

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110920\
 Data File : VX019370.D
 Acq On : 09 Nov 2020 16:06
 Operator : JC/MD
 Sample : L4668-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DRW-2

Quant Time: Nov 10 02:46:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

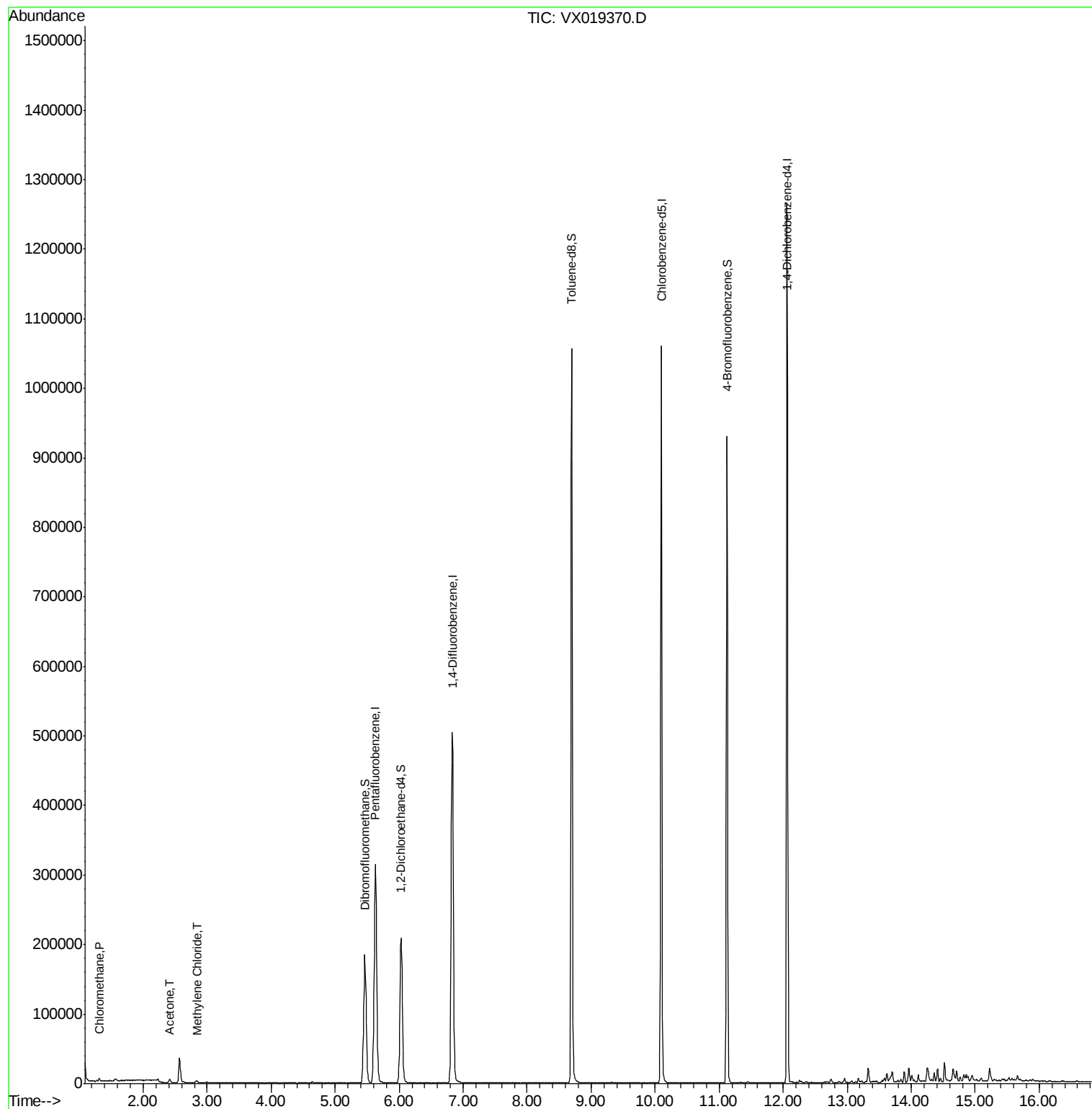
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	291954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	510093	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	481887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	248344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	202778	53.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.72%	
35) Dibromofluoromethane	5.46	113	158499	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
50) Toluene-d8	8.70	98	630008	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	11.12	95	246691	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
Target Compounds						
3) Chloromethane	1.31	50	2029	0.746	ug/l	89
16) Acetone	2.42	43	5108	3.933	ug/l #	81
20) Methylene Chloride	2.83	84	1599	0.490	ug/l	93

