

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019773.D
 Acq On : 09 Dec 2020 13:04
 Operator : JC/MD
 Sample : L4965-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CRT012-1-3

Quant Time: Dec 10 05:56:06 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	347619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	567144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	515778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	231935	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	210078	45.98	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.96%		
35) Dibromofluoromethane	5.46	113	173226	47.26	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.52%		
50) Toluene-d8	8.70	98	684642	48.93	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.86%		
62) 4-Bromofluorobenzene	11.12	95	242722	45.57	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.14%		

Target Compounds

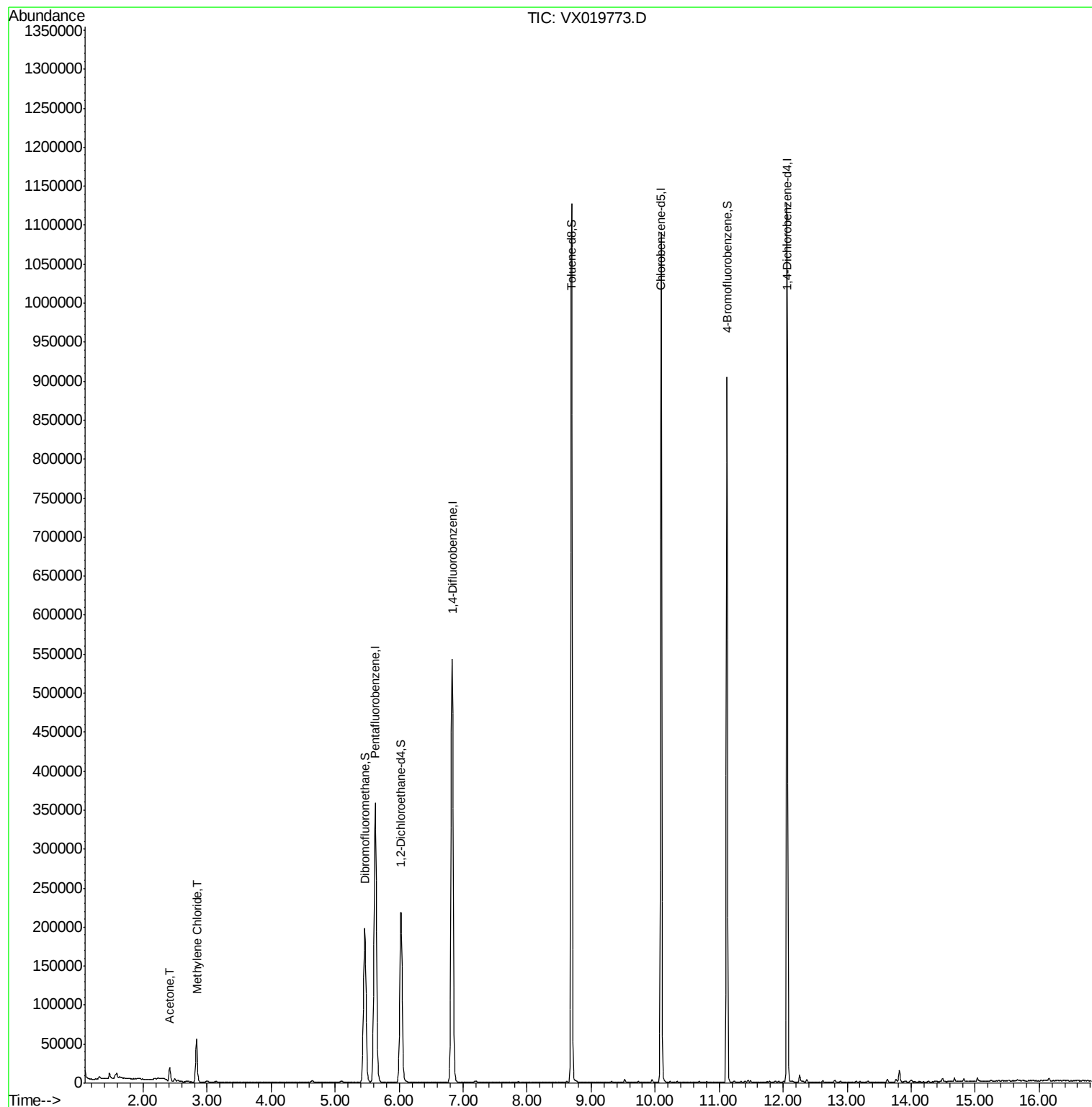
					Qvalue
16) Acetone	2.42	43	17202	10.017 ug/l	99
20) Methylene Chloride	2.83	84	26754	5.560 ug/l	99

