

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110420\
 Data File : VX019247.D
 Acq On : 03 Nov 2020 20:47
 Operator : JC/MD
 Sample : L4600-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CRT-19

Quant Time: Nov 04 02:53:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

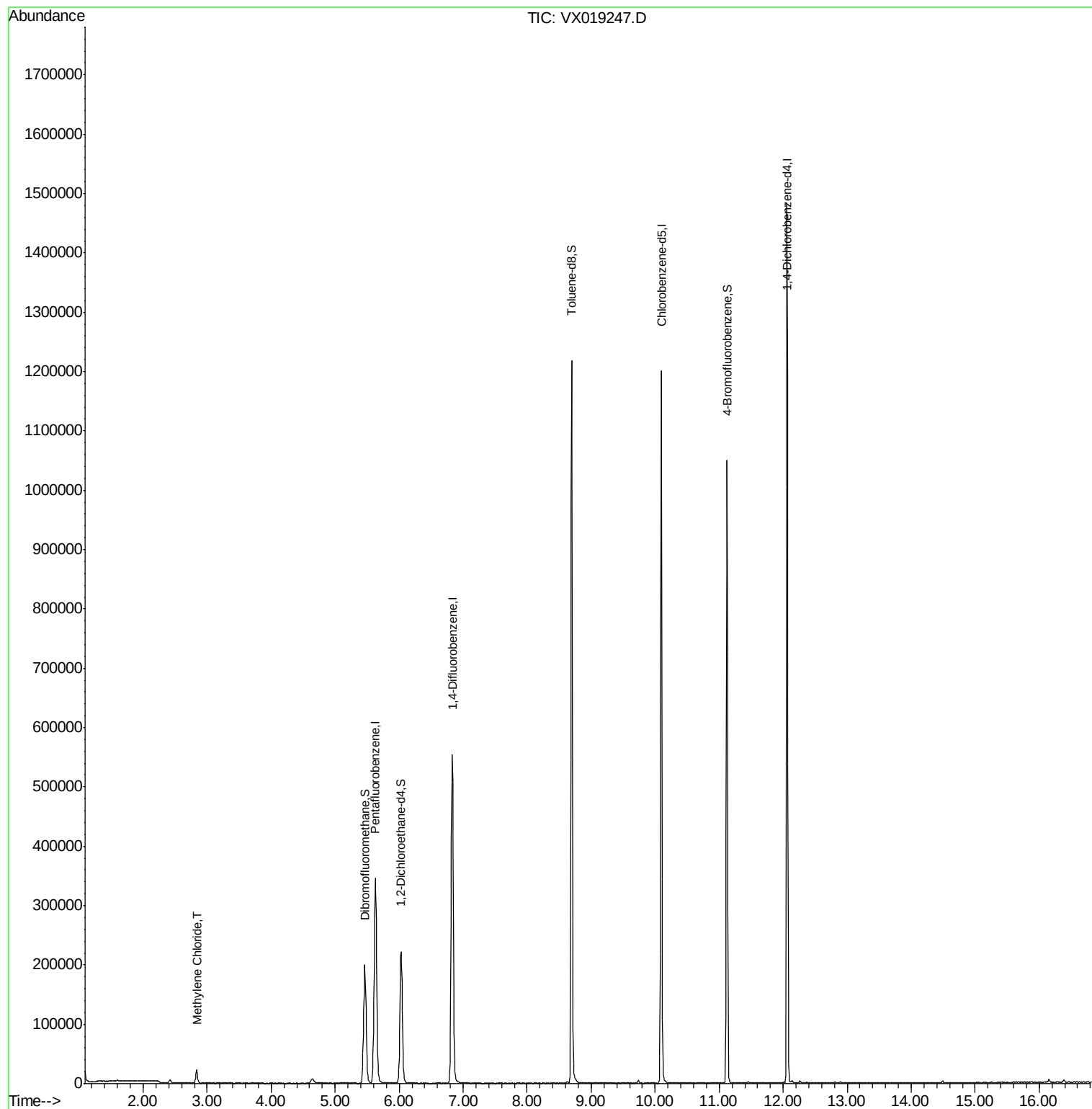
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	322604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	563171	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	553787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	287234	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	215789	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
35) Dibromofluoromethane	5.46	113	171185	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
50) Toluene-d8	8.70	98	715751	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
62) 4-Bromofluorobenzene	11.12	95	278079	55.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.12%	
Target Compounds						
20) Methylene Chloride	2.84	84	10661	2.959	ug/l #	94

