

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016864.D
 Acq On : 19 Jun 2020 01:48
 Operator : JC/SP
 Sample : L3046-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ISS-A-C

Quant Time: Jun 19 04:01:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 15:20:47 2020
 Response via : Initial Calibration

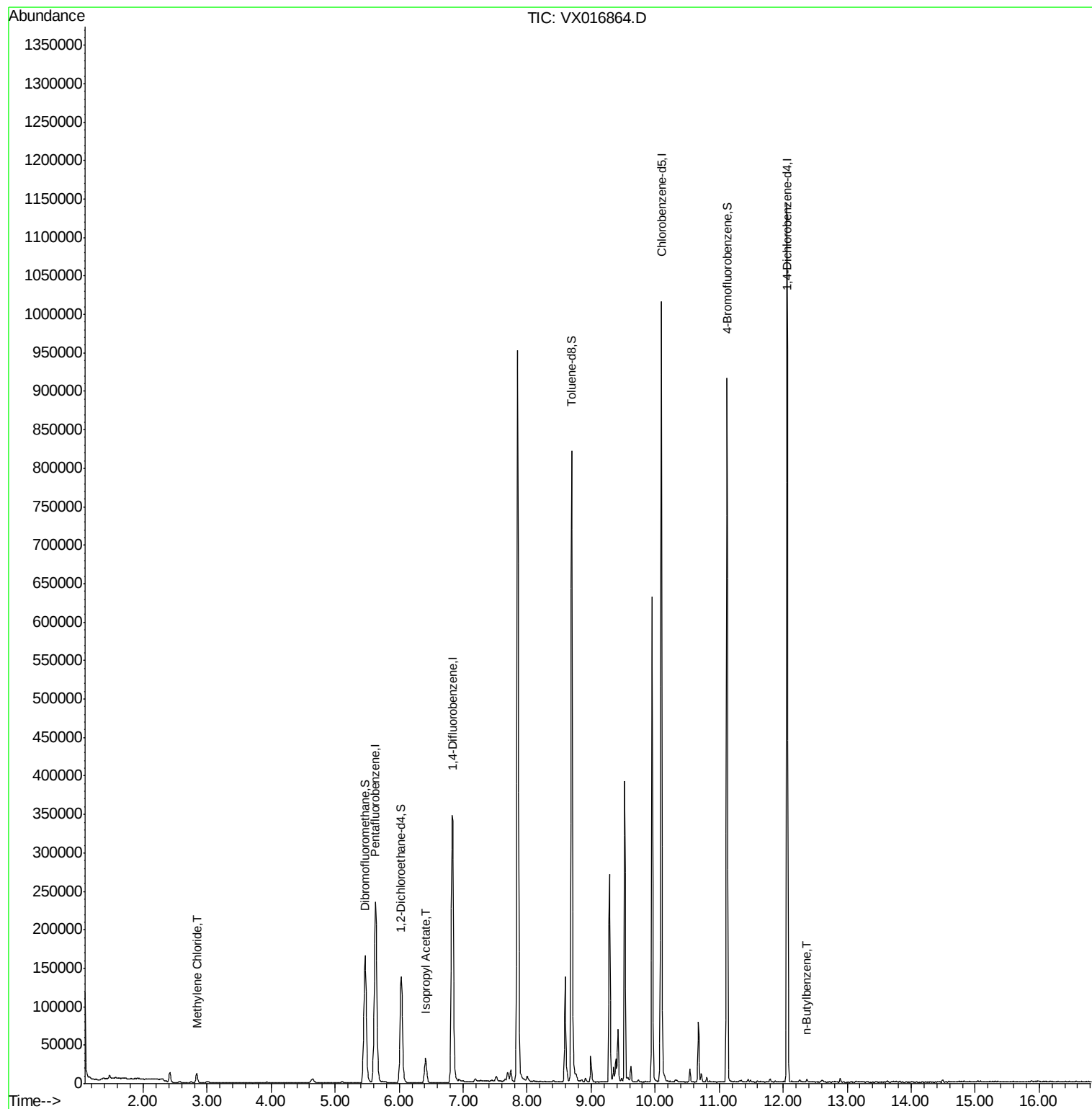
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	240713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	368457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	481729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	137204	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
35) Dibromofluoromethane	5.47	113	141750	60.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.28%	
50) Toluene-d8	8.70	98	499372	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
62) 4-Bromofluorobenzene	11.12	95	237222	65.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.32%	
Target Compounds						
20) Methylene Chloride	2.84	84	6323	2.509	ug/l	95
43) Isopropyl Acetate	6.42	43	41440	7.895	ug/l	99
89) n-Butylbenzene	12.37	91	1168	3.095	ug/l	99

