

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110420\
 Data File : VX019256.D
 Acq On : 04 Nov 2020 00:08
 Operator : JC/MD
 Sample : L4600-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CRT-17

Quant Time: Nov 04 03:08:44 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

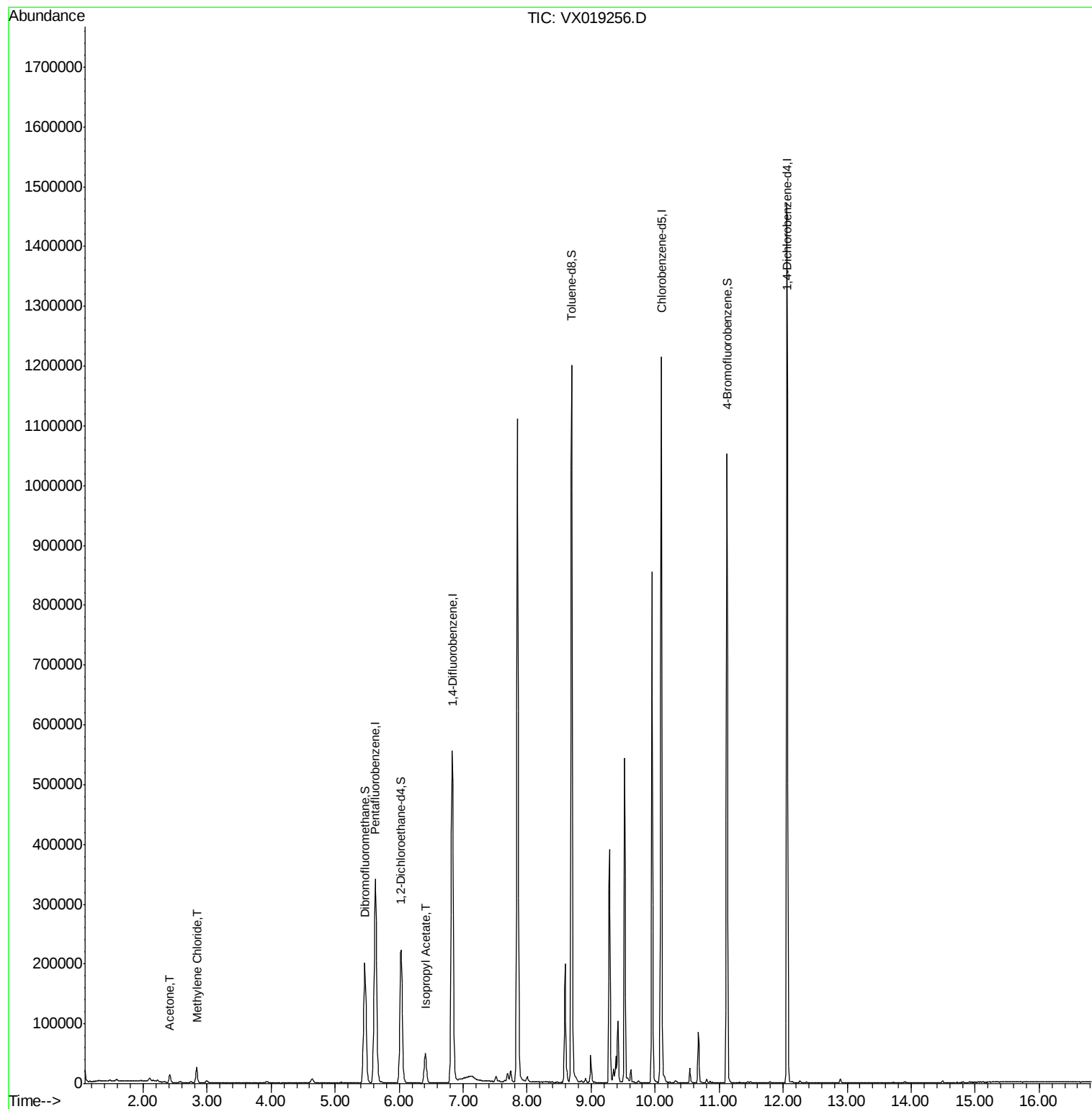
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	316157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	560947	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	554892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	286994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	218393	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	
35) Dibromofluoromethane	5.46	113	176015	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
50) Toluene-d8	8.70	98	714546	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
62) 4-Bromofluorobenzene	11.12	95	282200	56.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.20%	
Target Compounds						
16) Acetone	2.42	43	13882	9.869	ug/l	96
20) Methylene Chloride	2.84	84	11970	3.390	ug/l	89
43) Isopropyl Acetate	6.41	43	68931	8.560	ug/l	97

