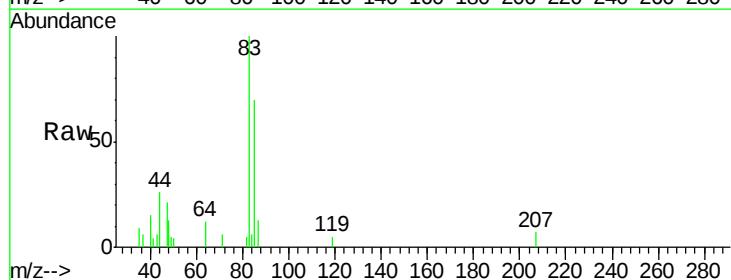
Acq: 04 Dec 2020 20:27

Tgt Ion: 83 Resp: 4116

Ion Ratio Lower Upper

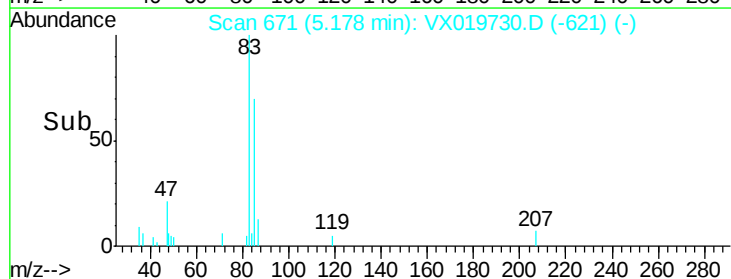
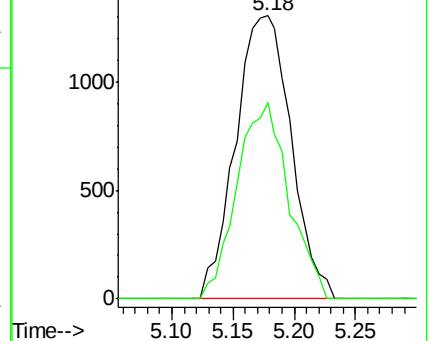
83 100

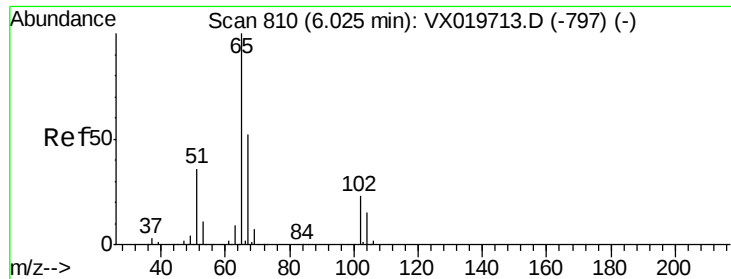
85 69.6 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.034 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