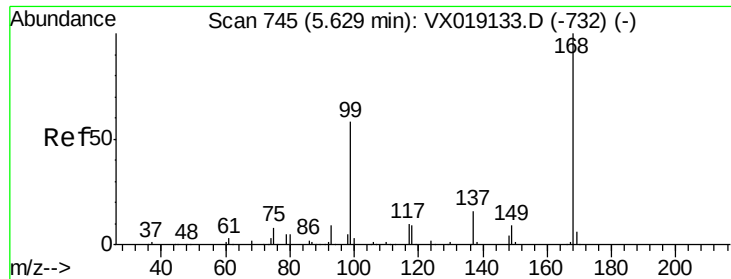
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX019247.D

Acq: 03 Nov 2020 20:47

Instrument :

MSVOA_X

ClientSampled :

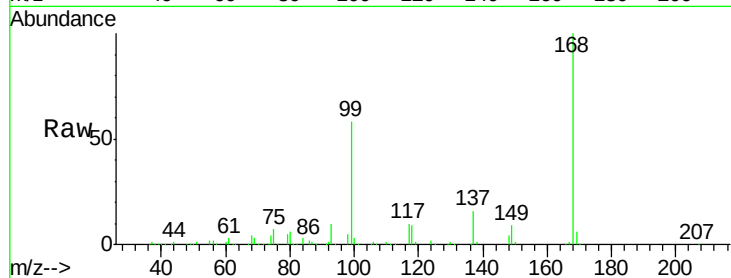
CRT-19

Tot Ion:168 Resp: 322604

Ion Ratio Lower Upper

168 100

99 58.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

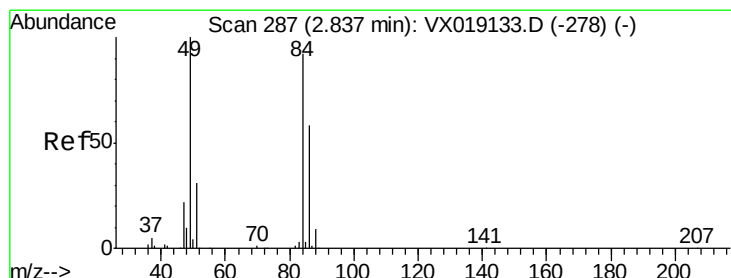
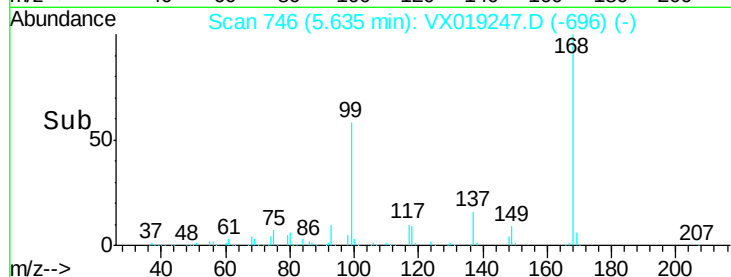
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 2.959 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX019247.D