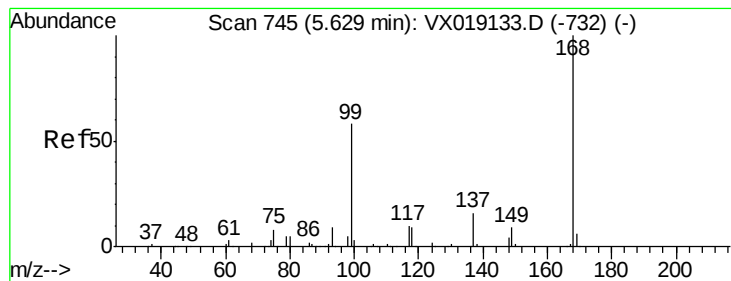
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019370.D

Acq: 09 Nov 2020 16:06

Instrument :

MSVOA_X

ClientSampleId :

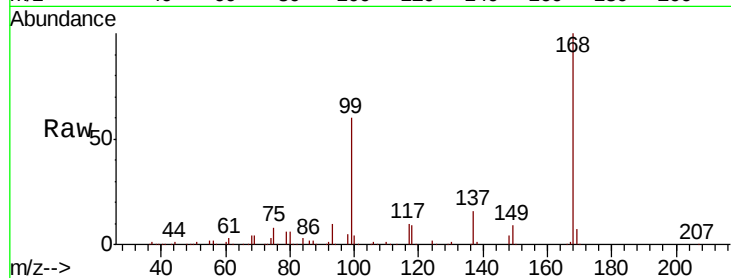
DRW-2

Tot Ion:168 Resp: 291954

Ion Ratio Lower Upper

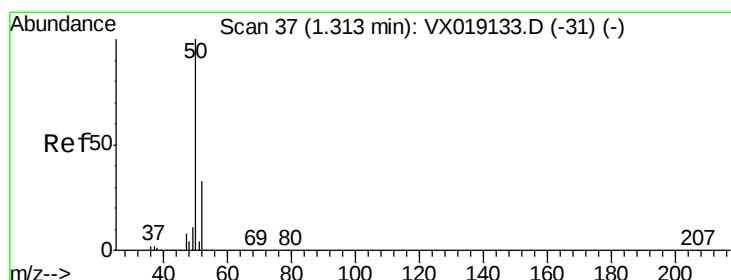
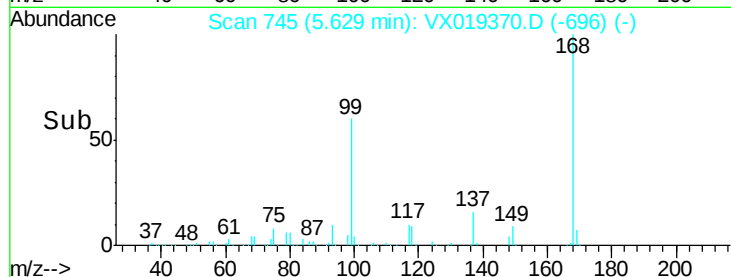
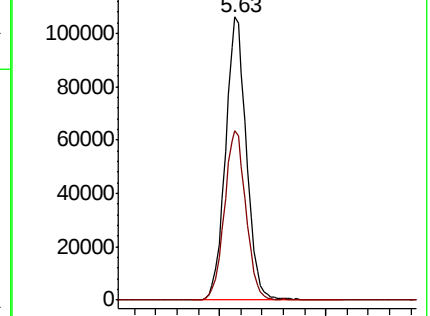
168 100

99 59.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.746 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019370.D

