

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019716.D
 Acq On : 04 Dec 2020 13:37
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 04 16:13:16 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	355749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	574308	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	523096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	239481	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	212494	45.45	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.90%		
35) Dibromofluoromethane	5.46	113	173402	46.72	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.44%		
50) Toluene-d8	8.70	98	696302	49.14	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.28%		
62) 4-Bromofluorobenzene	11.12	95	249511	46.26	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.52%		

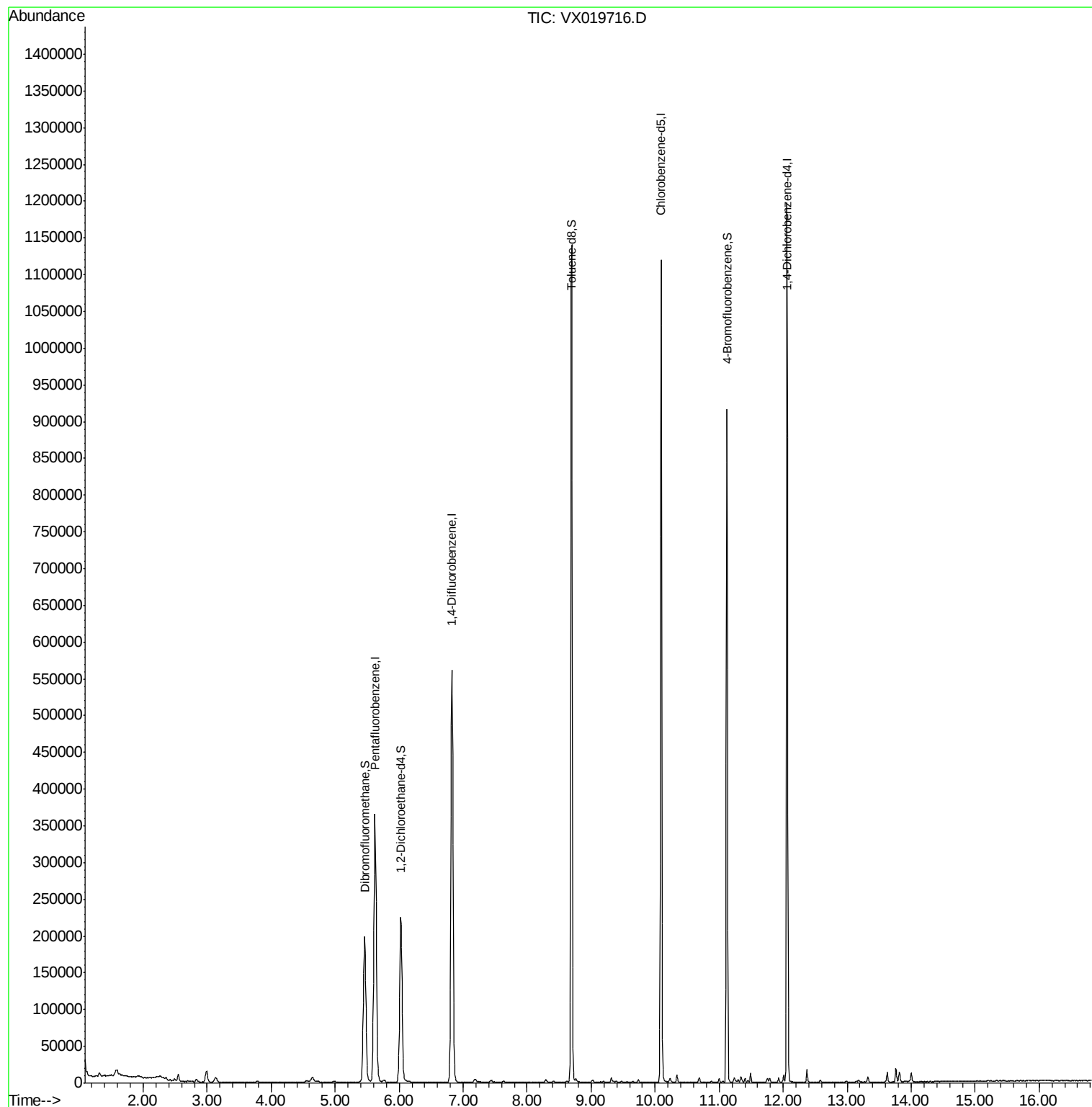
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.82	84	1768	Below Cal	#	84

