

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019738.D
 Acq On : 04 Dec 2020 23:33
 Operator : JC/MD
 Sample : L4953-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39-MWE7-120220

Quant Time: Dec 05 05:43:50 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	330751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	540643	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	494393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218809	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	204531	47.05	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.10%		
35) Dibromofluoromethane	5.46	113	163864	46.90	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.80%		
50) Toluene-d8	8.70	98	654590	49.07	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.14%		
62) 4-Bromofluorobenzene	11.12	95	235233	46.33	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.66%		

Target Compounds

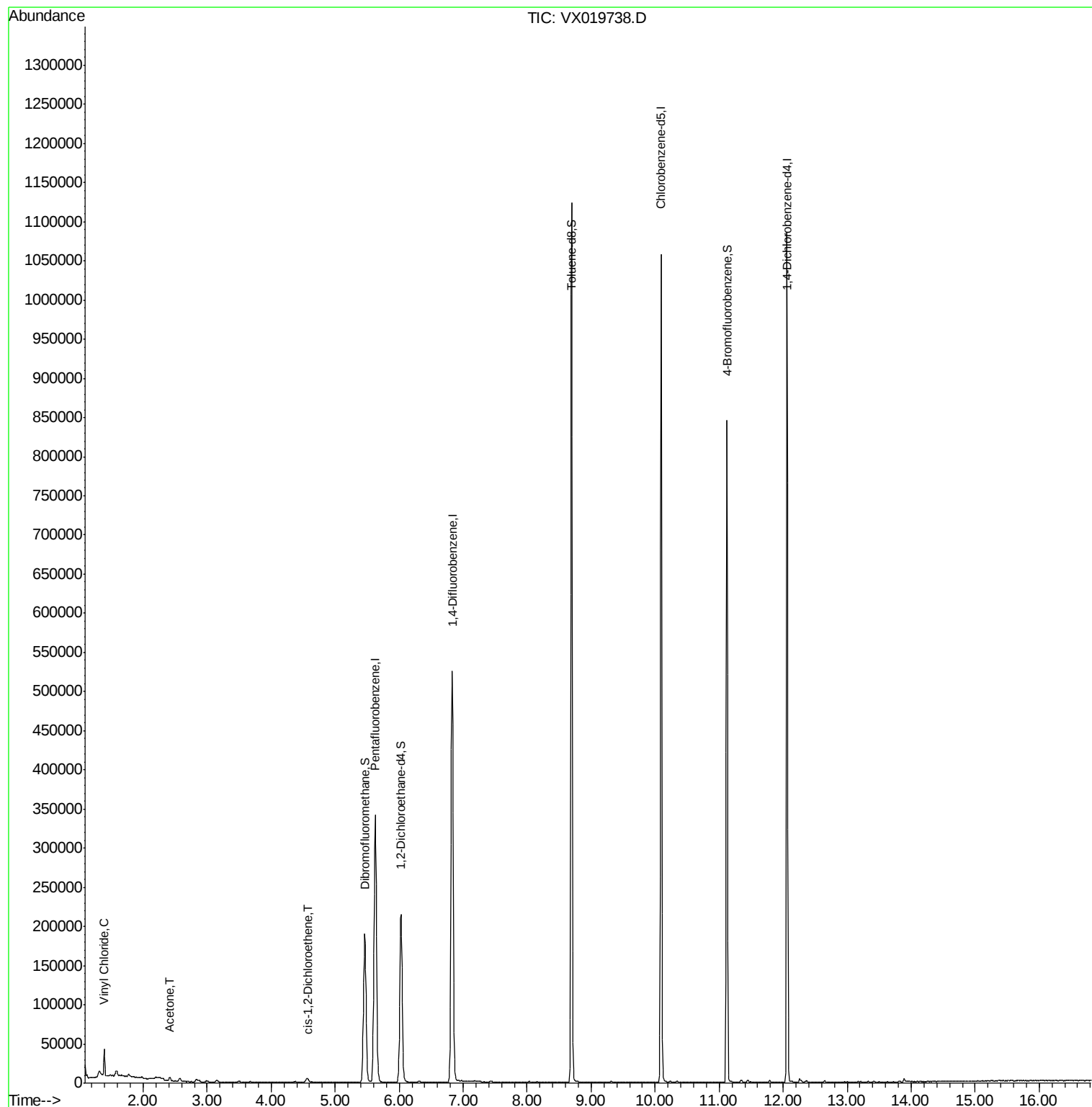
					Qvalue
4) Vinyl Chloride	1.39	62	19320	5.145 ug/l	93
16) Acetone	2.42	43	4972	3.043 ug/l	95
27) cis-1,2-Dichloroethene	4.57	96	3520	0.851 ug/l	92

