

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019545.D
 Acq On : 23 Nov 2020 13:08
 Operator : JC/MD
 Sample : L4857-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 24 04:01:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	326561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	522841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	450955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195105	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	191566	45.24	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.48%		
35) Dibromofluoromethane	5.46	113	153564	46.79	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.58%		
50) Toluene-d8	8.70	98	608366	47.70	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.40%		
62) 4-Bromofluorobenzene	11.12	95	210636	45.91	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.82%		

Target Compounds

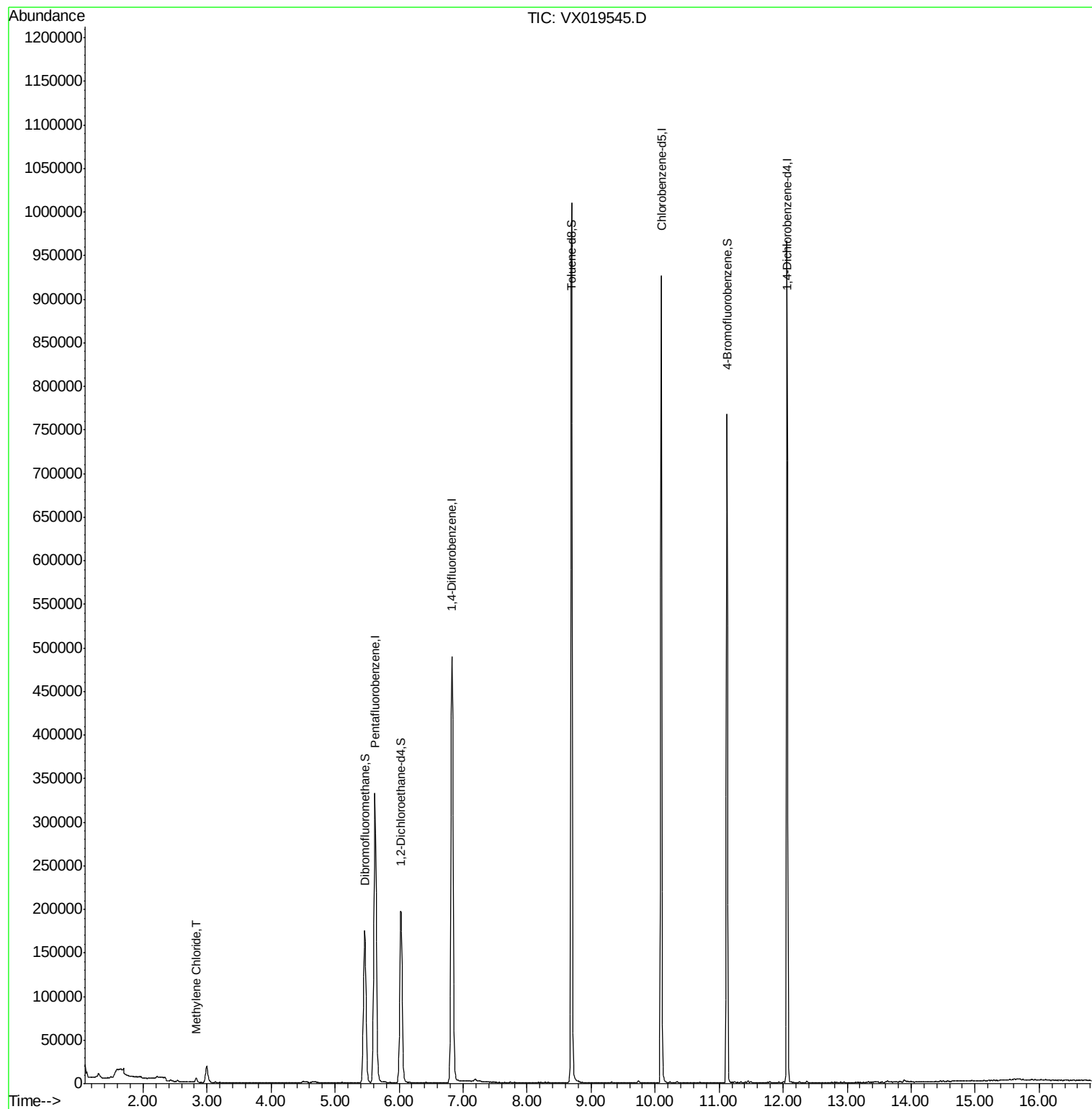
					Qvalue
20) Methylene Chloride	2.83	84	2307	0.564 ug/l	94

