

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019774.D
 Acq On : 09 Dec 2020 13:28
 Operator : JC/MD
 Sample : L4965-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CRT002-1-3

Quant Time: Dec 10 05:57:16 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	5.62	168	328763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	542644	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	496663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225423	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	202804	46.94	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.88%		
35) Dibromofluoromethane	5.46	113	164863	47.01	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.02%		
50) Toluene-d8	8.70	98	651149	48.63	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.26%		
62) 4-Bromofluorobenzene	11.12	95	235498	46.21	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.42%		

Target Compounds

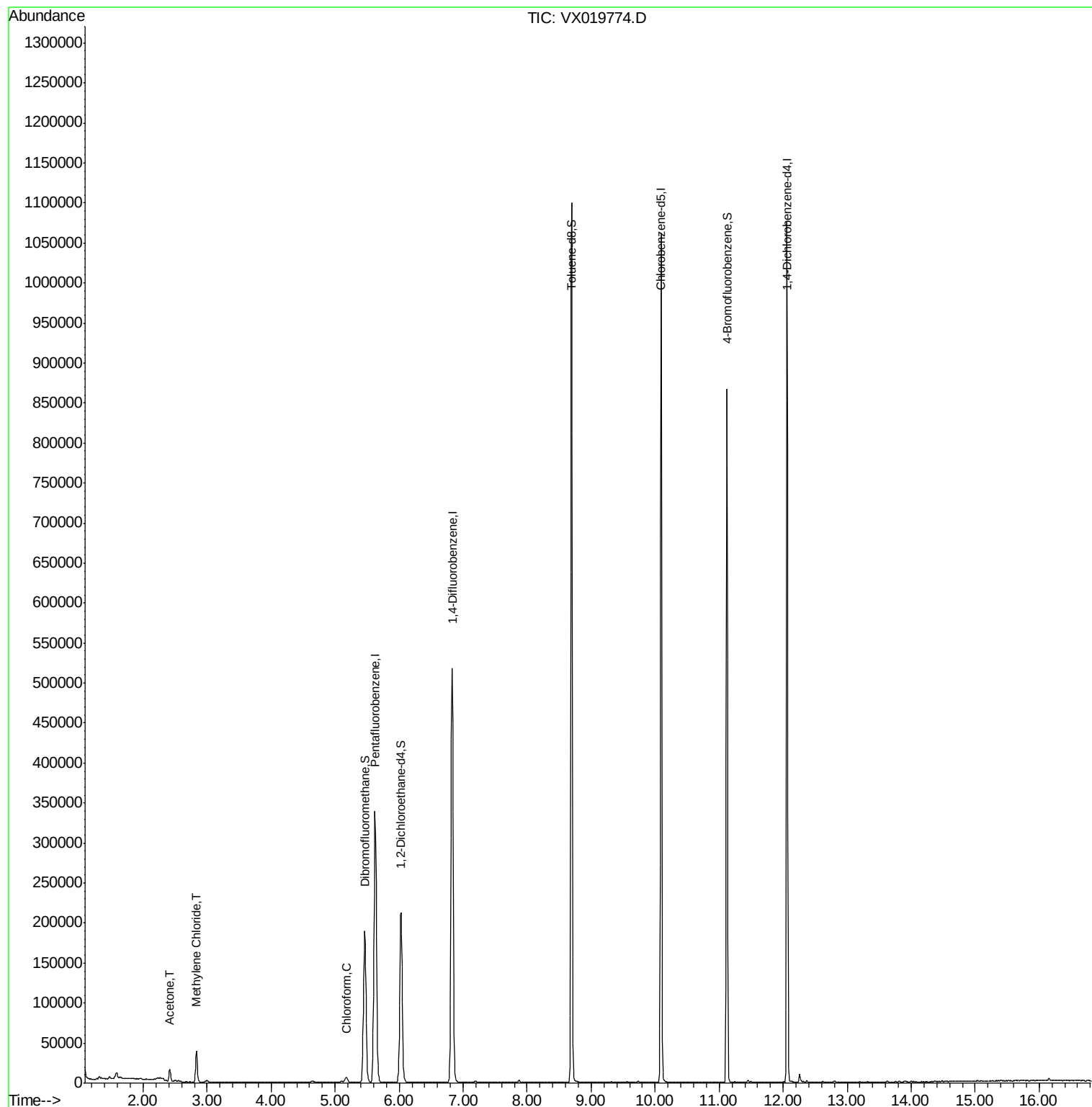
					Qvalue
16) Acetone	2.42	43	15271	9.403 ug/l	98
20) Methylene Chloride	2.84	84	19385	3.917 ug/l	97
30) Chloroform	5.18	83	7633	1.197 ug/l	99