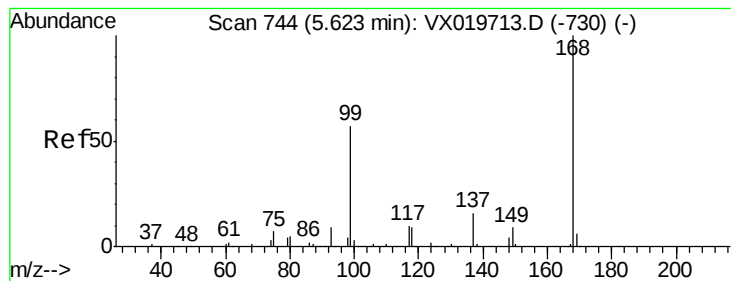
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
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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: VX019773.D

Acq: 09 Dec 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

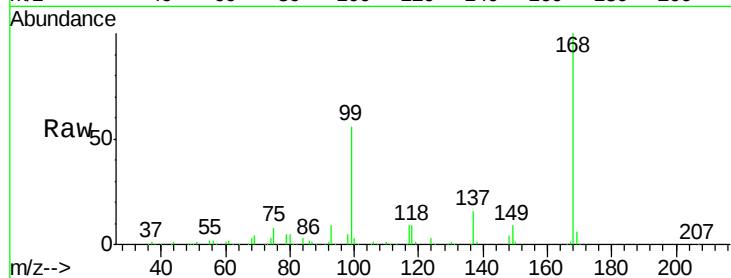
CRT012-1-3

Tot Ion:168 Resp: 347619

Ion Ratio Lower Upper

168 100

99 55.8 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

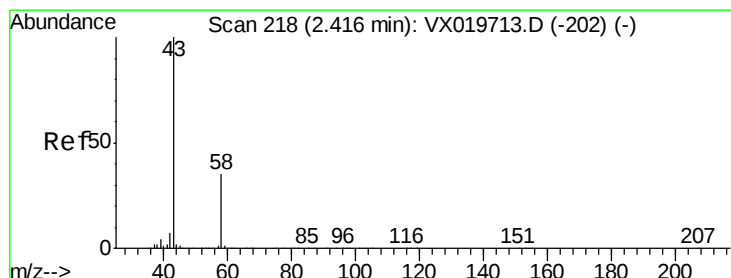
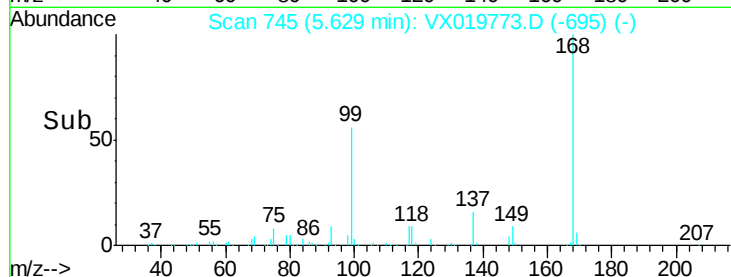
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.017 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019773.D