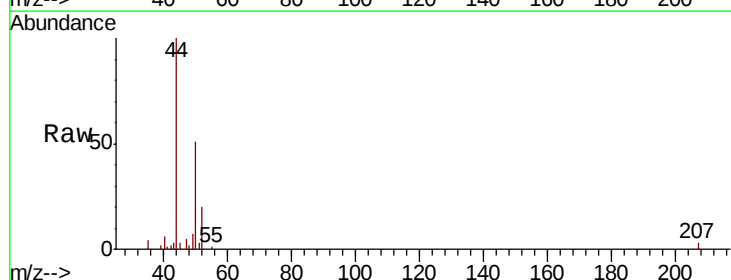
Acq: 09 Nov 2020 16:06

Tgt Ion: 50 Resp: 2029

Ion Ratio Lower Upper

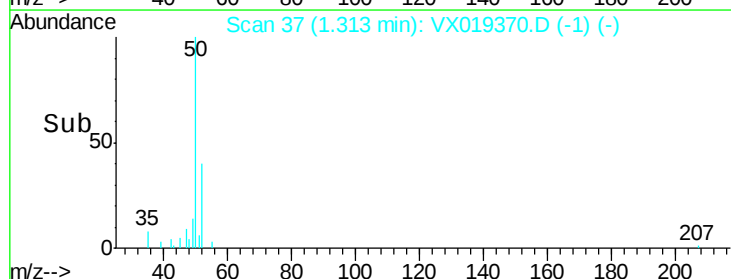
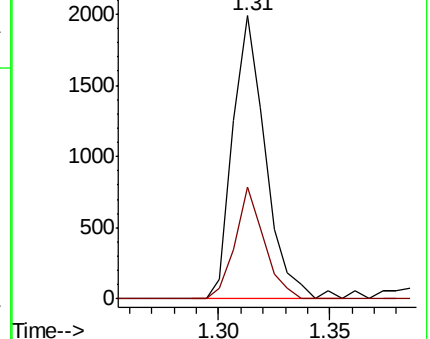
50 100

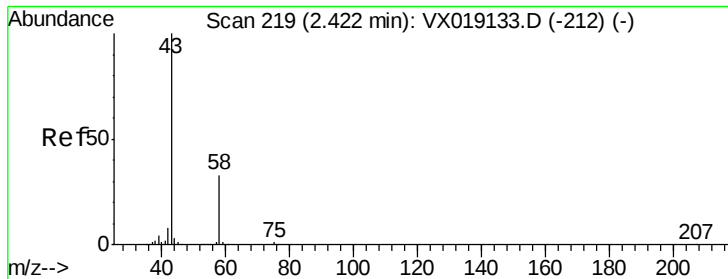
52 39.6 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 3.933 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019370.D

Acq: 09 Nov 2020 16:06

Instrument :

MSVOA_X

ClientSampleId :

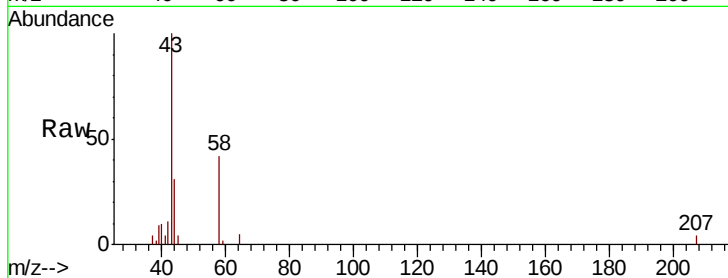
DRW-2

Tot Ion: 43 Resp: 5108

Ion Ratio Lower Upper

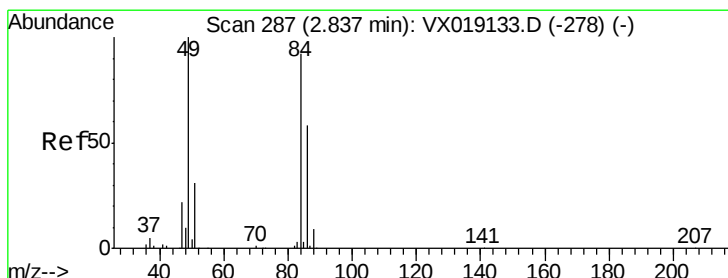
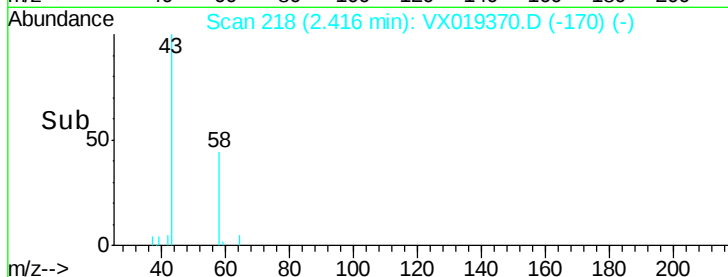
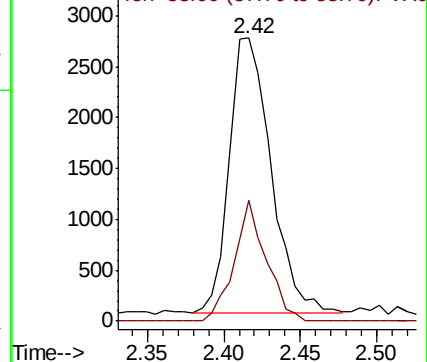
43 100