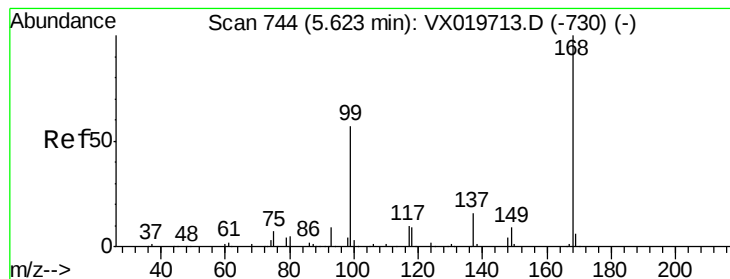
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019738.D

Acq: 04 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

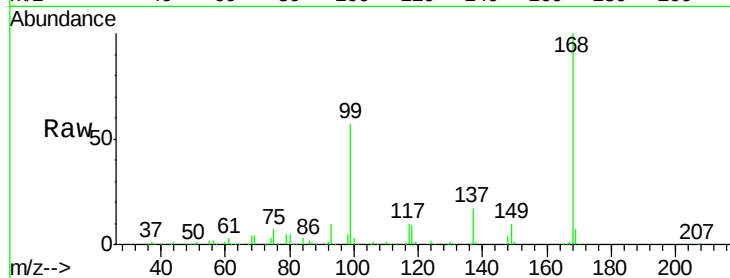
ID039-39-MWE7-120220

Tot Ion:168 Resp: 330751

Ion Ratio Lower Upper

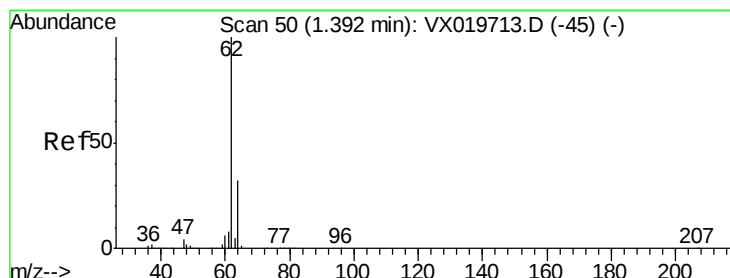
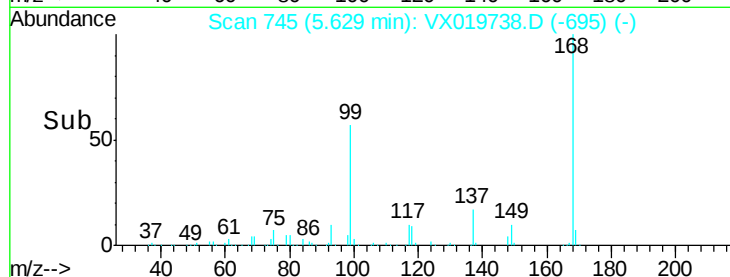
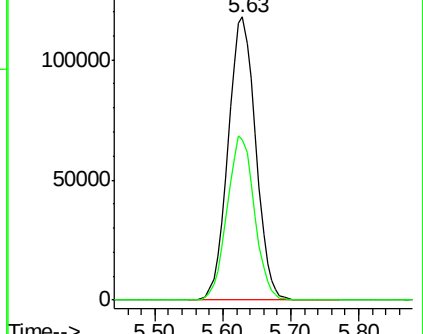
168 100

99 56.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 5.145 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019738.D

