

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050120\
 Data File : VX016018.D
 Acq On : 01 May 2020 17:47
 Operator : JC/SP
 Sample : L2469-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ188I-20200429

Quant Time: May 02 07:59:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

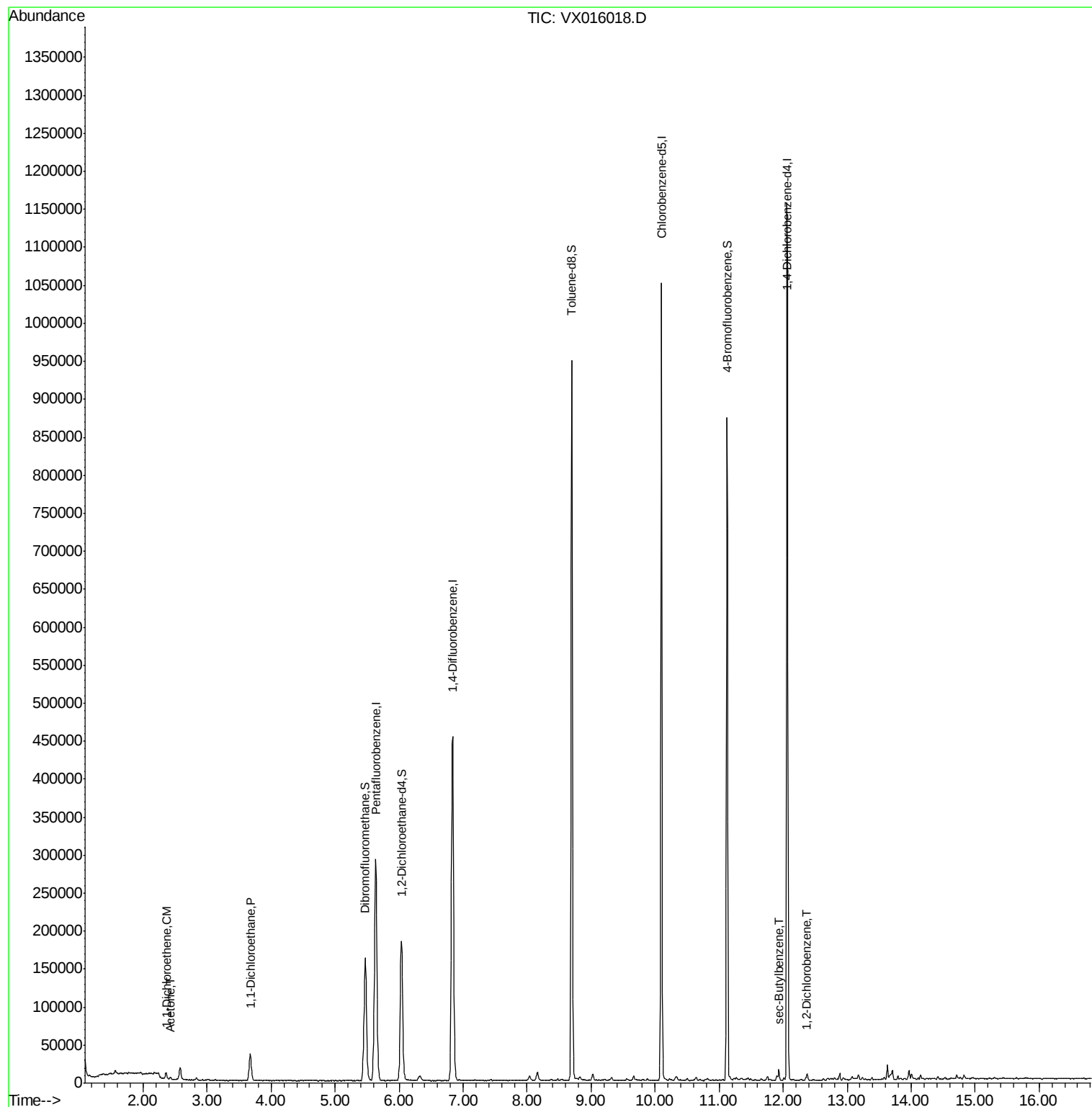
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	279152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	455526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	445823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	231964	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	178031	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
35) Dibromofluoromethane	5.47	113	136711	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
50) Toluene-d8	8.70	98	562170	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
62) 4-Bromofluorobenzene	11.12	95	224776	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.88%	
Target Compounds						
12) 1,1-Dichloroethene	2.36	96	2706	1.013	ug/l	97
16) Acetone	2.42	43	2819	1.806	ug/l	98
24) 1,1-Dichloroethane	3.67	63	40227	7.627	ug/l	99
85) sec-Butylbenzene	11.93	105	7533	0.488	ug/l	82
91) 1,2-Dichlorobenzene	12.38	146	1894	0.267	ug/l	98

