

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019792.D
 Acq On : 09 Dec 2020 20:27
 Operator : JC/MD
 Sample : L4971-22
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5S2-D-BOTTOM

Quant Time: Dec 10 06:29:51 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	323142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	536397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	489090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214617	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	203445	47.90	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.80%	
35) Dibromofluoromethane		5.46	113	165320	47.69	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.38%	
50) Toluene-d8		8.70	98	657933	49.71	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.42%	
62) 4-Bromofluorobenzene		11.12	95	227912	45.24	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.48%	

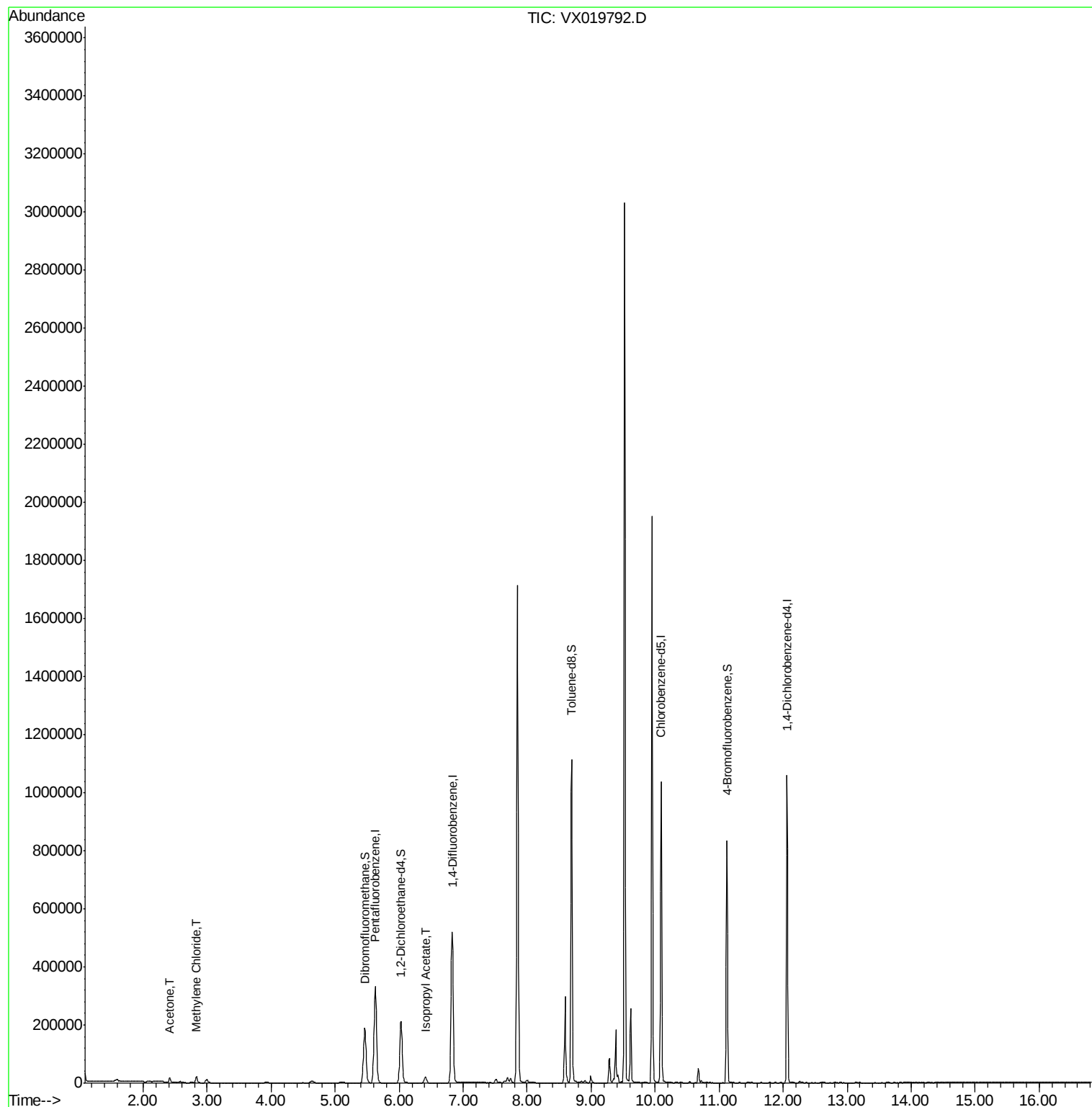
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	16535	10.358	ug/l	96
20) Methylene Chloride	2.83	84	9839	1.315	ug/l	98
43) Isopropyl Acetate	6.41	43	26772	3.365	ug/l	99