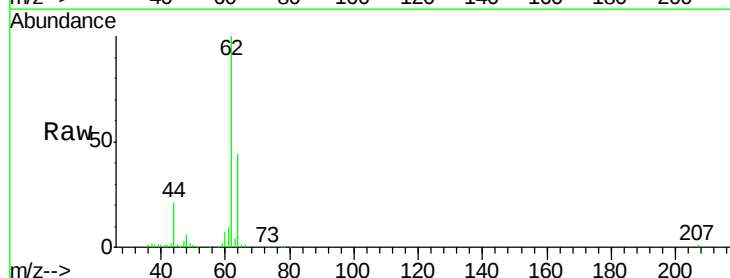
Acq: 04 Dec 2020 23:33

Tgt Ion: 62 Resp: 19320

Ion Ratio Lower Upper

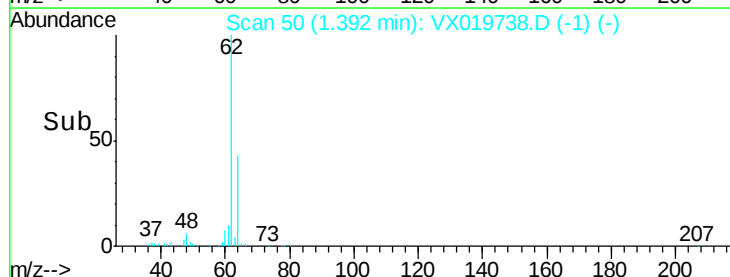
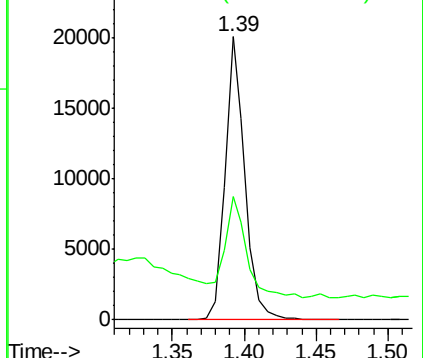
62 100

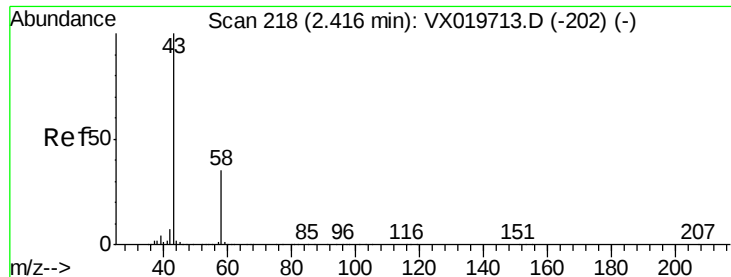
64 35.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 3.043 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019738.D

Acq: 04 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

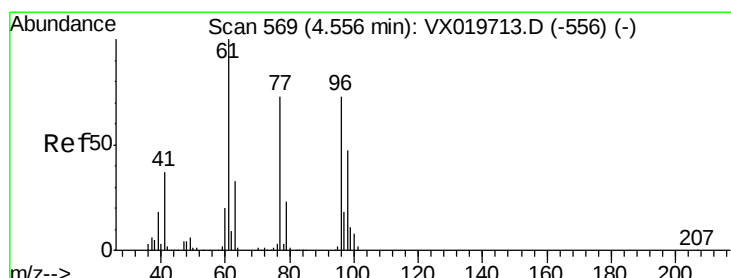
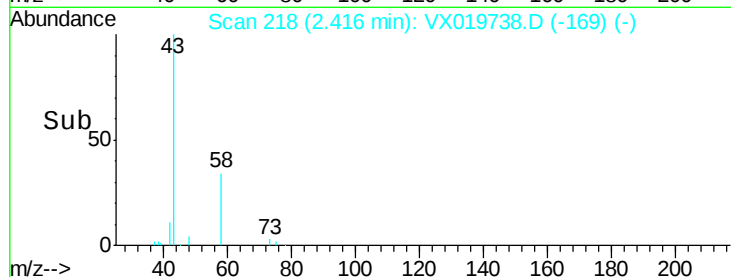
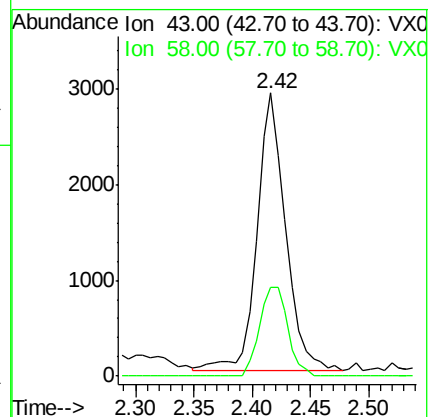
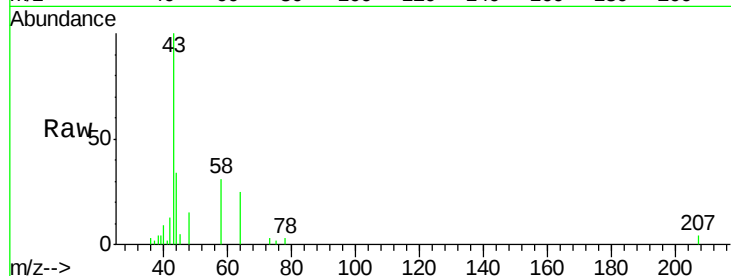
ID039-39-MWE7-120220