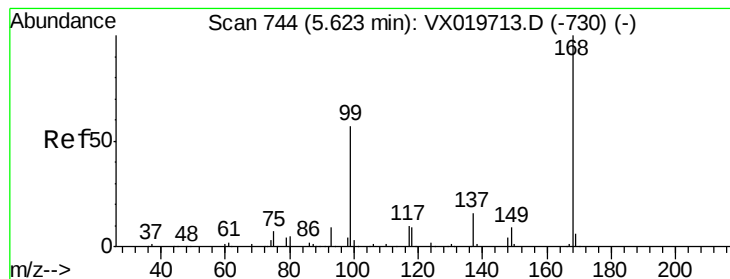
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
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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: VX019716.D

Acq: 04 Dec 2020 13:37

Instrument :

MSVOA_X

ClientSampled :

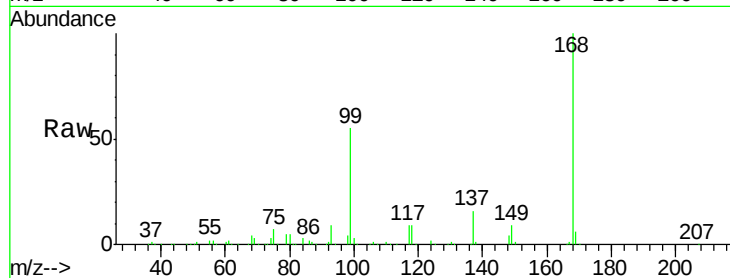
IBLK

Tot Ion:168 Resp: 355749

Ion Ratio Lower Upper

168 100

99 54.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

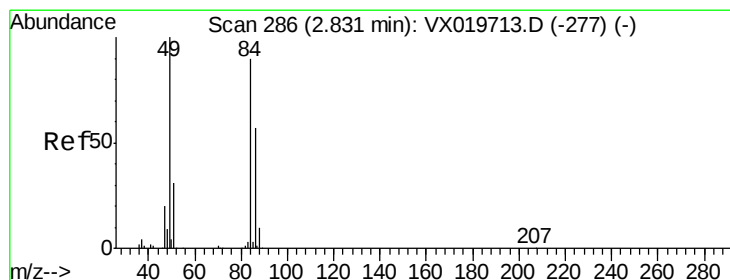
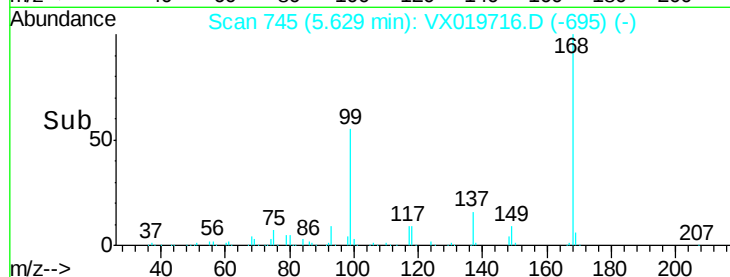
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 2.82 min Scan# 285