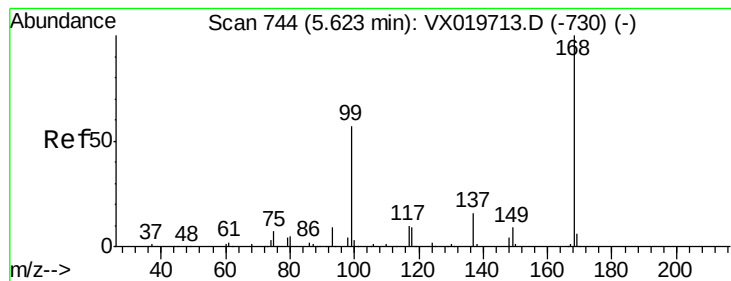
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

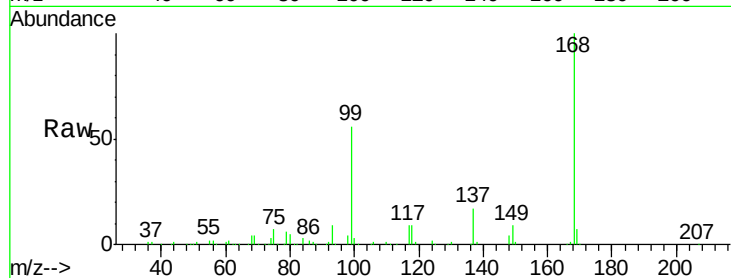
CRT002-1-3

Tot Ion:168 Resp: 328763

Ion Ratio Lower Upper

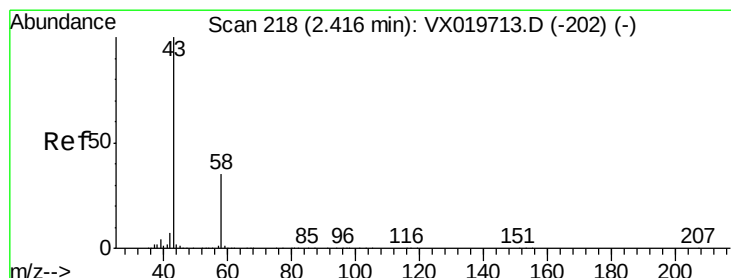
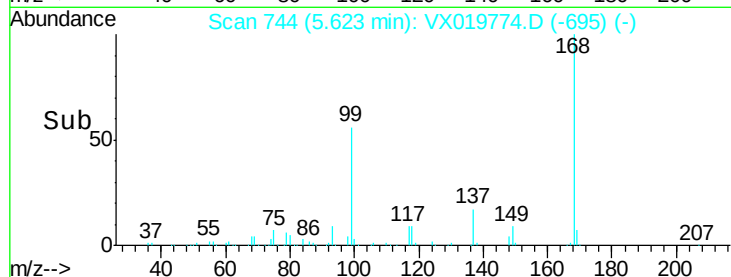
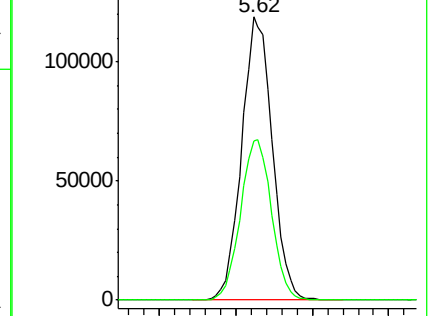
168 100

99 56.2 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: 9.403 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019774.D