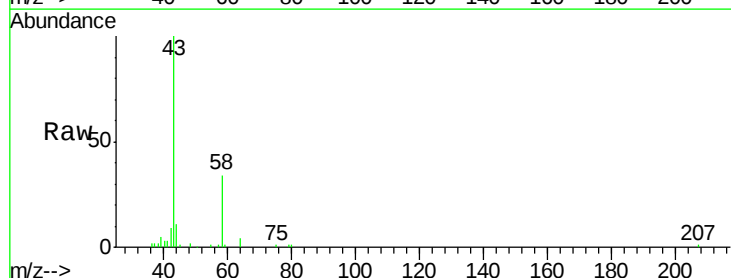
Acq: 09 Dec 2020 13:04

Tgt Ion: 43 Resp: 17202

Ion Ratio Lower Upper

43 100

58 34.5 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

12000

10000

8000

6000

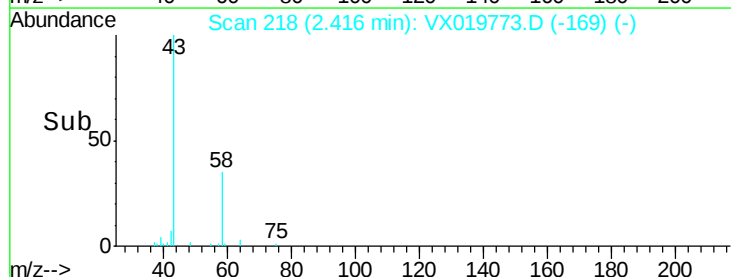
4000

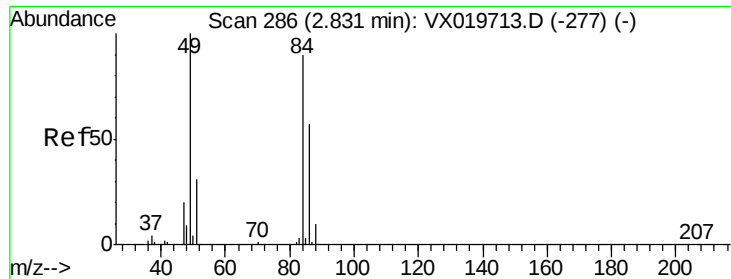
2000

0

Time-->

2.35 2.40 2.45 2.50 2.55

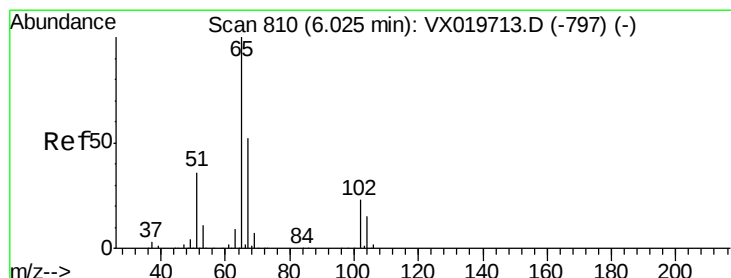
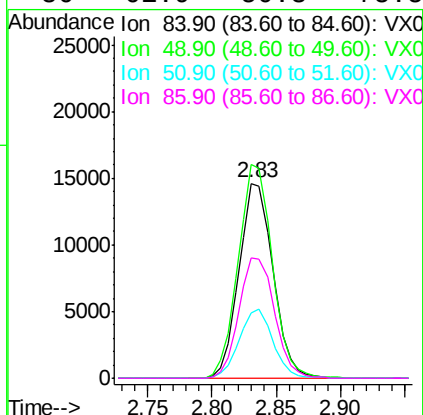
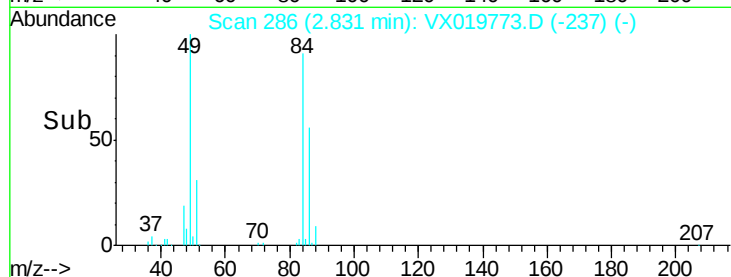
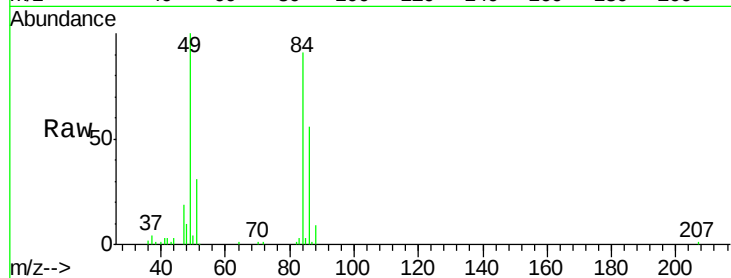




#20
Methvlene Chloride
Concen: 5.560 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019773.D
Acq: 09 Dec 2020 13:04