Tot Ion: 43 Resp: 4972

Ion Ratio Lower Upper

43 100

58 32.0 27.8 41.8



#27

cis-1,2-Dichloroethene

Concen: 0.851 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX019738.D

Acq: 04 Dec 2020 23:33

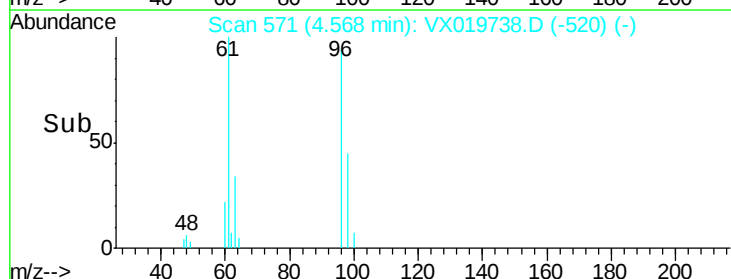
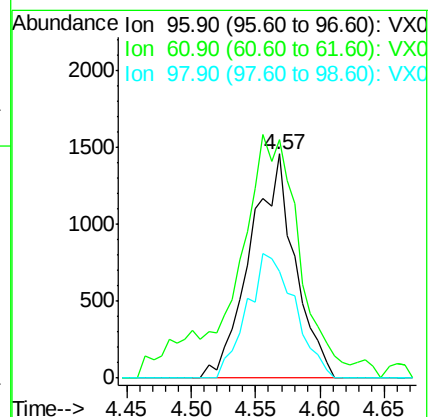
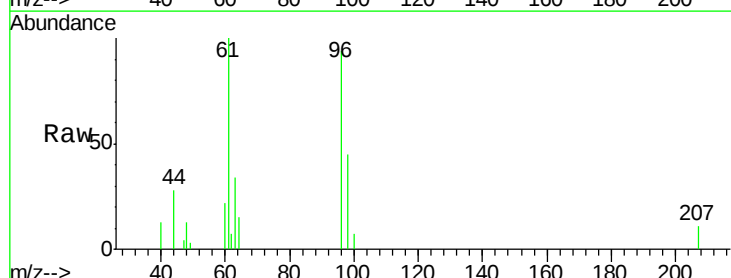
Tgt Ion: 96 Resp: 3520

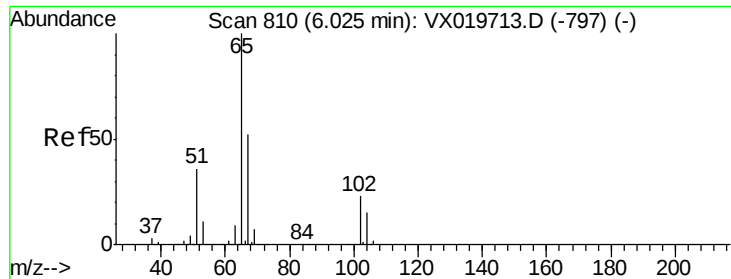
Ion Ratio Lower Upper

96 100

61 132.8 0.0 285.6

98 58.8 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 47.051 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019738.D