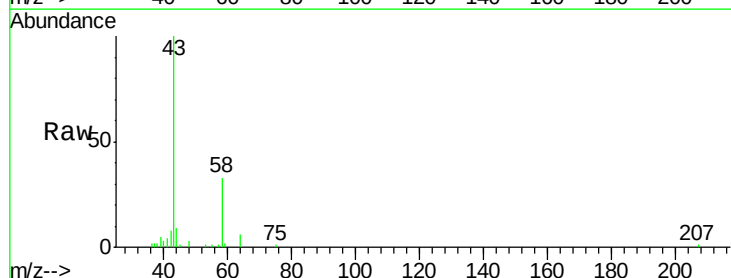
Acq: 09 Dec 2020 13:28

Tgt Ion: 43 Resp: 15271

Ion Ratio Lower Upper

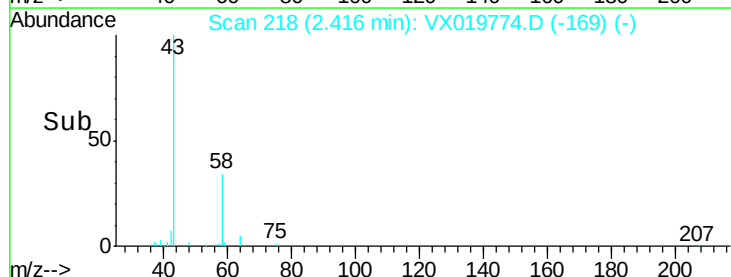
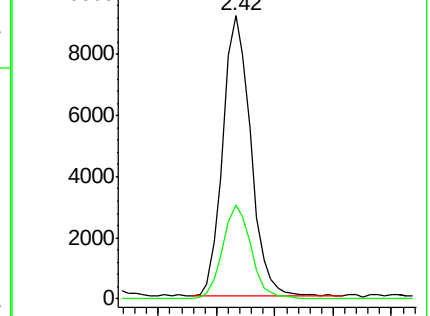
43 100

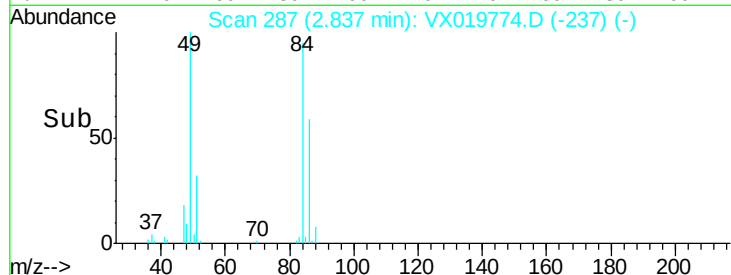
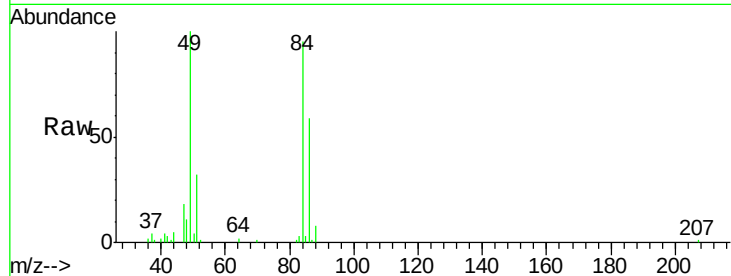
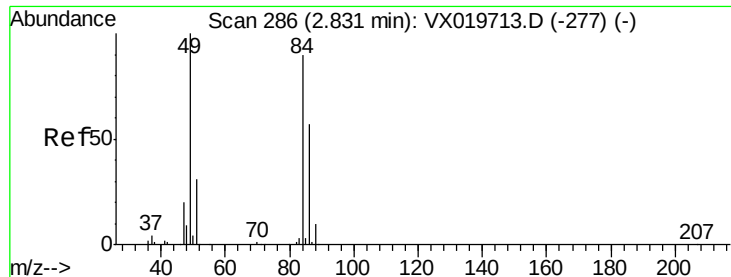
58 33.5 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