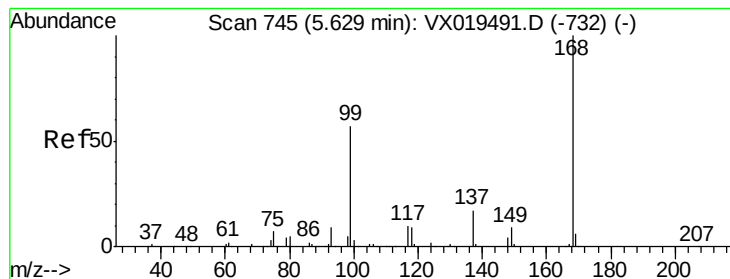
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019545.D

Acq: 23 Nov 2020 13:08

Instrument :

MSVOA_X

ClientSampled :

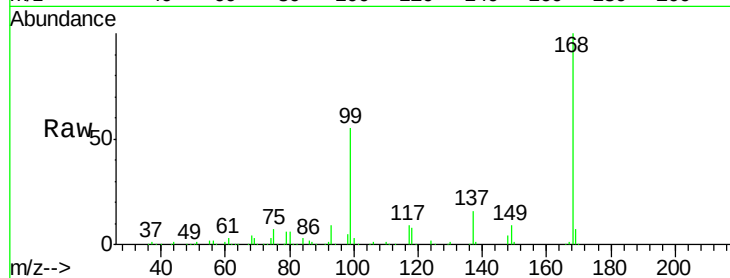
TRIP-BLANK

Tot Ion:168 Resp: 326561

Ion Ratio Lower Upper

168 100

99 55.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

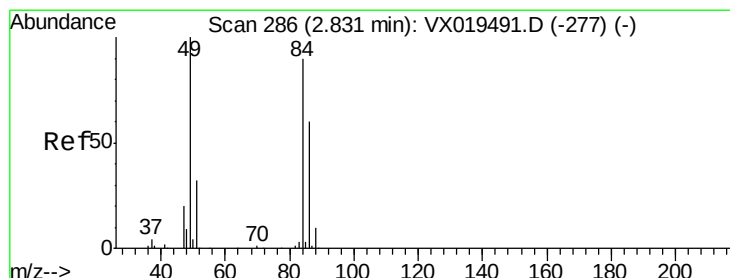
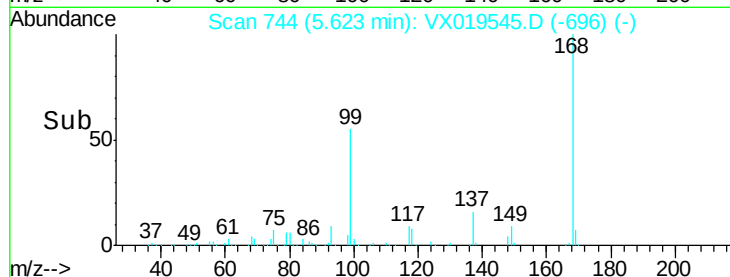
5.62

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 0.564 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX019545.D