Acq: 03 Nov 2020 20:47

Tgt Ion: 84 Resp: 10661

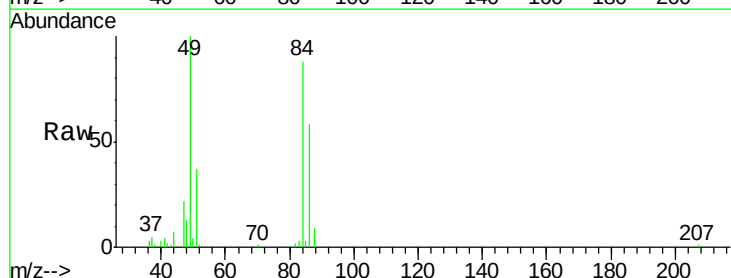
Ion Ratio Lower Upper

84 100

49 114.0 86.8 130.2

51 42.6 27.3 40.9#

86 66.3 50.6 76.0



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

10000

8000

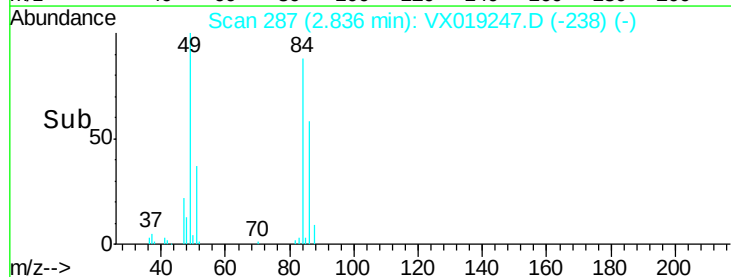
6000

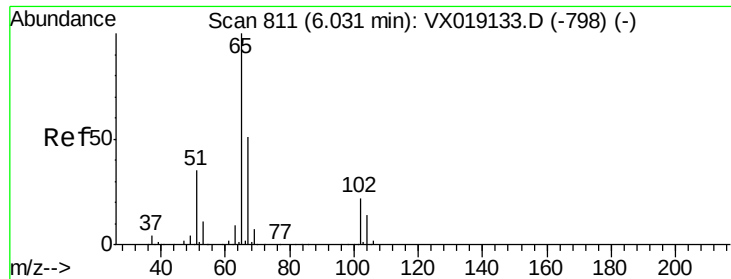
4000

2000

0

Time-->

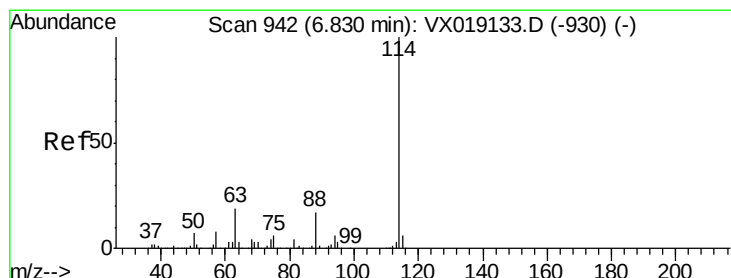
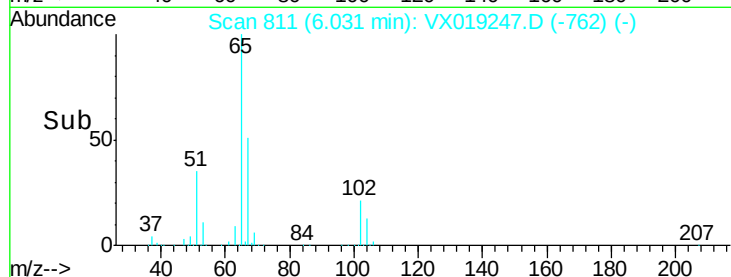
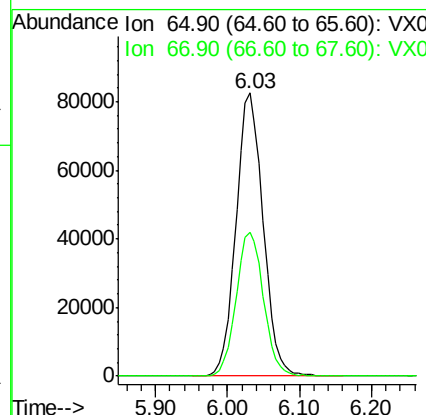
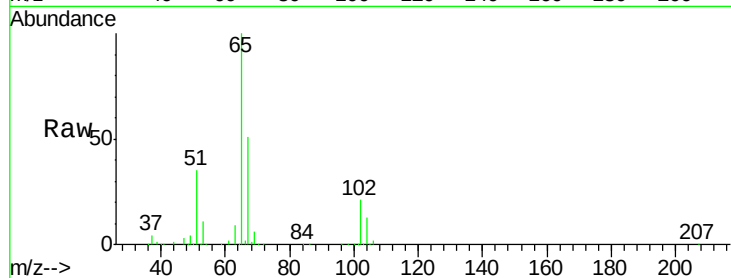




