

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019740.D
 Acq On : 05 Dec 2020 00:20
 Operator : JC/MD
 Sample : L4953-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39-5093-120320

Quant Time: Dec 05 05:49:09 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	330378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	539448	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	478583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195751	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	204555	47.11	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.22%
35) Dibromofluoromethane	5.46	113	165485	47.47	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.94%
50) Toluene-d8	8.70	98	642001	48.23	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.46%
62) 4-Bromofluorobenzene	11.12	95	219230	43.27	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.54%

Target Compounds

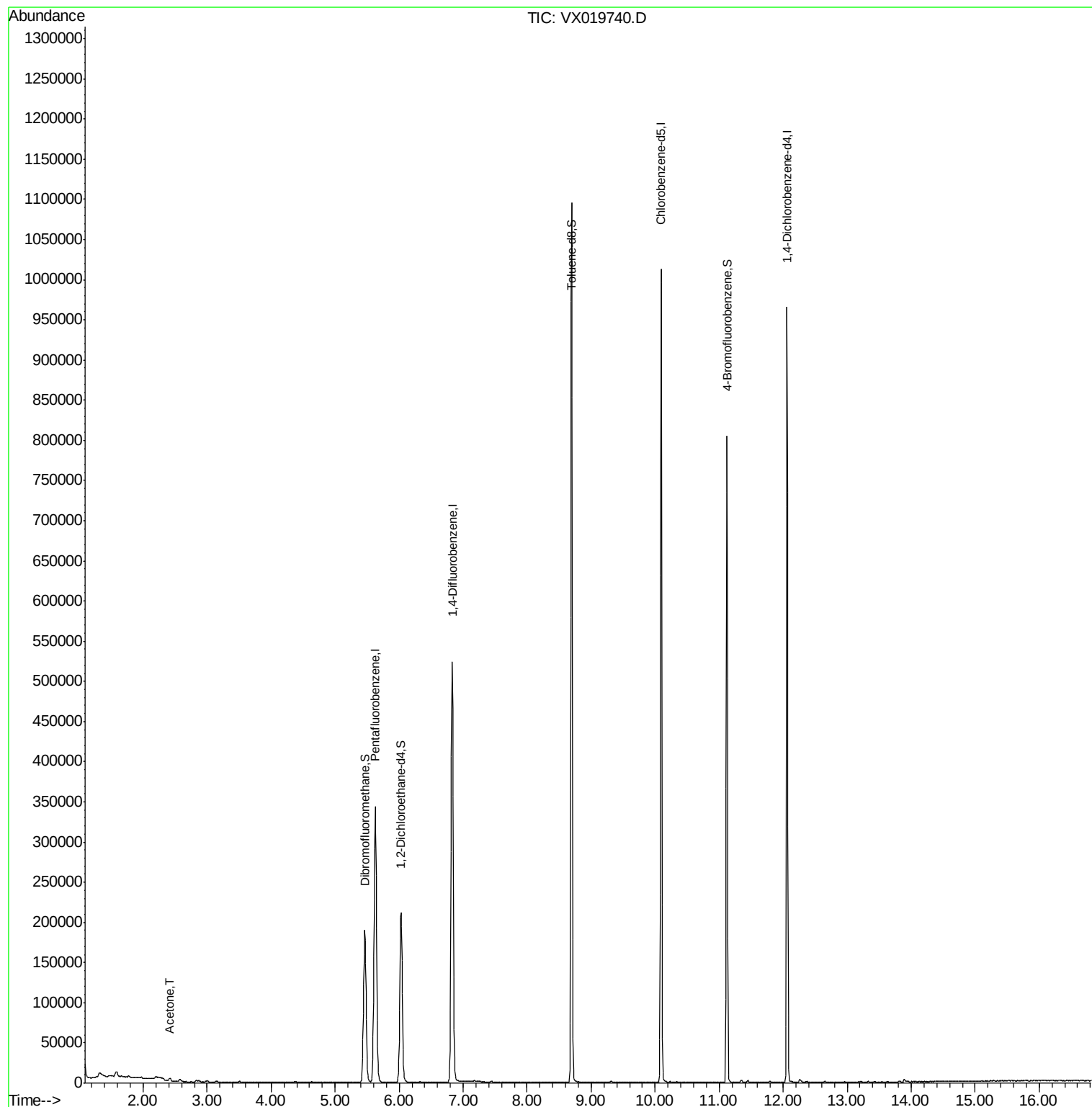
					Qvalue
16) Acetone	2.42	43	4021	2.464	ug/l 99