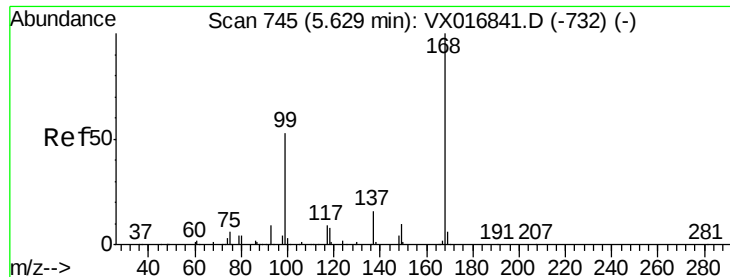
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 18 15:20:47 2020
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: VX016864.D

Acq: 19 Jun 2020 01:48

Instrument :

MSVOA_X

ClientSampleId :

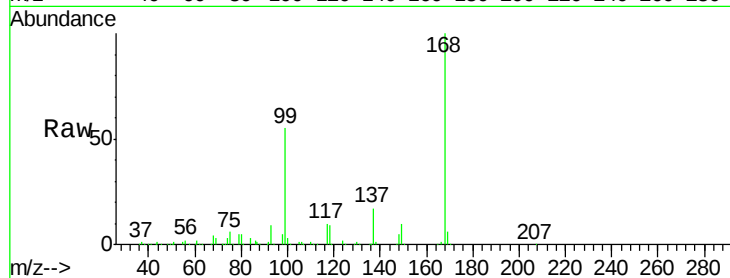
ISS-A-C

Tot Ion:168 Resp: 240713

Ion Ratio Lower Upper

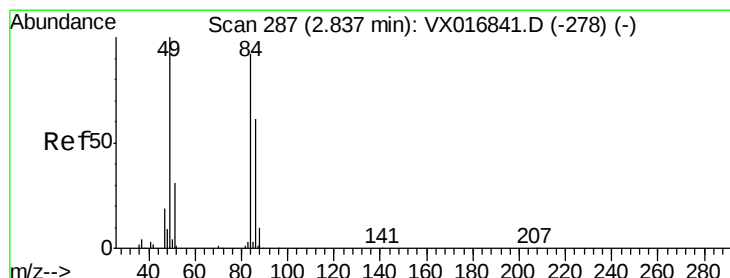
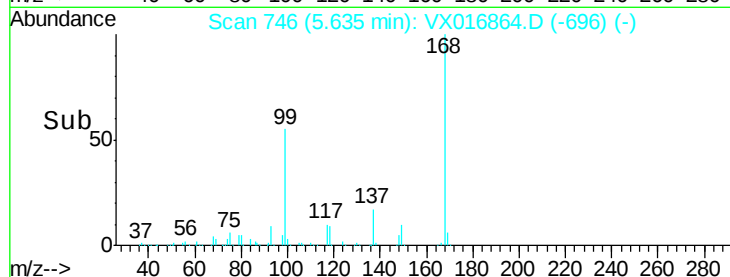
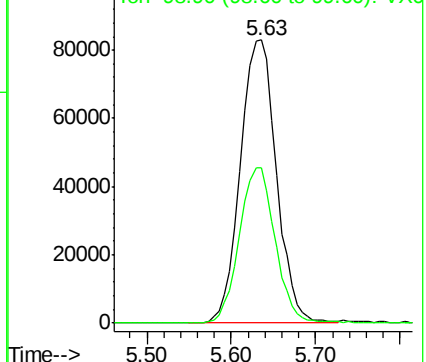
168 100