Delta R.T. -0.01 min

Lab File: VX019716.D

Acq: 04 Dec 2020 13:37

Tgt Ion: 84 Resp: 1768

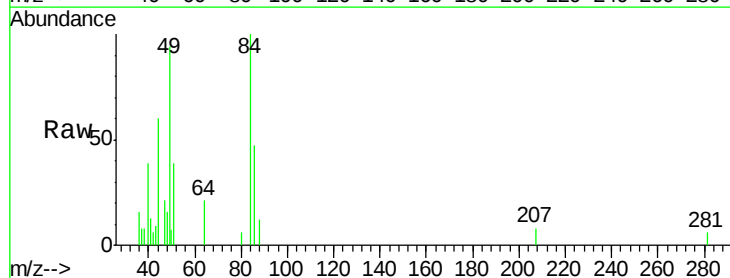
Ion Ratio Lower Upper

84 100

49 93.8 88.6 132.8

51 39.0 27.0 40.6

86 46.7 50.3 75.5#



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

2.82

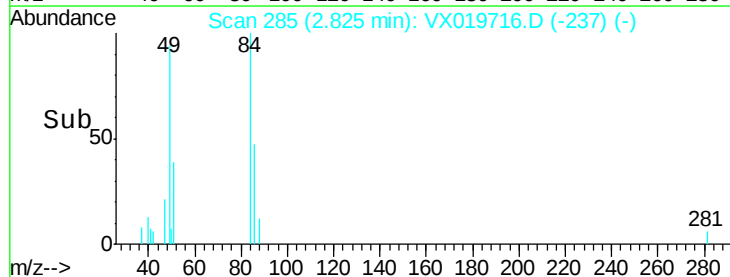
1500

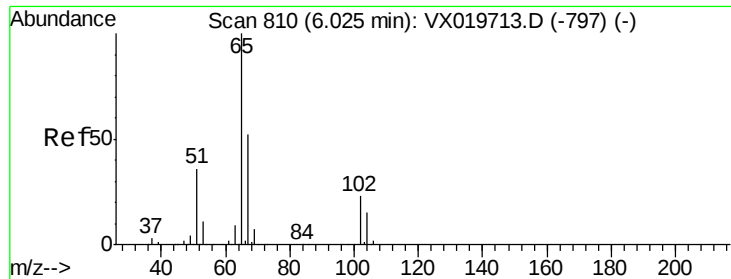
1000

500

0

Time-->

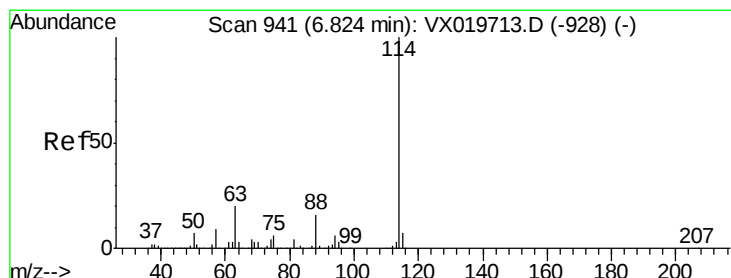
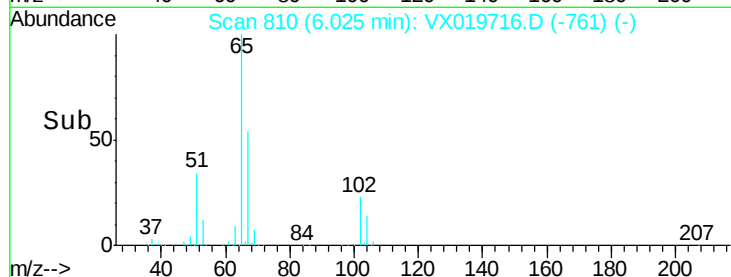
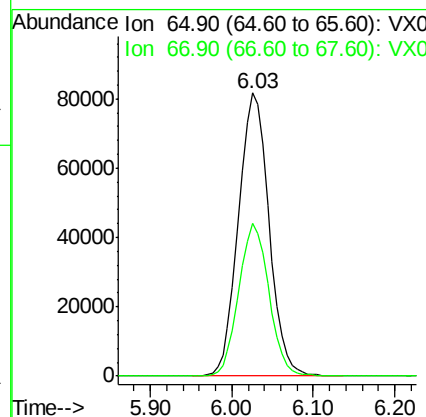
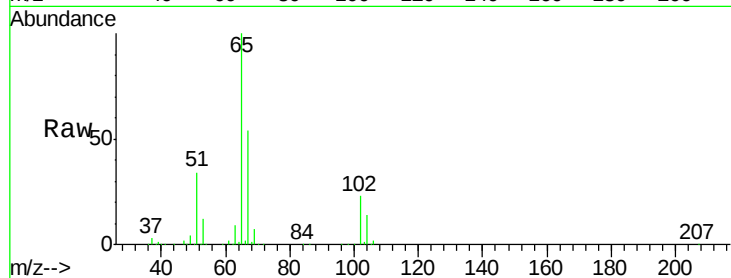