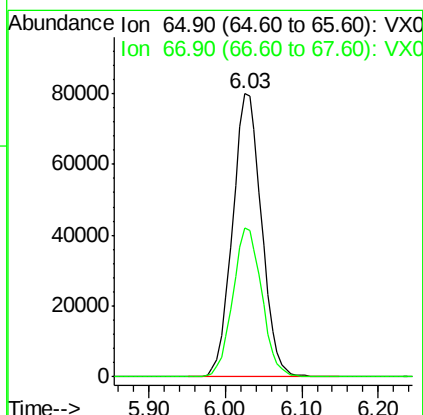
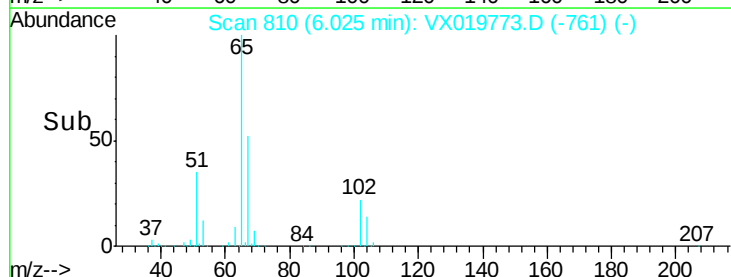
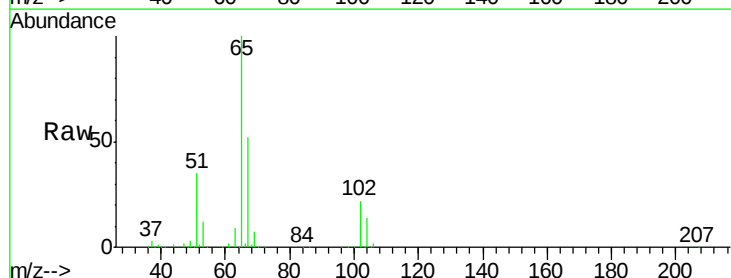
Instrument :
MSVOA_X
ClientSampleId :
CRT012-1-3

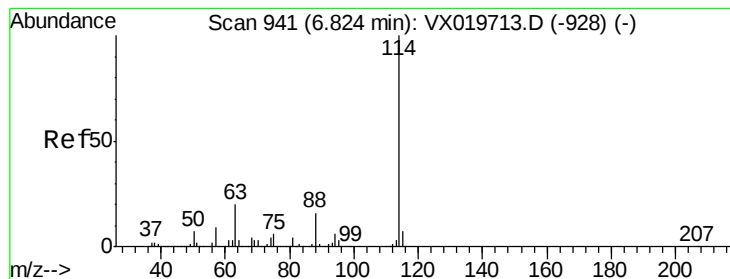
Tot Ion:	84	Resp:	26754
Ion	Ratio	Lower	Upper
84	100		
49	109.6	88.6	132.8
51	33.7	27.0	40.6
86	61.9	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 45.982 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX019773.D
Acq: 09 Dec 2020 13:04

Tgt Ion:	65	Resp:	210078
Ion	Ratio	Lower	Upper
65	100		
67	52.5	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: VX019773.D