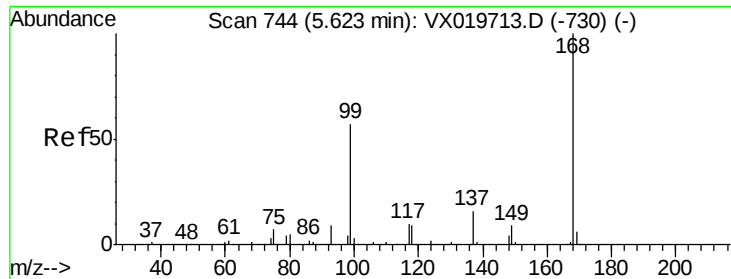
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019792.D

Acq: 09 Dec 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

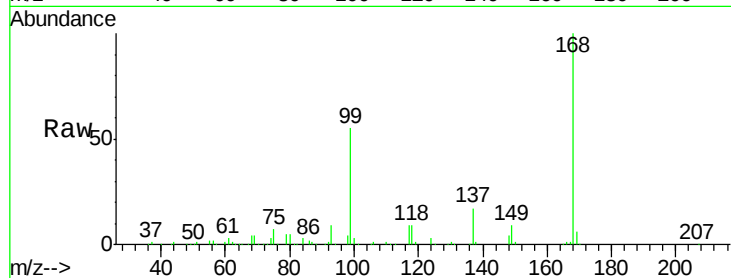
5S2-D-BOTTOM

Tot Ion:168 Resp: 323142

Ion Ratio Lower Upper

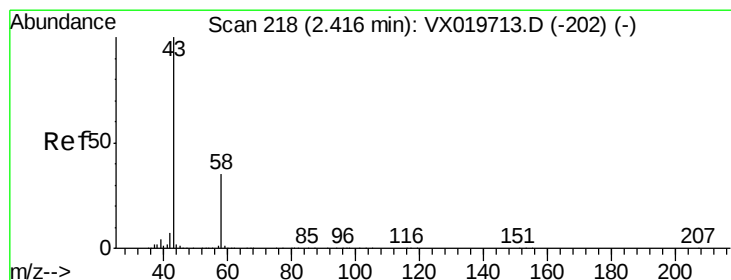
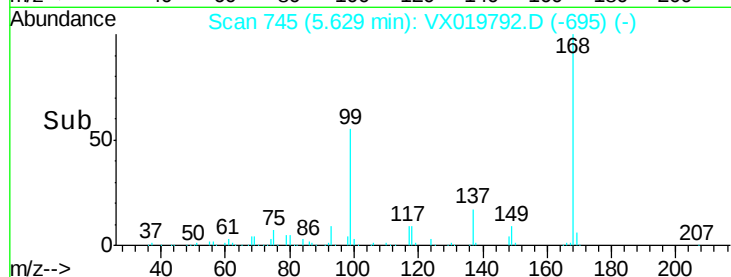
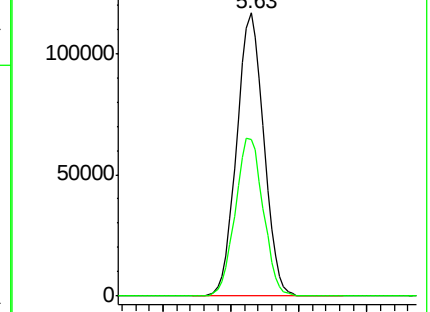
168 100

99 55.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 10.358 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019792.D