58 43.8 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 0.490 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX019370.D

Acq: 09 Nov 2020 16:06

Tgt Ion: 84 Resp: 1599

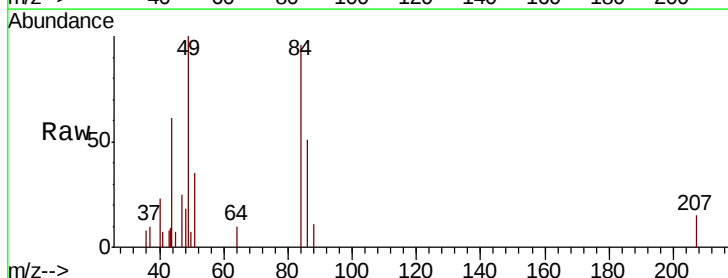
Ion Ratio Lower Upper

84 100

49 103.9 86.8 130.2

51 36.7 27.3 40.9

86 52.8 50.6 76.0

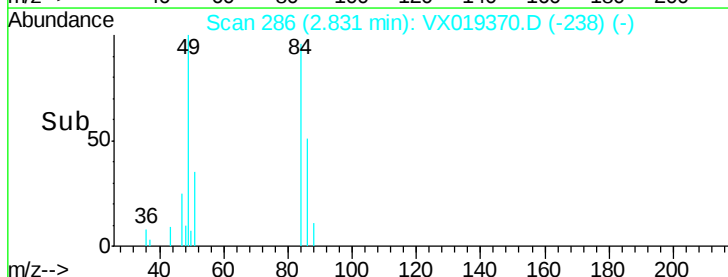
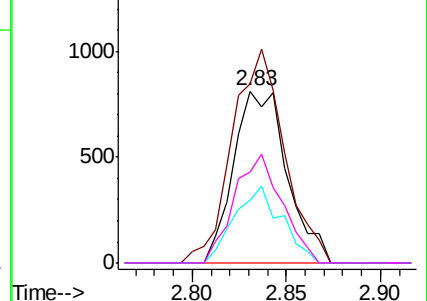


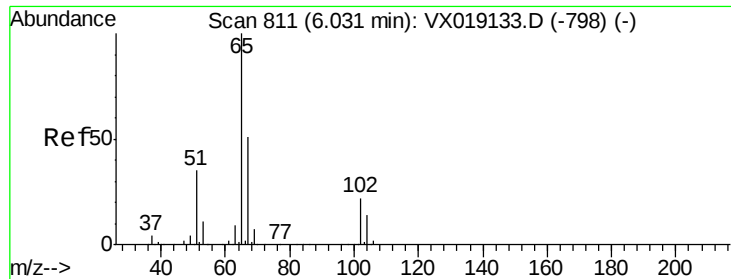
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