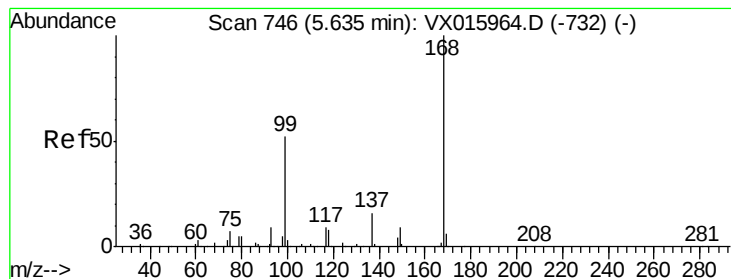
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 28 17:30:11 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX016018.D

Acq: 01 May 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

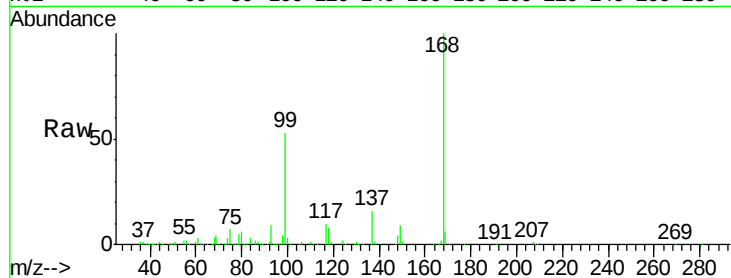
SA-PZ188I-20200429

Tot Ion:168 Resp: 279152

Ion Ratio Lower Upper

168 100

99 53.0 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

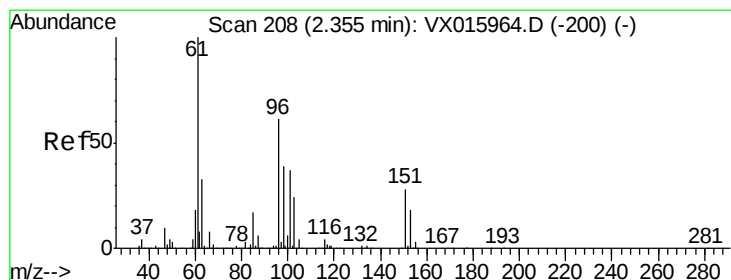
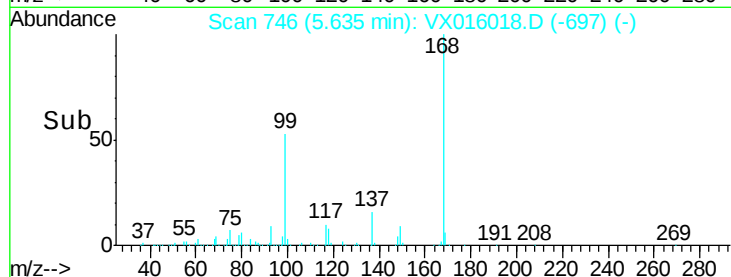
60000