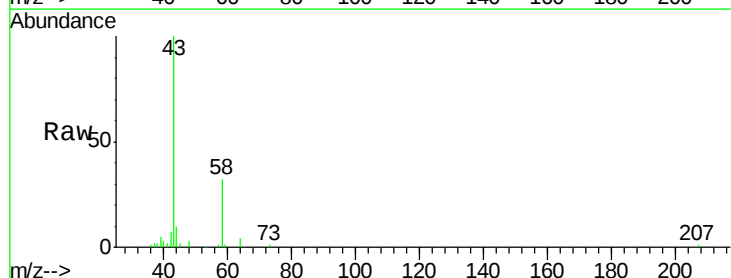
Acq: 09 Dec 2020 20:27

Tgt Ion: 43 Resp: 16535

Ion Ratio Lower Upper

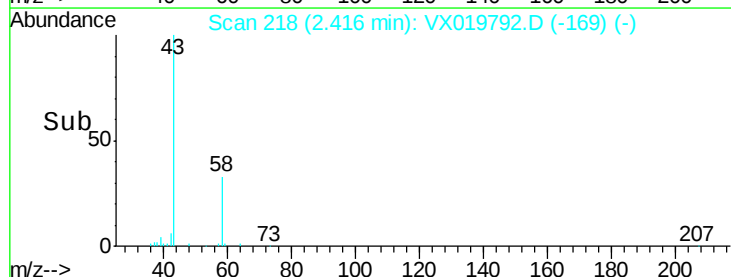
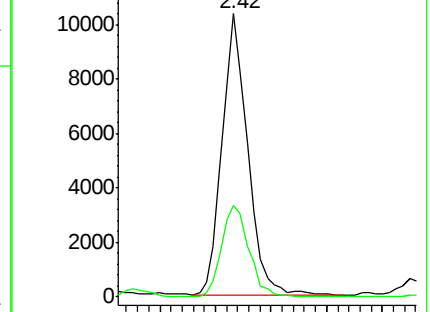
43 100

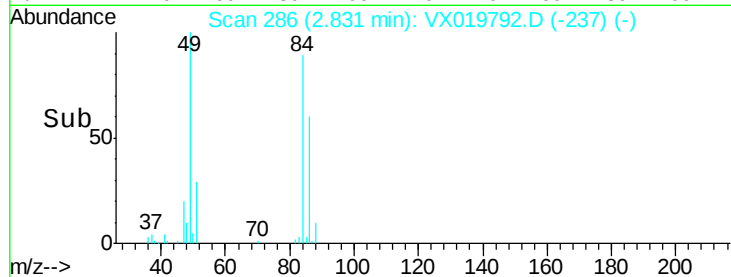
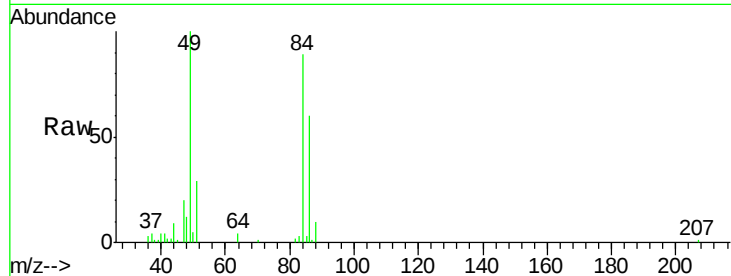
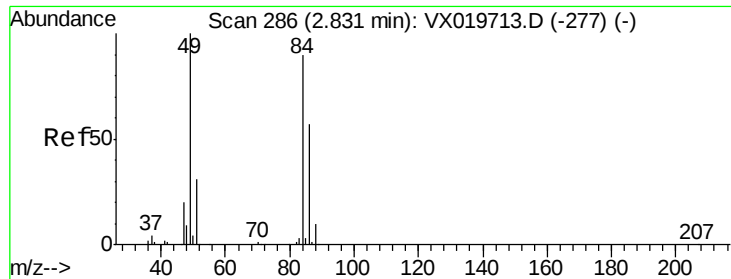
58 32.7 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