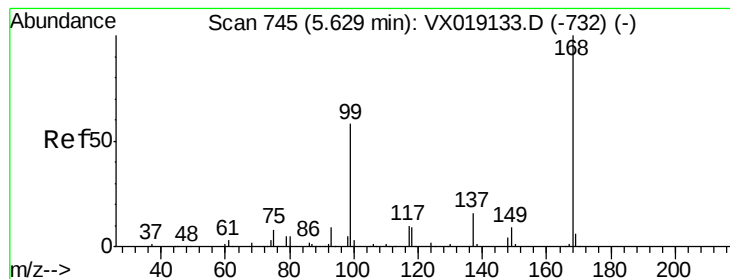
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019256.D

Acq: 04 Nov 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

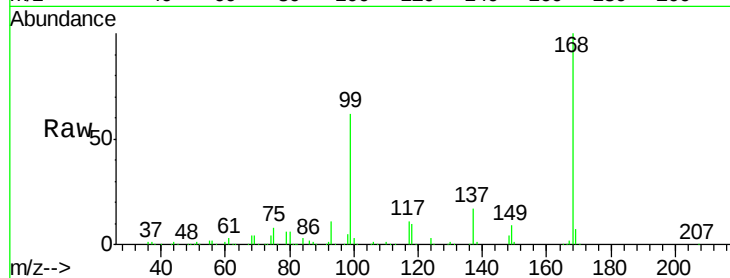
CRT-17

Tot Ion:168 Resp: 316157

Ion Ratio Lower Upper

168 100

99 62.3 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

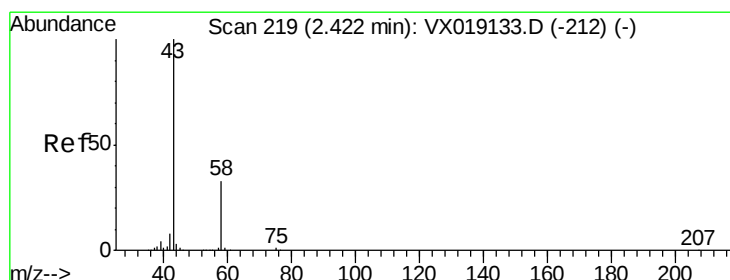
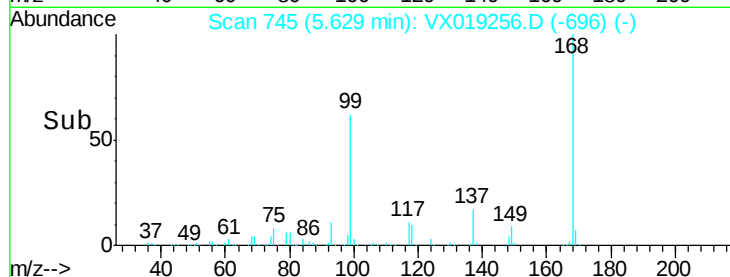
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.869 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019256.D