Acq: 23 Nov 2020 13:08

Tgt Ion: 84 Resp: 2307

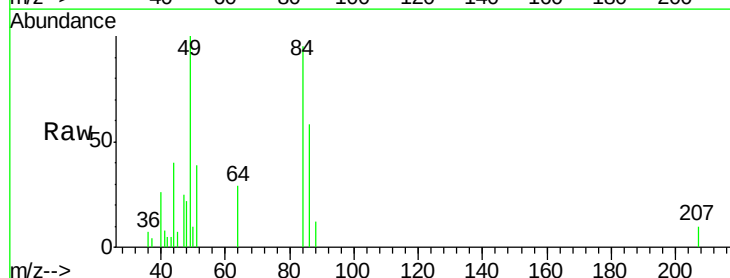
Ion Ratio Lower Upper

84 100

49 105.0 88.5 132.7

51 40.8 28.0 42.0

86 61.1 53.0 79.4



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

2000

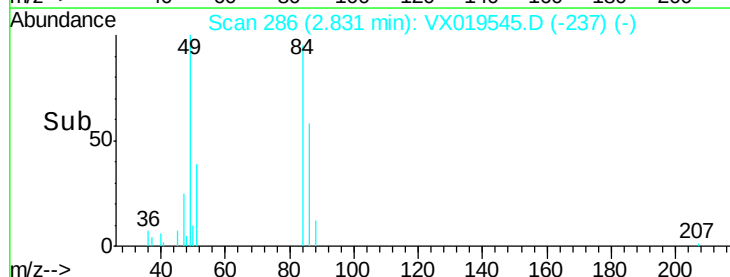
1500

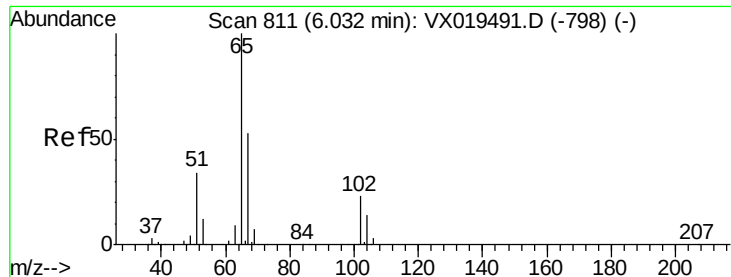
1000

500

0

Time-->

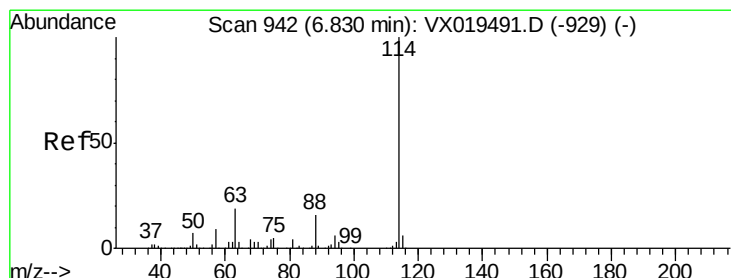
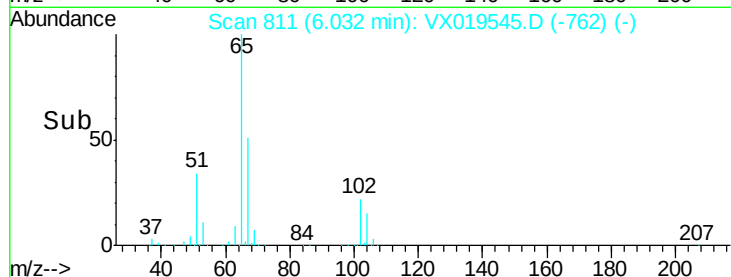
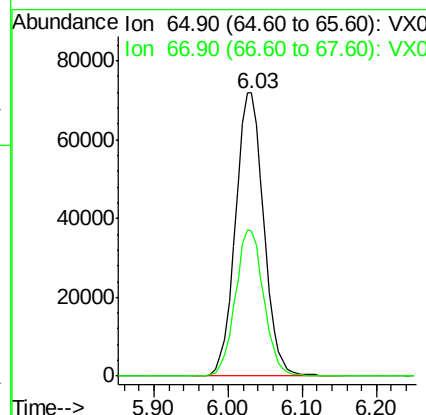
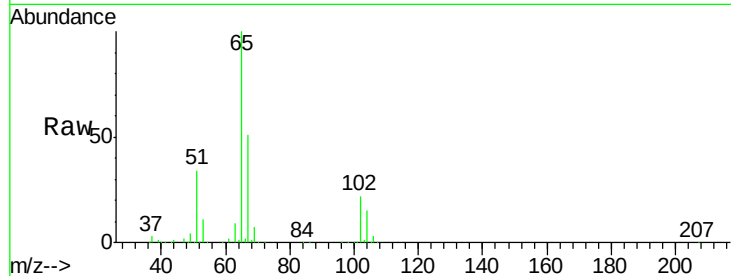