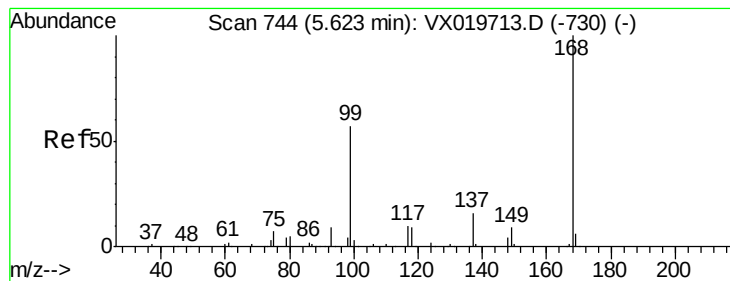
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019740.D

Acq: 05 Dec 2020 00:20

Instrument :

MSVOA_X

ClientSampleId :

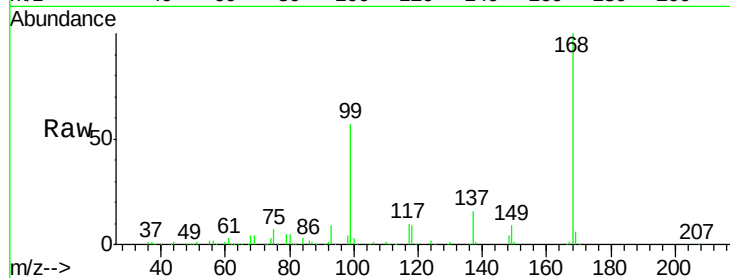
ID039-39-5093-120320

Tot Ion:168 Resp: 330378

Ion Ratio Lower Upper

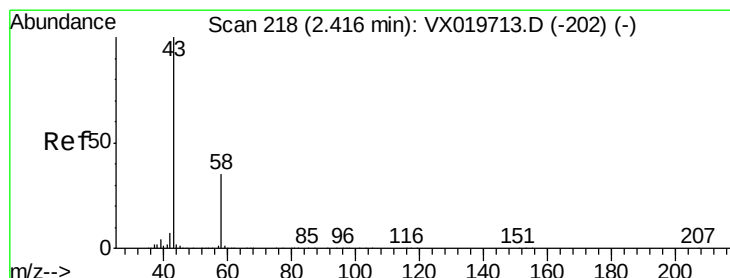
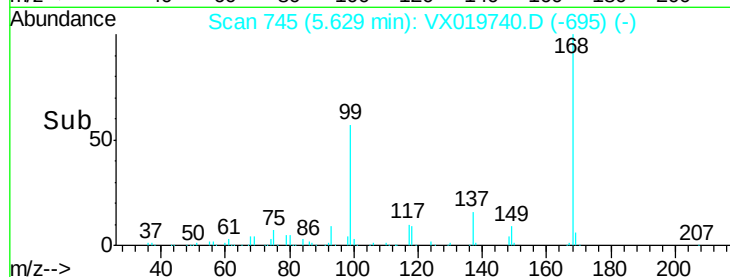
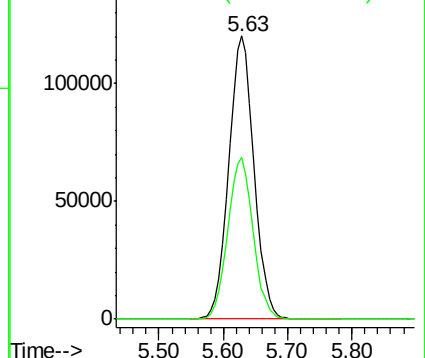
168 100

99 57.2 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: 2.464 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019740.D