40000

20000

0

Time-->



#12

1,1-Dichloroethene

Concen: 1.013 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX016018.D

Acq: 01 May 2020 17:47

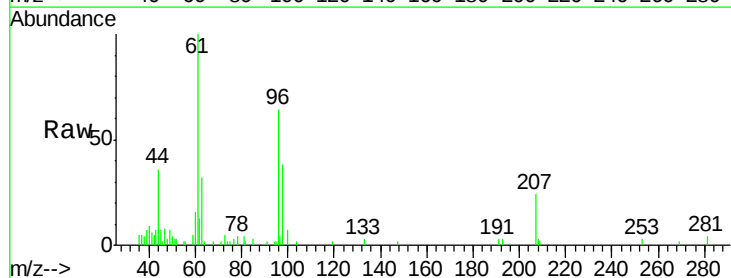
Tgt Ion: 96 Resp: 2706

Ion Ratio Lower Upper

96 100

61 159.5 131.0 196.4

98 61.8 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

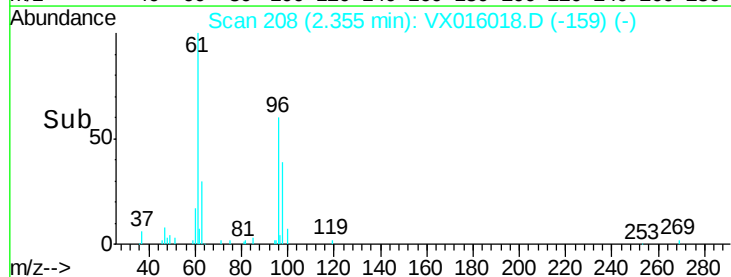
3000

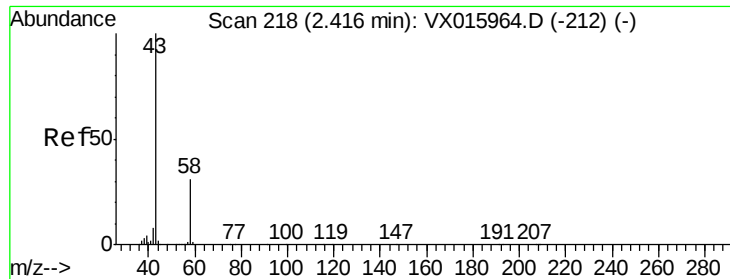
2000

1000

0

Time-->





#16

Acetone

Concen: 1.806 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016018.D

Acq: 01 May 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

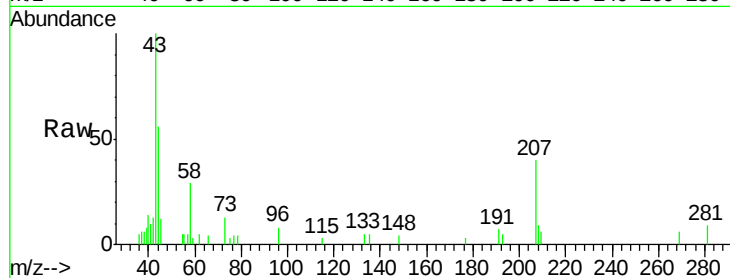
SA-PZ188I-20200429

Tot Ion: 43 Resp: 2819

Ion Ratio Lower Upper

43 100

58 30.0 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000

1500

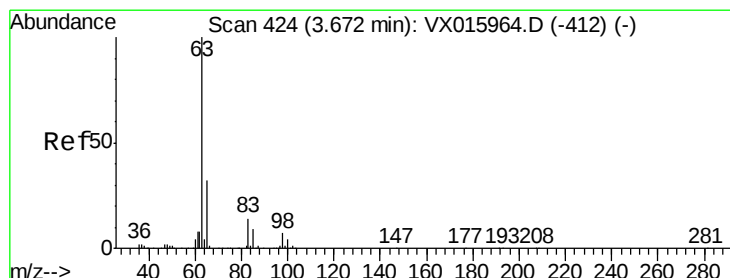
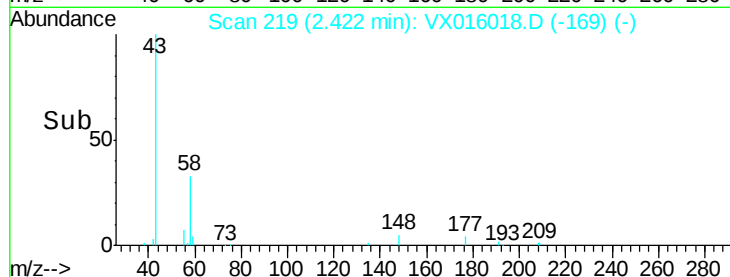
1000

500

0

2.35 2.40 2.45 2.50

Time-->



#24

1,1-Dichloroethane

Concen: 7.627 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016018.D

Acq: 01 May 2020 17:47

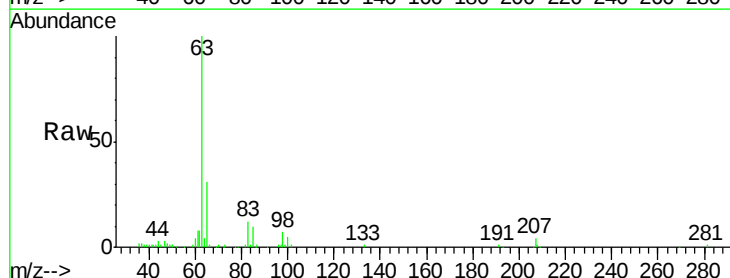
Tgt Ion: 63 Resp: 40227

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 5.1 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