99 54.9 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#20

Methylene Chloride

Concen: 2.509 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX016864.D

Acq: 19 Jun 2020 01:48

Tgt Ion: 84 Resp: 6323

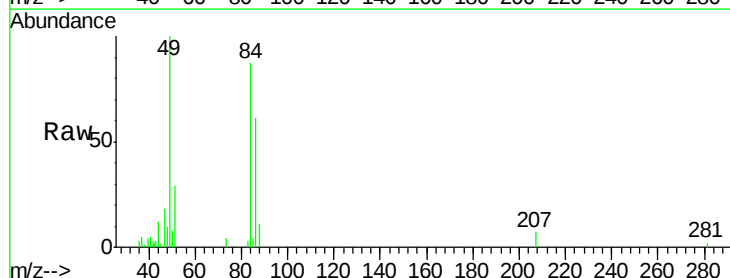
Ion Ratio Lower Upper

84 100

49 114.8 86.6 129.8

51 33.3 27.1 40.7

86 69.5 53.1 79.7

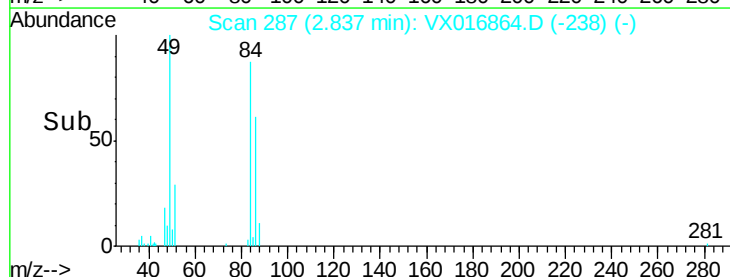
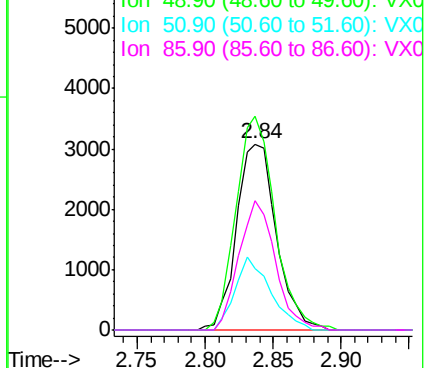


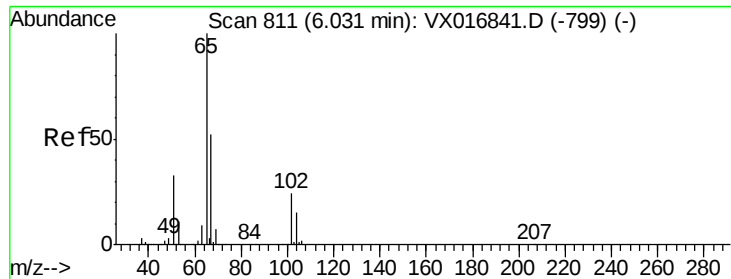
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.393 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016864.D

Acq: 19 Jun 2020 01:48

Instrument :

MSVOA_X

ClientSampleId :

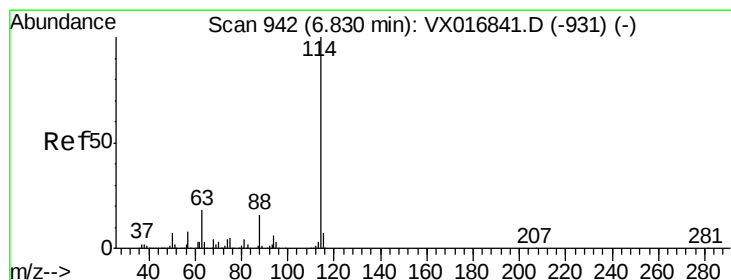
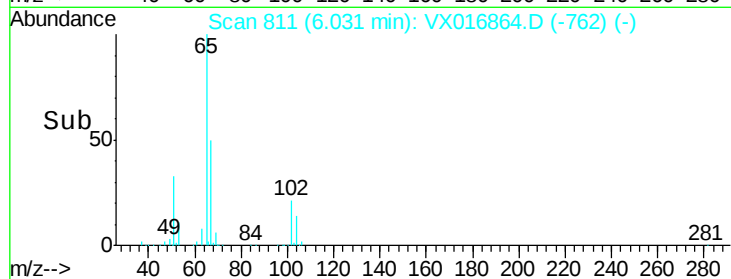
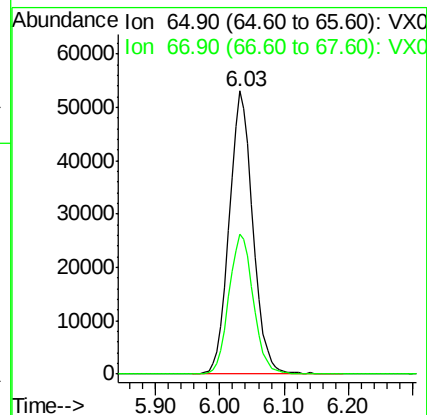
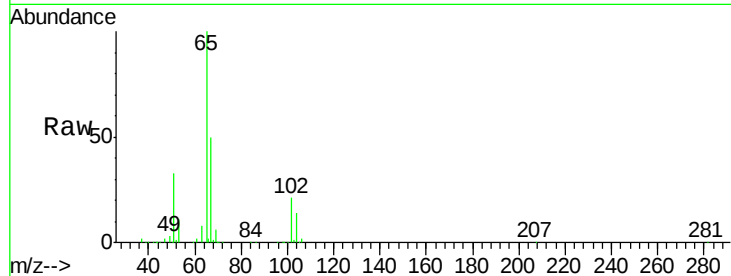
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Tot Ion: 65 Resp: 137204