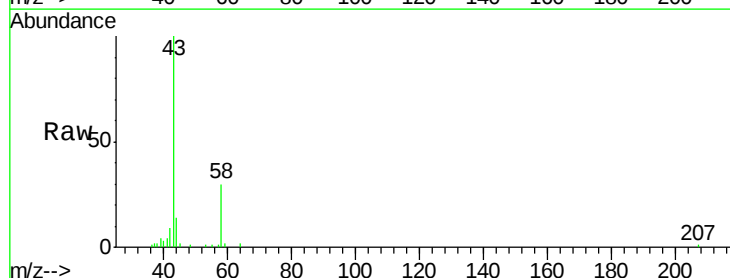
Acq: 04 Nov 2020 00:08

Tgt Ion: 43 Resp: 13882

Ion Ratio Lower Upper

43 100

58 30.5 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

8000

6000

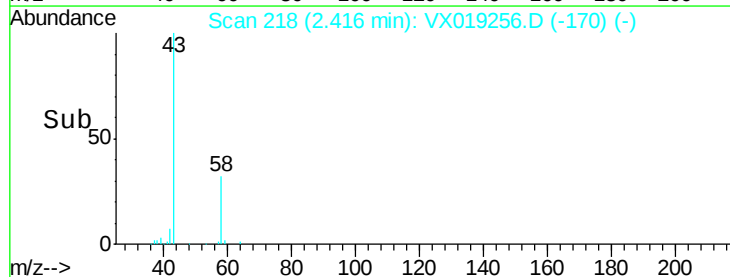
4000

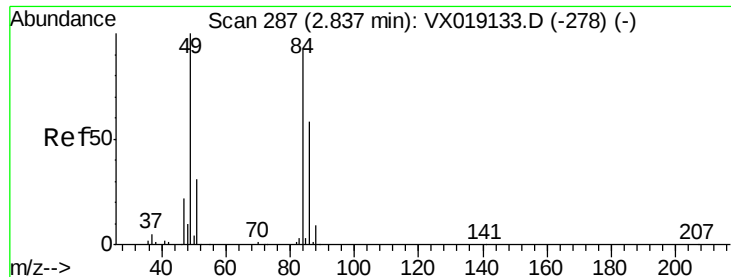
2000

0

Time-->

2.30 2.35 2.40 2.45 2.50

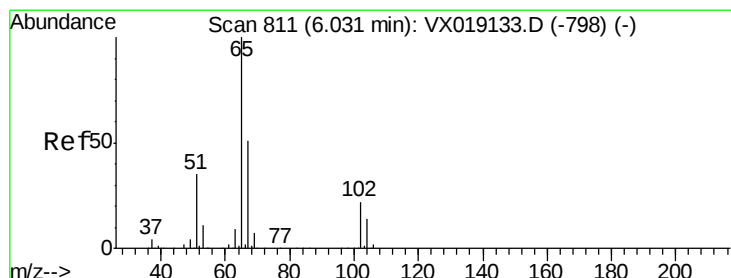
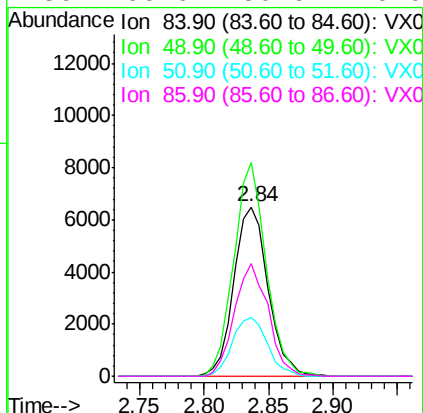
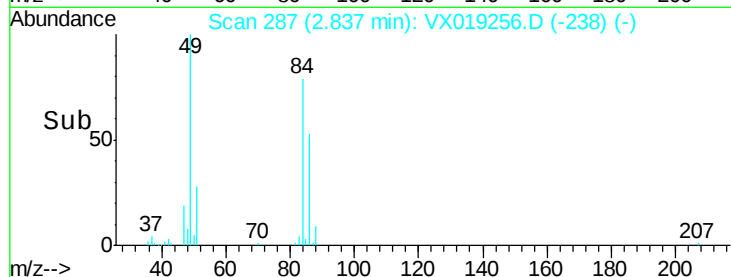
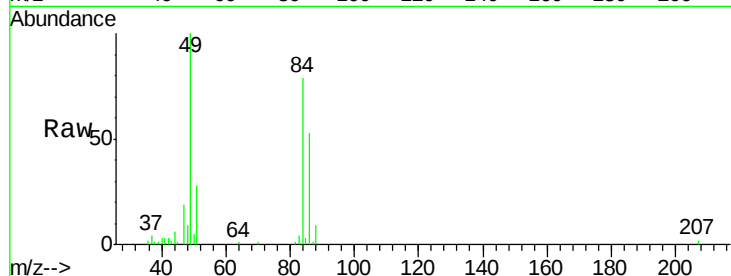




