

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016908.D
 Acq On : 20 Jun 2020 05:07
 Operator : JC/SP
 Sample : L3063-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-6B

Quant Time: Jun 22 07:20:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

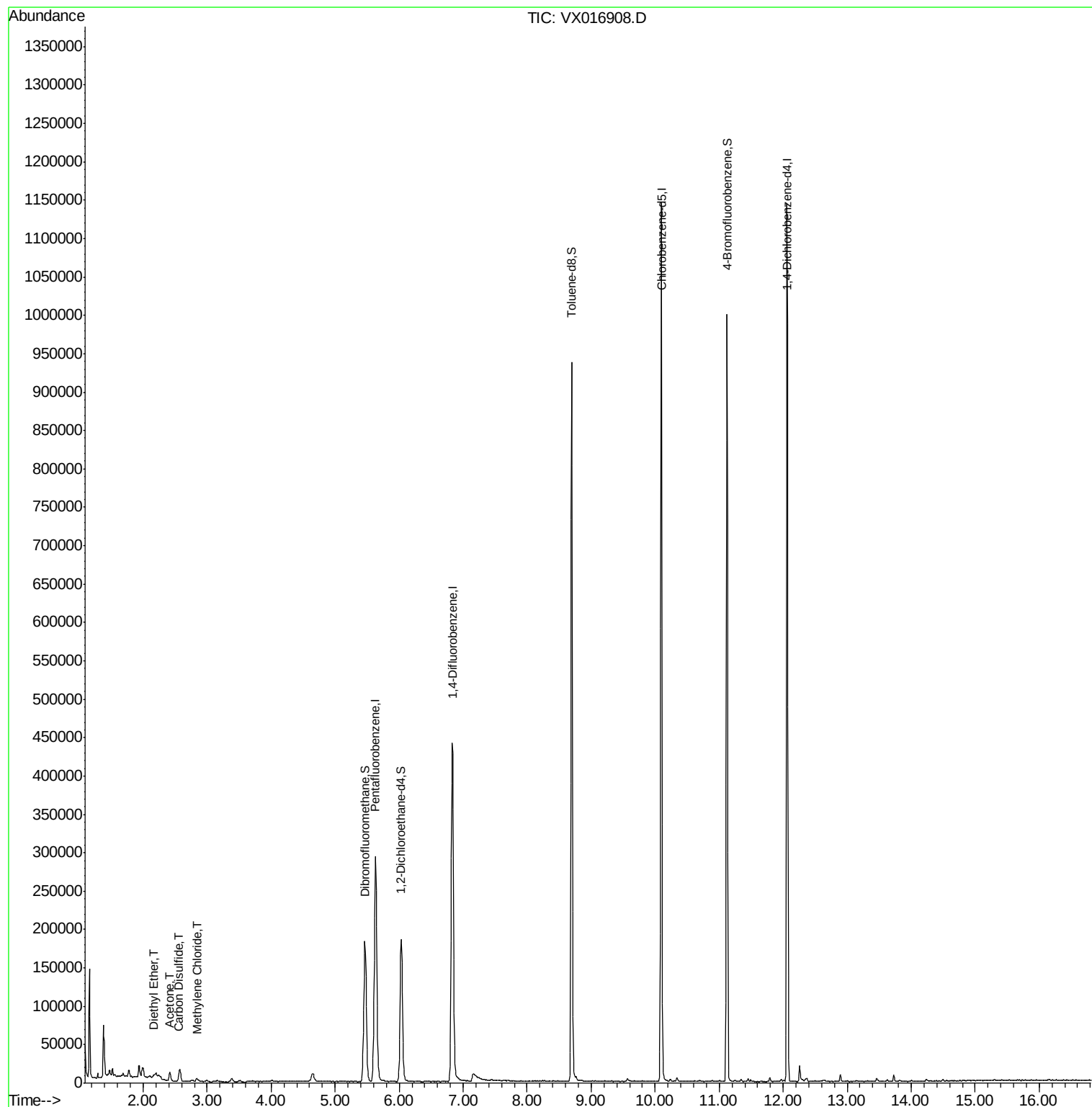
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	297744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	463622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	541500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	249638	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	174722	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
35) Dibromofluoromethane	5.46	113	161057	54.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.60%	
50) Toluene-d8	8.70	98	555950	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
62) 4-Bromofluorobenzene	11.12	95	265198	58.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.66%	
Target Compounds						
8) Diethyl Ether	2.17	74	1485	0.654	ug/l	75
16) Acetone	2.42	43	11568	8.899	ug/l	100
17) Carbon Disulfide	2.55	76	4463	0.543	ug/l #	93
20) Methylene Chloride	2.83	84	2041	0.655	ug/l	98