#33
 1,2-Dichloroethane-d4
 Concen: 51.868 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019247.D
 Acq: 03 Nov 2020 20:47

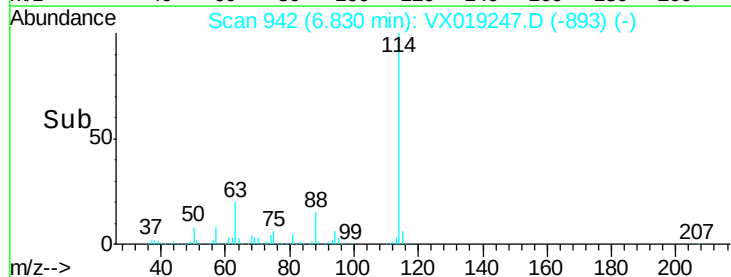
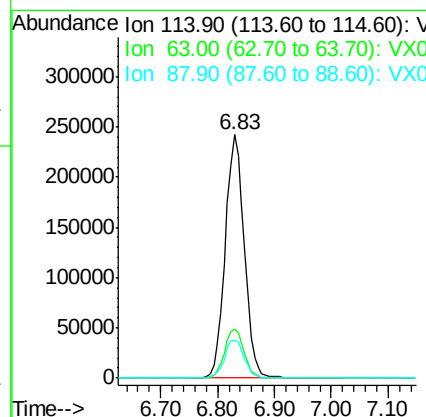
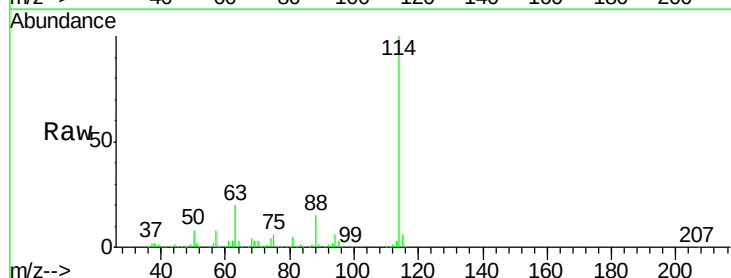
Instrument :
 MSVOA_X
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 CRT-19

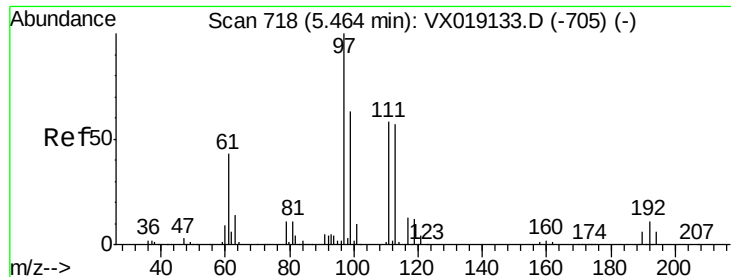
Tot Ion: 65 Resp: 215789
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019247.D
 Acq: 03 Nov 2020 20:47

Tgt Ion: 114 Resp: 563171
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.8
 88 15.5 0.0 34.2