#33
 1,2-Dichloroethane-d4
 Concen: 45.243 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019545.D
 Acq: 23 Nov 2020 13:08

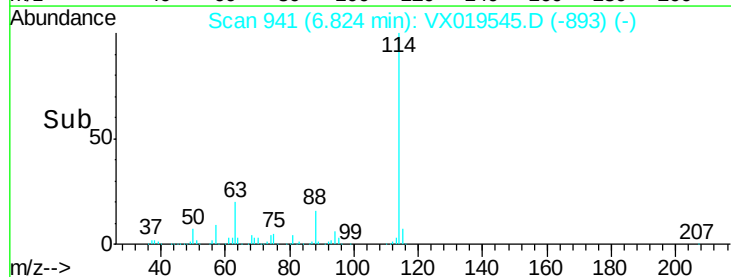
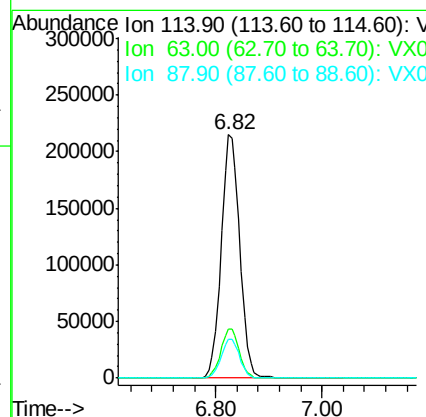
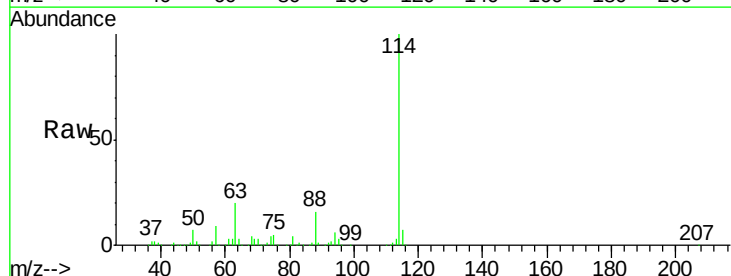
Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

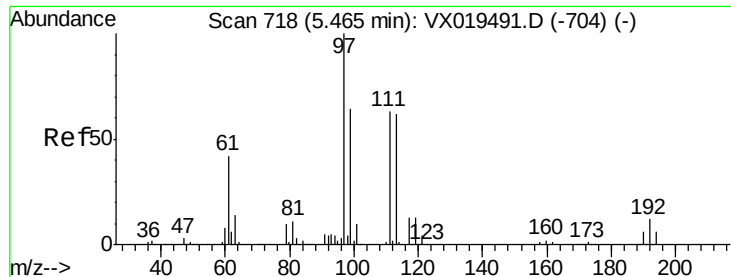
Tot Ion: 65 Resp: 191566
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019545.D
 Acq: 23 Nov 2020 13:08

Tgt Ion: 114 Resp: 522841
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.8
 88 16.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 46.792 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019545.D