Acq: 04 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

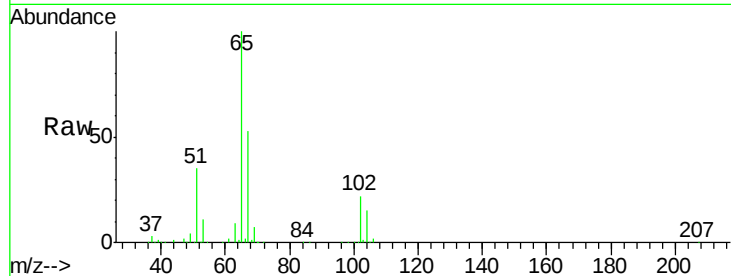
ID039-39-MWE7-120220

Tot Ion: 65 Resp: 204531

Ion Ratio Lower Upper

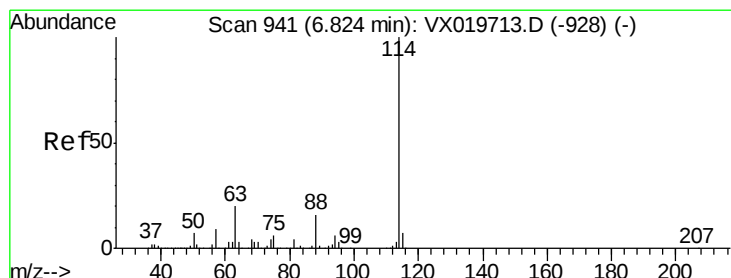
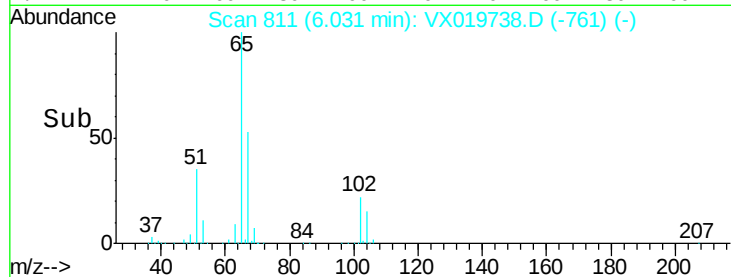
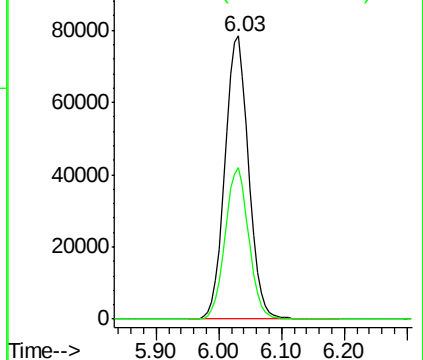
65 100

67 53.3 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: VX019738.D

Acq: 04 Dec 2020 23:33

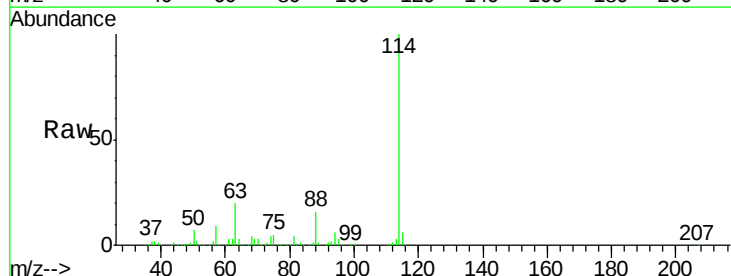
Tgt Ion: 114 Resp: 540643

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

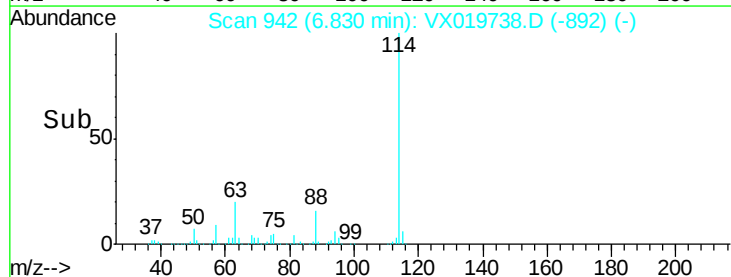
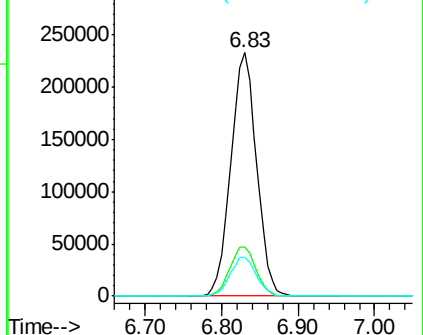
88 15.8 0.0 32.8