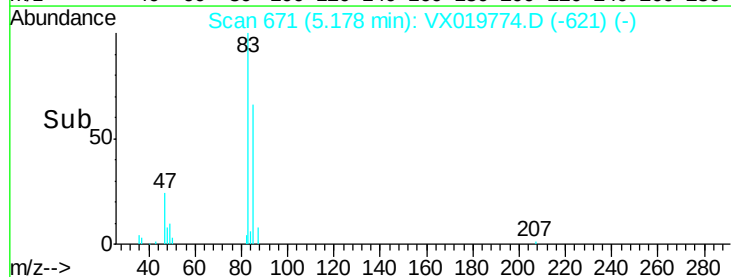
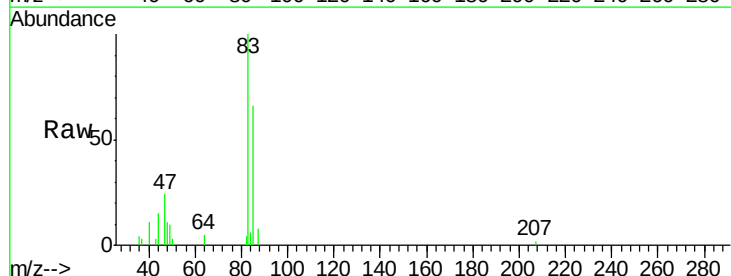
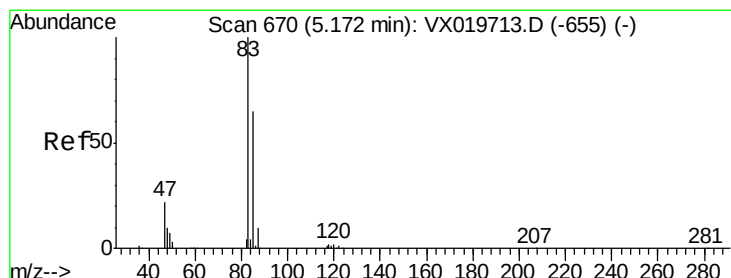
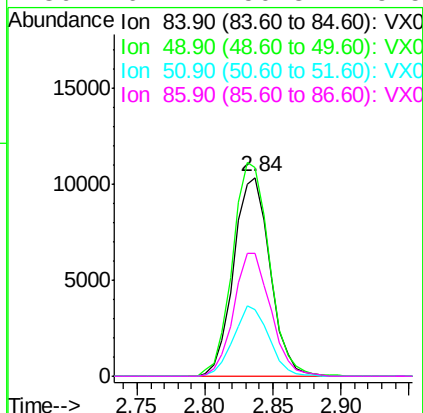




#20
Methylene Chloride
Concen: 3.917 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX019774.D
Acq: 09 Dec 2020 13:28

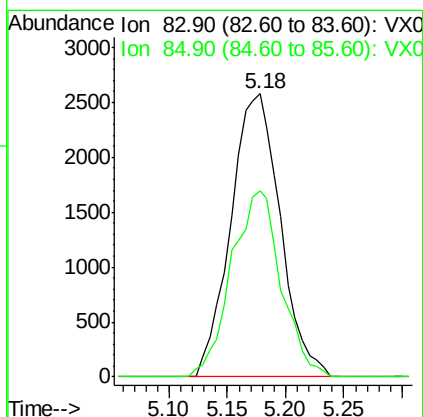
Instrument :
MSVOA_X
ClientSampleId :
CRT002-1-3

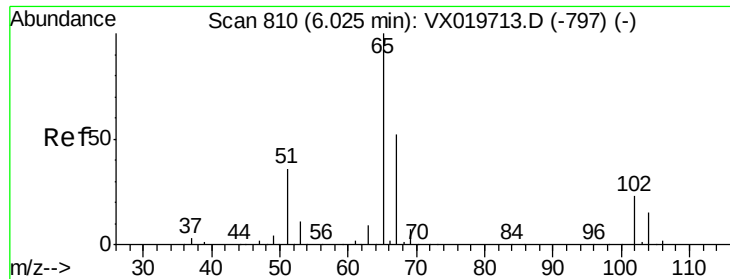
Tot Ion:	84	Resp:	19385
Ion	Ratio	Lower	Upper
84	100		
49	105.1	88.6	132.8
51	33.6	27.0	40.6
86	61.7	50.3	75.5



#30
Chloroform
Concen: 1.197 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX019774.D
Acq: 09 Dec 2020 13:28

Tgt Ion:	83	Resp:	7633
Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.0	78.0