Acq: 23 Nov 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

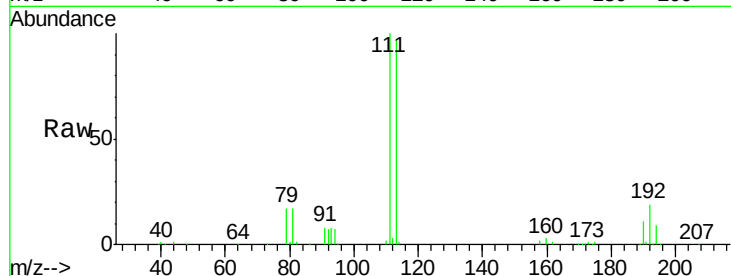
Tot Ion:113 Resp: 153564

Ion Ratio Lower Upper

113 100

111 103.2 81.5 122.3

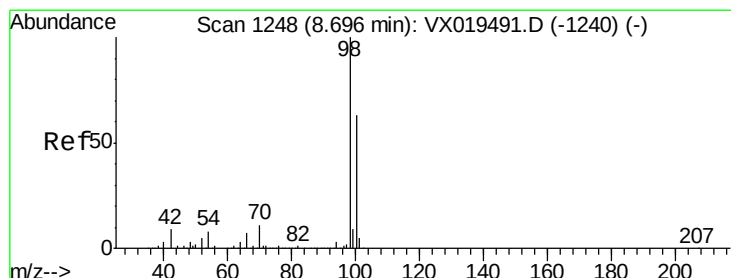
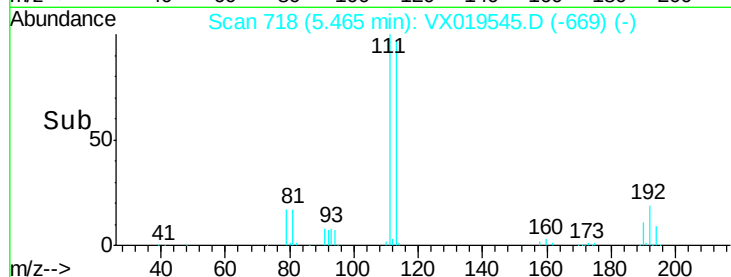
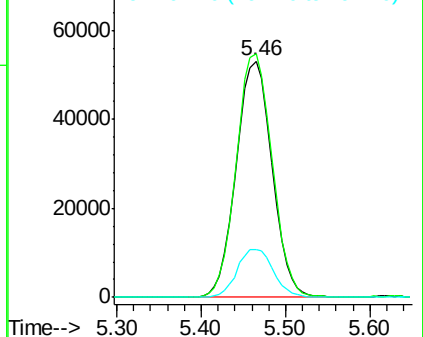
192 20.6 16.2 24.2



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: 47.704 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019545.D