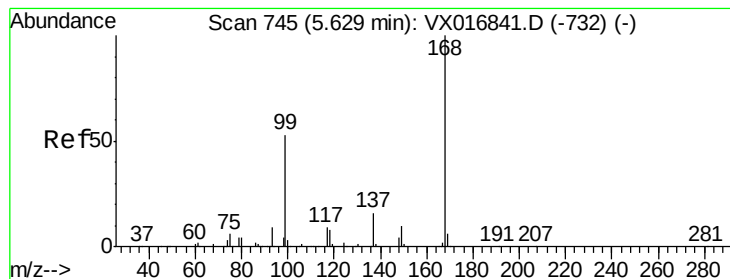
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016908.D

Acq: 20 Jun 2020 05:07

Instrument :

MSVOA_X

ClientSampleId :

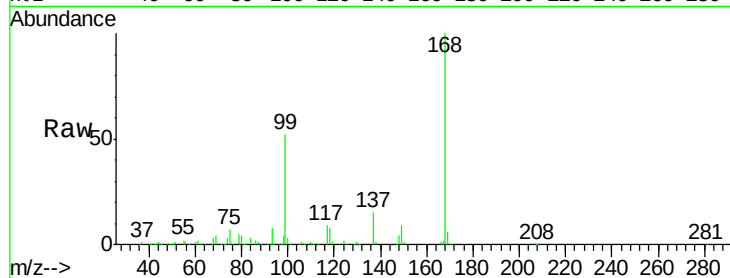
TW-6B

Tot Ion:168 Resp: 297744

Ion Ratio Lower Upper

168 100

99 51.9 42.2 63.2



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

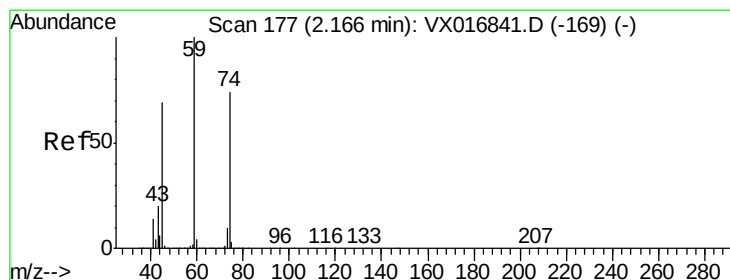
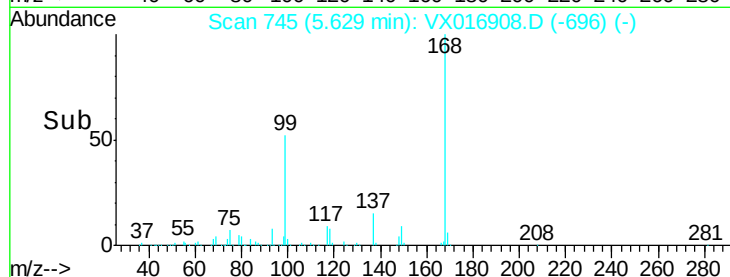
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 0.654 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX016908.D