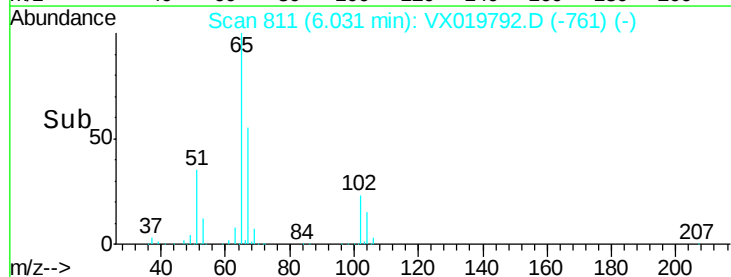
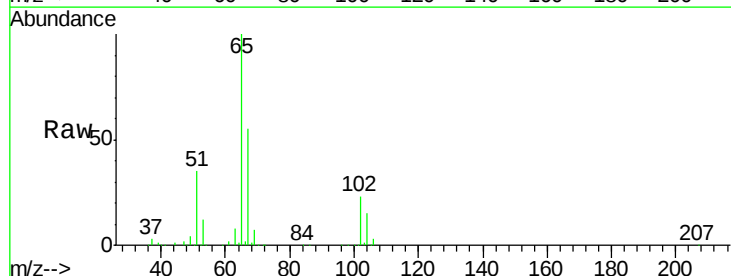
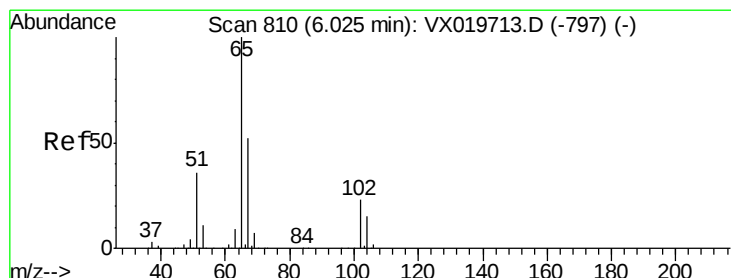
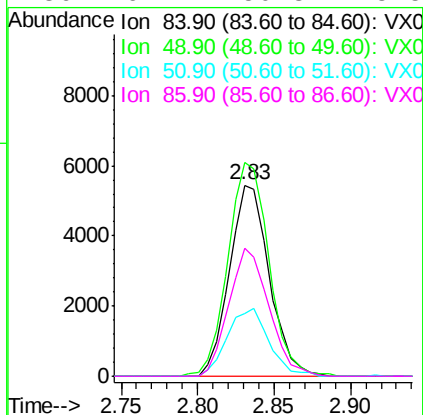




#20
Methvlene Chloride
Concen: 1.315 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019792.D
Acq: 09 Dec 2020 20:27

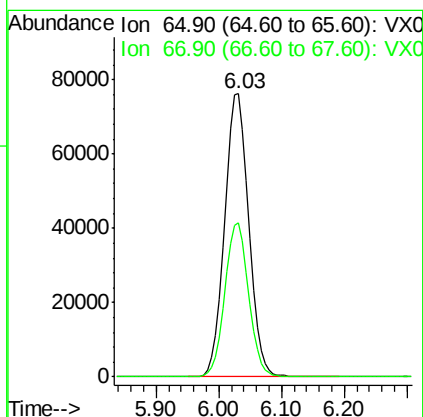
Instrument :
MSVOA_X
ClientSampleId :
5S2-D-BOTTOM

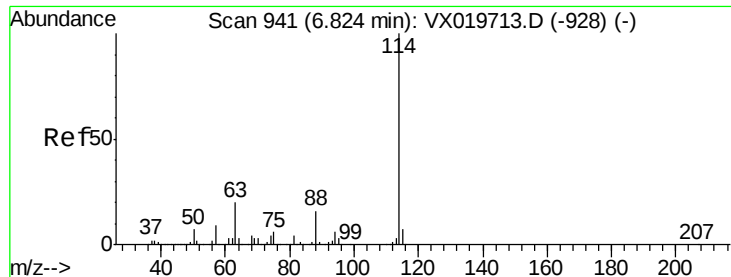
Tot Ion: 84 Resp: 9839
Ion Ratio Lower Upper
84 100
49 111.9 88.6 132.8
51 33.0 27.0 40.6
86 67.1 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 47.903 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019792.D
Acq: 09 Dec 2020 20:27

Tgt Ion: 65 Resp: 203445
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019792.D