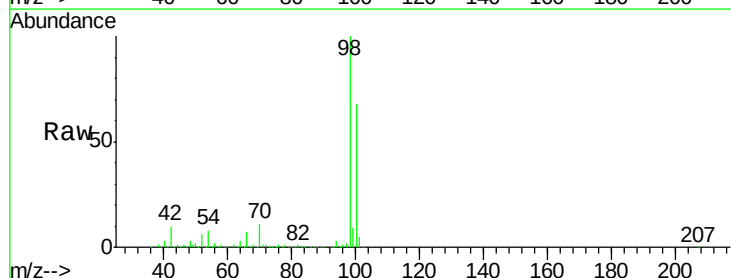
Acq: 23 Nov 2020 13:08

Tgt Ion: 98 Resp: 608366

Ion Ratio Lower Upper

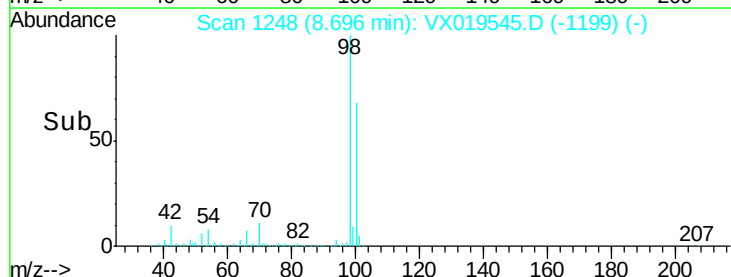
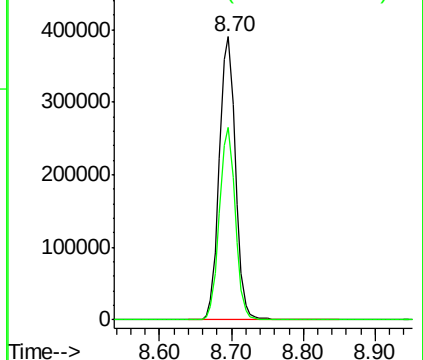
98 100

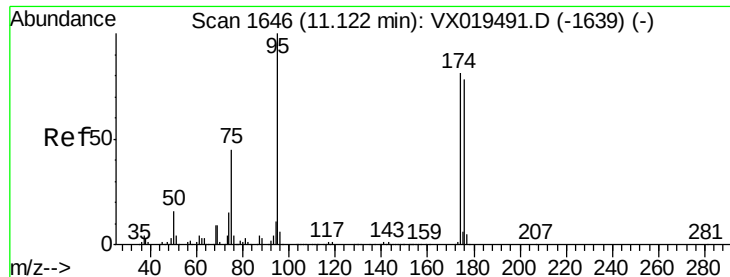
100 67.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.907 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019545.D

Acq: 23 Nov 2020 13:08

Instrument :

MSVOA_X

ClientSampled :

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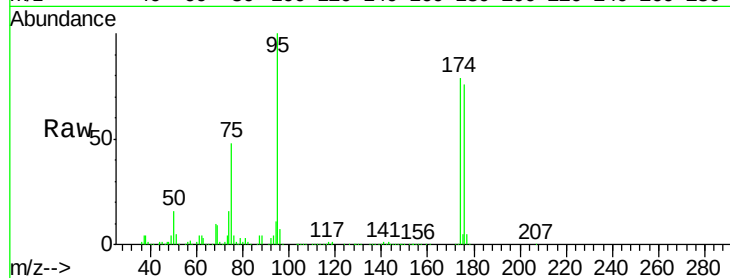
Tot Ion: 95 Resp: 210636

Ion Ratio Lower Upper

95 100

174 77.0 0.0 156.2

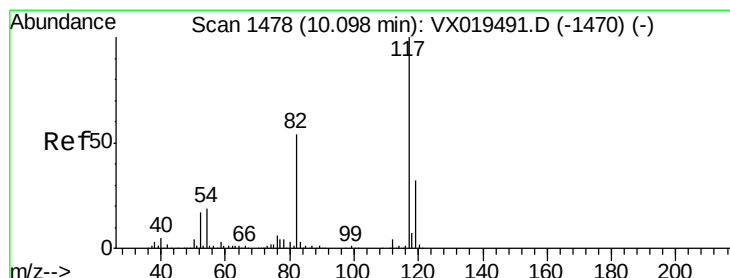
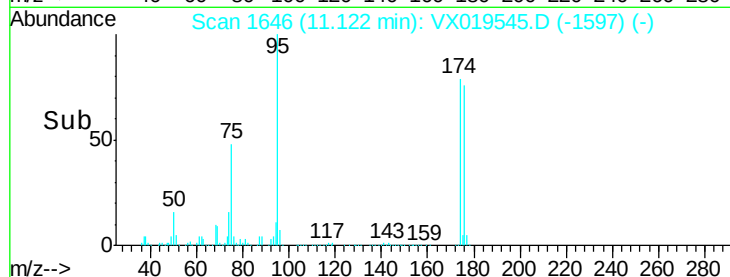
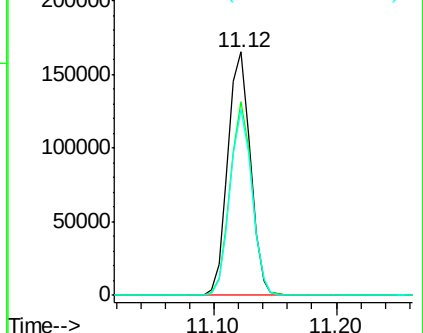
176 74.4 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX

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: VX019545.D

Acq: 23 Nov 2020 13:08

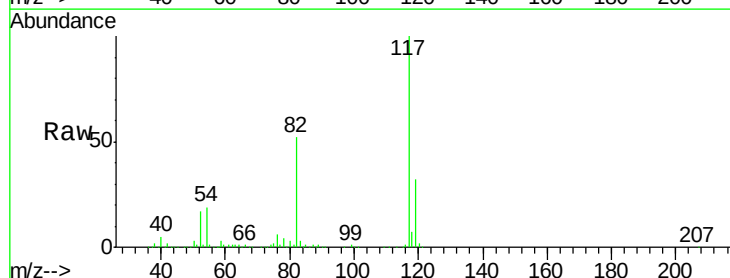
Tgt Ion: 117 Resp: 450955

Ion Ratio Lower Upper

117 100

82 51.5 43.0 64.4

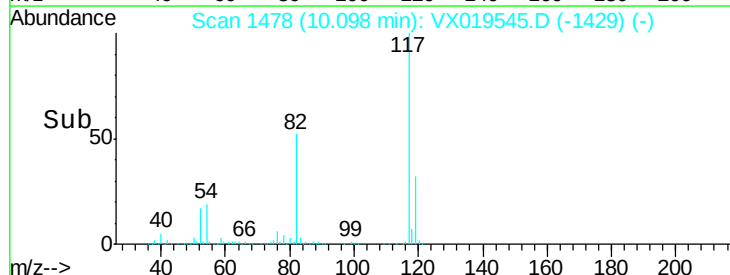
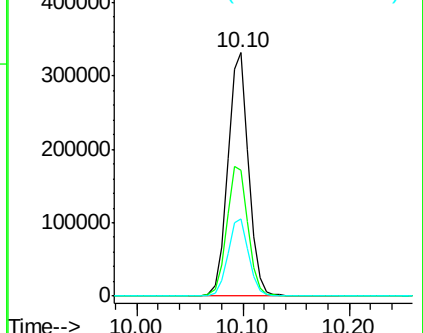
119 31.8 25.6 38.4

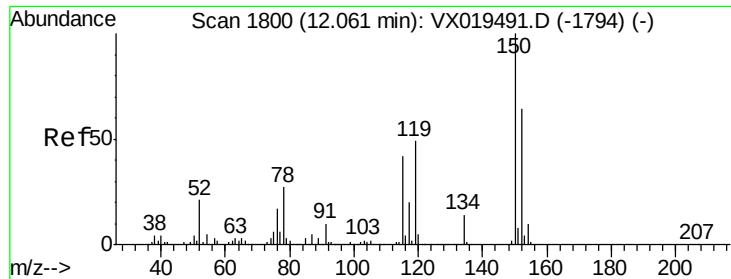


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX

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: VX019545.D

Acq: 23 Nov 2020 13:08

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

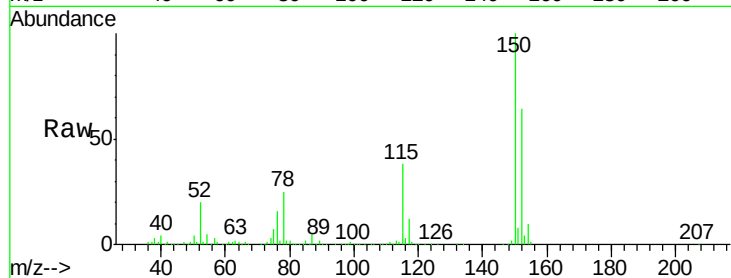
Tot Ion:152 Resp: 195105

Ion Ratio Lower Upper

152 100

115 59.6 41.8 125.4

150 155.5 0.0 348.2



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