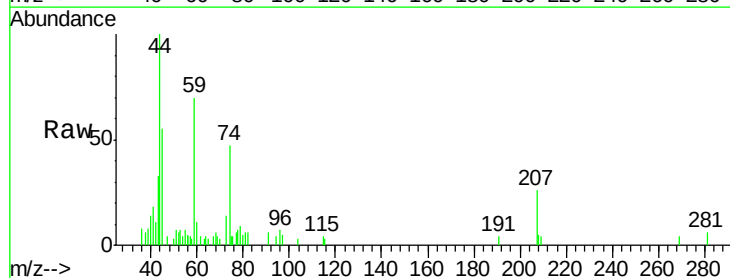
Acq: 20 Jun 2020 05:07

Tgt Ion: 74 Resp: 1485

Ion Ratio Lower Upper

74 100

45 67.3 45.3 135.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

1200

1000

800

600

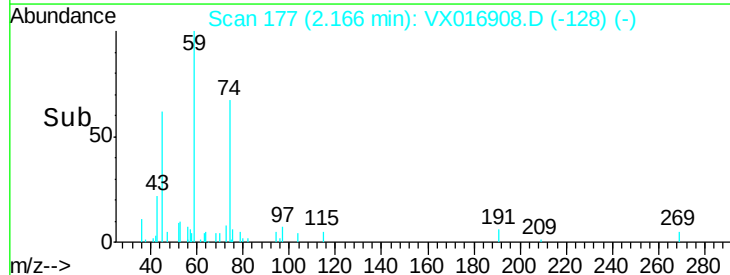
400

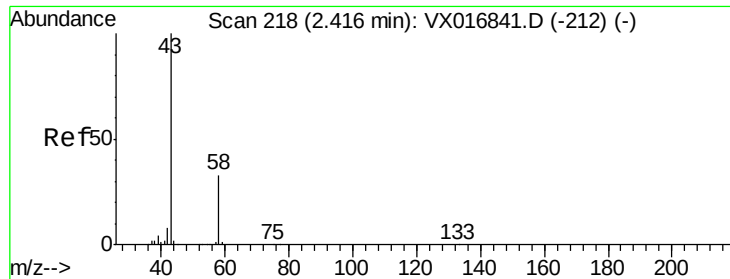
200

0

Time-->

2.10 2.15 2.20





#16

Acetone

Concen: 8.899 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016908.D

Acq: 20 Jun 2020 05:07

Instrument :

MSVOA_X

ClientSampleId :

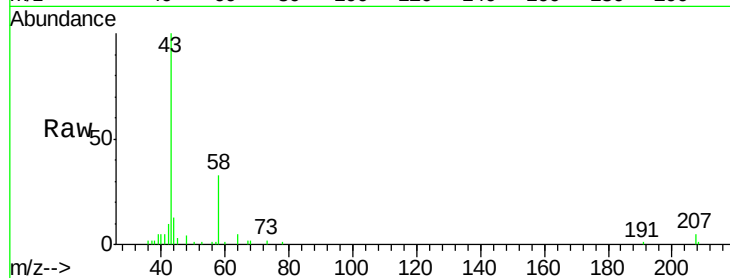
TW-6B

Tot Ion: 43 Resp: 11568

Ion Ratio Lower Upper

43 100

58 33.4 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

6000

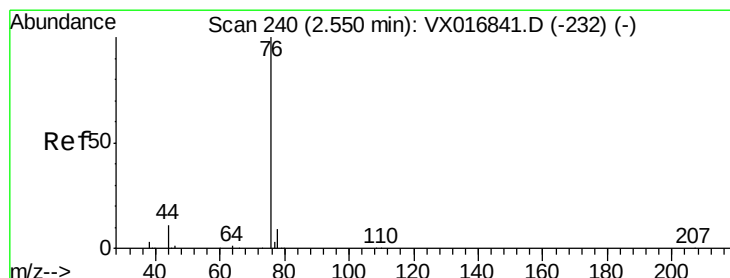
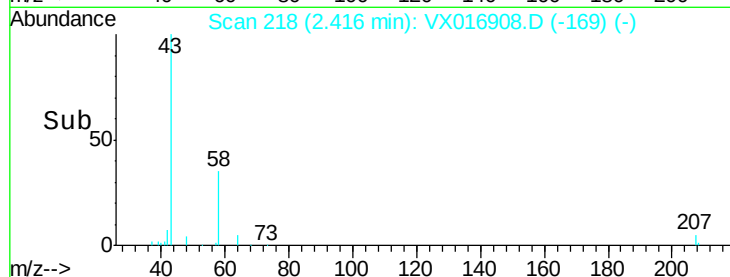
4000