#20
Methvlene Chloride
Concen: 3.390 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019256.D
Acq: 04 Nov 2020 00:08

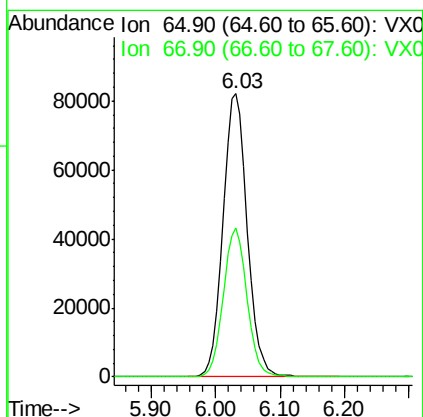
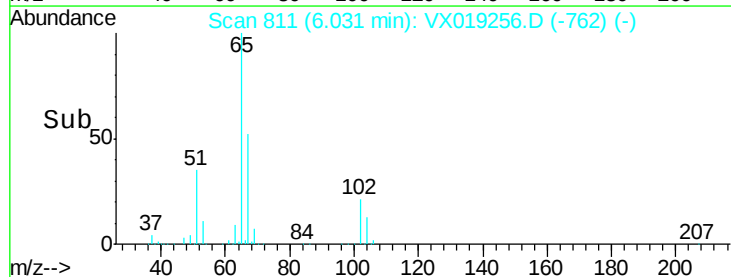
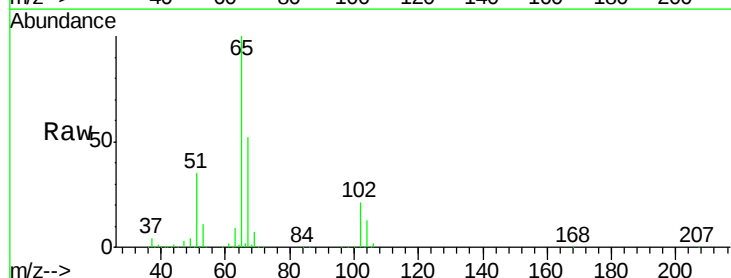
Instrument :
MSVOA_X
ClientSampled :
CRT-17

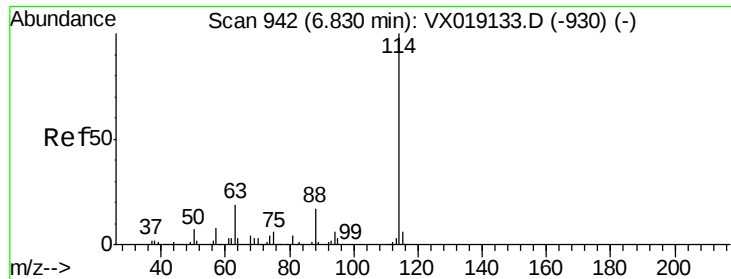
Tot Ion: 84 Resp: 11970
Ion Ratio Lower Upper
84 100
49 126.3 86.8 130.2
51 35.1 27.3 40.9
86 66.6 50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 53.564 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX019256.D
Acq: 04 Nov 2020 00:08

Tgt Ion: 65 Resp: 218393
Ion Ratio Lower Upper
65 100
67 51.5 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: VX019256.D