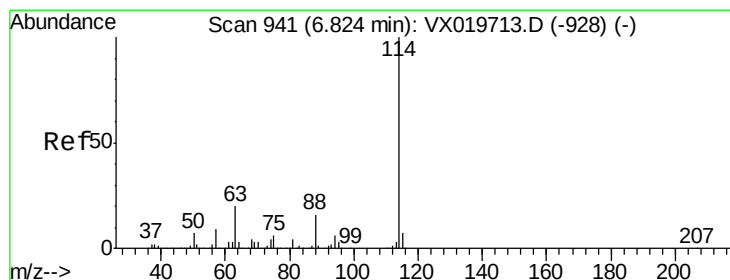
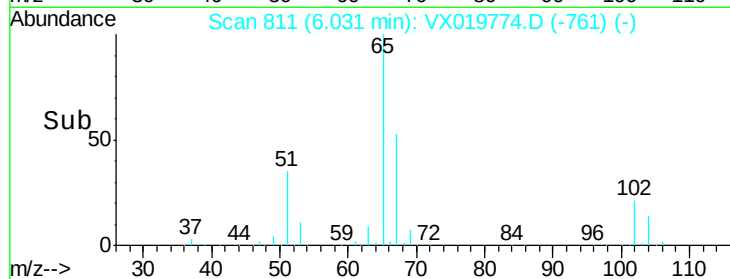
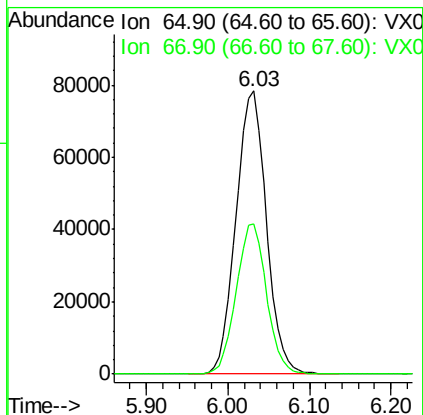
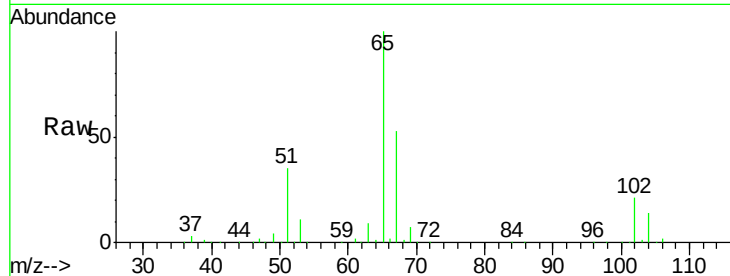




#33
 1,2-Dichloroethane-d4
 Concen: 46.935 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX019774.D
 Acq: 09 Dec 2020 13:28

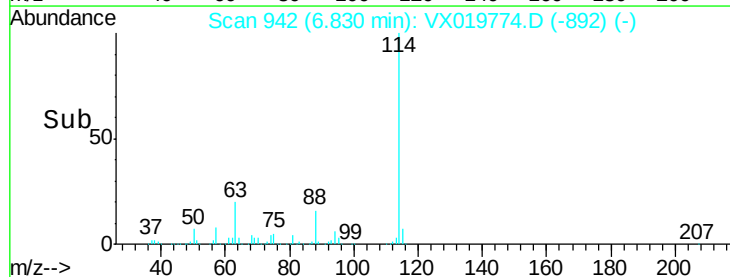
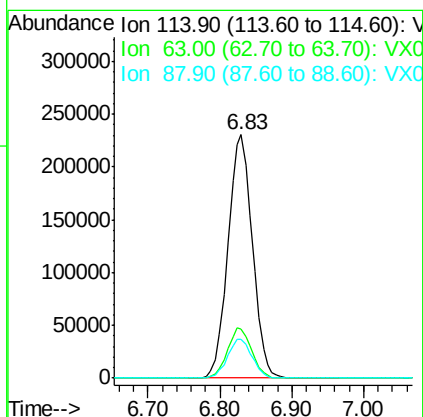
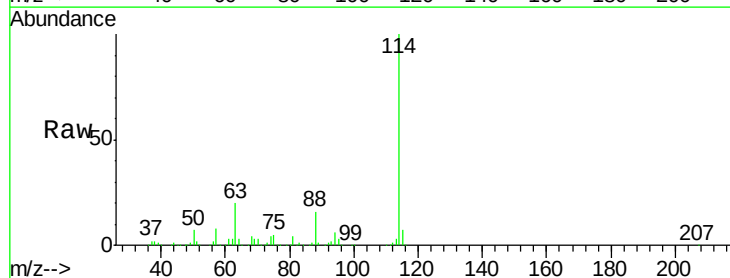
Instrument :
 MSVOA_X
 ClientSampleId :
 CRT002-1-3