Lab File: VX019730.D

Acq: 04 Dec 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

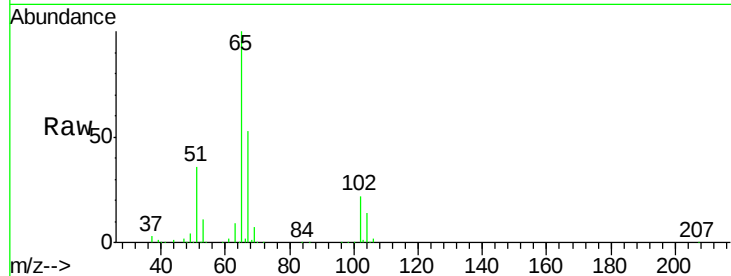
MW-6

Tot Ion: 65 Resp: 208405

Ion Ratio Lower Upper

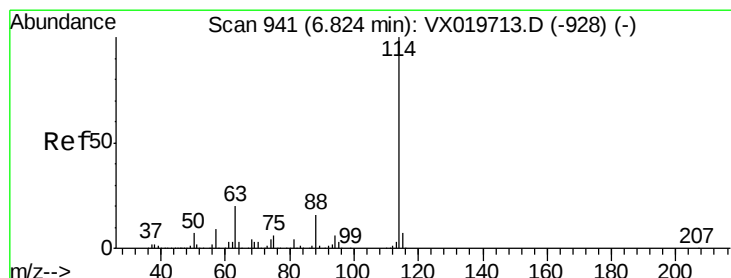
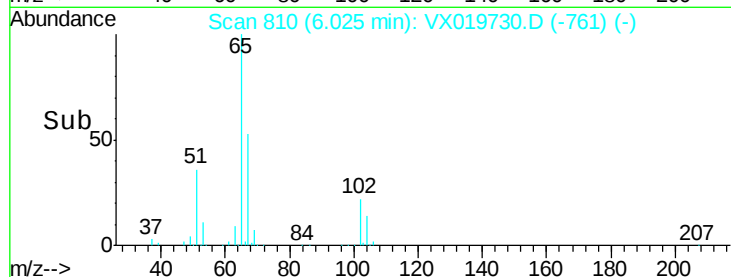
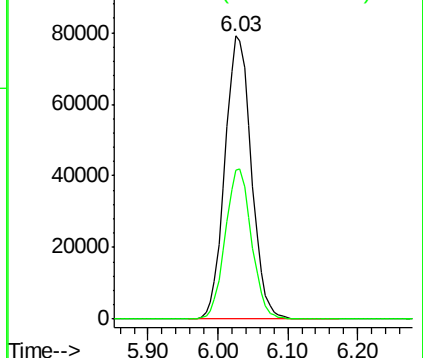
65 100

67 52.6 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019730.D

Acq: 04 Dec 2020 20:27

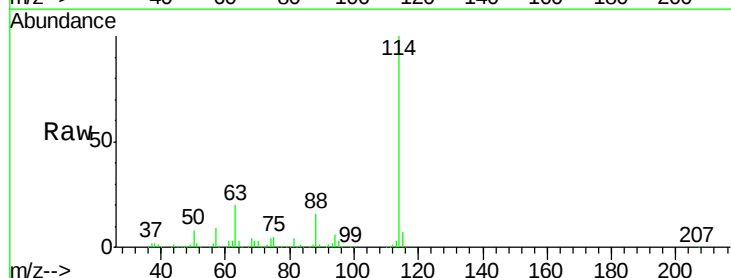
Tgt Ion: 114 Resp: 549899

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

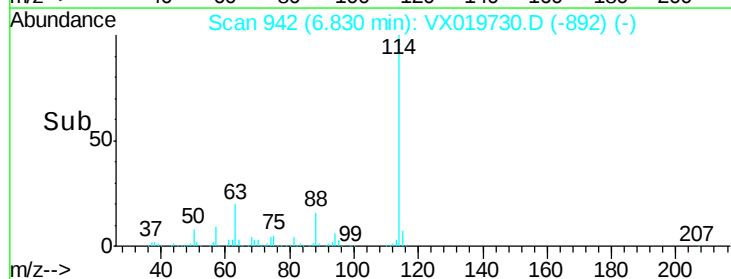
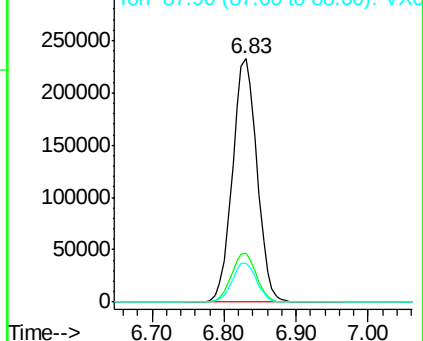
88 16.0 0.0 32.8