20000

15000

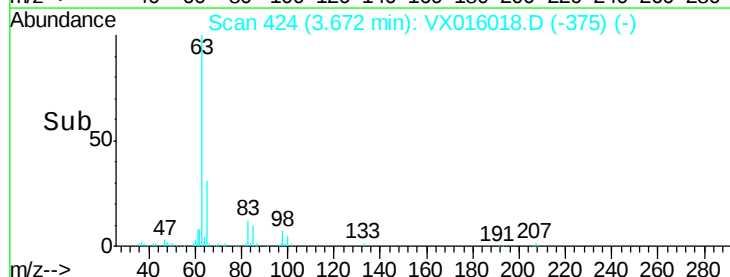
10000

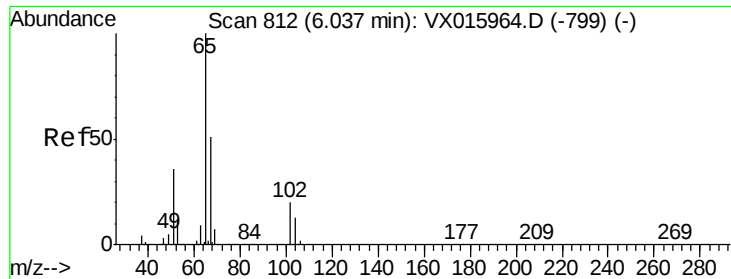
5000

0

3.60 3.70

Time-->

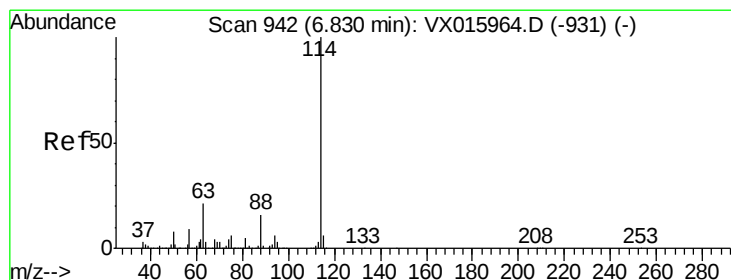
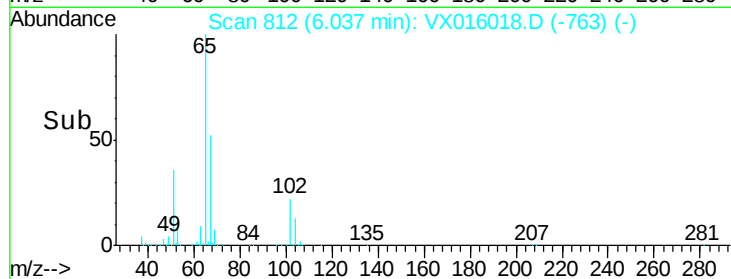
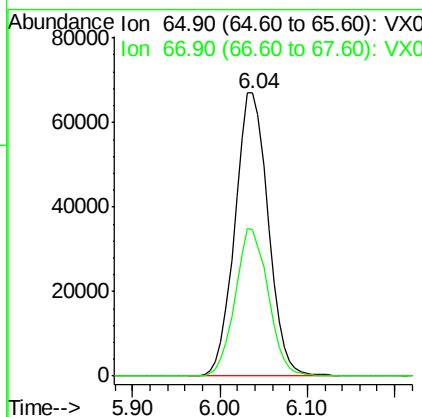
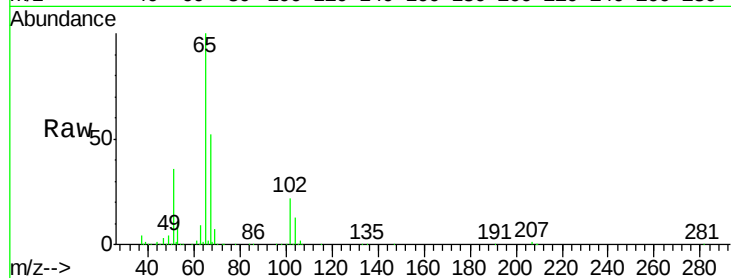




#33
 1,2-Dichloroethane-d4
 Concen: 48.778 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: VX016018.D
 Acq: 01 May 2020 17:47

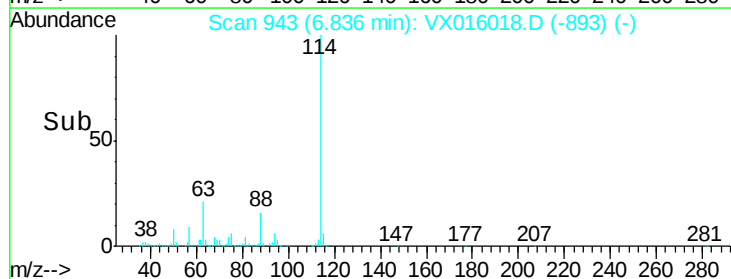
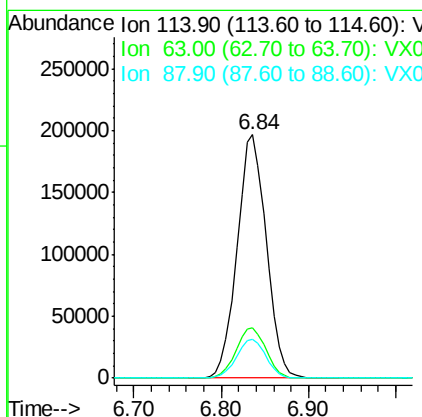
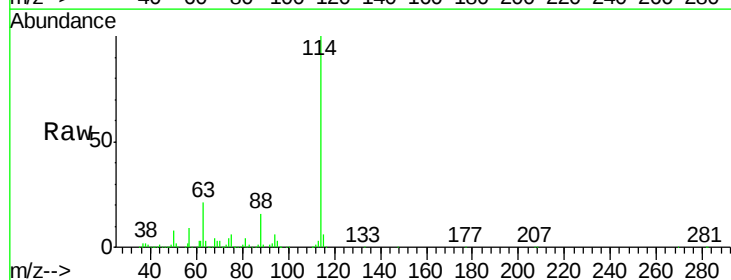
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ188I-20200429