2000

0

Time-->

2.35 2.40 2.45 2.50 2.55



#17

Carbon Disulfide

Concen: 0.543 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016908.D

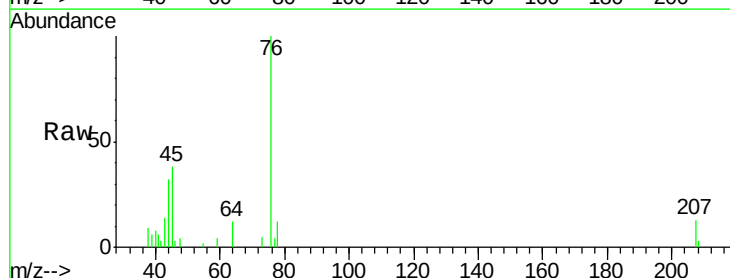
Acq: 20 Jun 2020 05:07

Tgt Ion: 76 Resp: 4463

Ion Ratio Lower Upper

76 100

78 12.1 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

2500

2000

1500

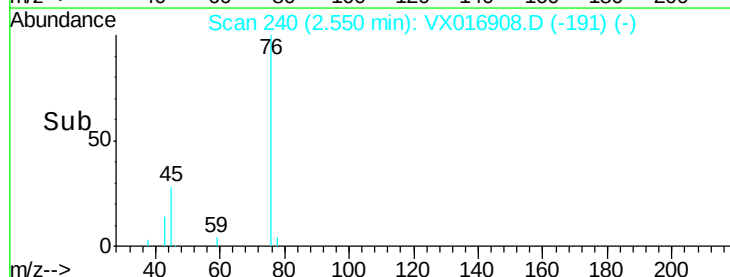
1000

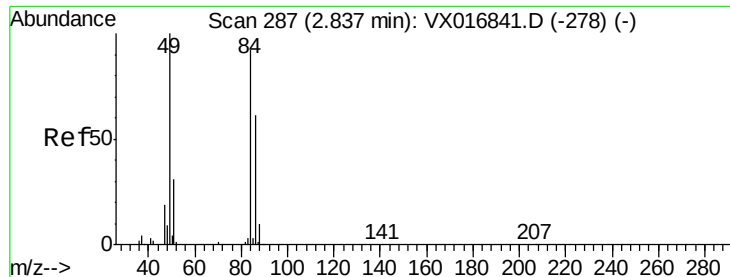
500

0

Time-->

2.50 2.55 2.60

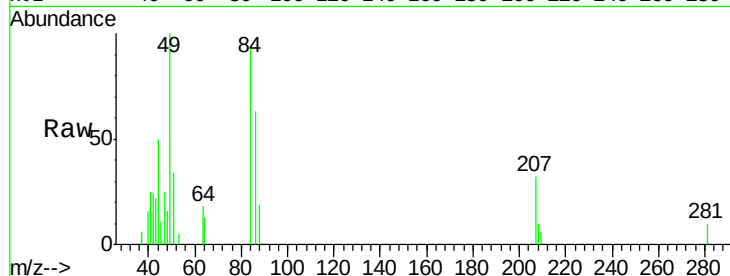




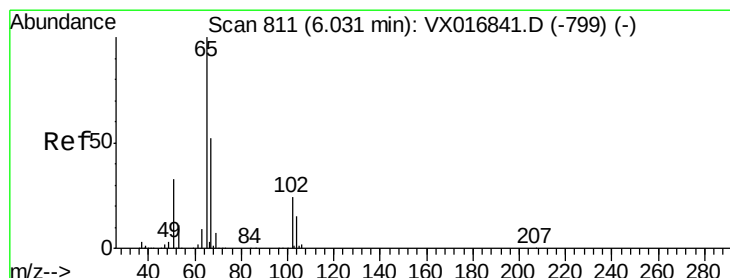
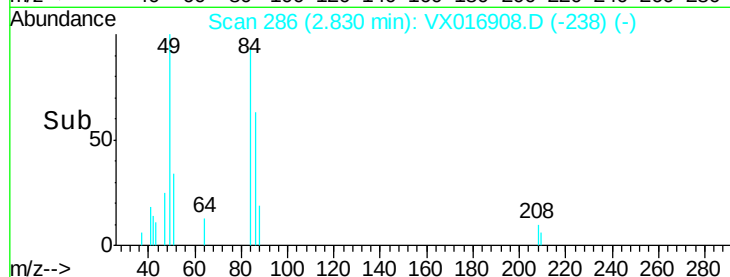
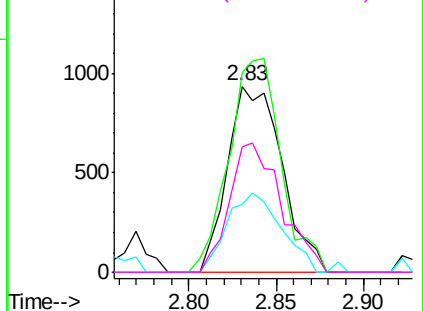
#20
Methylene Chloride
Concen: 0.655 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016908.D
Acq: 20 Jun 2020 05:07