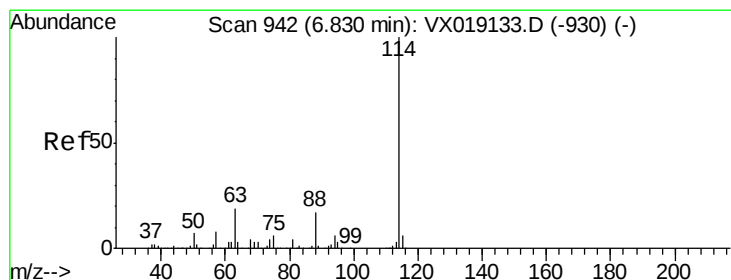
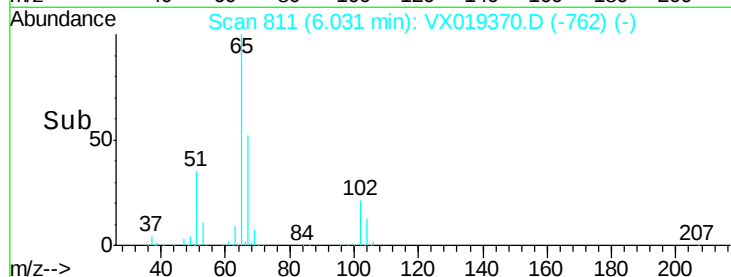
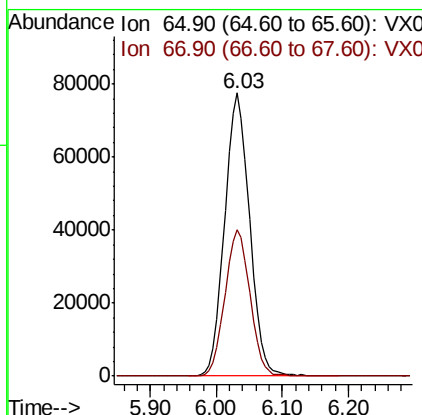
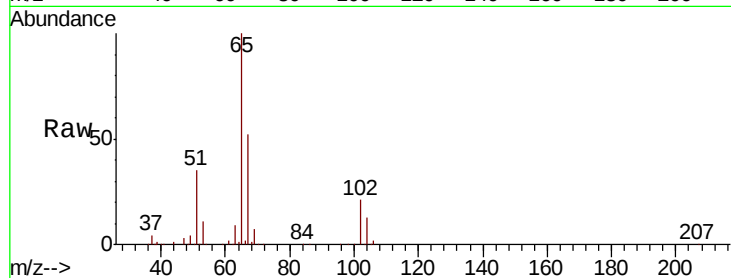




#33
 1,2-Dichloroethane-d4
 Concen: 53.857 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019370.D
 Acq: 09 Nov 2020 16:06

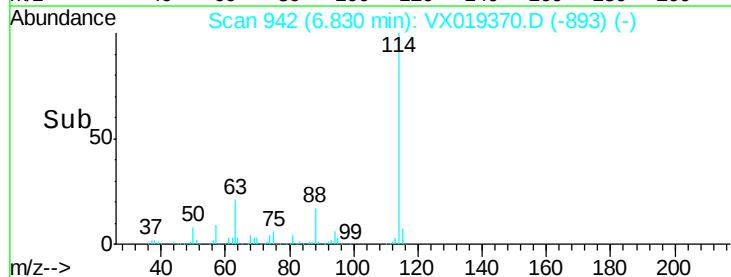
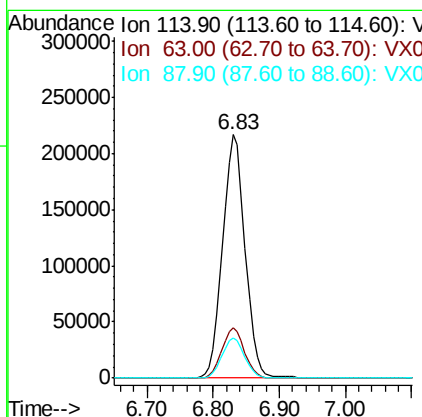
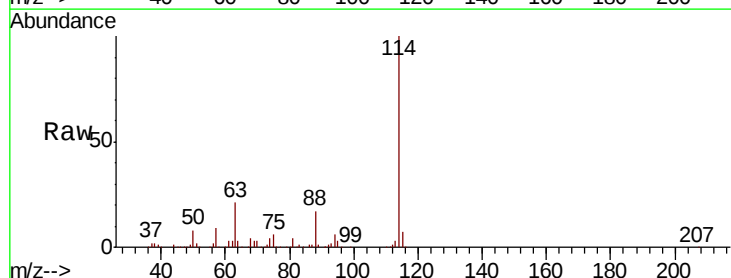
Instrument :
 MSVOA_X
 ClientSampleId :
 DRW-2