Acq: 09 Dec 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

CRT012-1-3

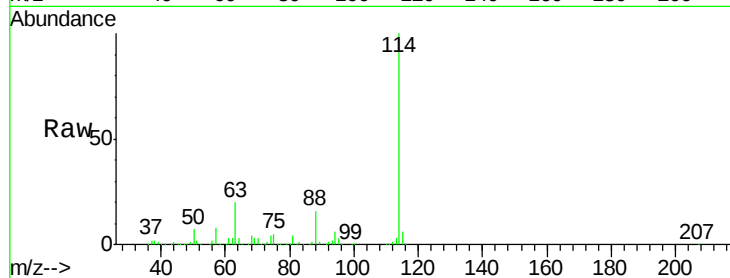
Tot Ion:114 Resp: 567144

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

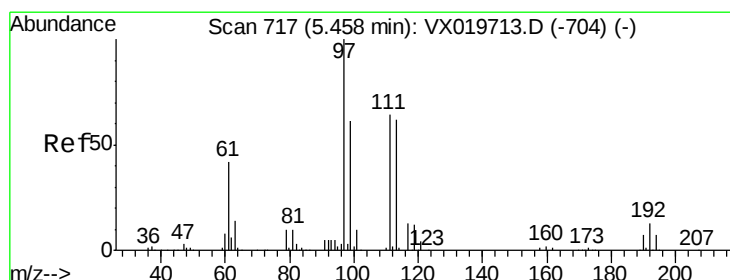
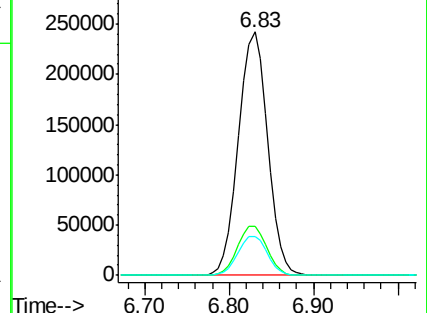
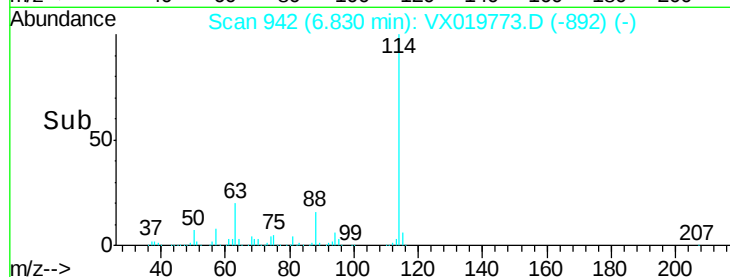
88 15.7 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.260 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019773.D

Acq: 09 Dec 2020 13:04

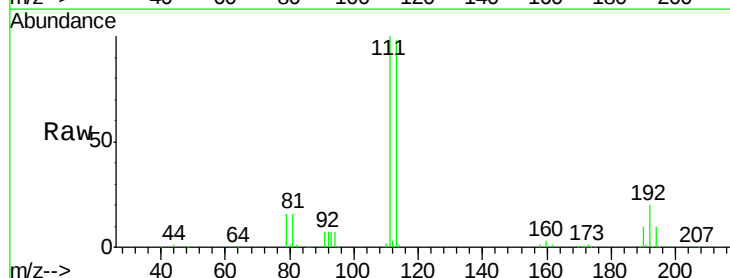
Tgt Ion:113 Resp: 173226

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

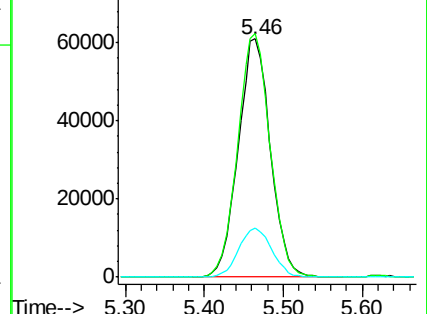
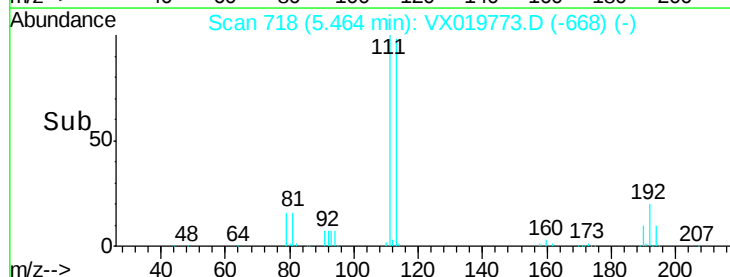
192 21.1 16.7 25.1

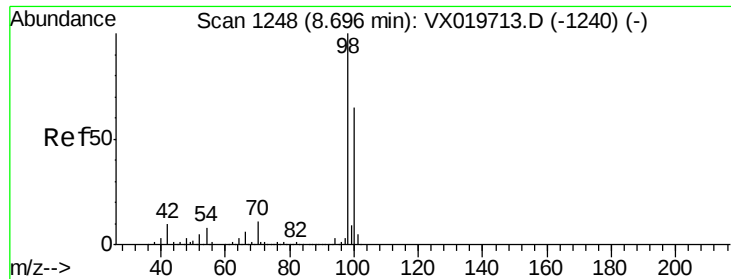


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.926 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019773.D

Acq: 09 Dec 2020 13:04

Instrument :

MSVOA_X

ClientSampleId :