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016864.D

Acq: 19 Jun 2020 01:48

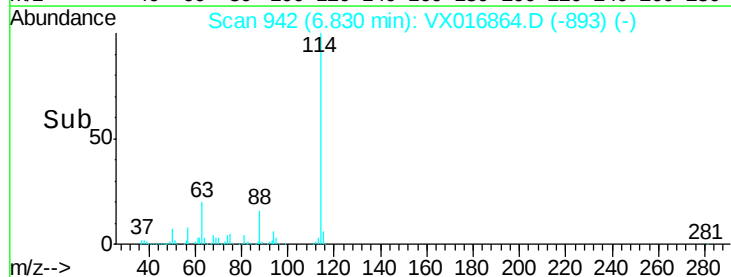
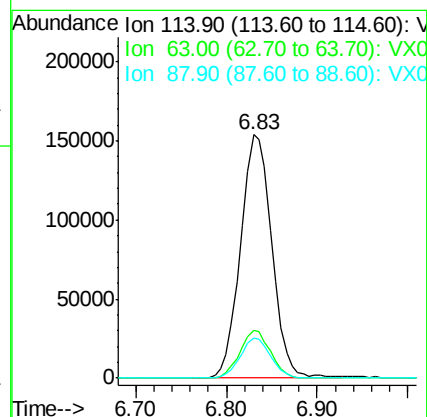
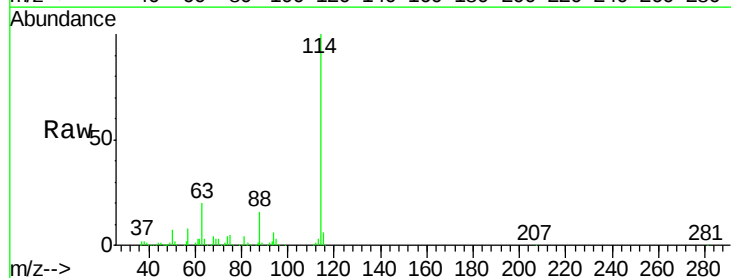
Tgt Ion: 114 Resp: 368457

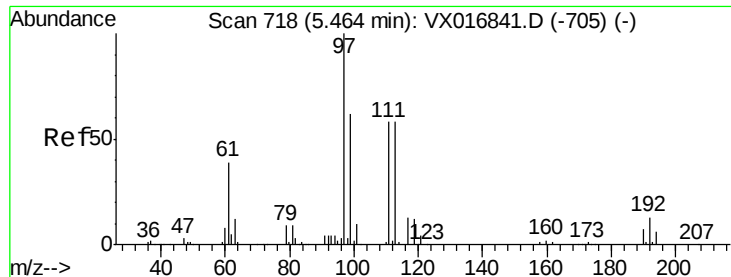
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.0

88 16.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 60.140 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016864.D

Acq: 19 Jun 2020 01:48

Instrument :