Instrument :
MSVOA_X
ClientSampled :
TW-6B

Tot Ion:	84	Resp:	2041
Ion	Ratio	Lower	Upper
84	100		
49	107.4	86.6	129.8
51	36.8	27.1	40.7
86	67.2	53.1	79.7

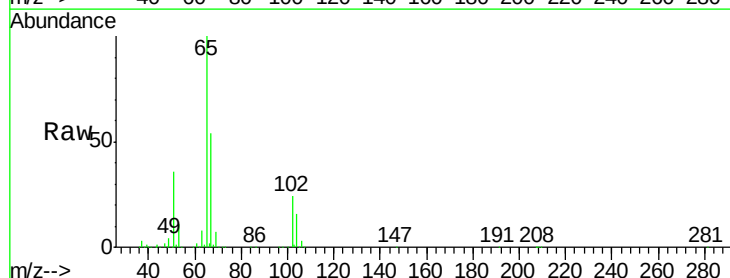


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

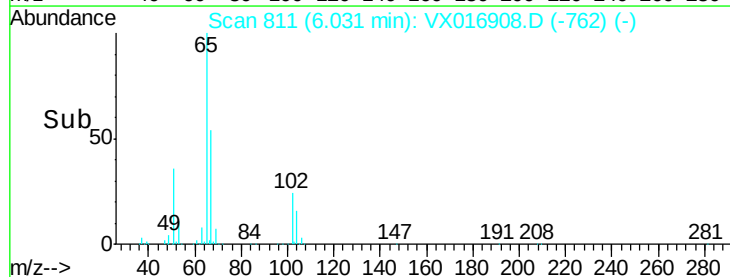
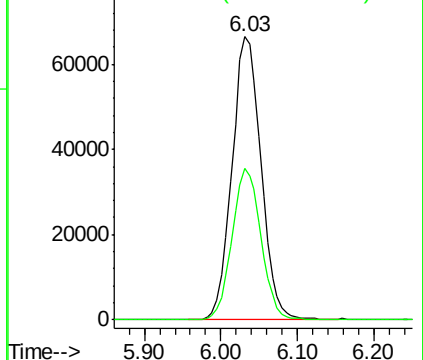


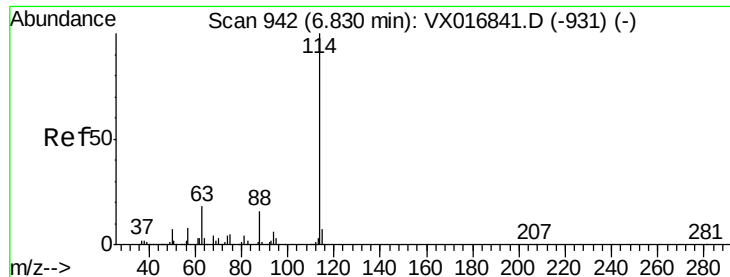
#33
1,2-Dichloroethane-d4
Concen: 48.793 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016908.D
Acq: 20 Jun 2020 05:07

Tgt Ion:	65	Resp:	174722
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

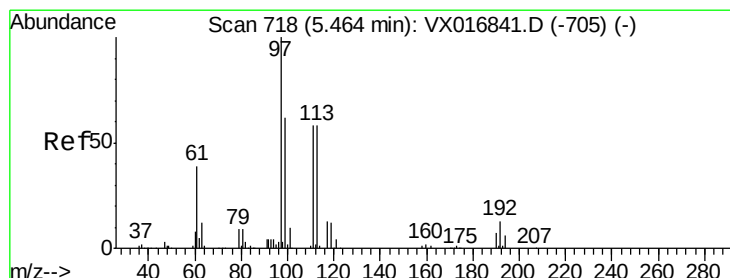
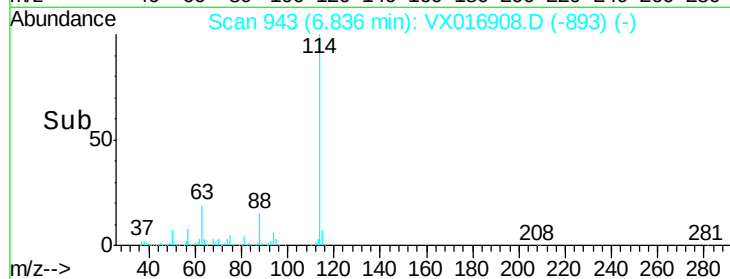
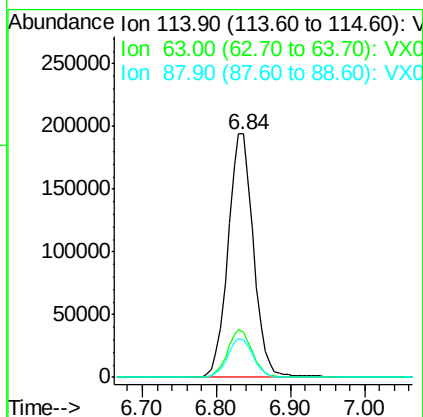
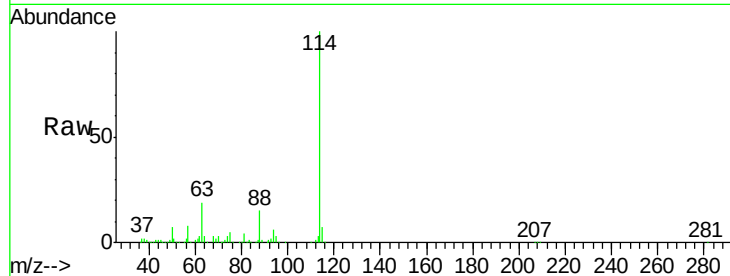