Acq: 04 Nov 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

CRT-17

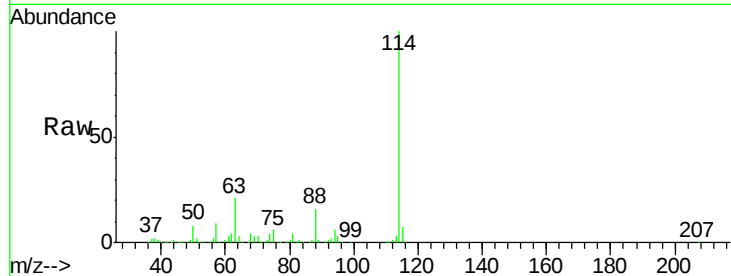
Tot Ion:114 Resp: 560947

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.8

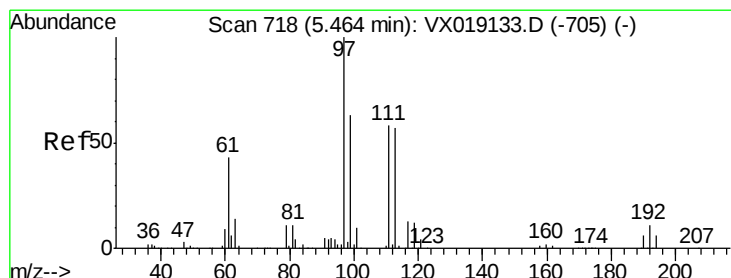
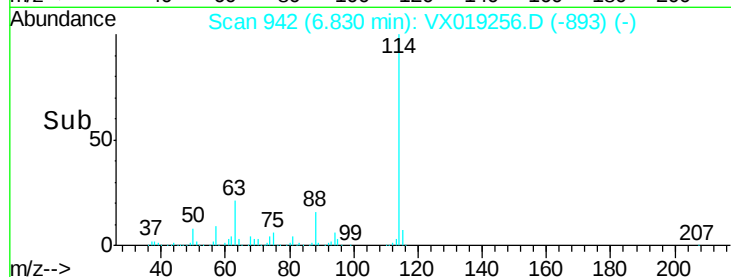
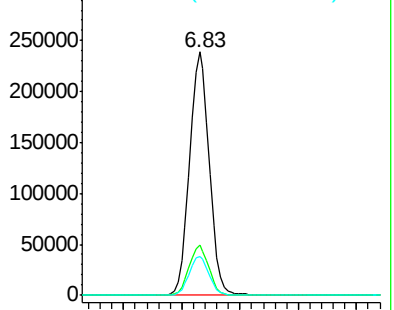
88 16.0 0.0 34.2



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: 49.954 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019256.D

Acq: 04 Nov 2020 00:08

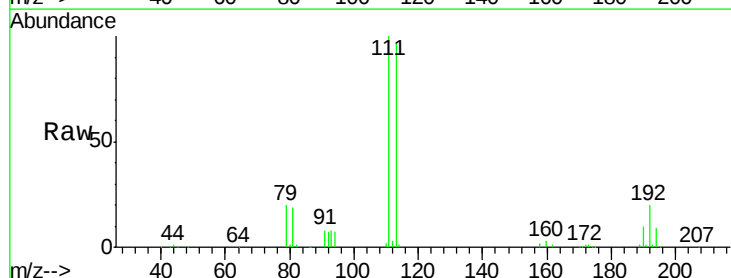
Tgt Ion:113 Resp: 176015

Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

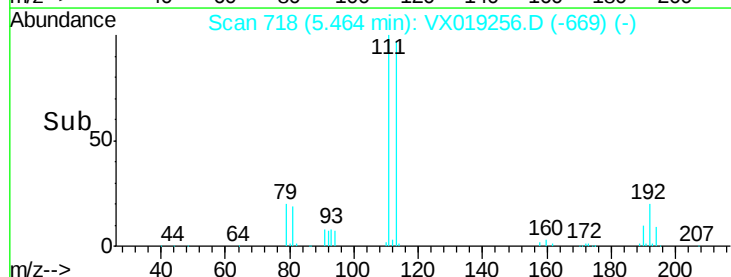
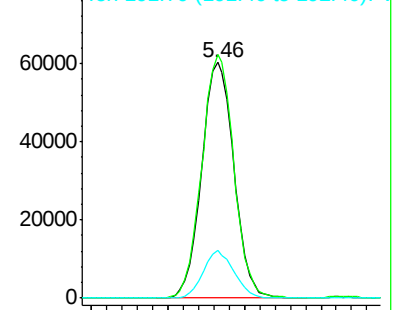
192 19.5 16.2 24.2