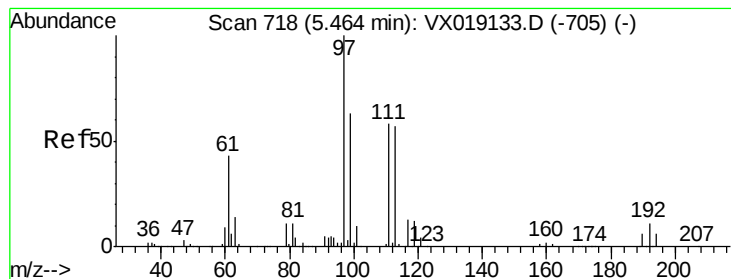
Tot Ion: 65 Resp: 202778
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019370.D
 Acq: 09 Nov 2020 16:06

Tgt Ion: 114 Resp: 510093
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 38.8
 88 16.5 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.468 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019370.D

Acq: 09 Nov 2020 16:06

Instrument :

MSVOA_X

ClientSampleId :

DRW-2

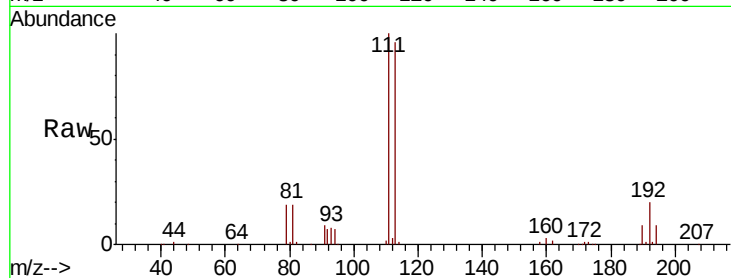
Tot Ion:113 Resp: 158499

Ion Ratio Lower Upper

113 100

111 103.4 82.3 123.5

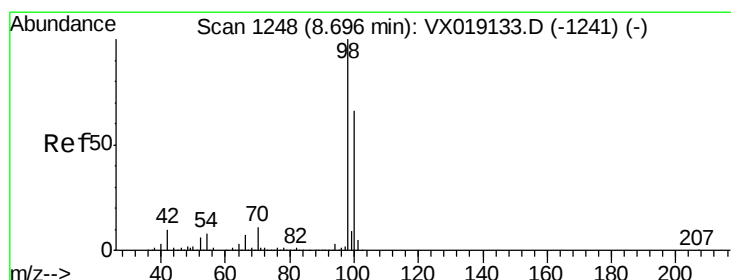
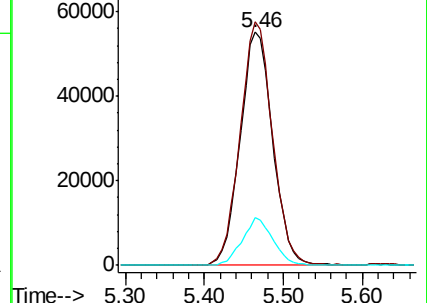
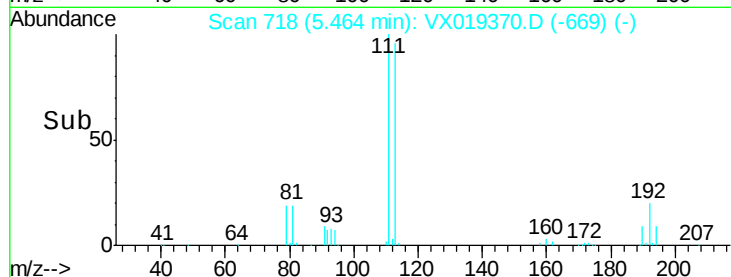
192 19.1 16.2 24.2



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: 52.160 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019370.D