#33
 1,2-Dichloroethane-d4
 Concen: 45.448 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019716.D
 Acq: 04 Dec 2020 13:37

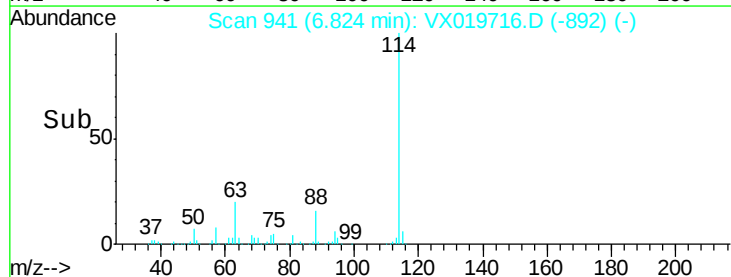
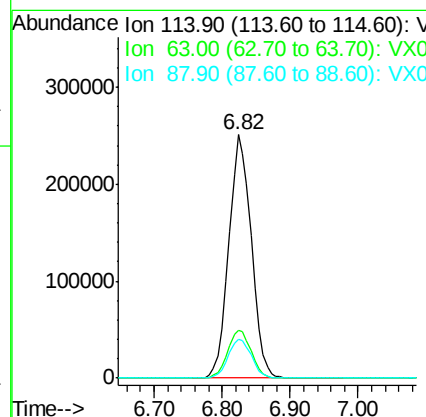
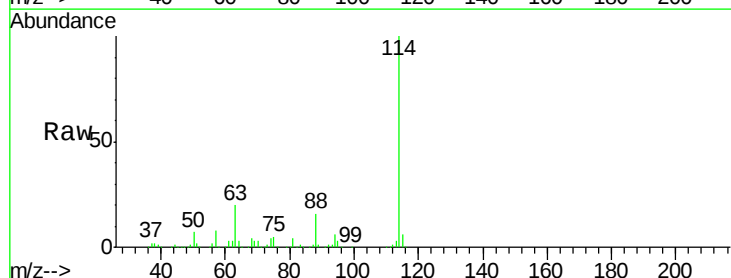
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

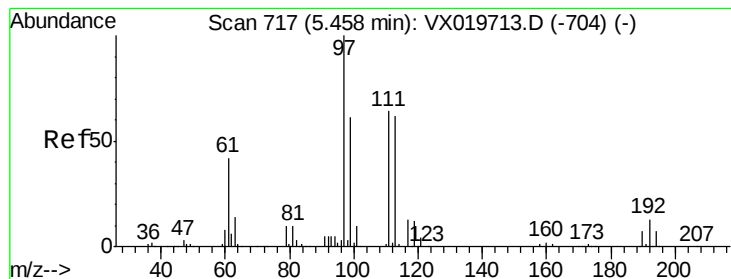
Tot Ion: 65 Resp: 212494
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VX019716.D
 Acq: 04 Dec 2020 13:37

Tgt Ion: 114 Resp: 574308
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.8
 88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.718 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019716.D

Acq: 04 Dec 2020 13:37

Instrument :

MSVOA_X

ClientSampled :

