

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060820\
 Data File : VX016645.D
 Acq On : 08 Jun 2020 18:20
 Operator : JC/SP
 Sample : PB129340ZHE#12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB129340ZHE#12

Quant Time: Jun 09 06:23:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

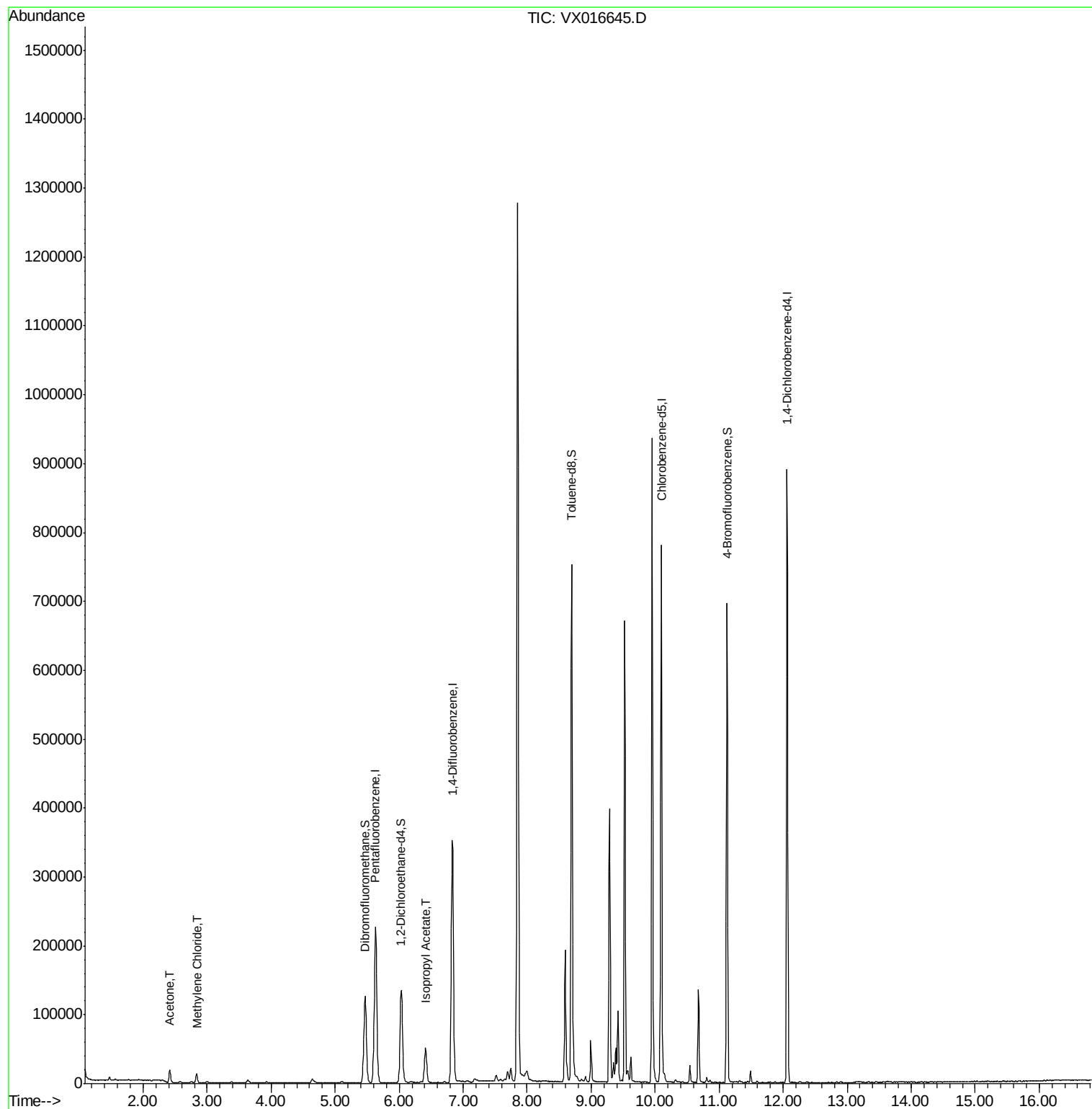
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	225318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	357970	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	133224	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
35) Dibromofluoromethane	5.47	113	109470	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
50) Toluene-d8	8.70	98	451636	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	11.12	95	178507	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
Target Compounds						
16) Acetone	2.42	43	18499	15.090	ug/l	97
20) Methylene Chloride	2.84	84	6415	2.529	ug/l	91
43) Isopropyl Acetate	6.41	43	67883	10.695	ug/l	98