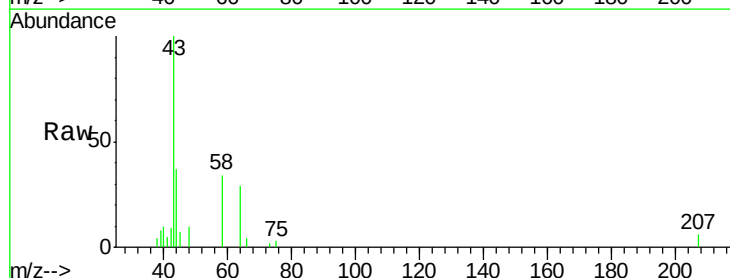
Acq: 05 Dec 2020 00:20

Tgt Ion: 43 Resp: 4021

Ion Ratio Lower Upper

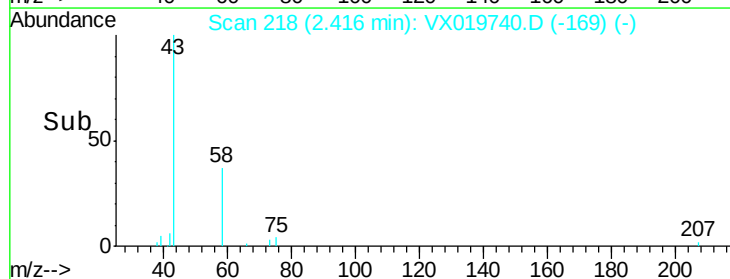
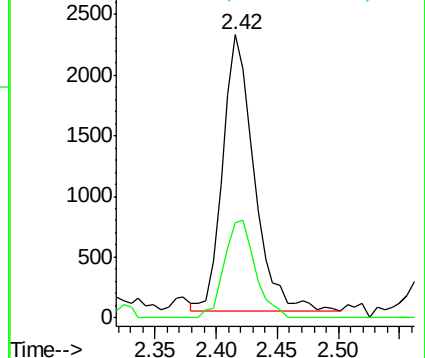
43 100

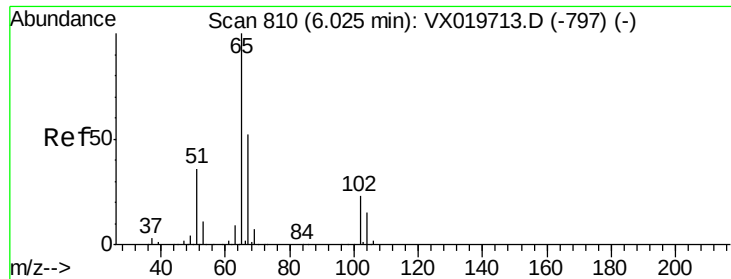
58 34.4 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

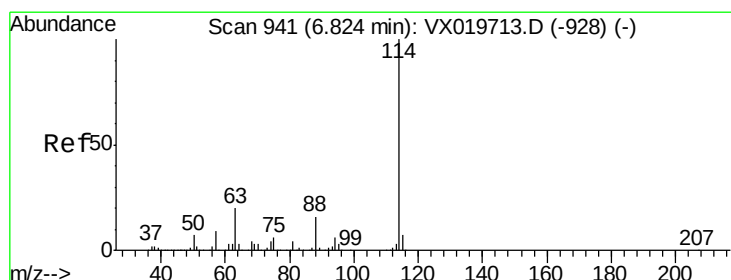
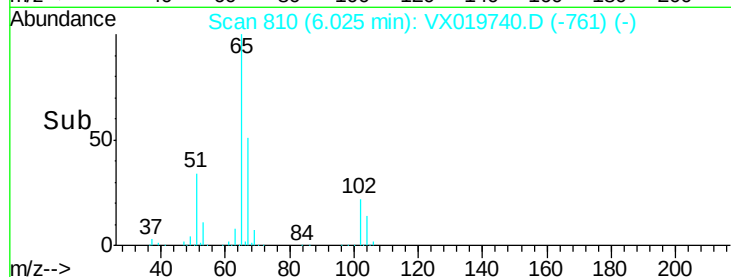
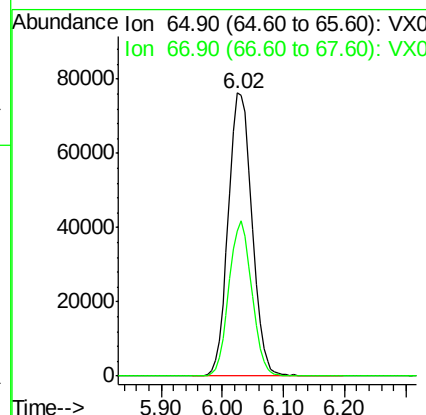
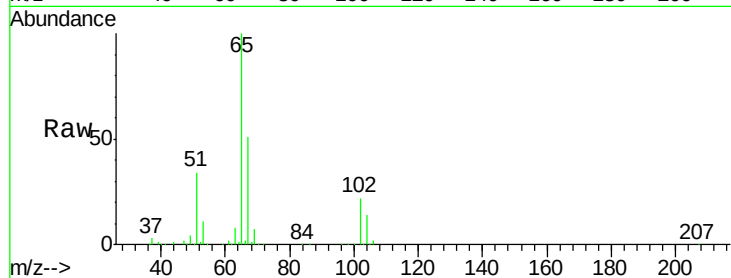