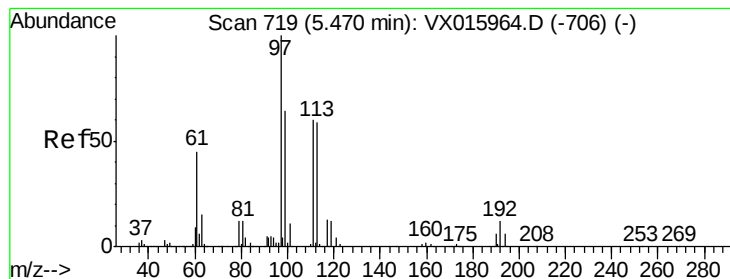
Tot Ion: 65 Resp: 178031
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016018.D
 Acq: 01 May 2020 17:47

Tgt Ion: 114 Resp: 455526
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.2
 88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.111 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016018.D

Acq: 01 May 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ188I-20200429

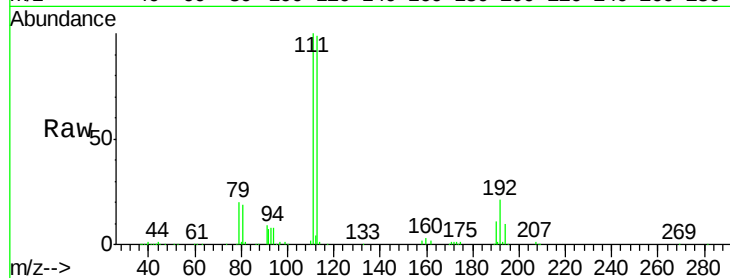
Tot Ion:113 Resp: 136711

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

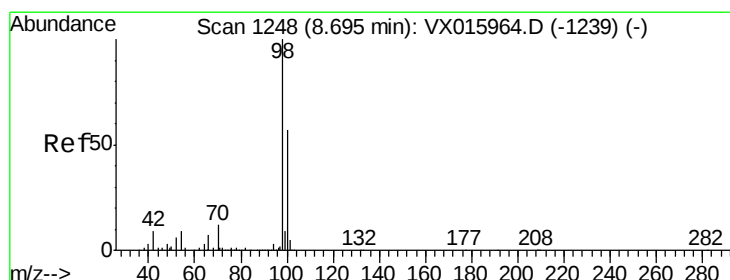
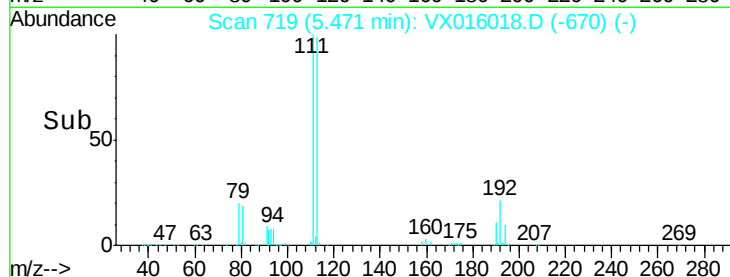
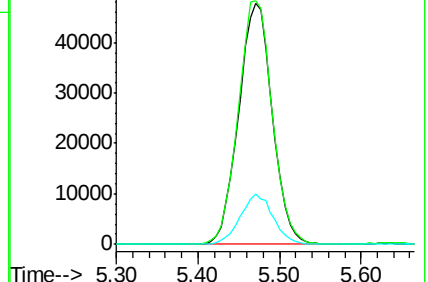
192 20.4 16.8 25.2



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: 52.913 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016018.D