MSVOA_X

ClientSampleId :

ISS-A-C

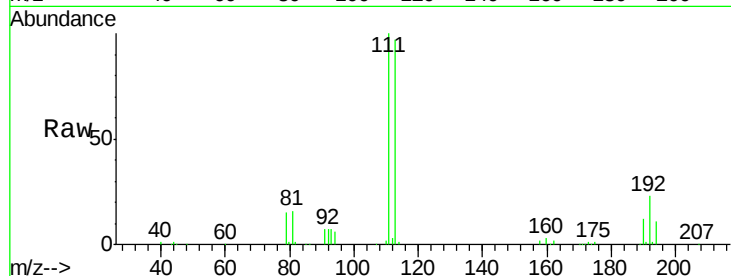
Tot Ion:113 Resp: 141750

Ion Ratio Lower Upper

113 100

111 101.8 81.0 121.4

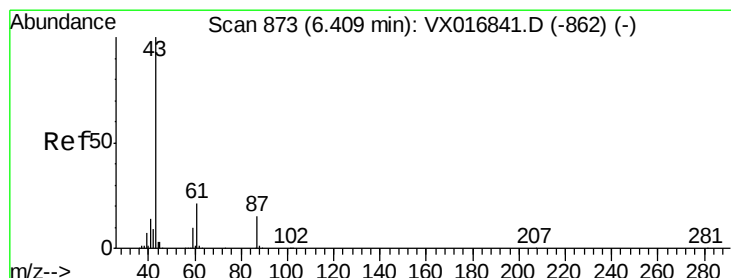
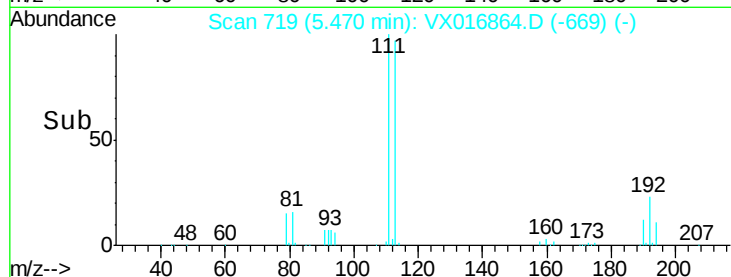
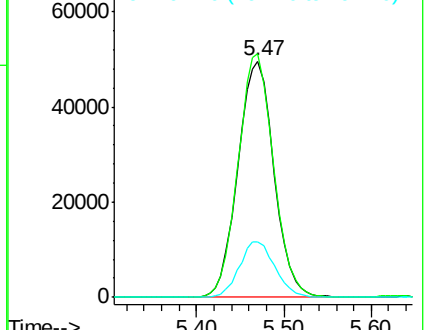
192 23.4 18.5 27.7



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: 7.895 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX016864.D