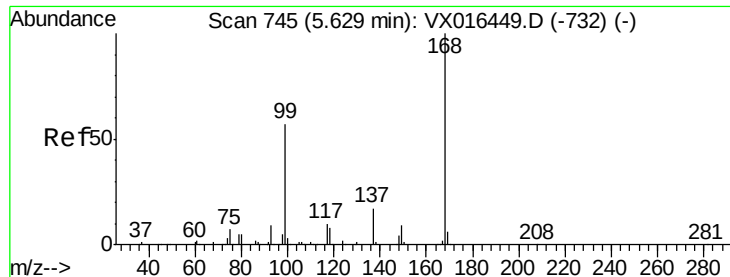
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016645.D

Acq: 08 Jun 2020 18:20

Instrument :

MSVOA_X

ClientSampleId :

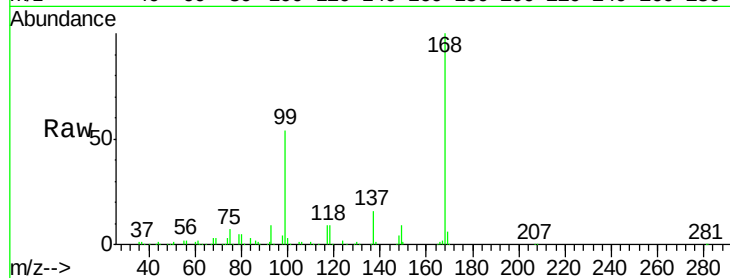
PB129340ZHE#12

Tot Ion:168 Resp: 225318

Ion Ratio Lower Upper

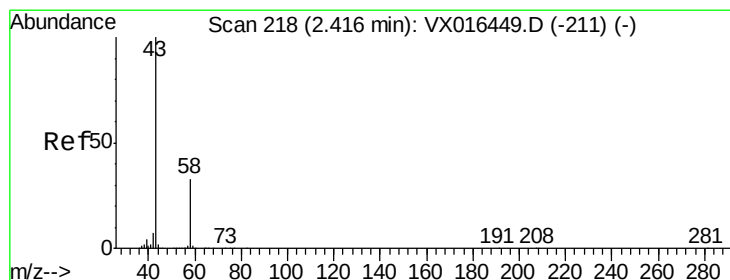
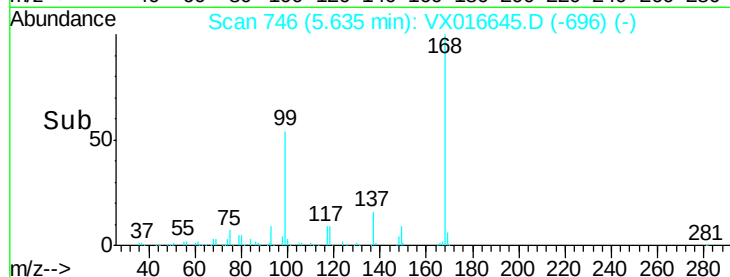
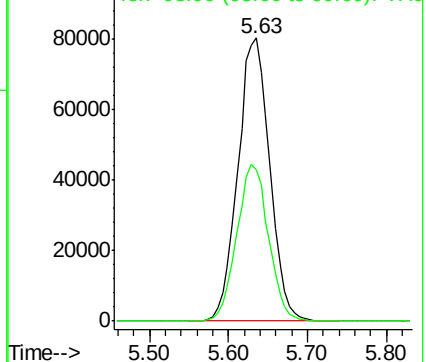
168 100

99 53.7 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 15.090 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016645.D