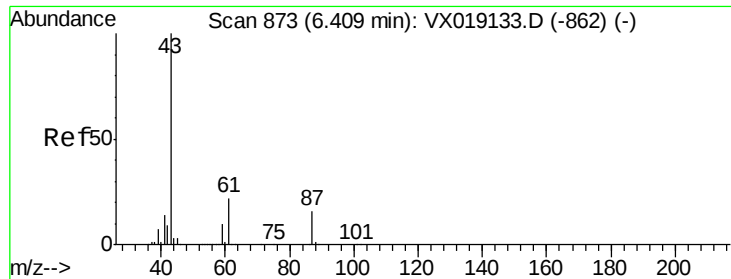


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.560 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.00 min

Lab File: VX019256.D

Acq: 04 Nov 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

CRT-17

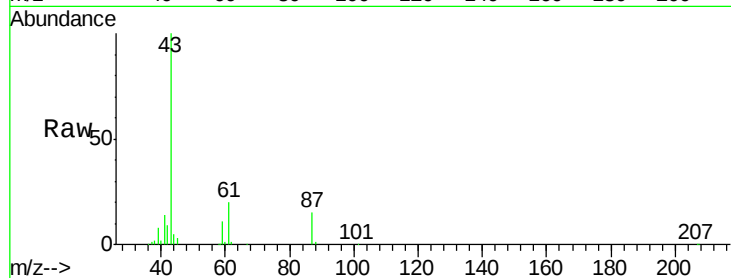
Tot Ion: 43 Resp: 68931

Ion Ratio Lower Upper

43 100

61 21.1 17.8 26.6

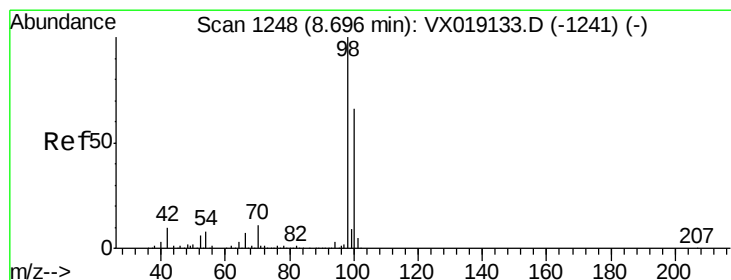
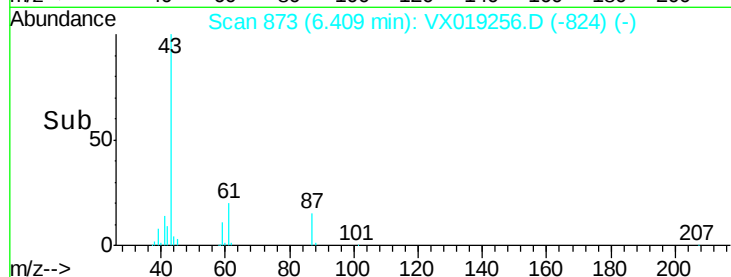
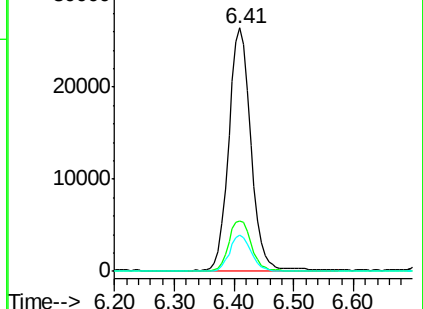
87 14.4 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 53.796 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019256.D