#33
 1,2-Dichloroethane-d4
 Concen: 47.109 ug/l
 RT: 6.02 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019740.D
 Acq: 05 Dec 2020 00:20

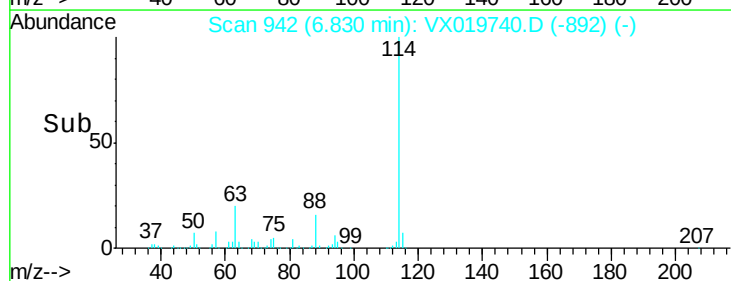
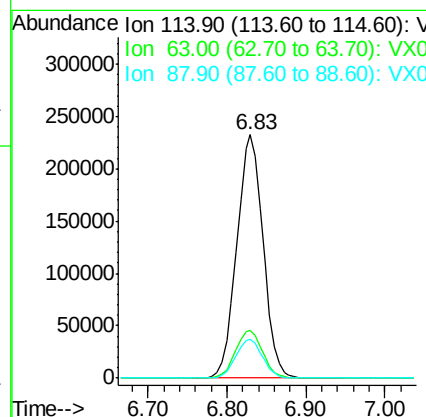
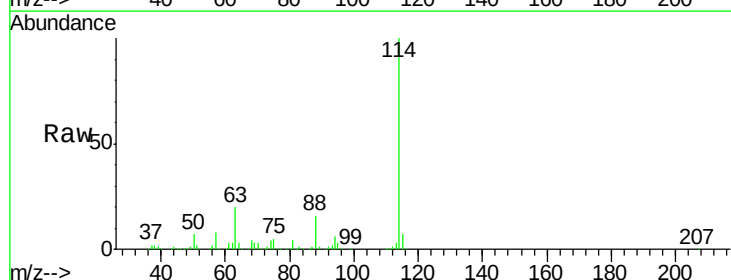
Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39-5093-120320

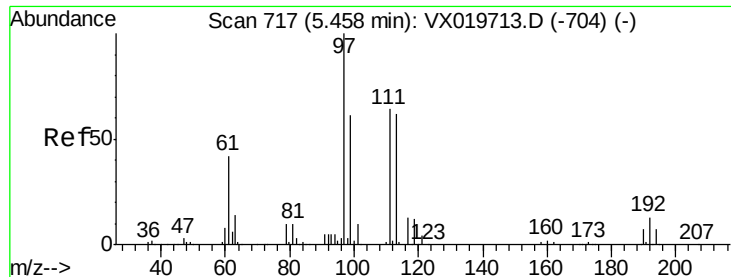
Tot Ion: 65 Resp: 204555
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019740.D
 Acq: 05 Dec 2020 00:20

Tgt Ion: 114 Resp: 539448
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.8
 88 16.0 0.0 32.8