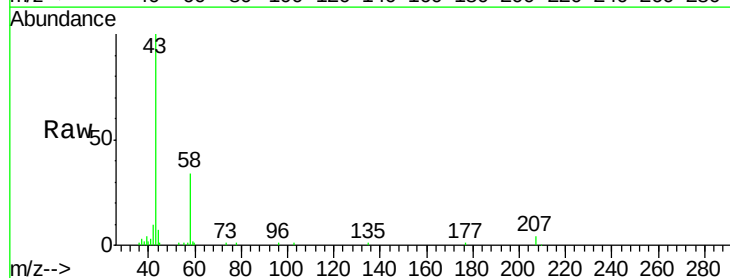
Acq: 08 Jun 2020 18:20

Tgt Ion: 43 Resp: 18499

Ion Ratio Lower Upper

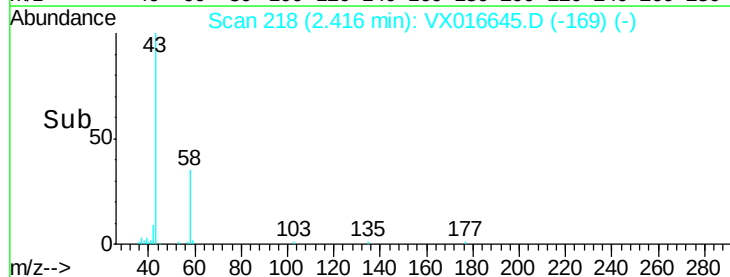
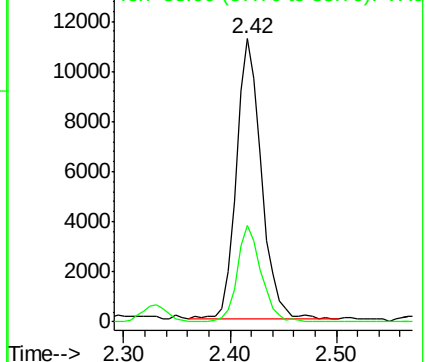
43 100

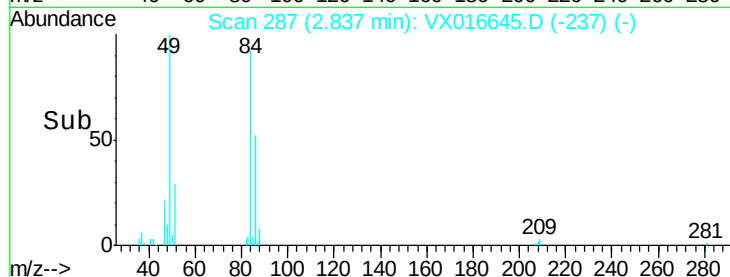
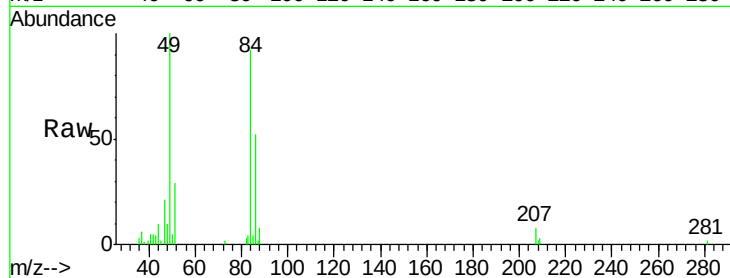
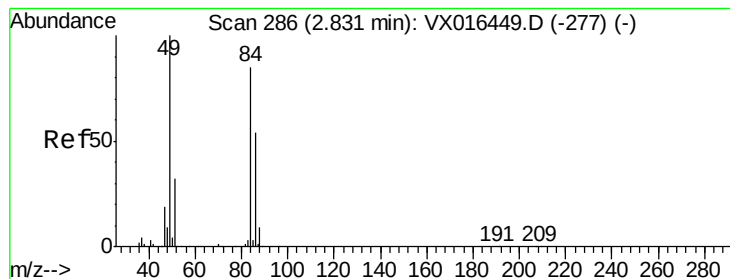
58 34.3 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 2.529 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX016645.D

Acq: 08 Jun 2020 18:20

Instrument :

MSVOA_X

ClientSampleId :