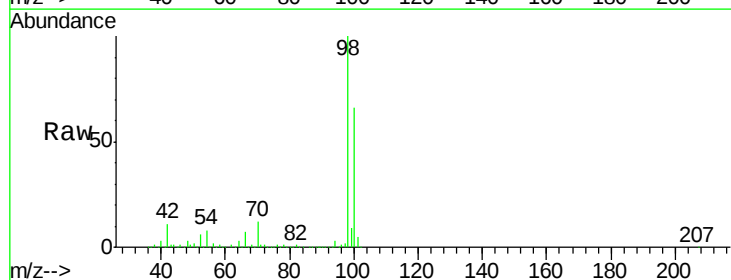
Acq: 04 Nov 2020 00:08

Tgt Ion: 98 Resp: 714546

Ion Ratio Lower Upper

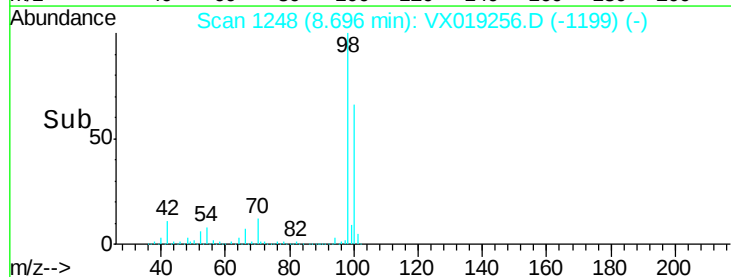
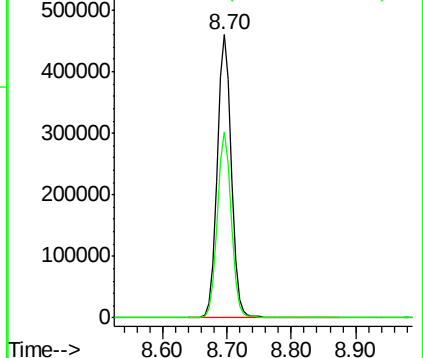
98 100

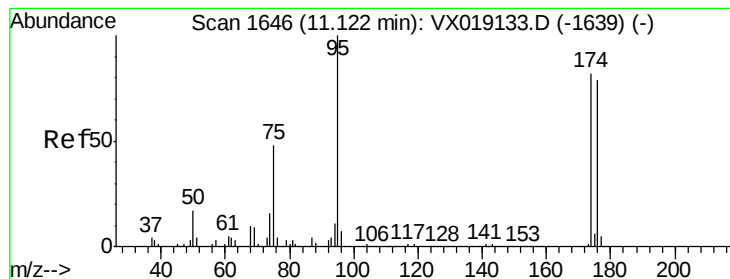
100 65.2 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 56.102 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019256.D

Acq: 04 Nov 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

CRT-17

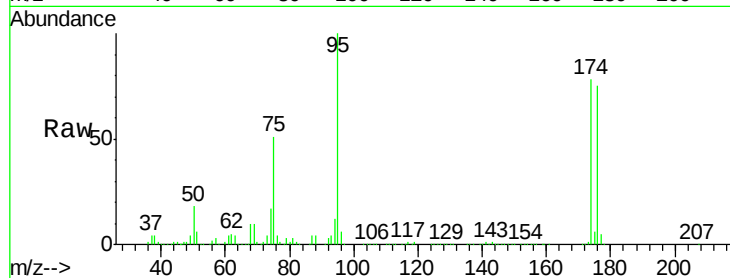
Tot Ion: 95 Resp: 282200

Ion Ratio Lower Upper

95 100

174 75.8 0.0 156.0

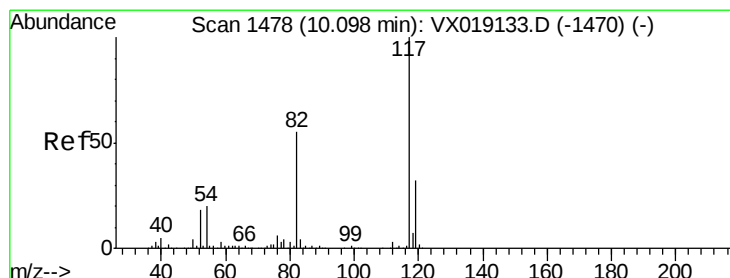
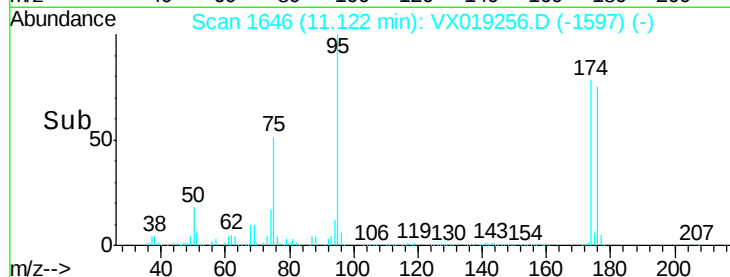
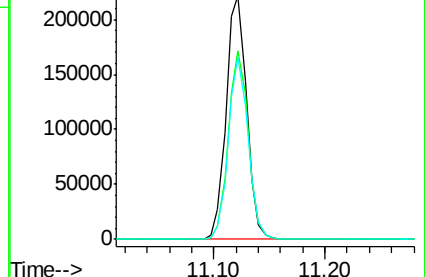
176 72.6 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX019133.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX019133.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX019133.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX019256.D