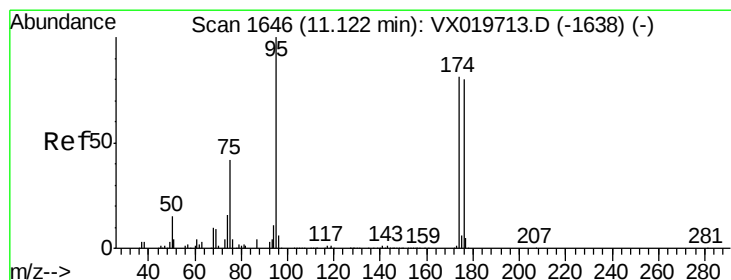
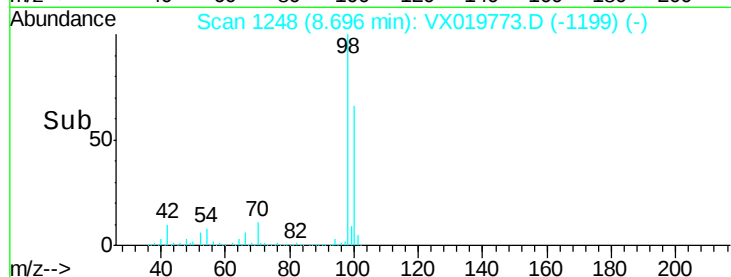
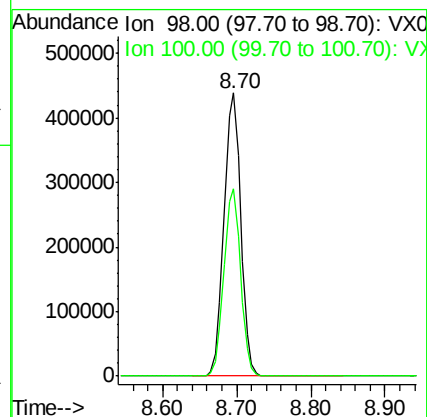
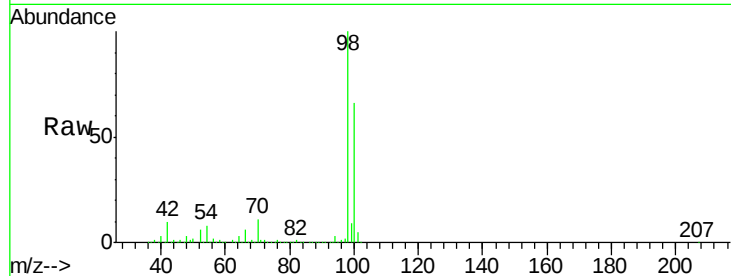
CRT012-1-3

Tot Ion: 98 Resp: 684642

Ion Ratio Lower Upper

98 100

100 65.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.572 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019773.D

Acq: 09 Dec 2020 13:04

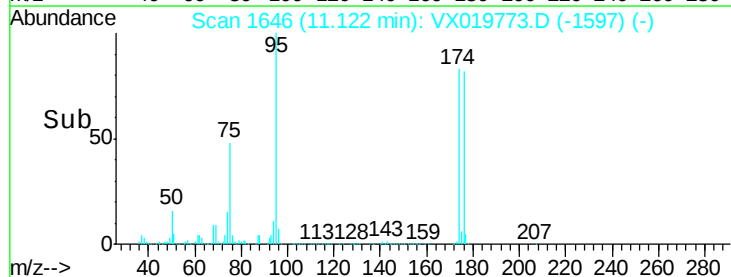
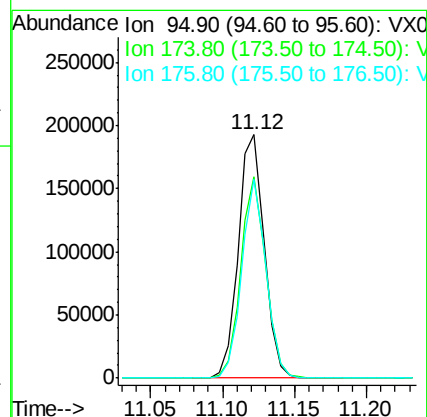
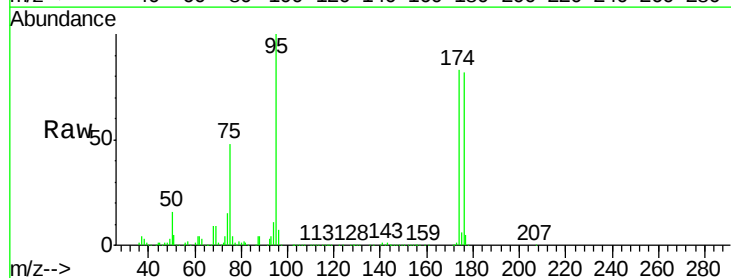
Tgt Ion: 95 Resp: 242722