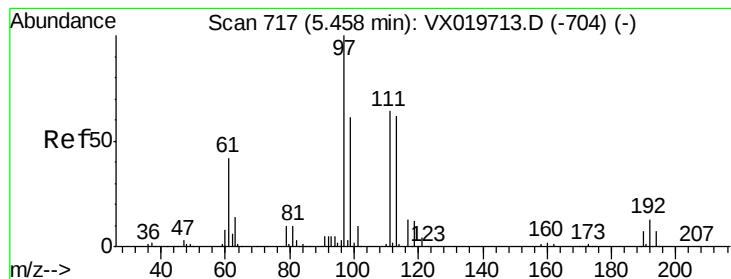


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.897 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019738.D

Acq: 04 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

ID039-39-MWE7-120220

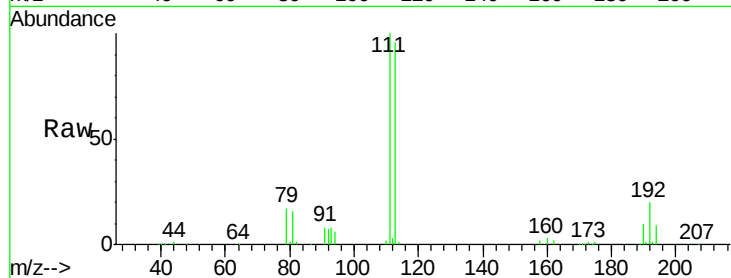
Tot Ion:113 Resp: 163864

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

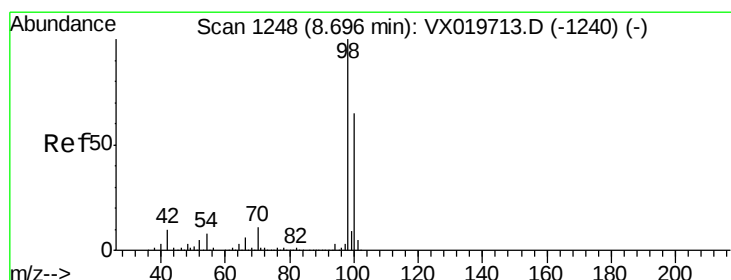
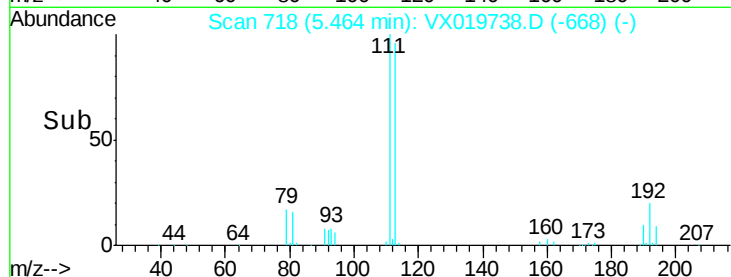
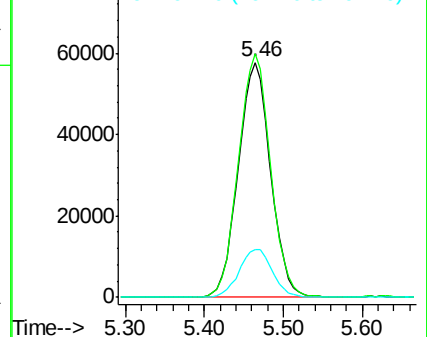
192 21.1 16.7 25.1



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: 49.071 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019738.D