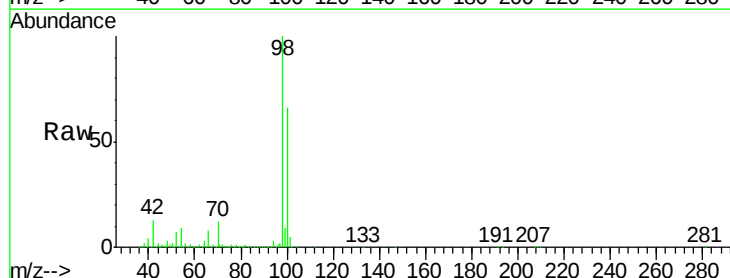
Acq: 01 May 2020 17:47

Tgt Ion: 98 Resp: 562170

Ion Ratio Lower Upper

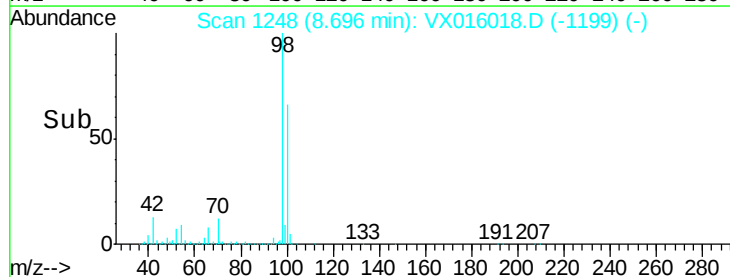
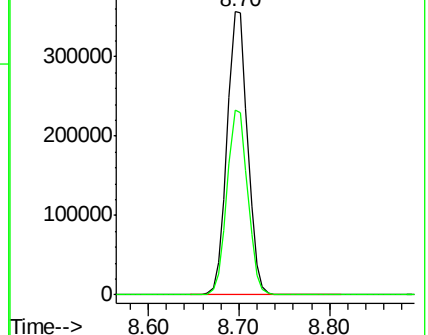
98 100

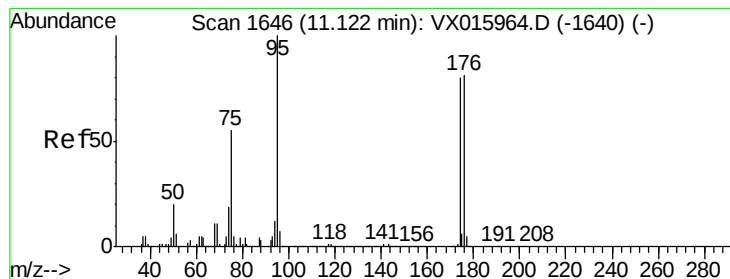
100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.941 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016018.D

Acq: 01 May 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ188I-20200429

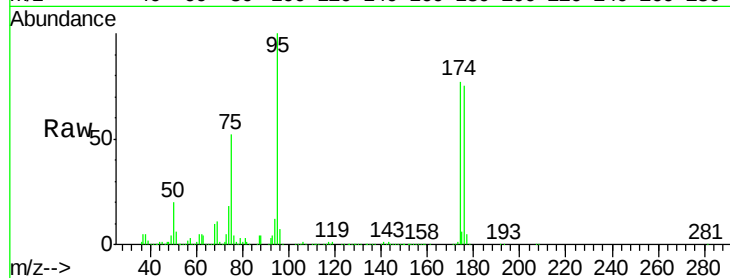
Tot Ion: 95 Resp: 224776

Ion Ratio Lower Upper

95 100

174 78.3 0.0 165.0

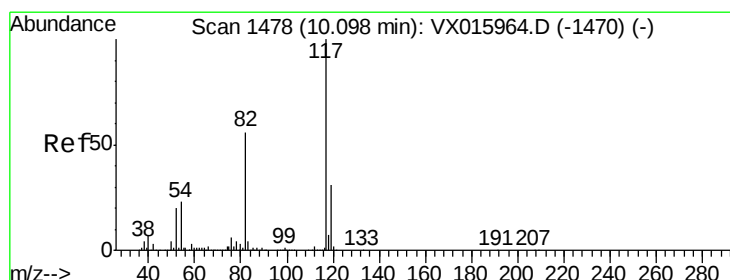
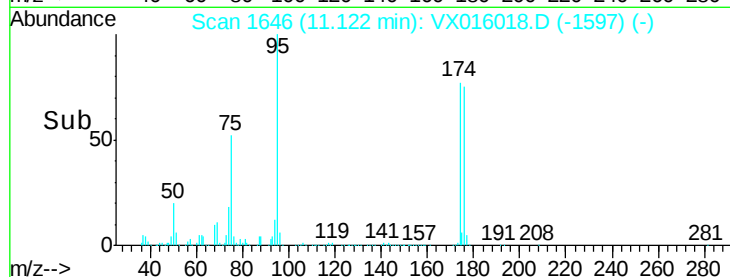
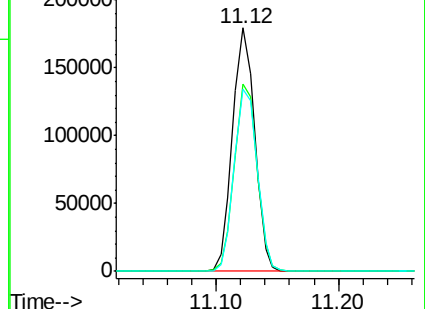
176 77.5 0.0 163.2