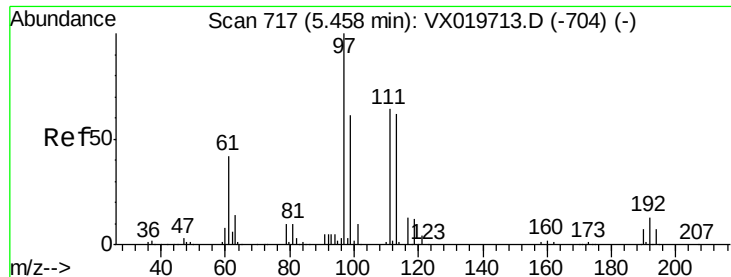
Tot Ion: 65 Resp: 202804
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019774.D
 Acq: 09 Dec 2020 13:28

Tgt Ion: 114 Resp: 542644
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 16.0 0.0 32.8

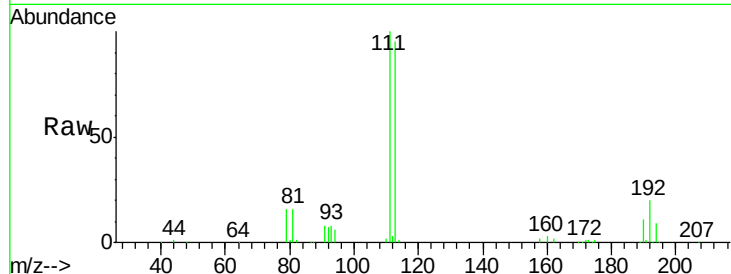




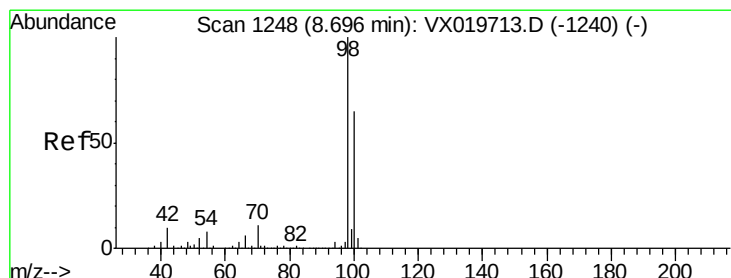
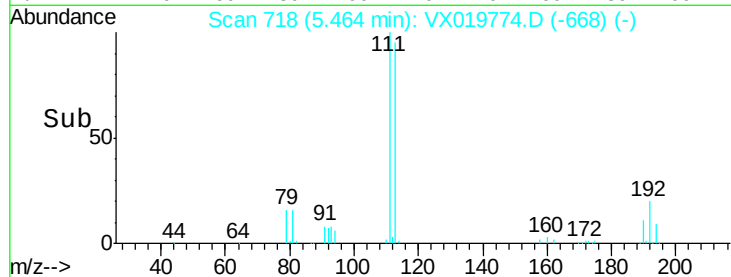
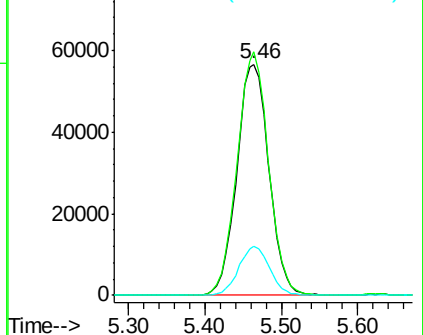
#35
 Dibromofluoromethane
 Concen: 47.009 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019774.D
 Acq: 09 Dec 2020 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 CRT002-1-3

Tot Ion:113 Resp: 164863
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.9 122.9
 192 20.6 16.7 25.1