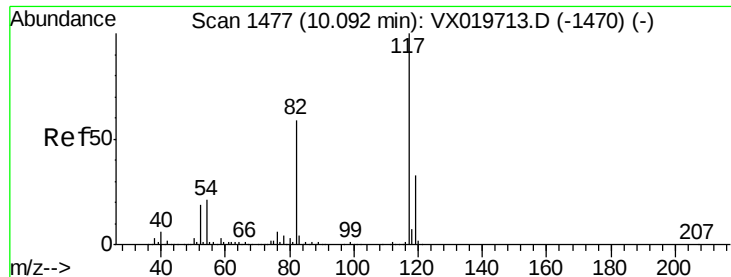
Ion Ratio Lower Upper

95 100

174 79.6 0.0 154.6

176 76.4 0.0 155.8

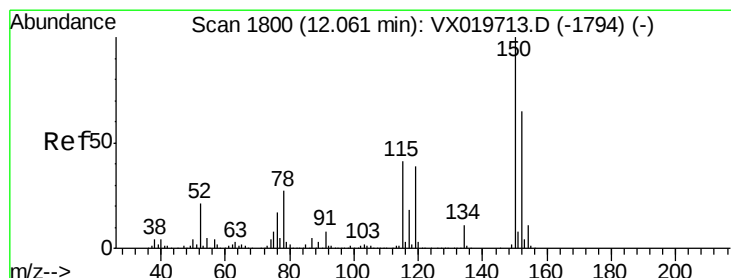
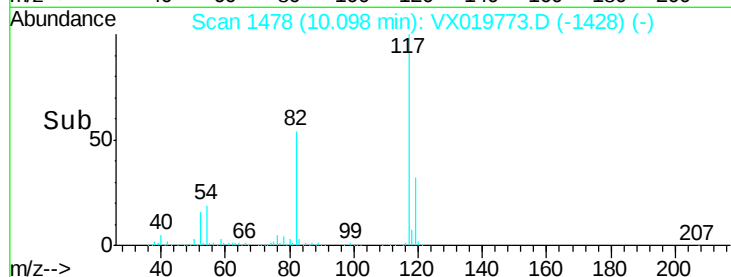
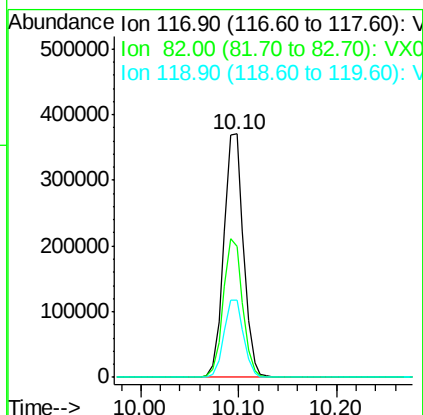
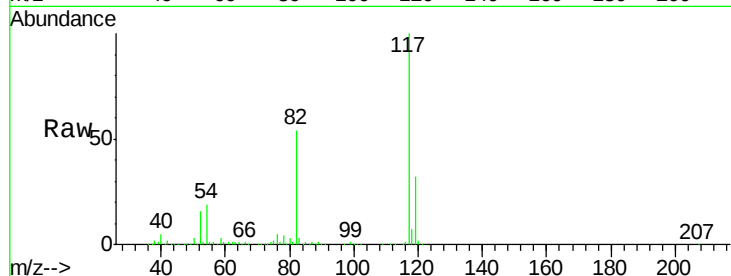




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019773.D
Acq: 09 Dec 2020 13:04

Instrument :
MSVOA_X
ClientSampleId :
CRT012-1-3

Tot Ion:117 Resp: 515778
Ion Ratio Lower Upper
117 100
82 53.7 47.4 71.2
119 31.8 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: VX019773.D
Acq: 09 Dec 2020 13:04

Tgt Ion:152 Resp: 231935
Ion Ratio Lower Upper
152 100
115 59.0 41.1 123.3
150 156.6 0.0 349.0