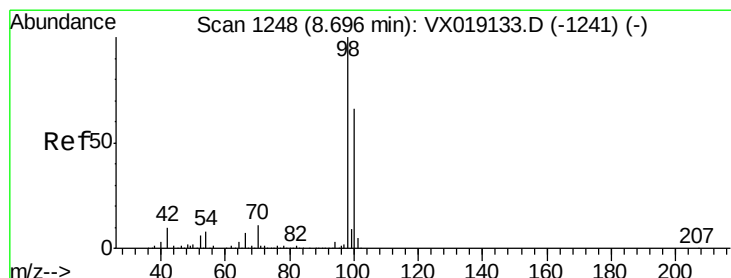
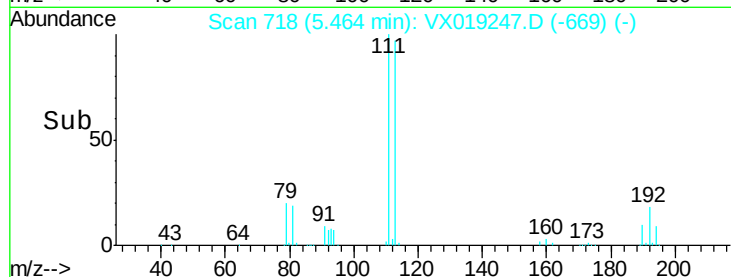
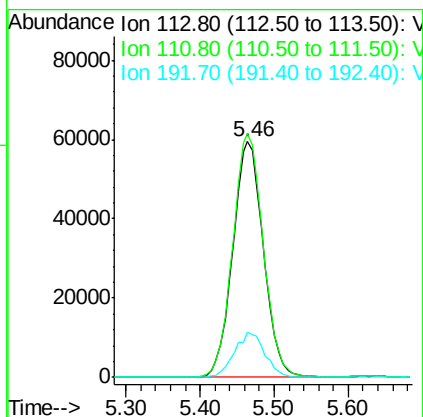
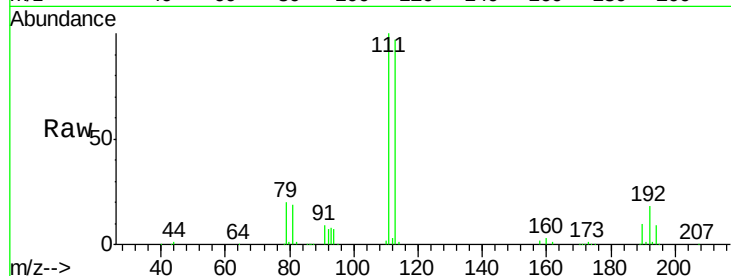




#35
 Dibromofluoromethane
 Concen: 48.392 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019247.D
 Acq: 03 Nov 2020 20:47

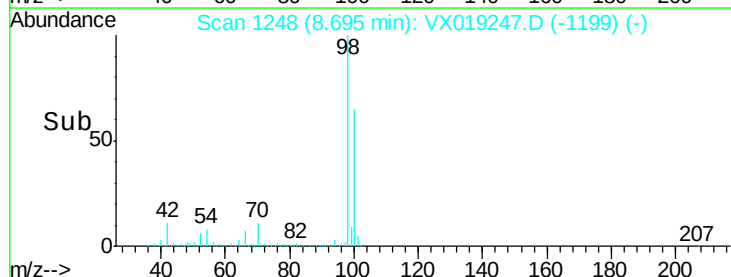
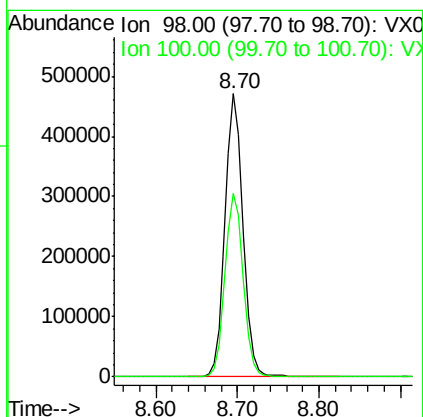
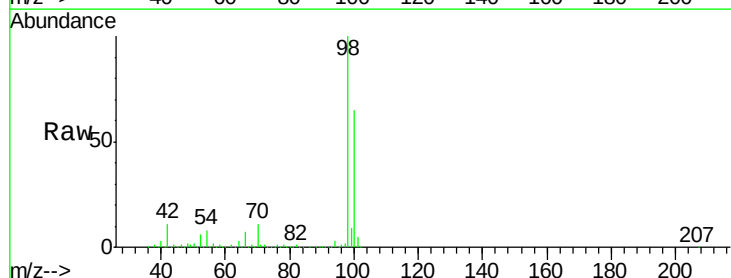
Instrument :
 MSVOA_X
 ClientSampleId :
 CRT-19