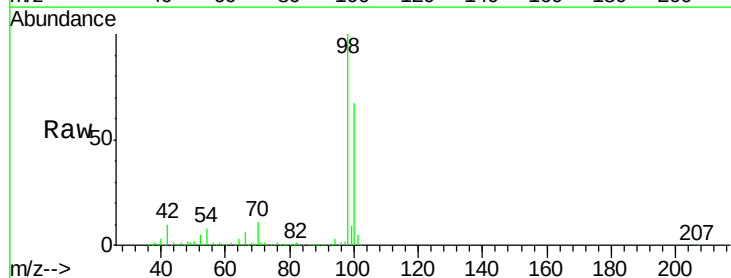


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

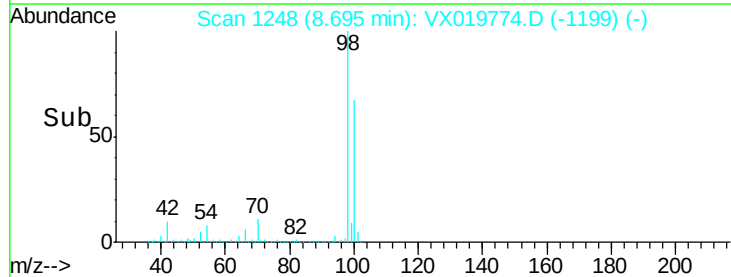
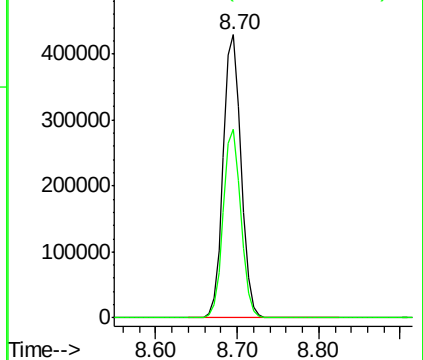


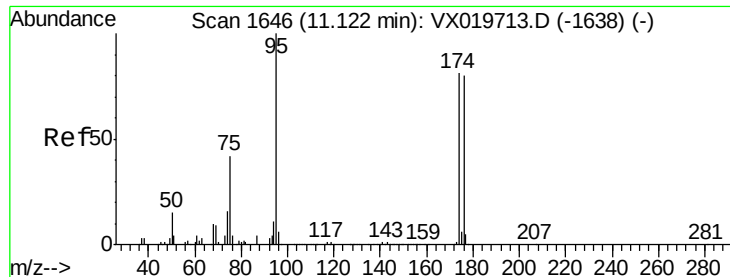
#50
 Toluene-d8
 Concen: 48.633 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019774.D
 Acq: 09 Dec 2020 13:28

Tgt Ion: 98 Resp: 651149
 Ion Ratio Lower Upper
 98 100
 100 65.8 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: 46.212 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019774.D

Acq: 09 Dec 2020 13:28

Instrument :

MSVOA_X

ClientSampleId :

CRT002-1-3

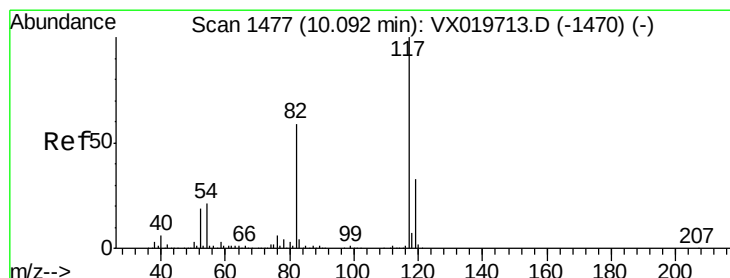
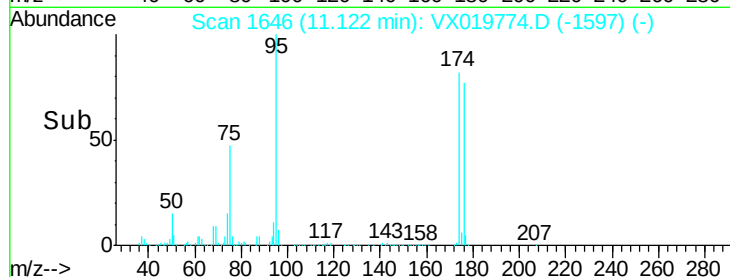
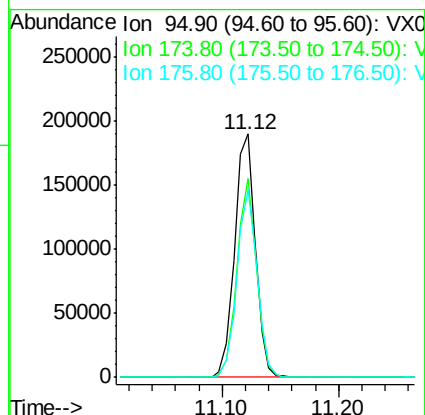
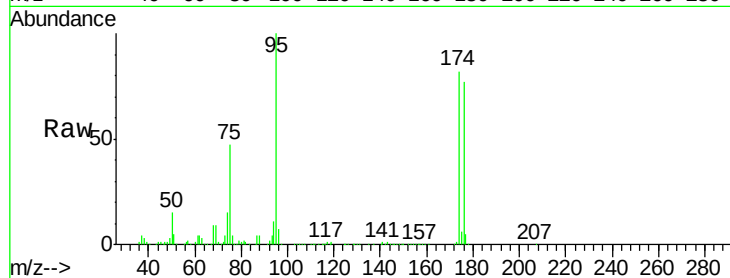
Tot Ion: 95 Resp: 235498