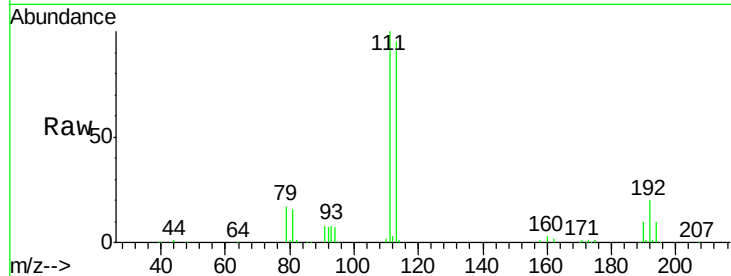




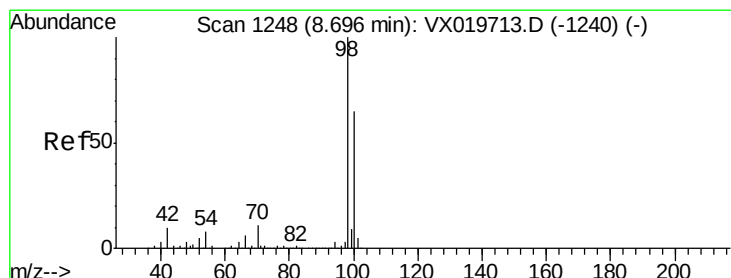
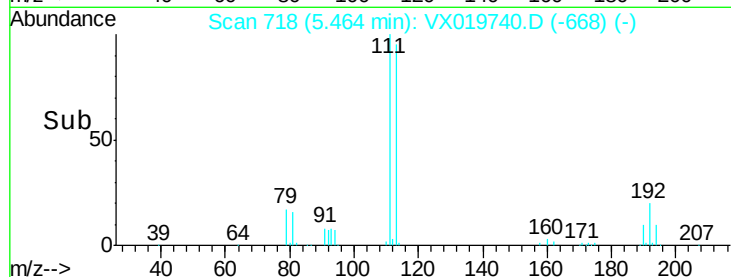
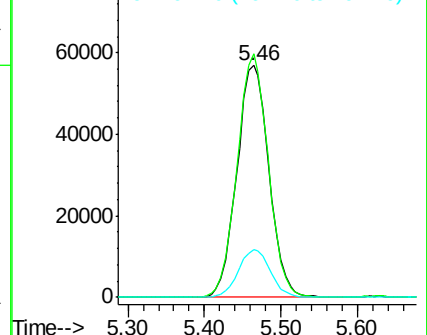
#35
 Dibromofluoromethane
 Concen: 47.466 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019740.D
 Acq: 05 Dec 2020 00:20

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39-5093-120320

Tot Ion:113 Resp: 165485
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.9 122.9
 192 20.4 16.7 25.1

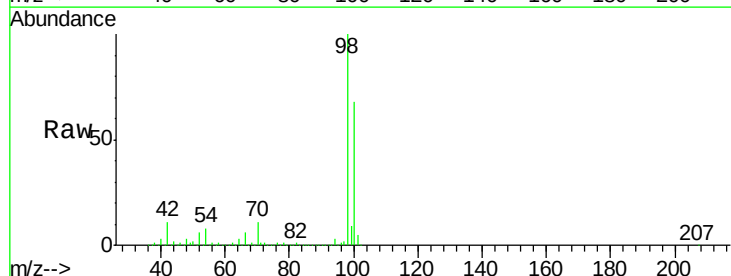


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

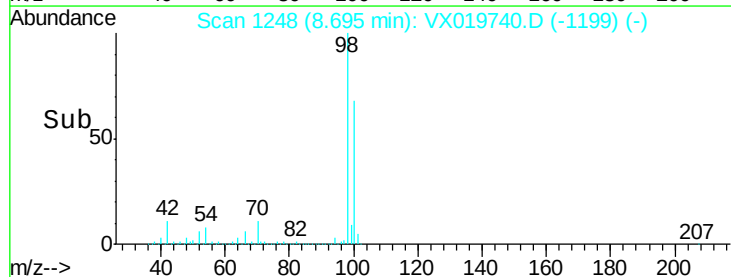
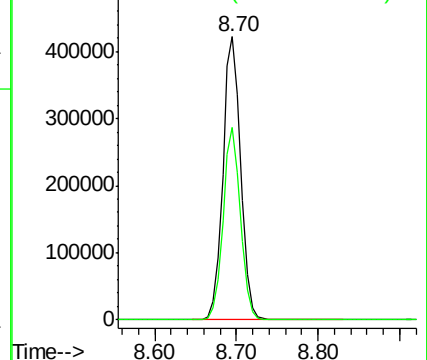