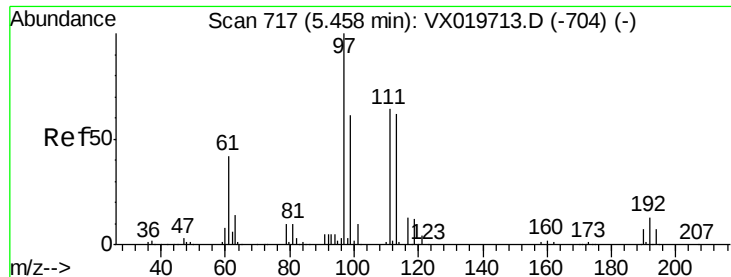


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

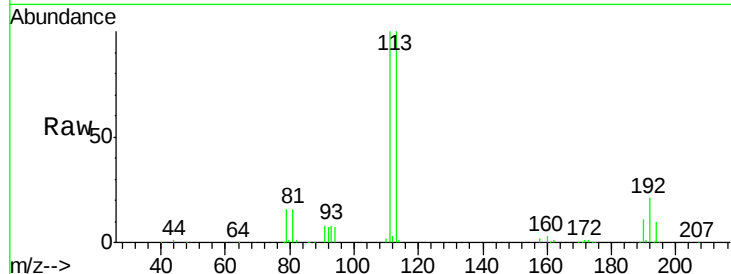




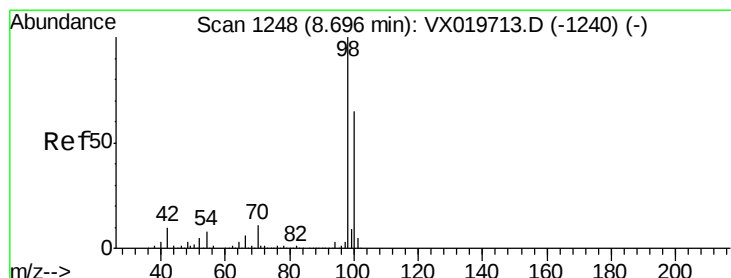
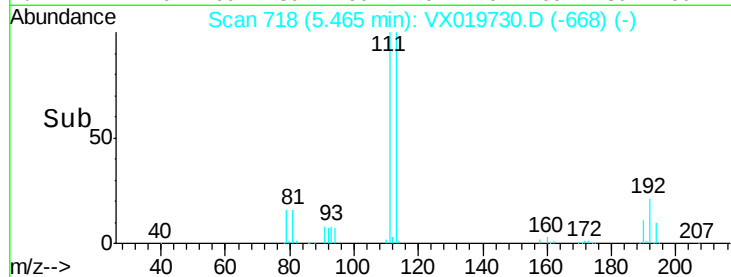
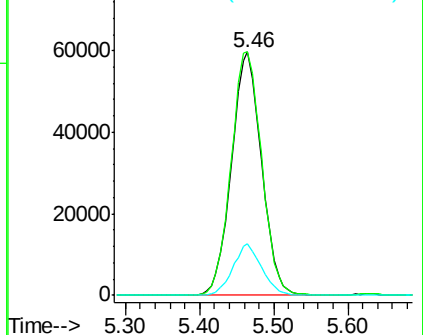
#35
 Dibromofluoromethane
 Concen: 47.421 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019730.D
 Acq: 04 Dec 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	20.1	16.7	25.1