IBLK

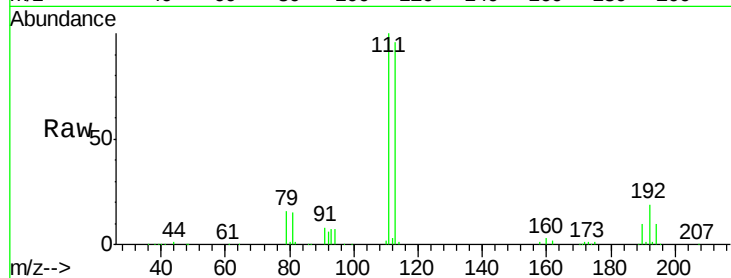
Tot Ion:113 Resp: 173402

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

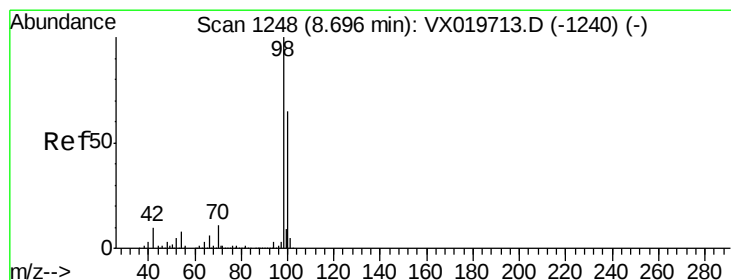
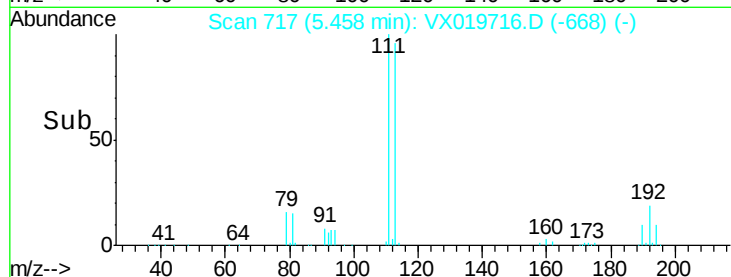
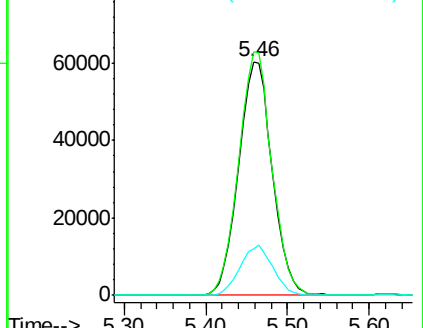
192 20.9 16.7 25.1



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: 49.139 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019716.D

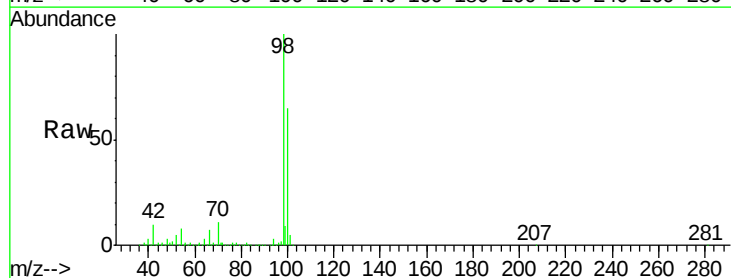
Acq: 04 Dec 2020 13:37

Tgt Ion: 98 Resp: 696302

Ion Ratio Lower Upper

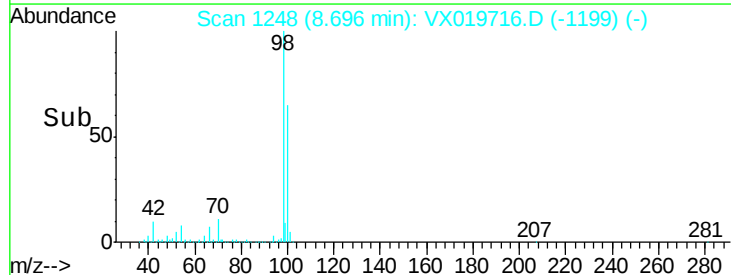
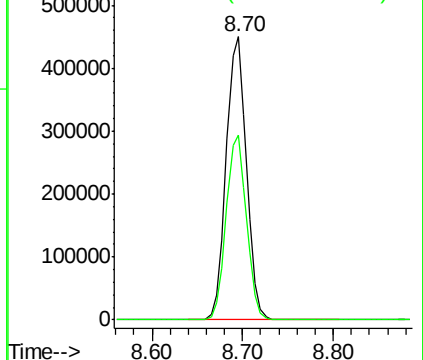
98 100