PB129340ZHE#12

Tot Ion: 84 Resp: 6415

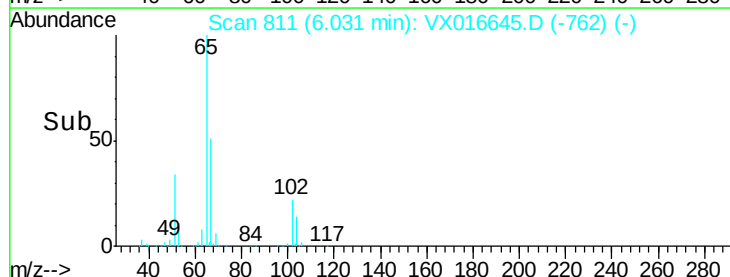
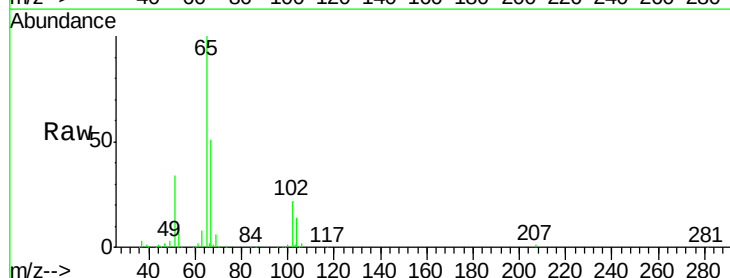
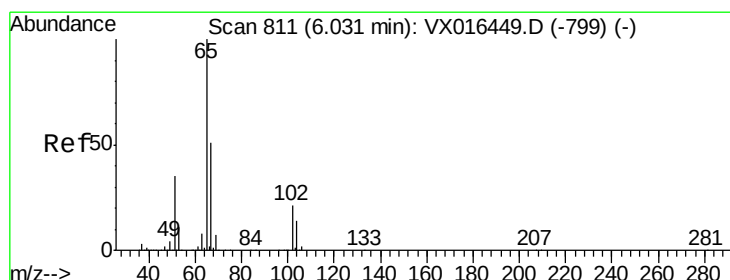
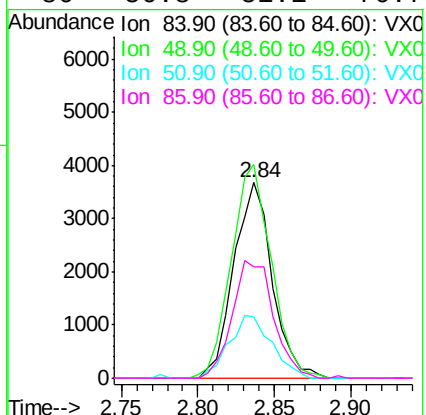
Ion Ratio Lower Upper

84 100

49 109.1 94.5 141.7

51 31.2 30.2 45.4

86 56.8 51.1 76.7



#33

1,2-Dichloroethane-d4

Concen: 47.611 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016645.D

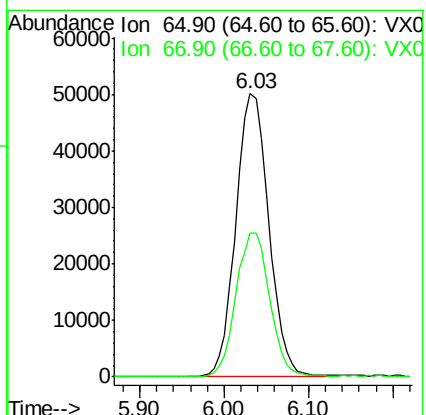
Acq: 08 Jun 2020 18:20

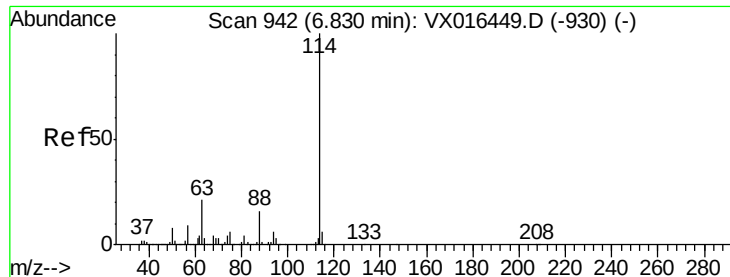
Tgt Ion: 65 Resp: 133224

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016645.D

Acq: 08 Jun 2020 18:20

Instrument :