Acq: 09 Dec 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

5S2-D-BOTTOM

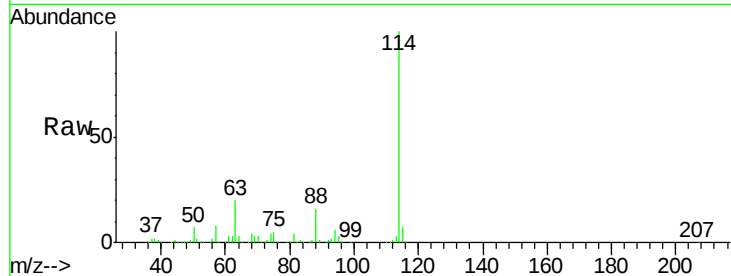
Tot Ion:114 Resp: 536397

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

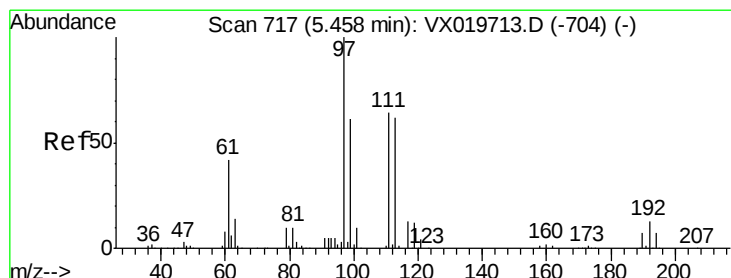
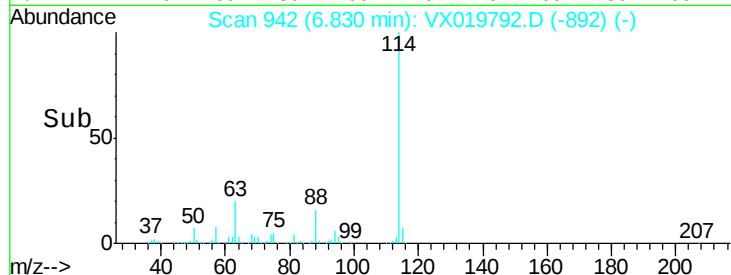
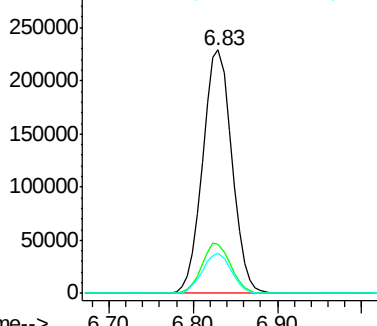
88 16.4 0.0 32.8



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



#35

Dibromofluoromethane

Concen: 47.689 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019792.D

Acq: 09 Dec 2020 20:27

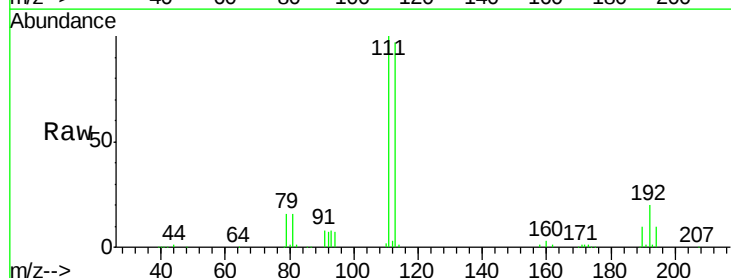
Tgt Ion:113 Resp: 165320

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

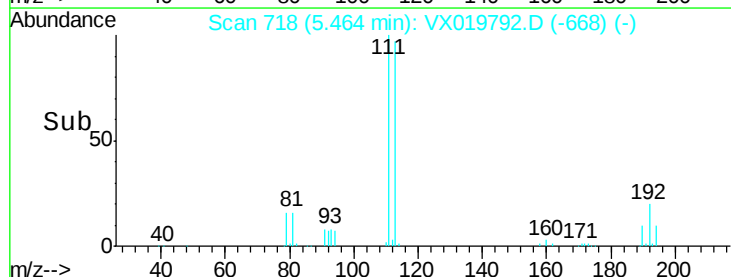
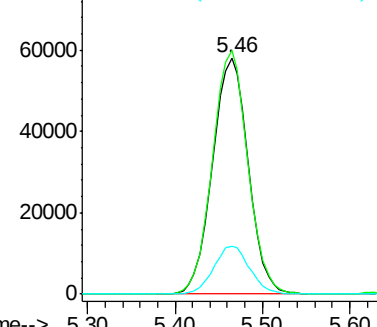
192 20.4 16.7 25.1