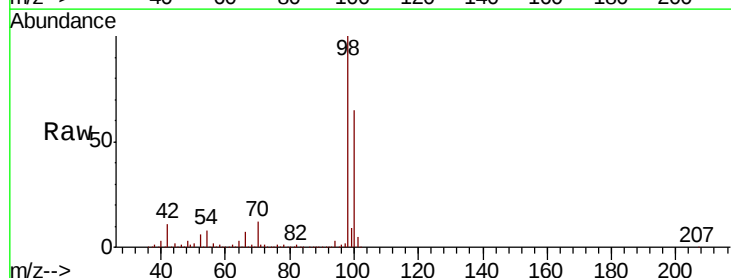
Acq: 09 Nov 2020 16:06

Tgt Ion: 98 Resp: 630008

Ion Ratio Lower Upper

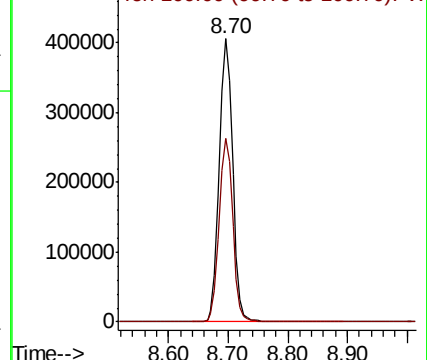
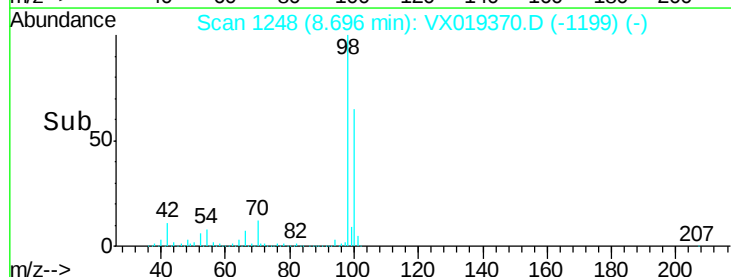
98 100

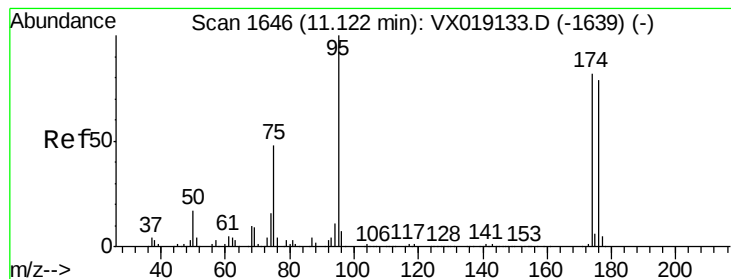
100 65.5 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 53.932 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019370.D

Acq: 09 Nov 2020 16:06

Instrument :

MSVOA_X

ClientSampled :

DRW-2

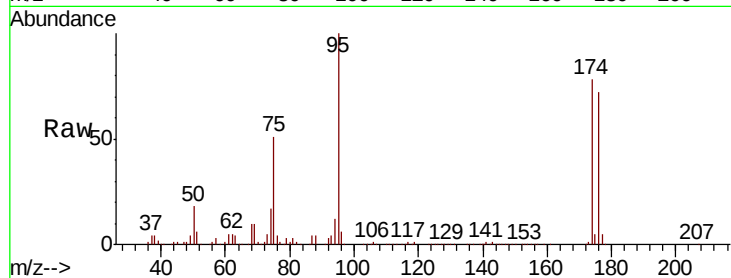
Tot Ion: 95 Resp: 246691

Ion Ratio Lower Upper

95 100

174 75.5 0.0 156.0

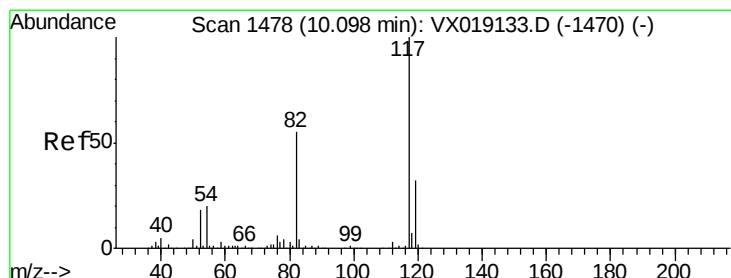
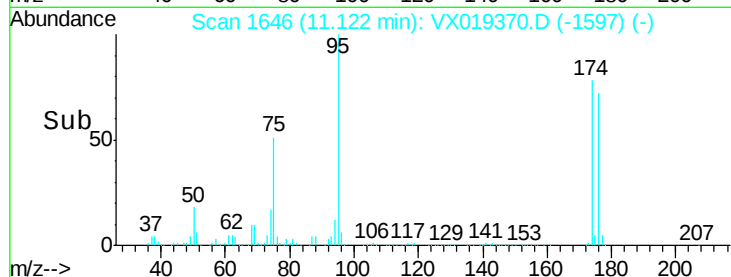
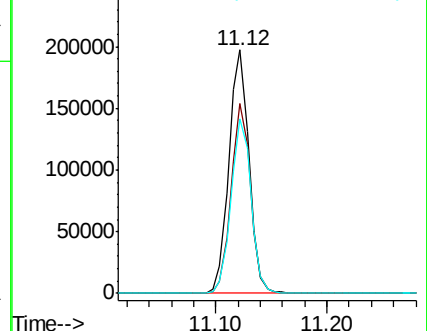
176 71.5 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX019370.D