MSVOA_X

ClientSampleId :

PB129340ZHE#12

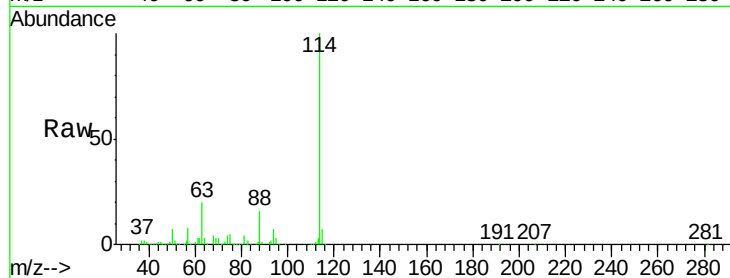
Tot Ion:114 Resp: 357970

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

88 16.4 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

6.83

200000

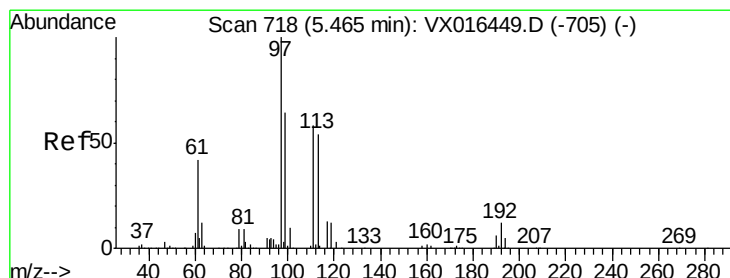
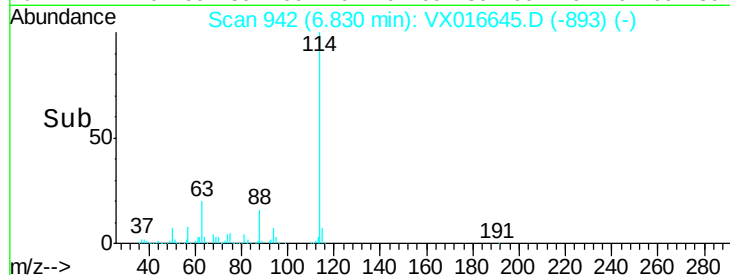
150000