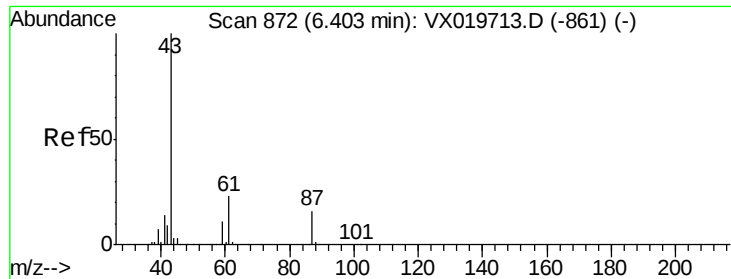


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

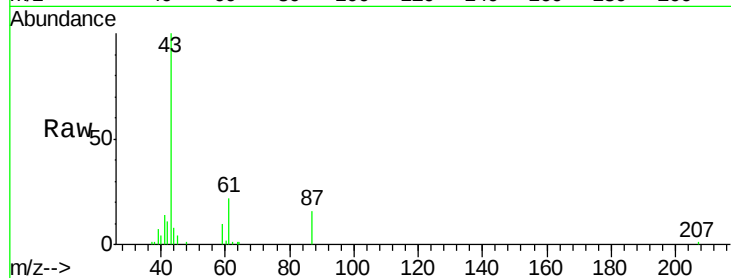




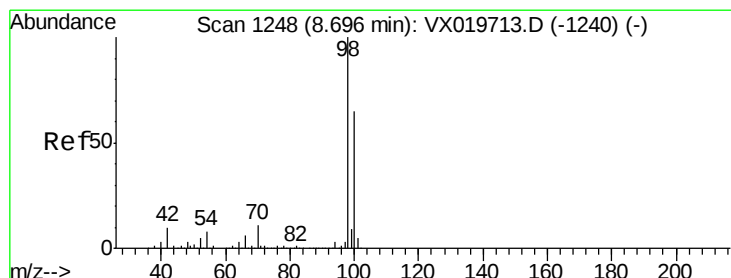
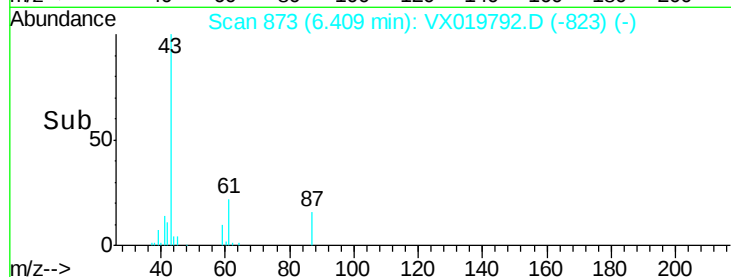
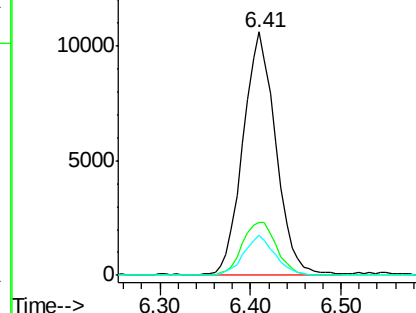
#43
Isopropyl Acetate
Concen: 3.365 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019792.D
Acq: 09 Dec 2020 20:27

Instrument :
MSVOA_X
ClientSampled :
5S2-D-BOTTOM

Tot Ion: 43 Resp: 26772
Ion Ratio Lower Upper
43 100
61 22.6 18.2 27.4
87 15.2 12.5 18.7