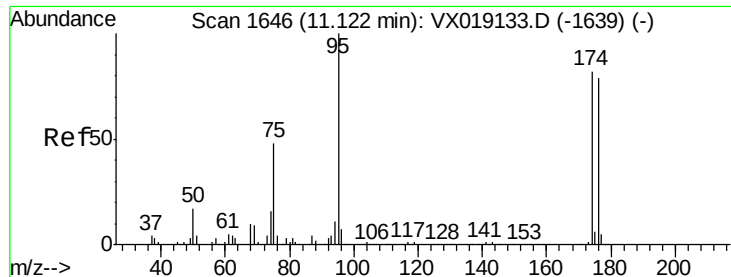
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.3	123.5
192	19.1	16.2	24.2



#50
 Toluene-d8
 Concen: 53.674 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019247.D
 Acq: 03 Nov 2020 20:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.6





#62

4-Bromofluorobenzene

Concen: 55.064 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019247.D

Acq: 03 Nov 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

CRT-19

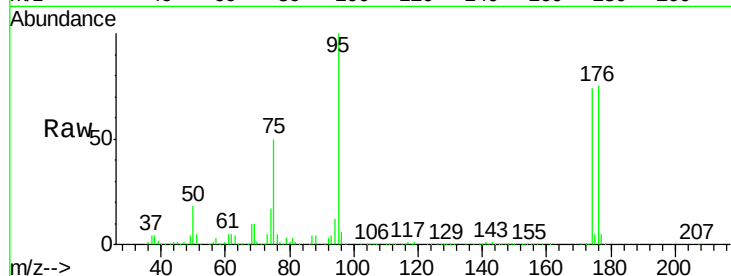
Tot Ion: 95 Resp: 278079

Ion Ratio Lower Upper

95 100

174 76.4 0.0 156.0

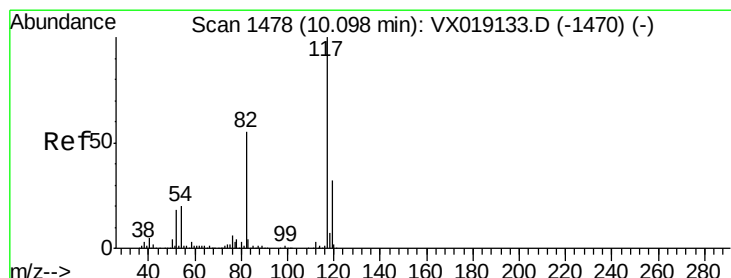
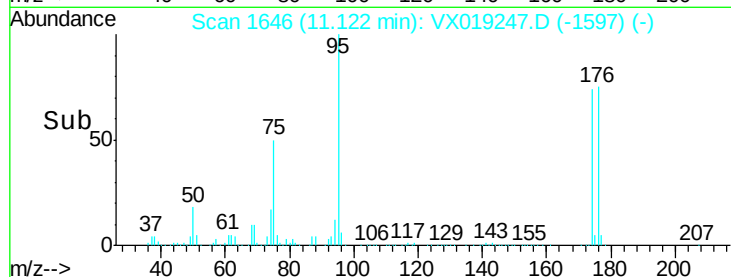
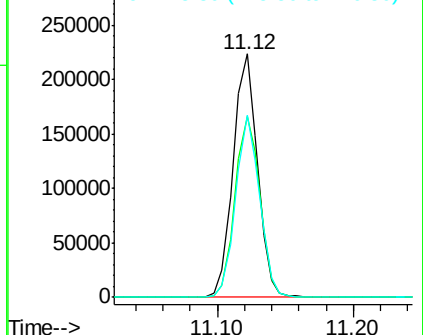
176 73.4 0.0 149.8