100000

50000

0

Time--> 6.70 6.80 6.90



#35

Dibromofluoromethane

Concen: 49.665 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016645.D

Acq: 08 Jun 2020 18:20

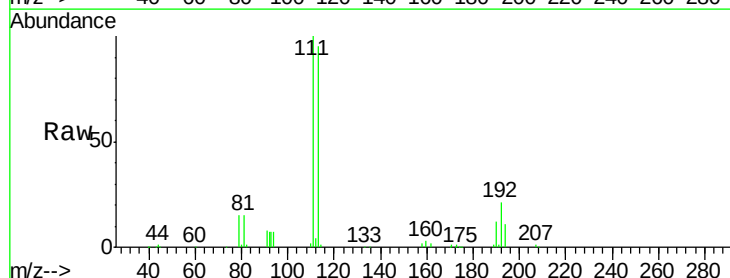
Tgt Ion:113 Resp: 109470

Ion Ratio Lower Upper

113 100

111 103.5 83.0 124.6

192 22.7 17.7 26.5



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

5.47

50000

40000

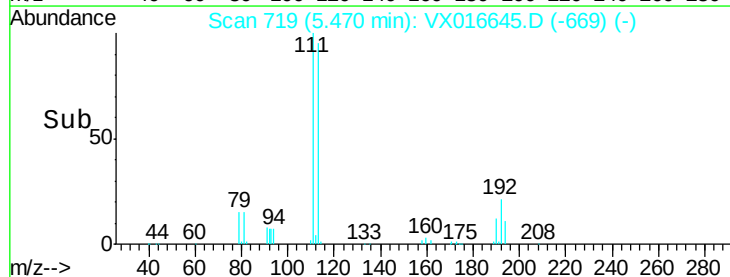
30000

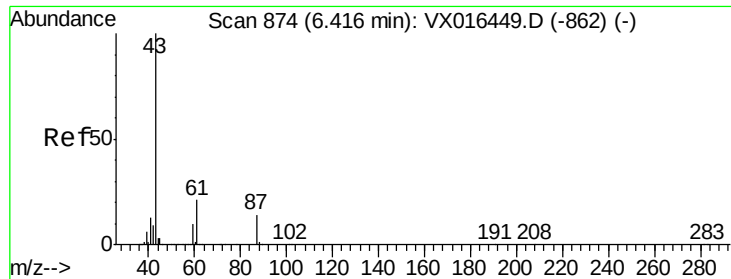
20000

10000

0

Time--> 5.30 5.40 5.50 5.60





#43

Isopropyl Acetate

Concen: 10.695 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016645.D

Acq: 08 Jun 2020 18:20

Instrument :

MSVOA_X

ClientSampleId :

PB129340ZHE#12

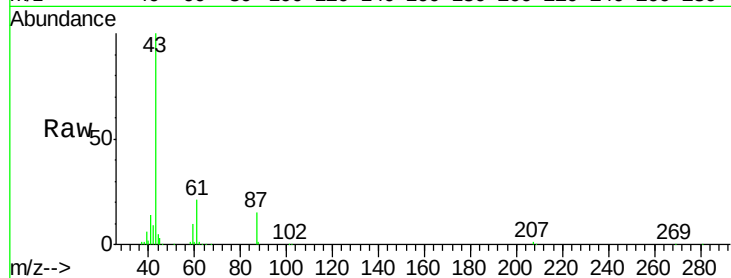
Tot Ion: 43 Resp: 67883

Ion Ratio Lower Upper

43 100

61 21.6 16.8 25.2

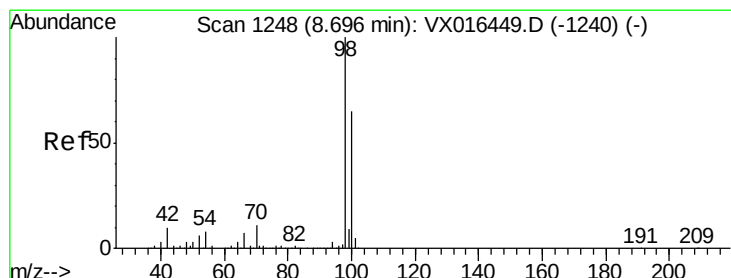
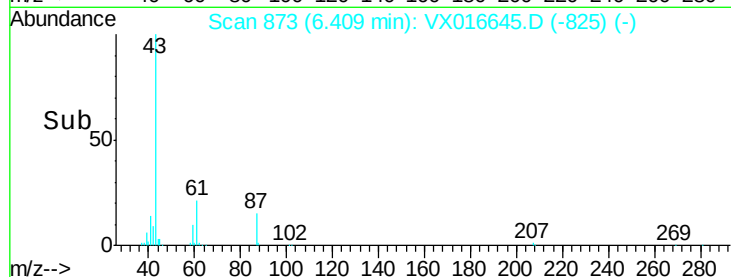
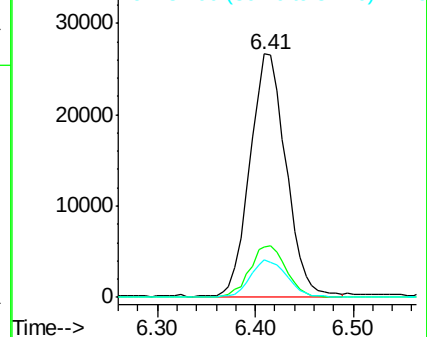
87 15.7 11.2 16.8



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: 52.643 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016645.D