Acq: 04 Nov 2020 00:08

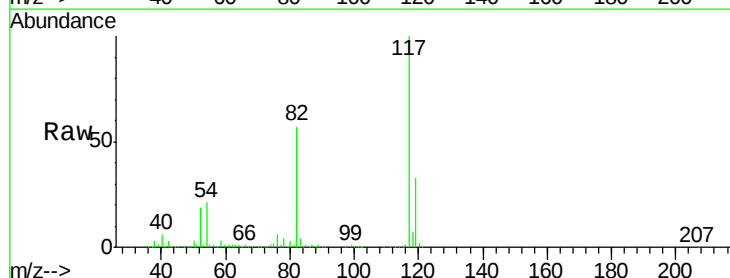
Tgt Ion: 117 Resp: 554892

Ion Ratio Lower Upper

117 100

82 56.7 43.6 65.4

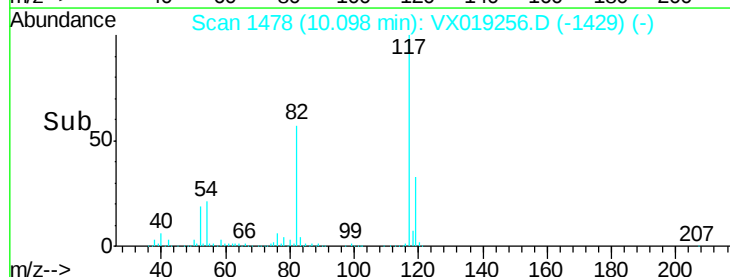
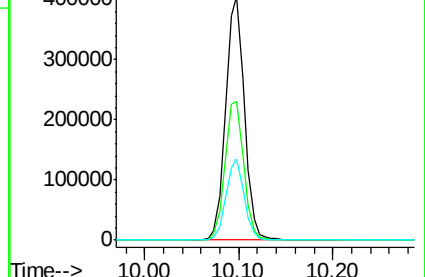
119 33.0 25.5 38.3

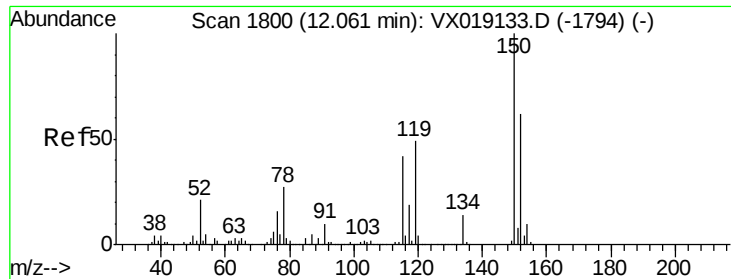


Abundance Ion 116.90 (116.60 to 117.60): VX019133.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019133.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019133.D (-1470) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019256.D

Acq: 04 Nov 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

CRT-17

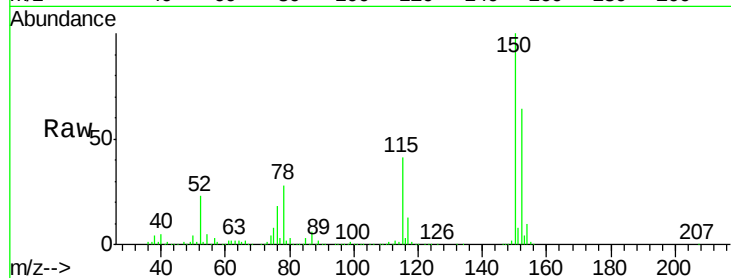
Tot Ion:152 Resp: 286994

Ion Ratio Lower Upper

152 100

115 61.7 41.9 125.7

150 156.1 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