Acq: 19 Jun 2020 01:48

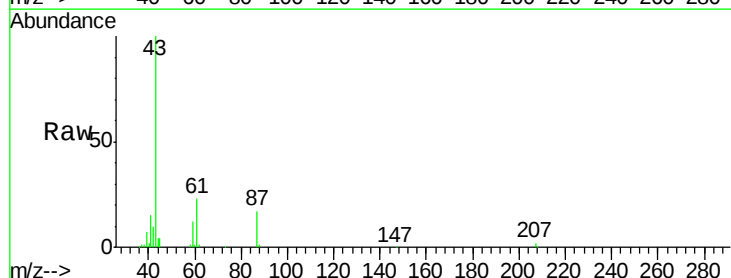
Tgt Ion: 43 Resp: 41440

Ion Ratio Lower Upper

43 100

61 22.6 17.9 26.9

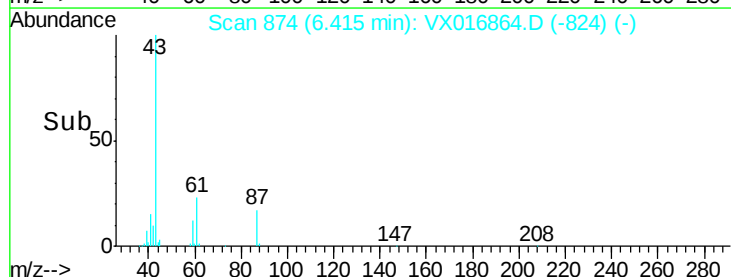
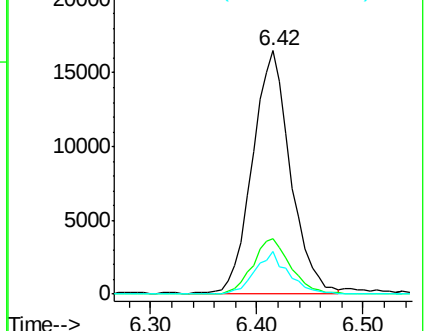
87 15.1 12.4 18.6

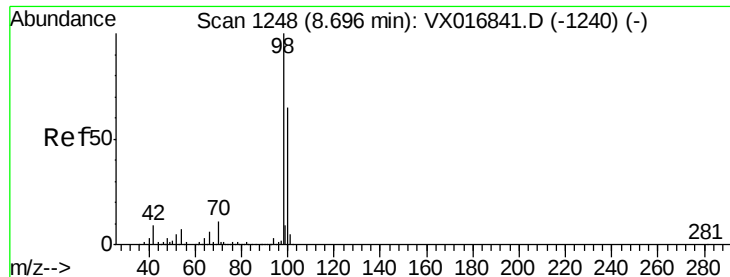


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 52.955 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016864.D

Acq: 19 Jun 2020 01:48

Instrument :

MSVOA_X

ClientSampleId :

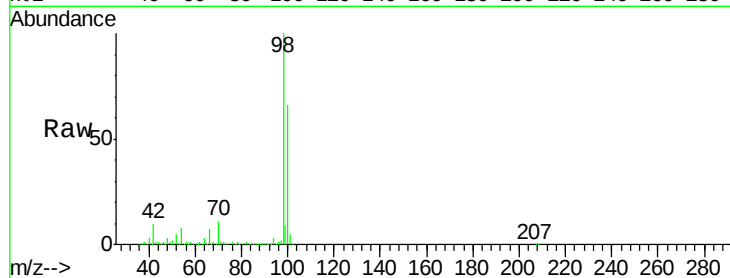
ISS-A-C

Tot Ion: 98 Resp: 499372

Ion Ratio Lower Upper

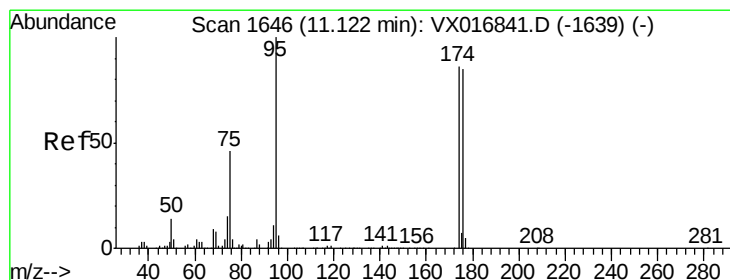
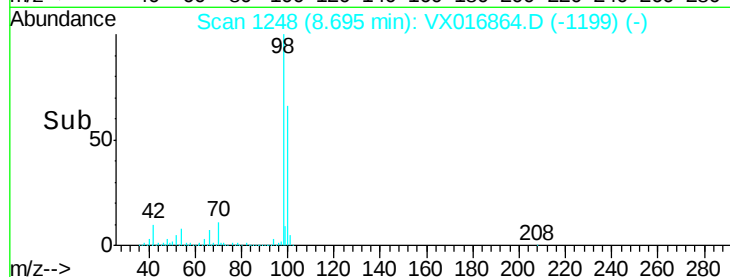
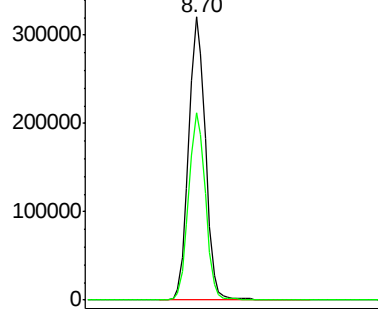
98 100

100 66.2 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 65.657 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016864.D