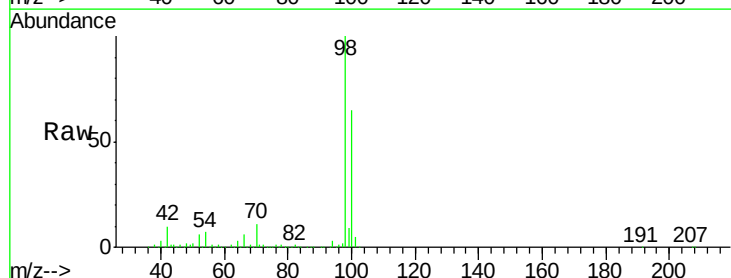
Acq: 08 Jun 2020 18:20

Tgt Ion: 98 Resp: 451636

Ion Ratio Lower Upper

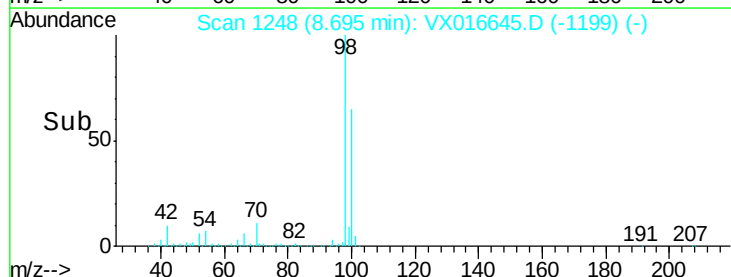
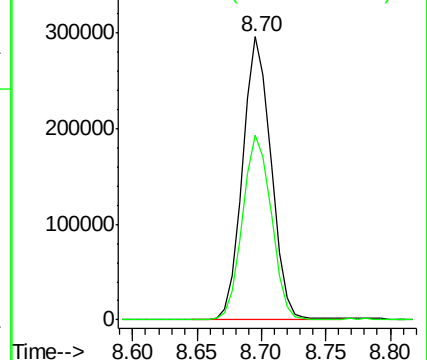
98 100

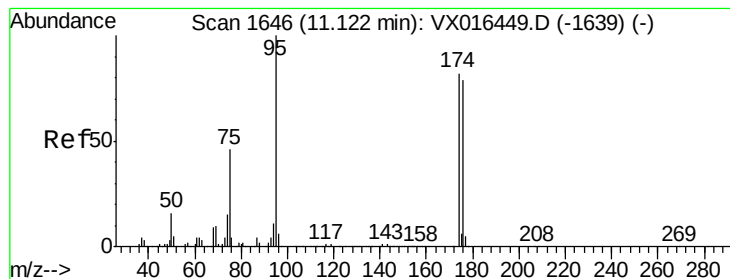
100 66.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.849 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016645.D

Acq: 08 Jun 2020 18:20

Instrument :

MSVOA_X

ClientSampleId :

PB129340ZHE#12

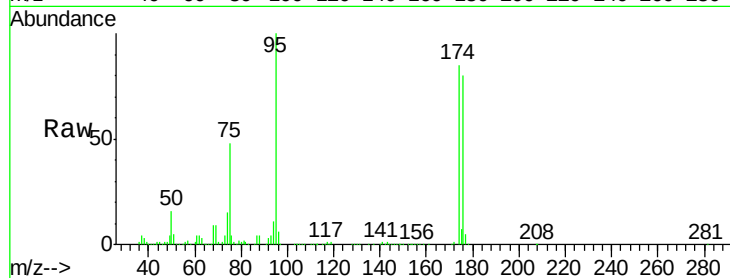
Tot Ion: 95 Resp: 178507

Ion Ratio Lower Upper

95 100

174 85.8 0.0 163.0

176 83.6 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016645.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016645.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016645.D (-1639) (-)