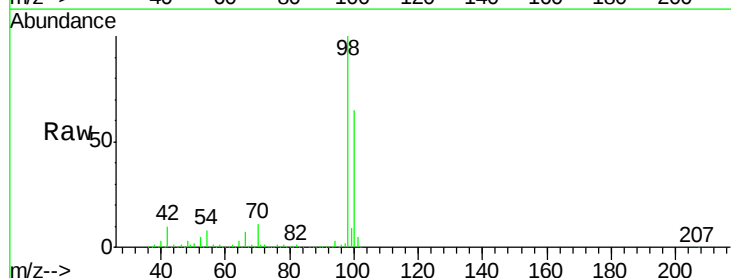
Acq: 04 Dec 2020 23:33

Tgt Ion: 98 Resp: 654590

Ion Ratio Lower Upper

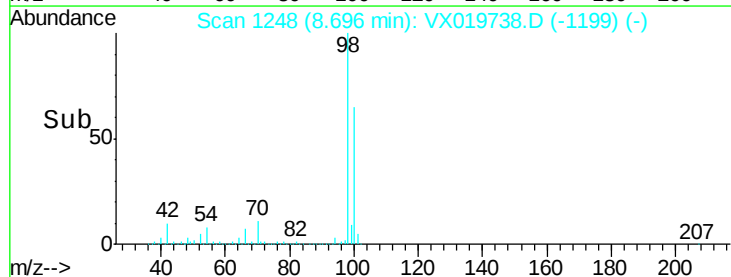
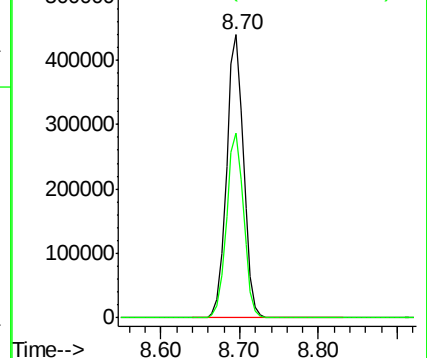
98 100

100 66.0 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: 46.331 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019738.D

Acq: 04 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

ID039-39-MWE7-120220

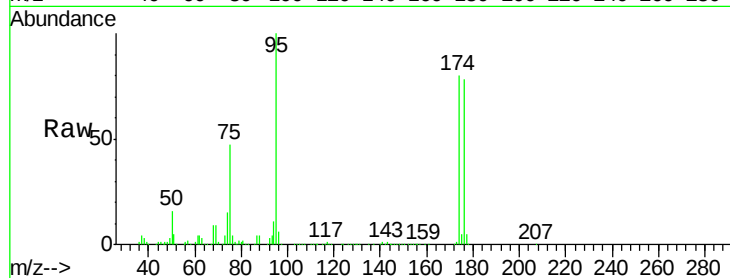
Tot Ion: 95 Resp: 235233

Ion Ratio Lower Upper

95 100

174 76.6 0.0 154.6

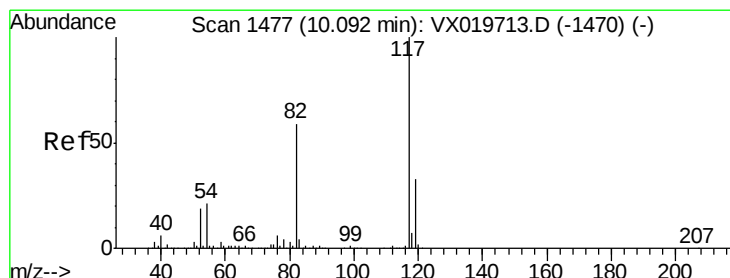
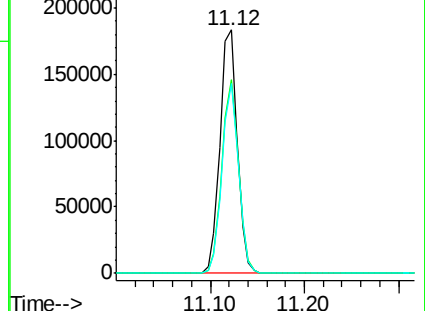
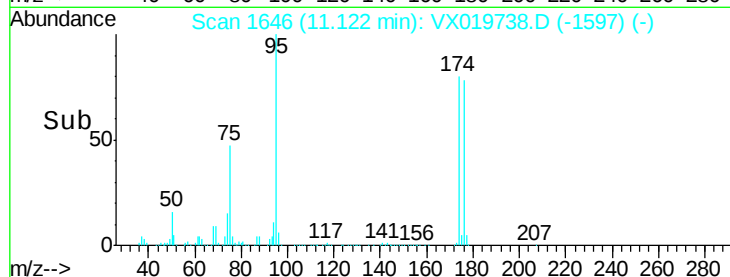
176 74.9 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX019738.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX019738.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019738.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX019738.D