Acq: 19 Jun 2020 01:48

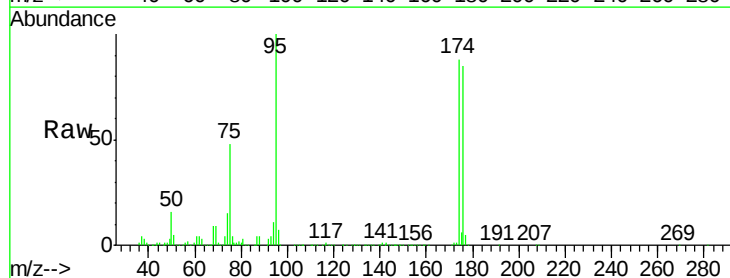
Tgt Ion: 95 Resp: 237222

Ion Ratio Lower Upper

95 100

174 84.7 0.0 174.2

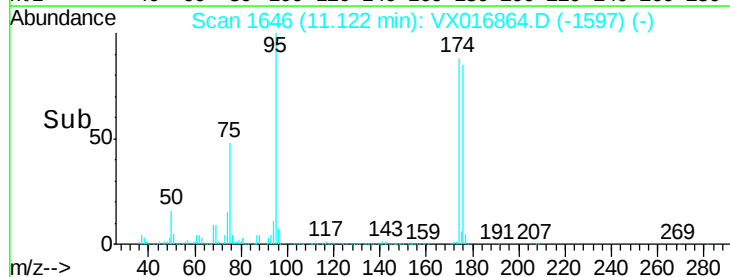
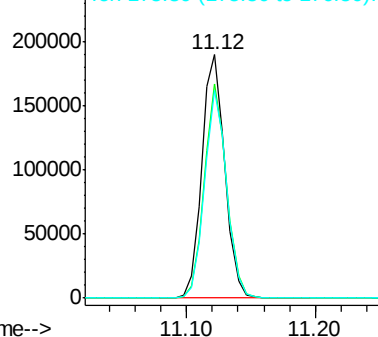
176 82.6 0.0 170.0