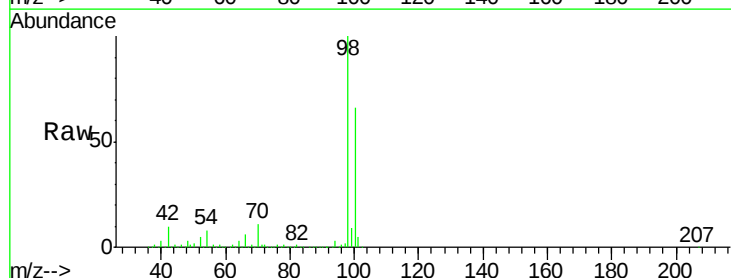


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

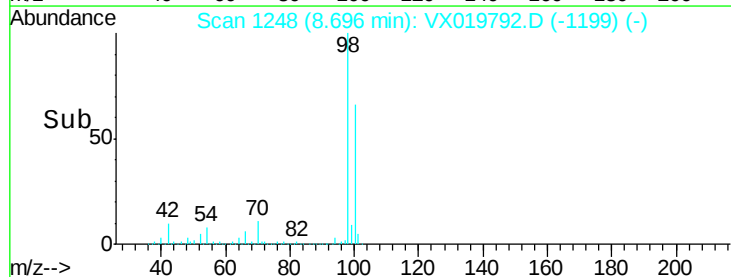
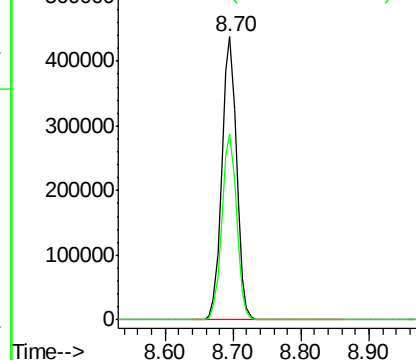


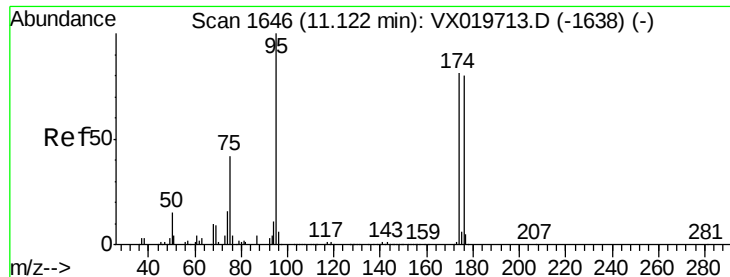
#50
Toluene-d8
Concen: 49.712 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019792.D
Acq: 09 Dec 2020 20:27

Tgt Ion: 98 Resp: 657933
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



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





#62

4-Bromofluorobenzene

Concen: 45.245 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019792.D

Acq: 09 Dec 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

5S2-D-BOTTOM

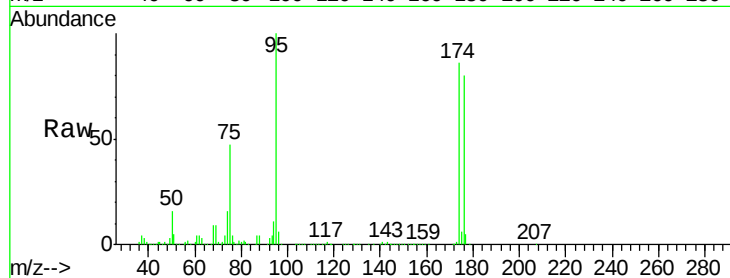
Tot Ion: 95 Resp: 227912

Ion Ratio Lower Upper

95 100

174 79.3 0.0 154.6

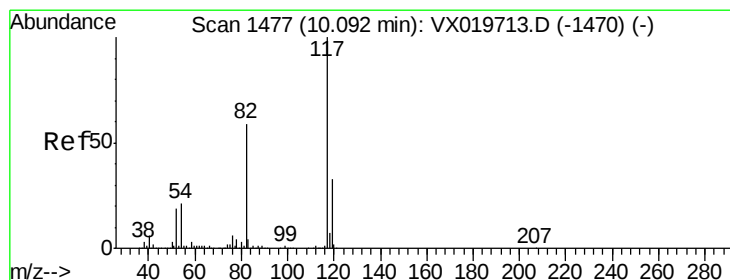
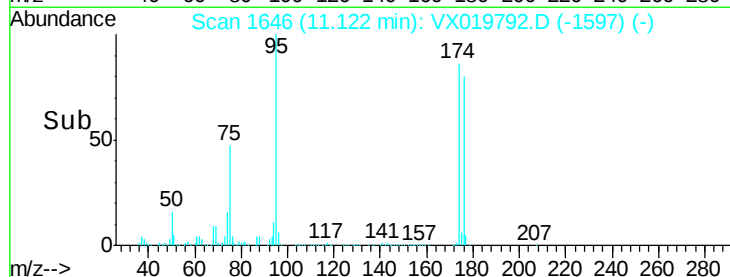
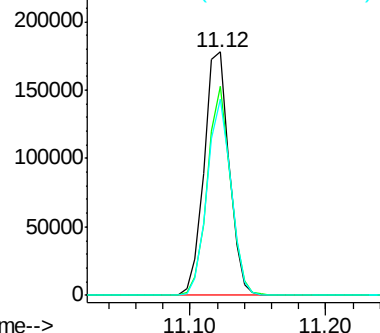
176 76.9 0.0 155.8