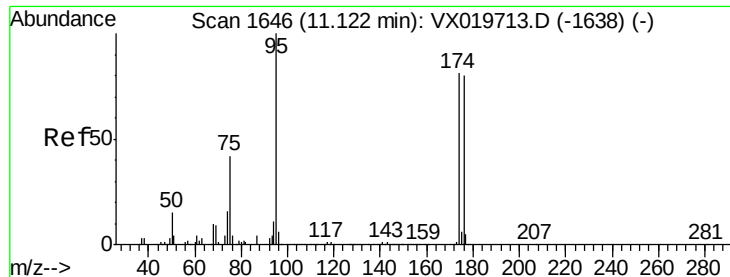
#50
 Toluene-d8
 Concen: 48.234 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019740.D
 Acq: 05 Dec 2020 00:20

Tgt Ion: 98 Resp: 642001
 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: 43.275 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019740.D

Acq: 05 Dec 2020 00:20

Instrument :

MSVOA_X

ClientSampleId :

ID039-39-5093-120320

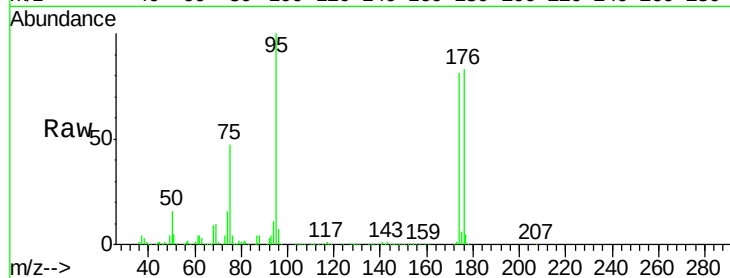
Tot Ion: 95 Resp: 219230

Ion Ratio Lower Upper

95 100

174 78.2 0.0 154.6

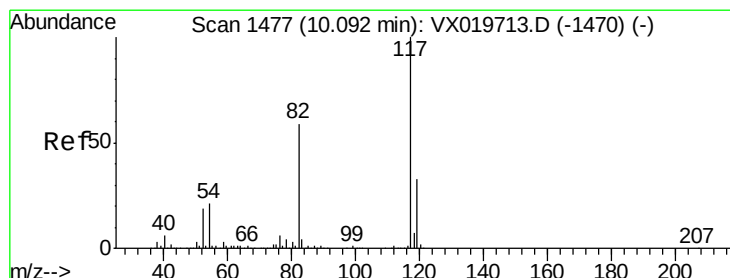
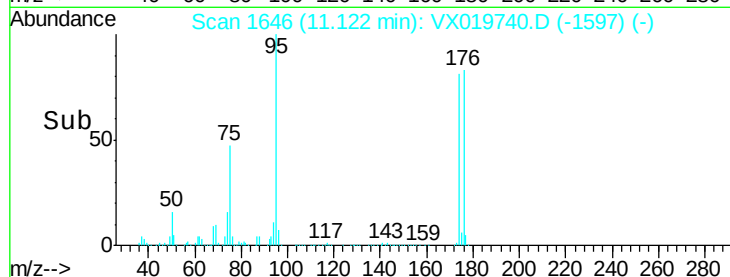
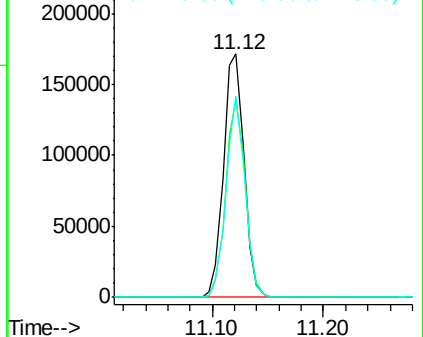
176 75.9 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019740.D