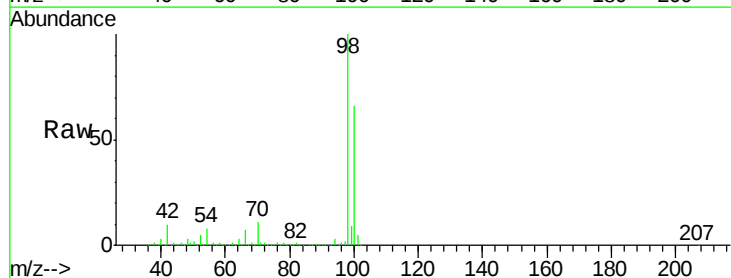


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

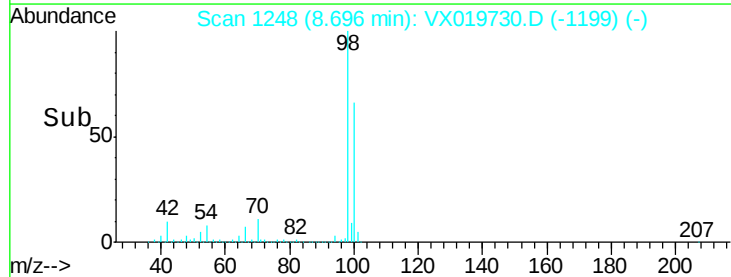
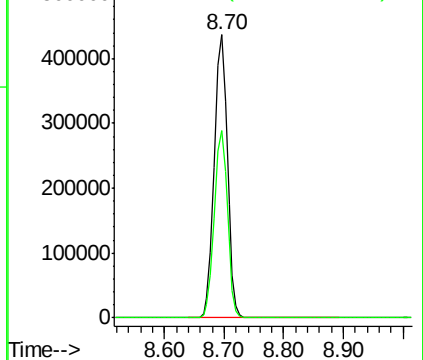


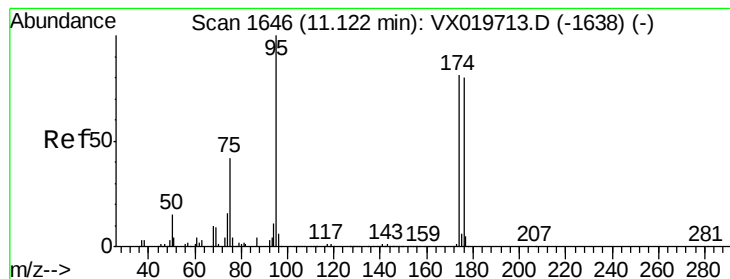
#50
 Toluene-d8
 Concen: 48.594 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX019730.D
 Acq: 04 Dec 2020 20:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.654 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019730.D

Acq: 04 Dec 2020 20:27

Instrument :

MSVOA_X

ClientSampled :

MW-6

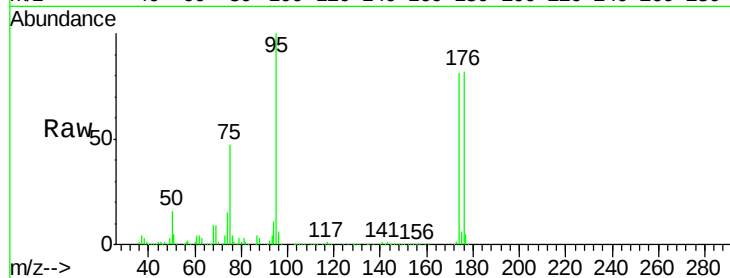
Tot Ion: 95 Resp: 230601

Ion Ratio Lower Upper

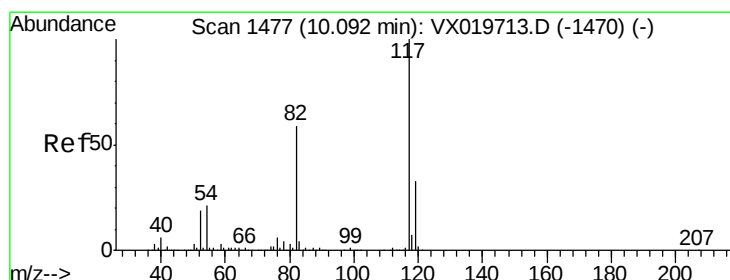
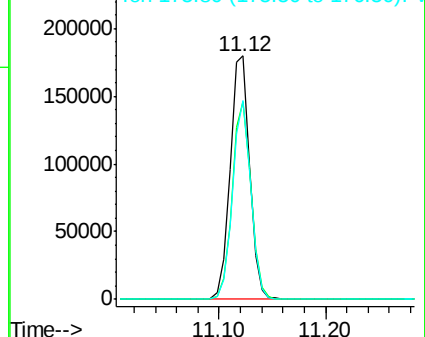
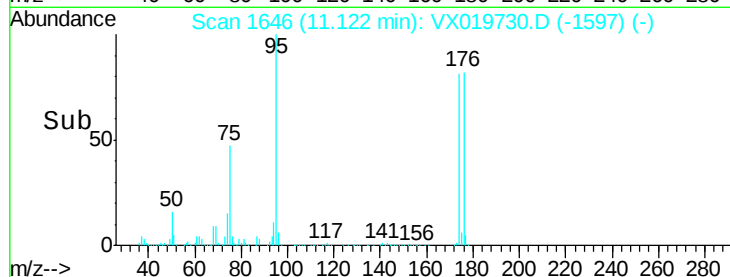
95 100