Acq: 09 Nov 2020 16:06

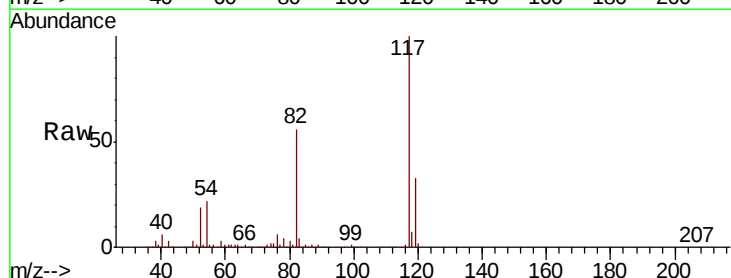
Tgt Ion: 117 Resp: 481887

Ion Ratio Lower Upper

117 100

82 56.2 43.6 65.4

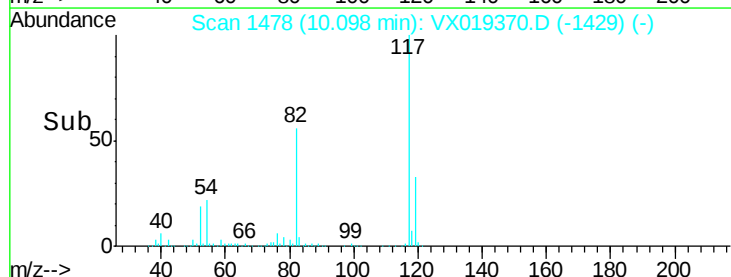
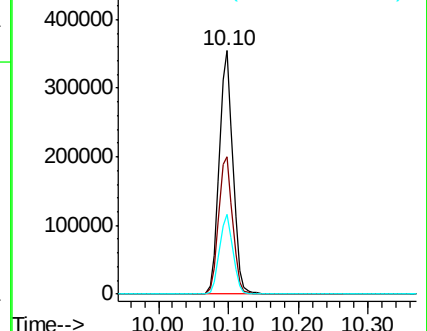
119 32.6 25.5 38.3

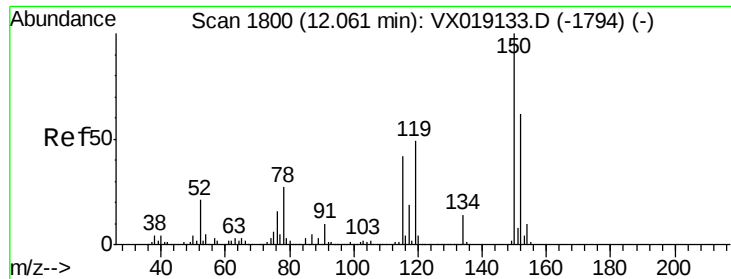


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX019370.D

Acq: 09 Nov 2020 16:06

Instrument :

MSVOA_X

ClientSampleId :

DRW-2

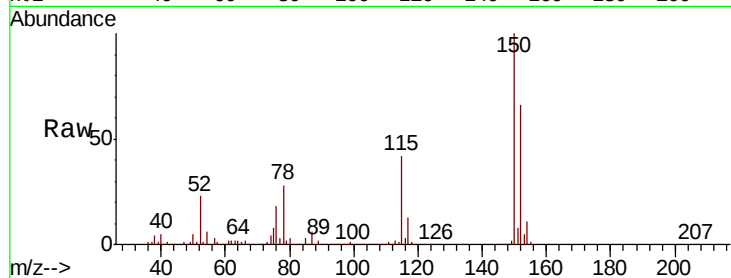
Tot Ion:152 Resp: 248344

Ion Ratio Lower Upper

152 100

115 61.6 41.9 125.7

150 154.9 0.0 347.8



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