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. 0.01 min

Lab File: VX019792.D

Acq: 09 Dec 2020 20:27

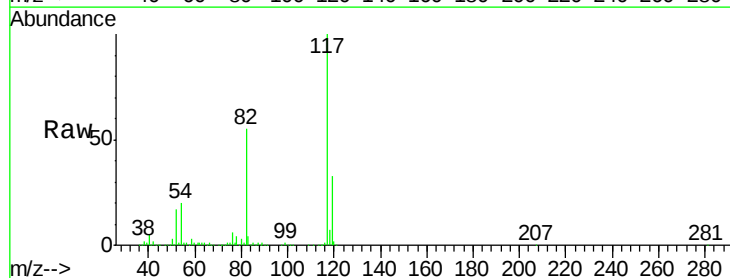
Tgt Ion: 117 Resp: 489090

Ion Ratio Lower Upper

117 100

82 55.0 47.4 71.2

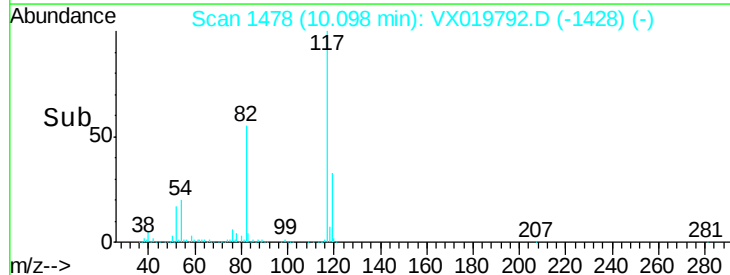
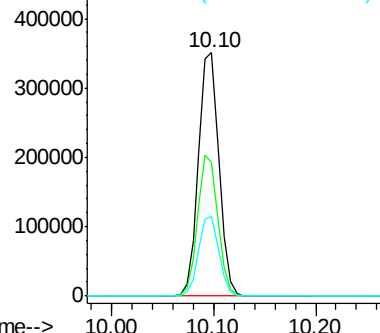
119 32.6 26.6 39.8

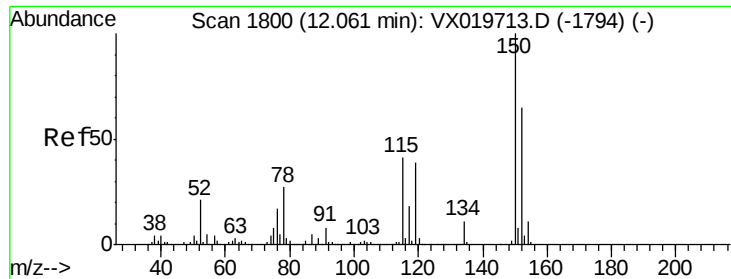


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX019792.D

Acq: 09 Dec 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

5S2-D-BOTTOM

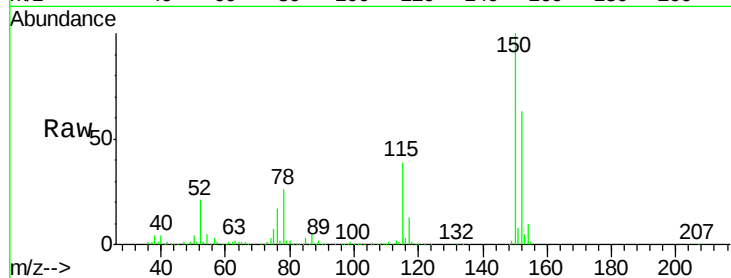
Tot Ion:152 Resp: 214617

Ion Ratio Lower Upper

152 100

115 60.3 41.1 123.3

150 158.7 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