Abundance Ion 94.90 (94.60 to 95.60): VX016018.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016018.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016018.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016018.D

Acq: 01 May 2020 17:47

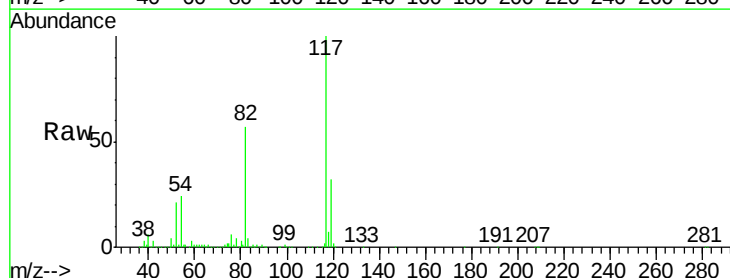
Tgt Ion: 117 Resp: 445823

Ion Ratio Lower Upper

117 100

82 56.9 44.5 66.7

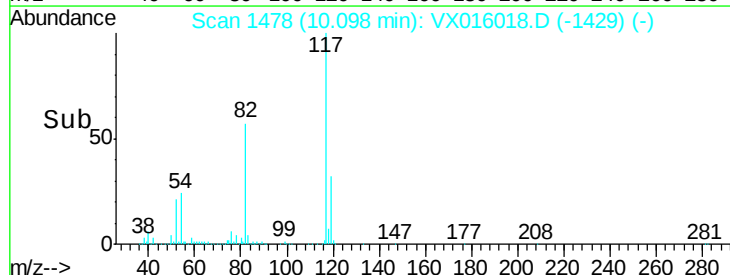
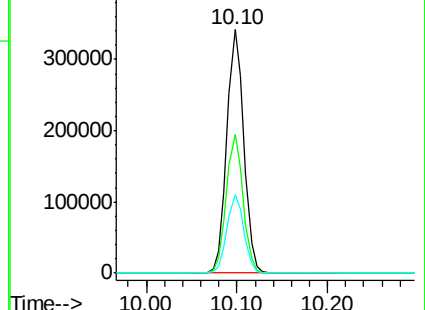
119 32.4 25.0 37.6

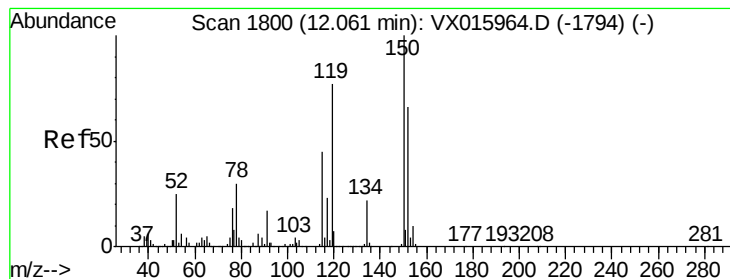


Abundance Ion 116.90 (116.60 to 117.60): VX016018.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016018.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016018.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016018.D