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. -0.00 min

Lab File: VX019247.D

Acq: 03 Nov 2020 20:47

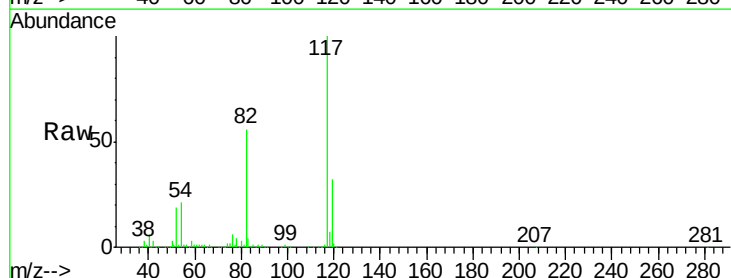
Tgt Ion: 117 Resp: 553787

Ion Ratio Lower Upper

117 100

82 55.5 43.6 65.4

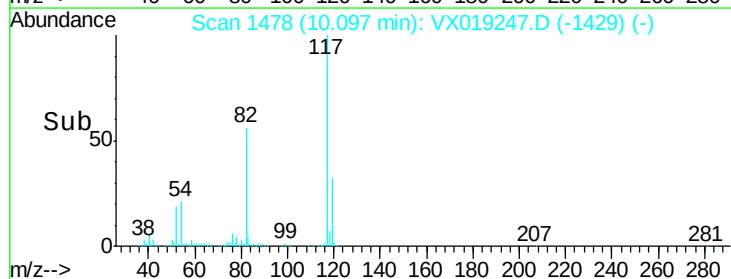
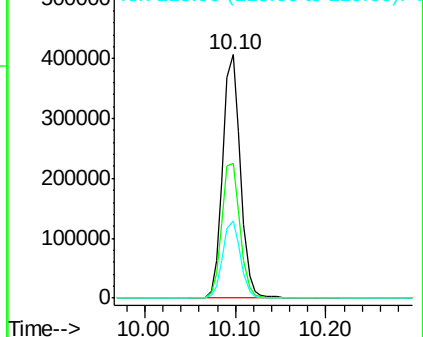
119 31.6 25.5 38.3

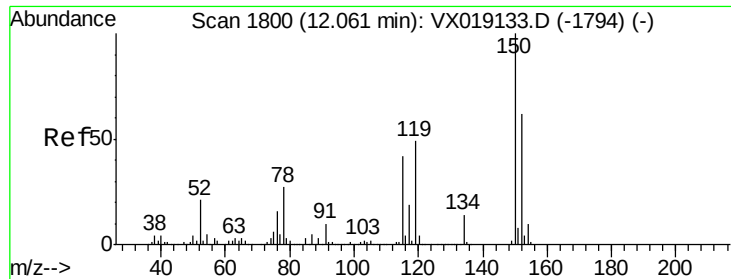


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX019247.D

Acq: 03 Nov 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

CRT-19

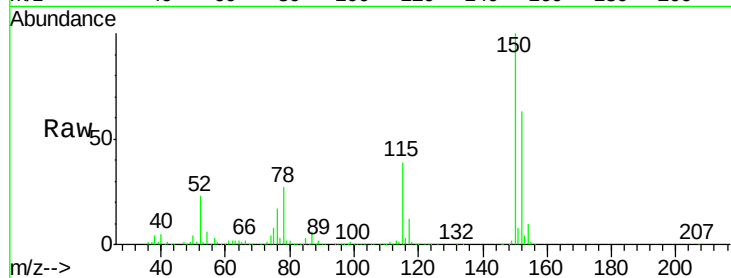
Tot Ion:152 Resp: 287234

Ion Ratio Lower Upper

152 100

115 61.3 41.9 125.7

150 160.5 0.0 347.8



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