Acq: 04 Dec 2020 23:33

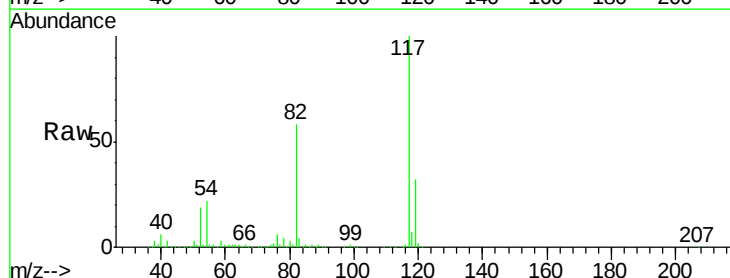
Tgt Ion: 117 Resp: 494393

Ion Ratio Lower Upper

117 100

82 58.2 47.4 71.2

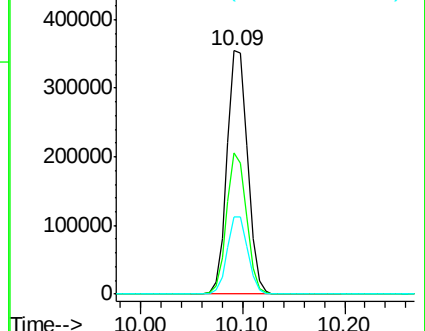
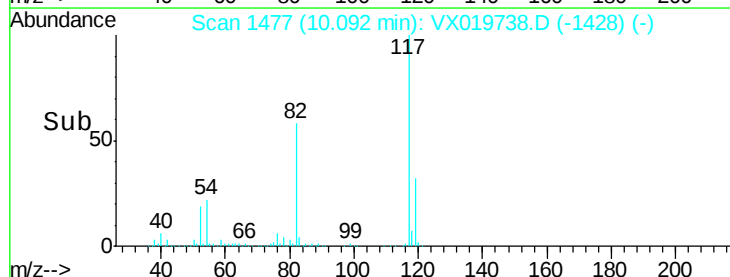
119 31.9 26.6 39.8

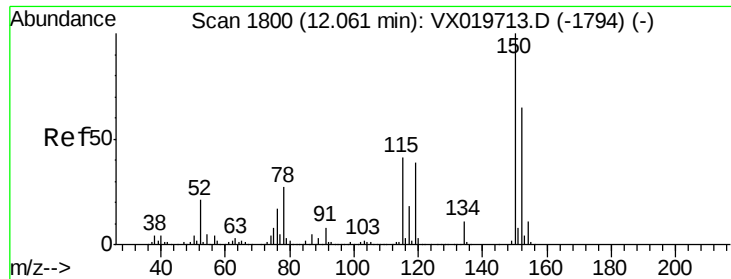


Abundance Ion 116.90 (116.60 to 117.60): VX019738.D (-1428) (-)

Ion 82.00 (81.70 to 82.70): VX019738.D (-1428) (-)

Ion 118.90 (118.60 to 119.60): VX019738.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: VX019738.D

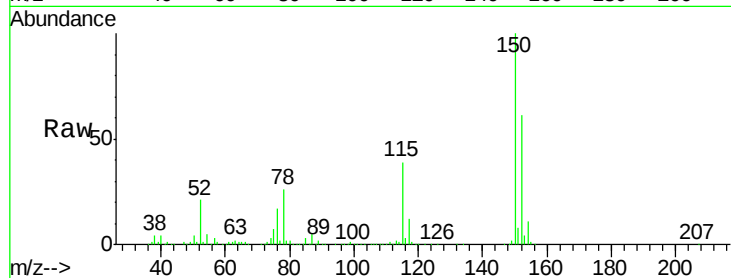
Acq: 04 Dec 2020 23:33

Instrument :

MSVOA_X

ClientSampleId :

ID039-39-MWE7-120220



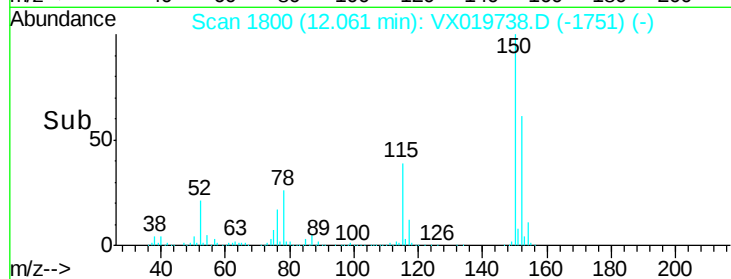
Tot Ion:152 Resp: 218809

Ion Ratio Lower Upper

152 100

115 59.6 41.1 123.3

150 155.8 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