Acq: 05 Dec 2020 00:20

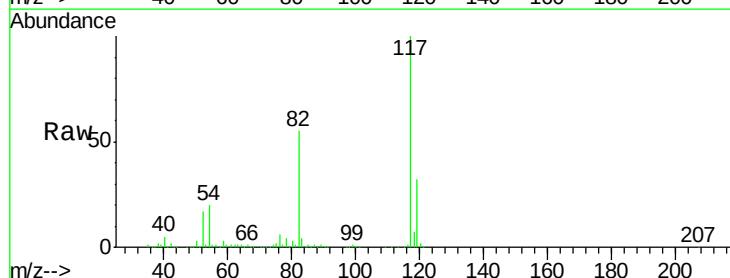
Tgt Ion: 117 Resp: 478583

Ion Ratio Lower Upper

117 100

82 54.6 47.4 71.2

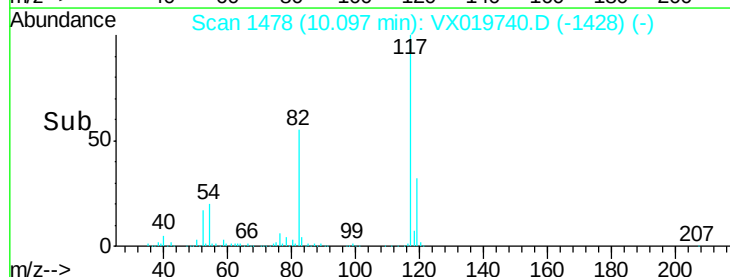
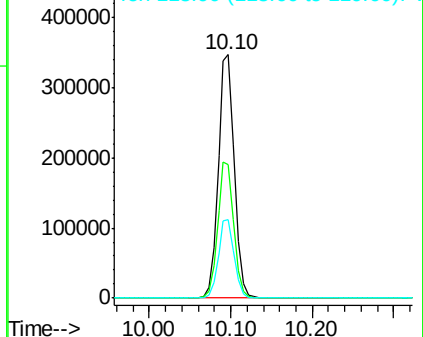
119 32.5 26.6 39.8

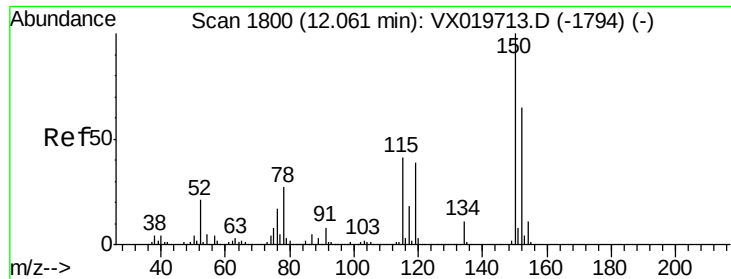


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019740.D

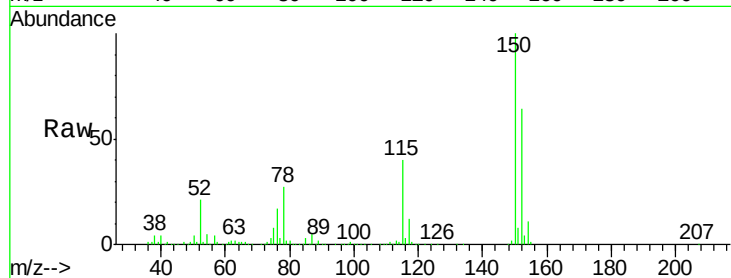
Acq: 05 Dec 2020 00:20

Instrument :

MSVOA_X

ClientSampleId :

ID039-39-5093-120320



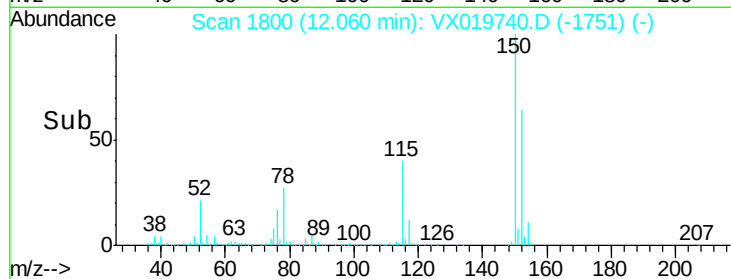
Tot Ion:152 Resp: 195751

Ion Ratio Lower Upper

152 100

115 60.5 41.1 123.3

150 157.7 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