Ion Ratio Lower Upper

95 100

174 77.5 0.0 154.6

176 75.2 0.0 155.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX019774.D

Acq: 09 Dec 2020 13:28

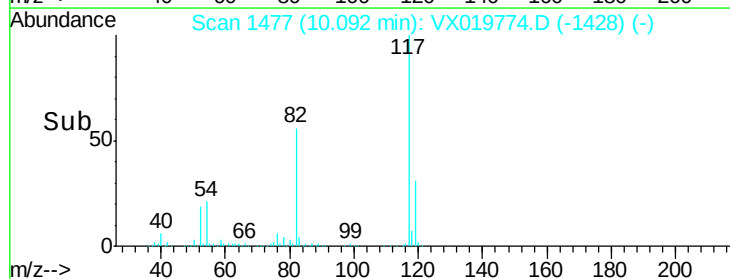
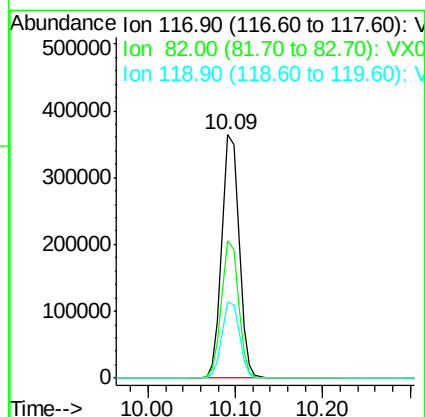
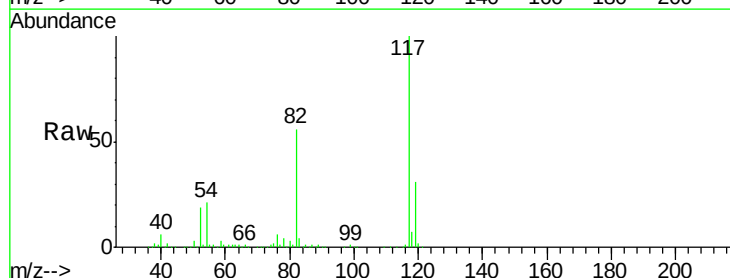
Tgt Ion: 117 Resp: 496663

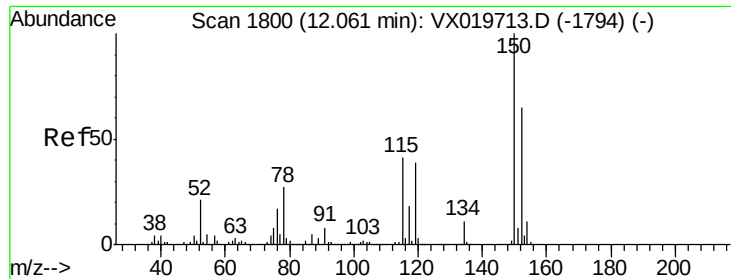
Ion Ratio Lower Upper

117 100

82 56.4 47.4 71.2

119 31.1 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019774.D

Acq: 09 Dec 2020 13:28

Instrument :

MSVOA_X

ClientSampleId :

CRT002-1-3

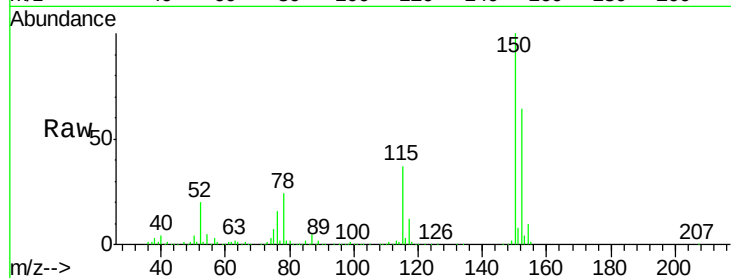
Tot Ion:152 Resp: 225423

Ion Ratio Lower Upper

152 100

115 58.2 41.1 123.3

150 159.1 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