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016908.D
 Acq: 20 Jun 2020 05:07

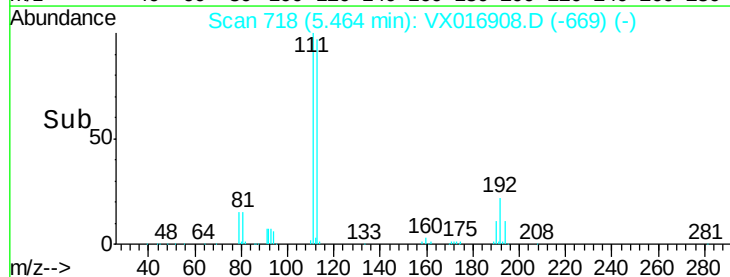
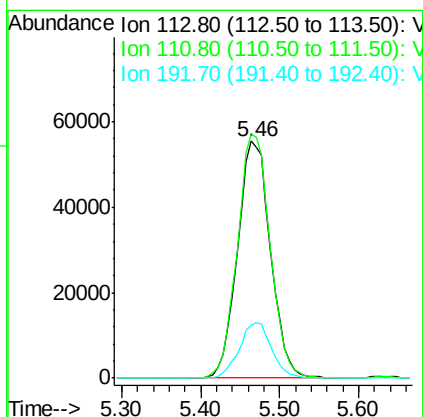
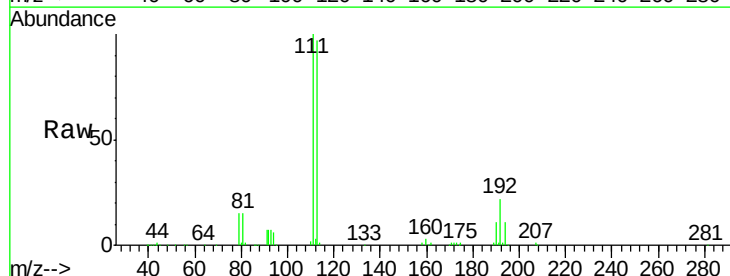
Instrument :
 MSVOA_X
 ClientSampled :
 TW-6B

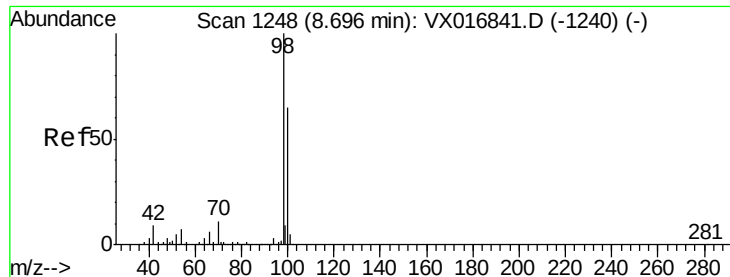
Tot Ion:114 Resp: 463622
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.0
 88 15.4 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 54.305 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016908.D
 Acq: 20 Jun 2020 05:07

Tgt Ion:113 Resp: 161057
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.0 121.4
 192 23.0 18.5 27.7





#50

Toluene-d8

Concen: 46.853 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016908.D

Acq: 20 Jun 2020 05:07

Instrument :

MSVOA_X

ClientSampleId :