Acq: 01 May 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ188I-20200429

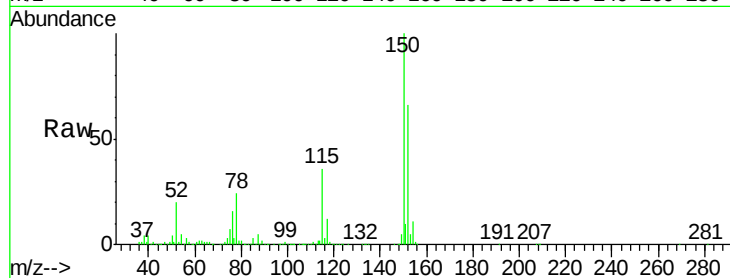
Tot Ion:152 Resp: 231964

Ion Ratio Lower Upper

152 100

115 58.6 40.9 122.7

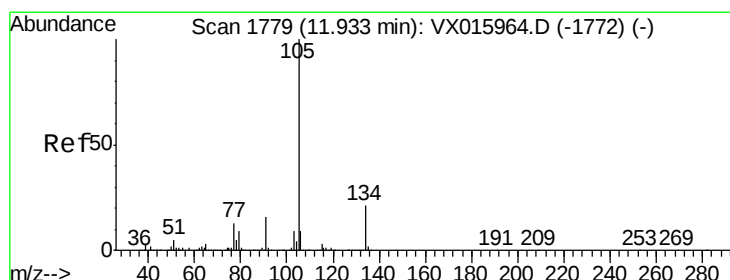
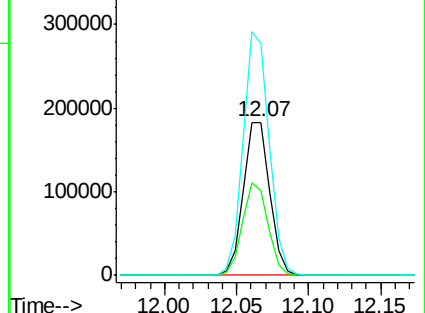
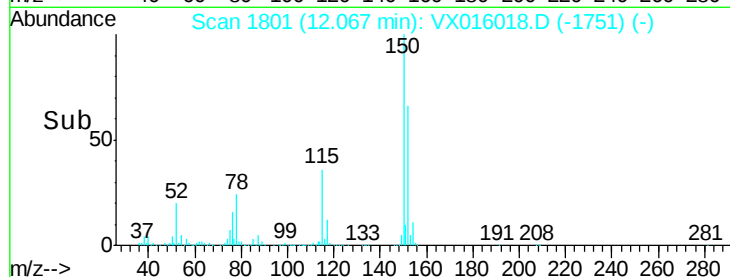
150 156.8 0.0 342.4



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



#85

sec-Butylbenzene

Concen: 0.488 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016018.D

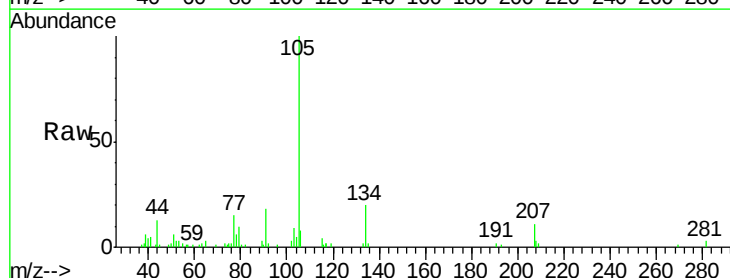
Acq: 01 May 2020 17:47

Tgt Ion:105 Resp: 7533

Ion Ratio Lower Upper

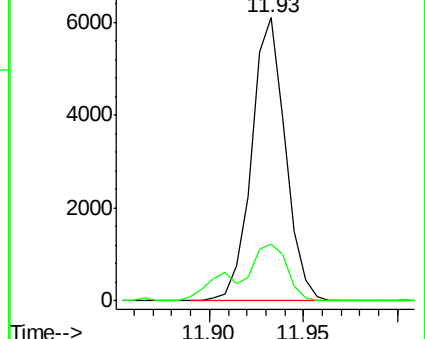
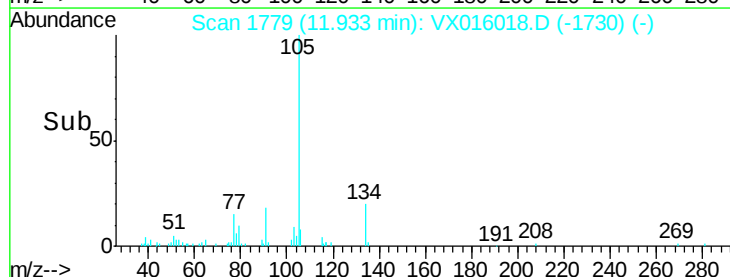
105 100

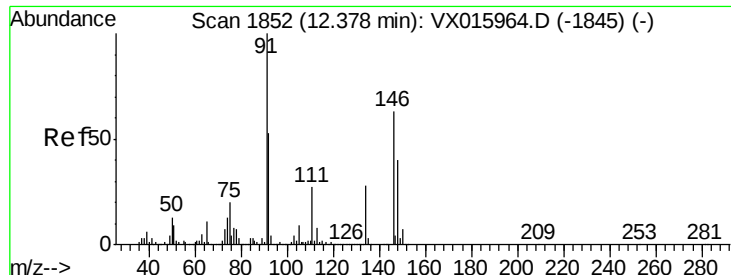
134 29.2 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.267 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016018.D

Acq: 01 May 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ188I-20200429

Tot Ion:146 Resp: 1894

Ion Ratio Lower Upper

146 100

111 43.6 21.1 63.3

148 65.5 32.3 96.9