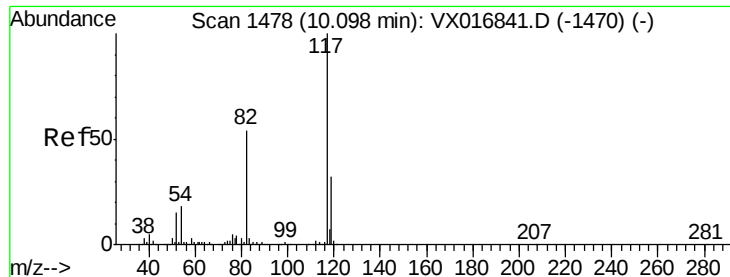


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

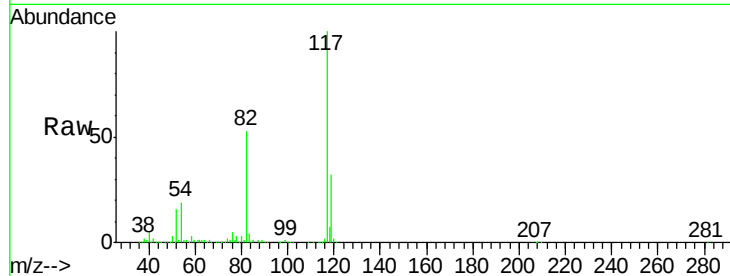




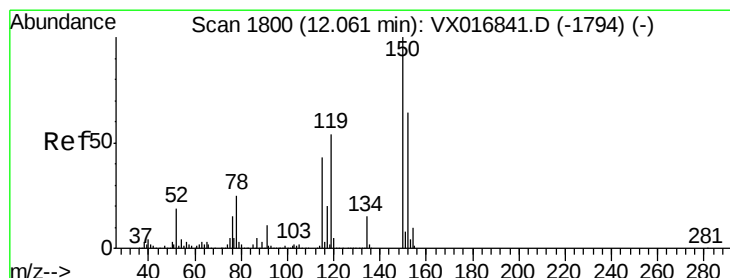
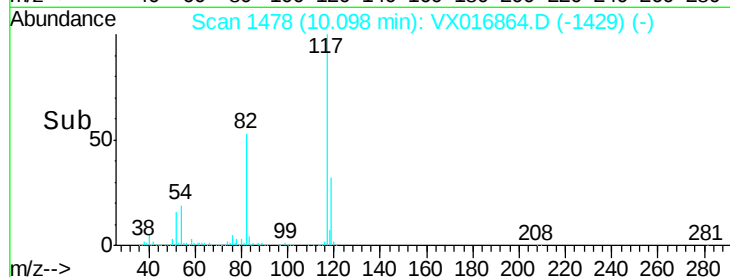
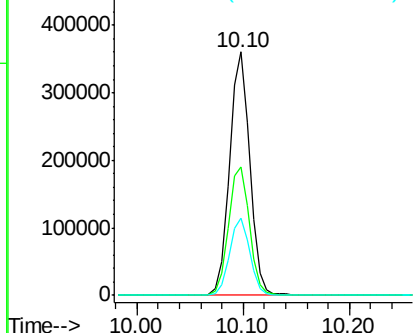
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016864.D
Acq: 19 Jun 2020 01:48

Instrument :
MSVOA_X
ClientSampleId :
ISS-A-C

Tot Ion:117 Resp: 481729
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.0
119 31.7 25.7 38.5

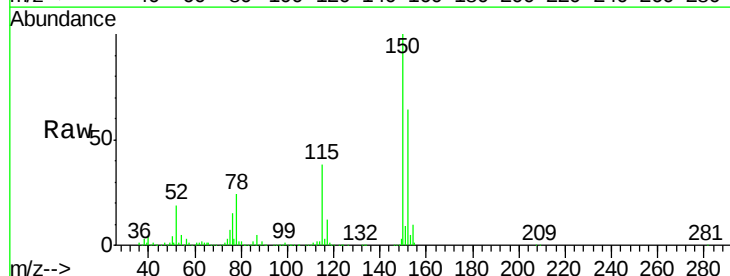


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

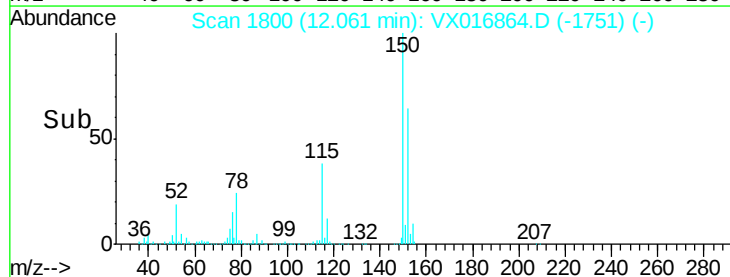
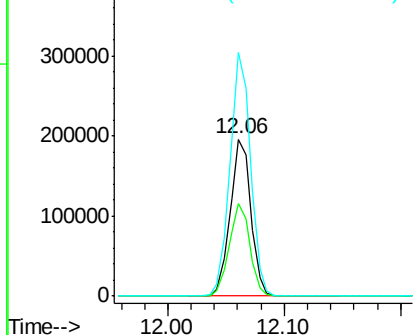


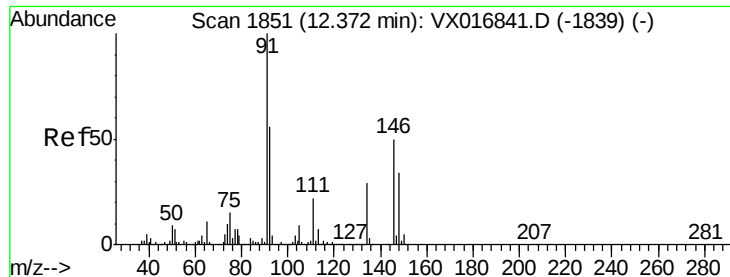
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016864.D
Acq: 19 Jun 2020 01:48

Tgt Ion:152 Resp: 241810
Ion Ratio Lower Upper
152 100
115 58.5 40.9 122.8
150 154.7 0.0 344.2



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





#89

n-Butylbenzene

Concen: 3.095 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016864.D

Acq: 19 Jun 2020 01:48

Instrument :

MSVOA_X

ClientSampleId :

ISS-A-C

Tot Ion: 91 Resp: 1168

Ion Ratio Lower Upper

91 100

92 53.3 27.4 82.2

134 27.7 13.9 41.6