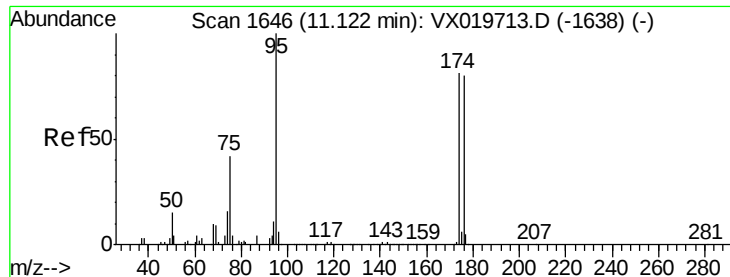
100 65.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.263 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019716.D

Acq: 04 Dec 2020 13:37

Instrument :

MSVOA_X

ClientSampled :

IBLK

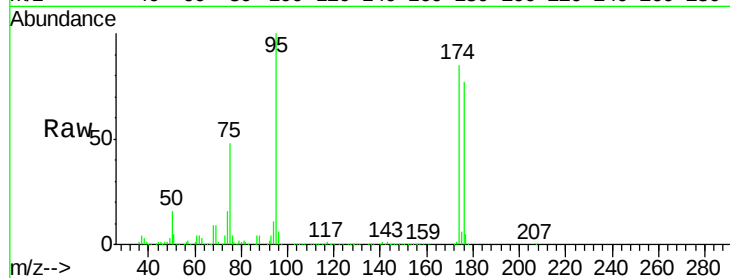
Tot Ion: 95 Resp: 249511

Ion Ratio Lower Upper

95 100

174 79.7 0.0 154.6

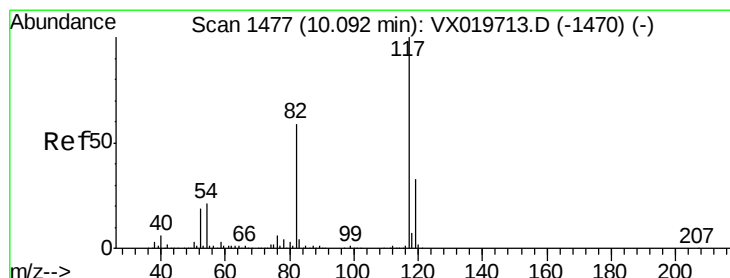
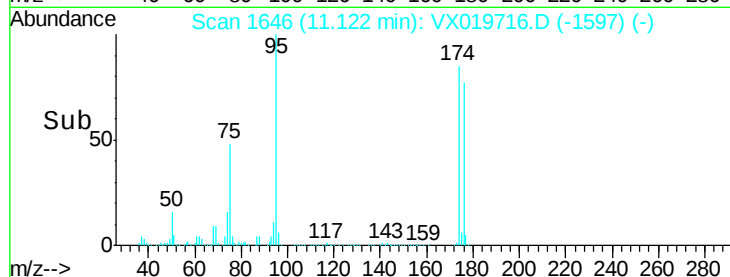
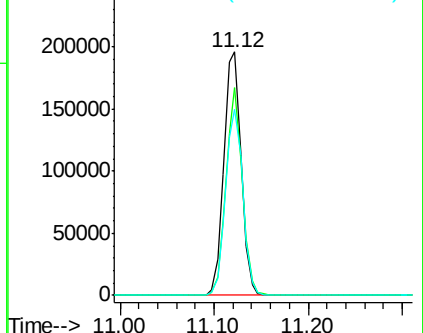
176 76.6 0.0 155.8