11.12

150000

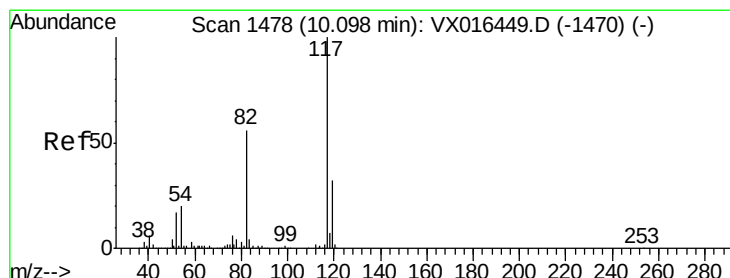
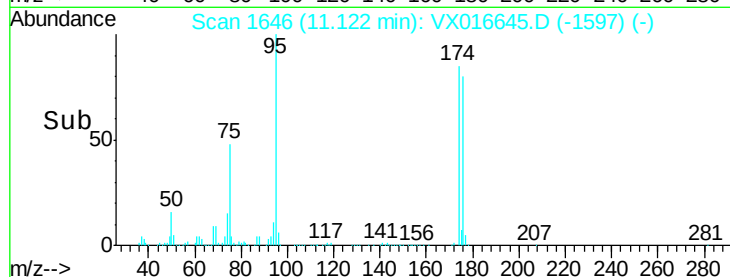
100000

50000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016645.D

Acq: 08 Jun 2020 18:20

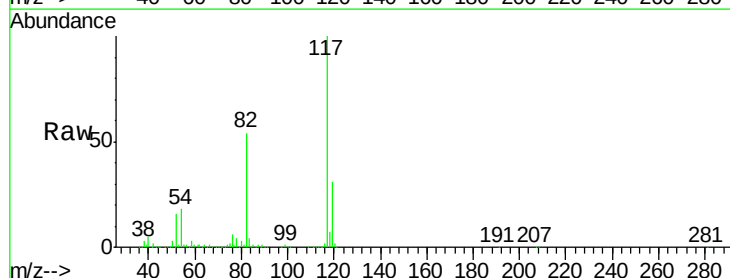
Tgt Ion: 117 Resp: 366535

Ion Ratio Lower Upper

117 100

82 53.6 45.0 67.6

119 31.4 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VX016645.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX016645.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016645.D (-1470) (-)

10.10

300000

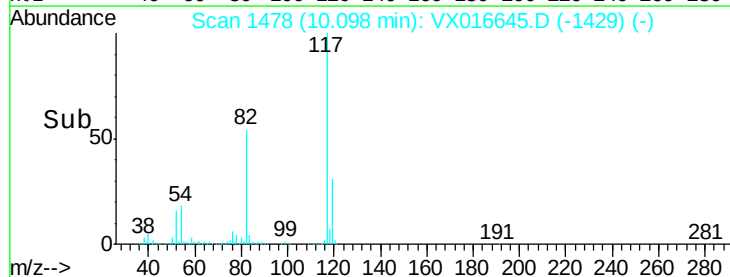
200000

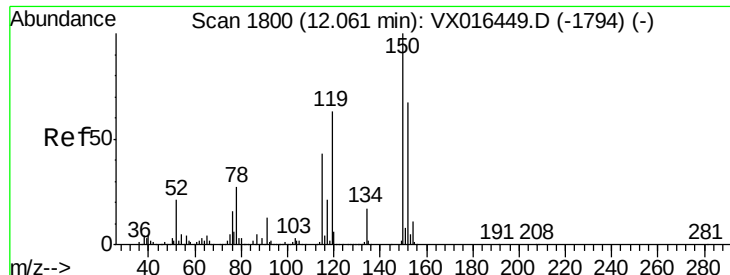
100000

0

10.00 10.10 10.20

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016645.D

Acq: 08 Jun 2020 18:20

Instrument :

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PB129340ZHE#12

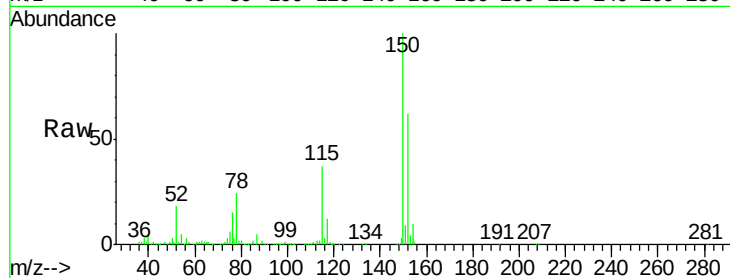
Tot Ion:152 Resp: 188301

Ion Ratio Lower Upper

152 100

115 57.4 39.9 119.6

150 154.2 0.0 341.0



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