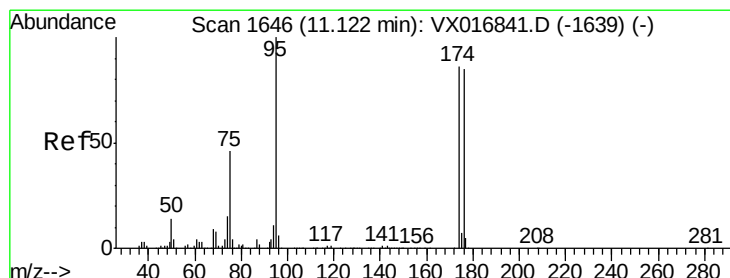
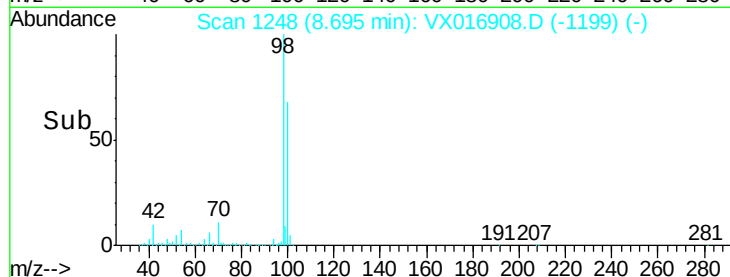
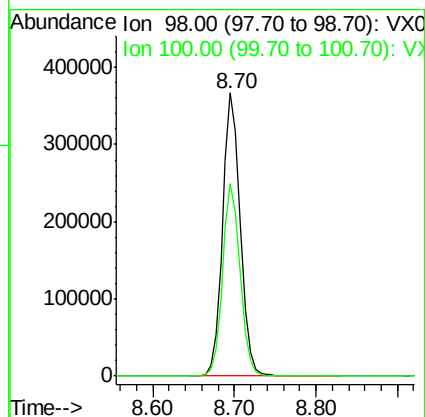
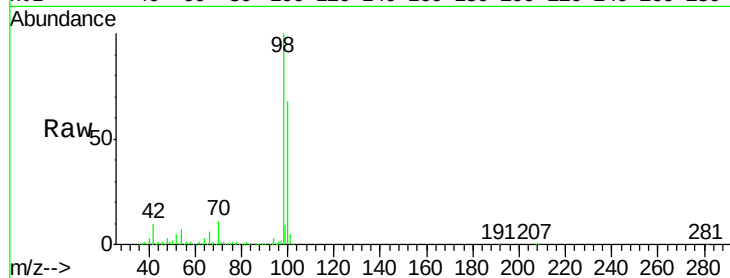
TW-6B

Tot Ion: 98 Resp: 555950

Ion Ratio Lower Upper

98 100

100 67.5 54.0 81.0



#62

4-Bromofluorobenzene

Concen: 58.333 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016908.D

Acq: 20 Jun 2020 05:07

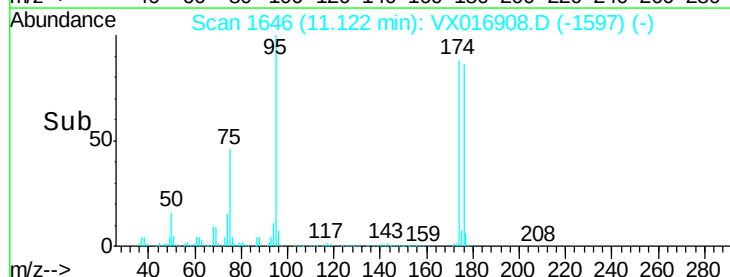
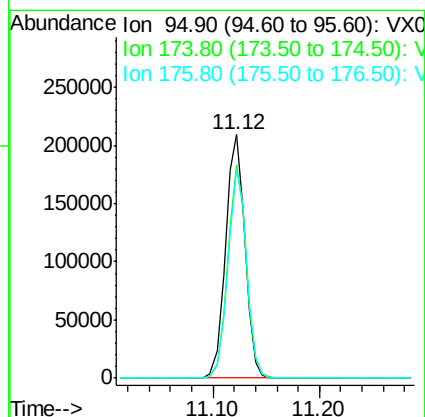
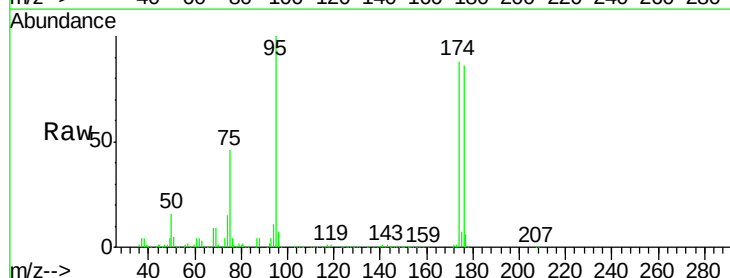
Tgt Ion: 95 Resp: 265198