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: 10.09 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX019716.D

Acq: 04 Dec 2020 13:37

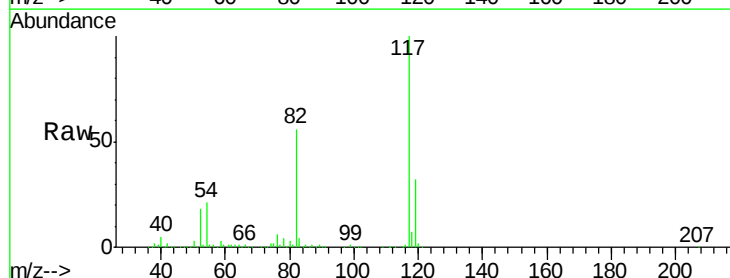
Tgt Ion: 117 Resp: 523096

Ion Ratio Lower Upper

117 100

82 56.1 47.4 71.2

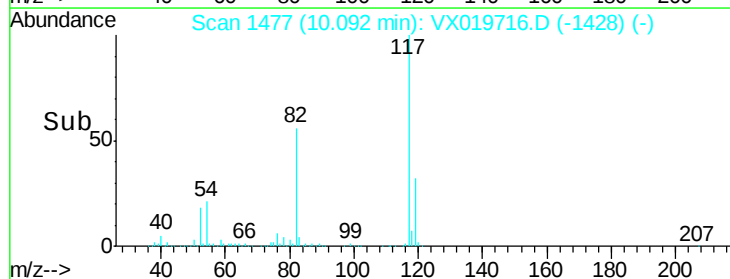
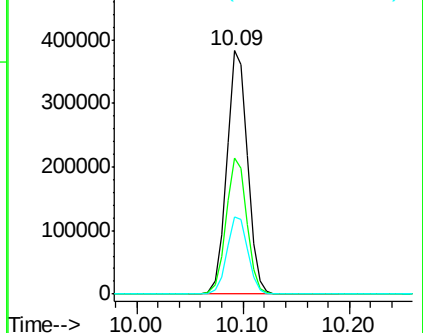
119 31.8 26.6 39.8

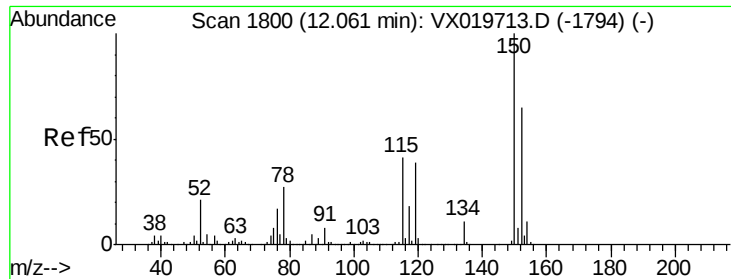


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX019716.D

Acq: 04 Dec 2020 13:37

Instrument :

MSVOA_X

ClientSampleId :

IBLK

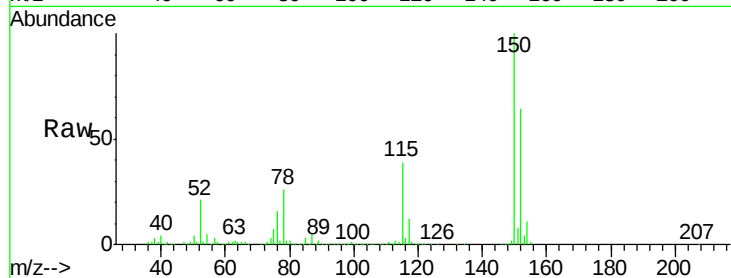
Tot Ion:152 Resp: 239481

Ion Ratio Lower Upper

152 100

115 59.4 41.1 123.3

150 155.6 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