174 78.4 0.0 154.6

176 77.0 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX019730.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX019730.D

Acq: 04 Dec 2020 20:27

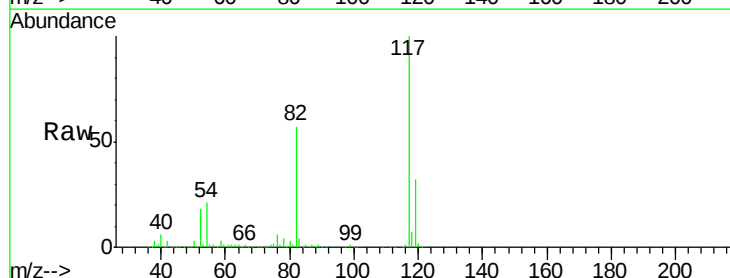
Tgt Ion: 117 Resp: 499064

Ion Ratio Lower Upper

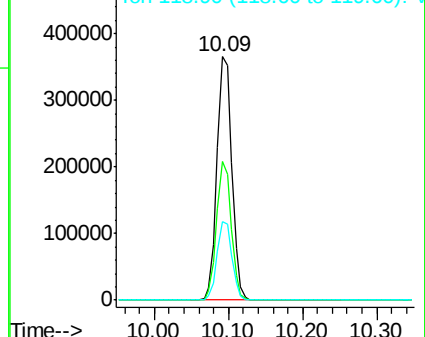
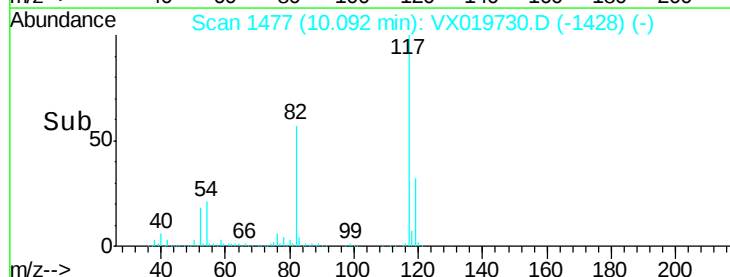
117 100

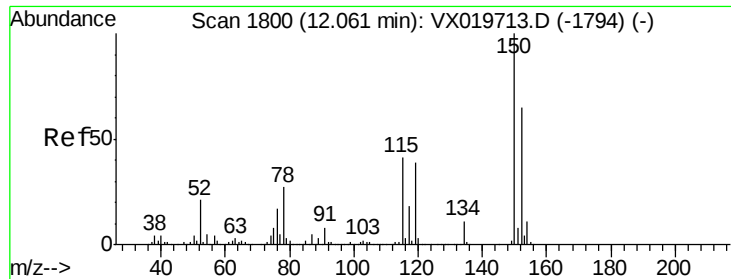
82 56.8 47.4 71.2

119 32.3 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): VX019730.D (-1428) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019730.D

Acq: 04 Dec 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

MW-6

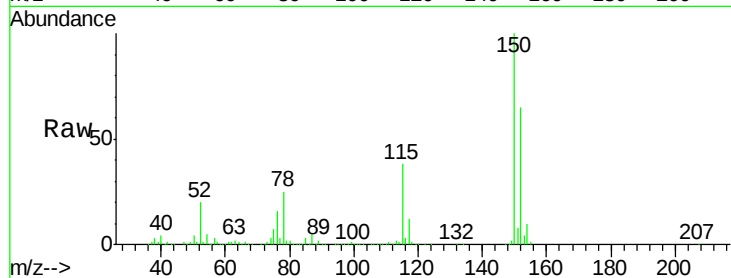
Tot Ion:152 Resp: 217572

Ion Ratio Lower Upper

152 100

115 59.4 41.1 123.3

150 156.3 0.0 349.0



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