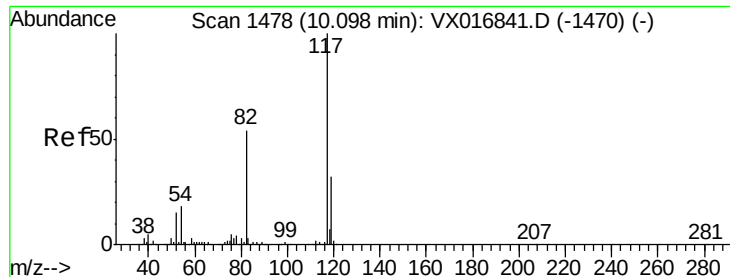
Ion Ratio Lower Upper

95 100

174 84.5 0.0 174.2

176 83.5 0.0 170.0

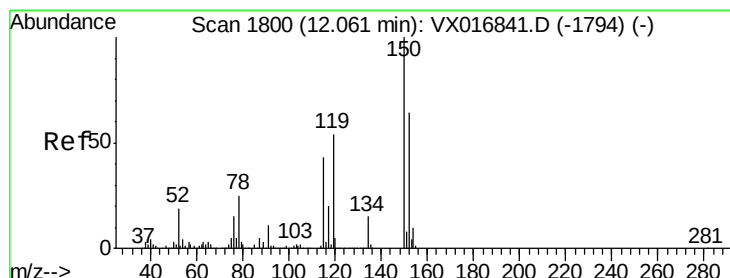
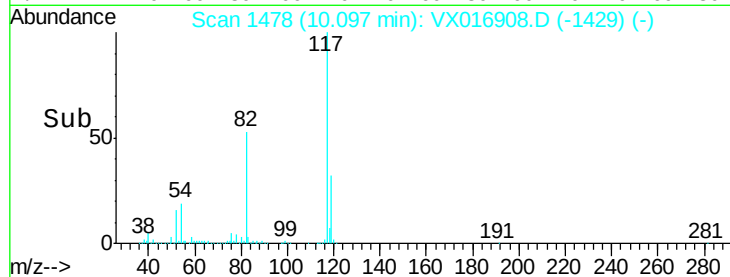
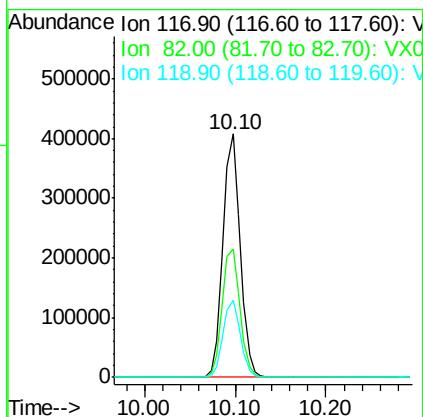
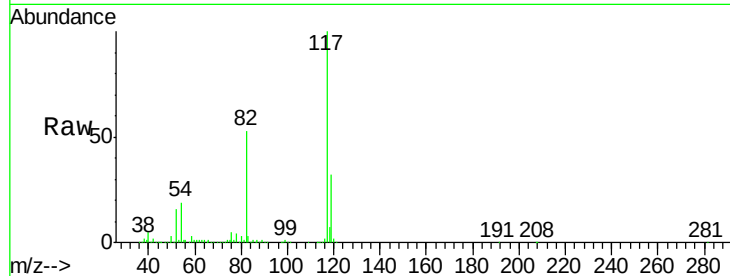




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016908.D
Acq: 20 Jun 2020 05:07

Instrument :
MSVOA_X
ClientSampled :
TW-6B

Tot Ion:117 Resp: 541500
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016908.D
Acq: 20 Jun 2020 05:07

Tgt Ion:152 Resp: 249638
Ion Ratio Lower Upper
152 100
115 57.3 40.9 122.8
150 153.9 0.0 344.2

