

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016912.D
 Acq On : 20 Jun 2020 06:38
 Operator : JC/SP
 Sample : L3066-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB_061820

Quant Time: Jun 22 07:37:14 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

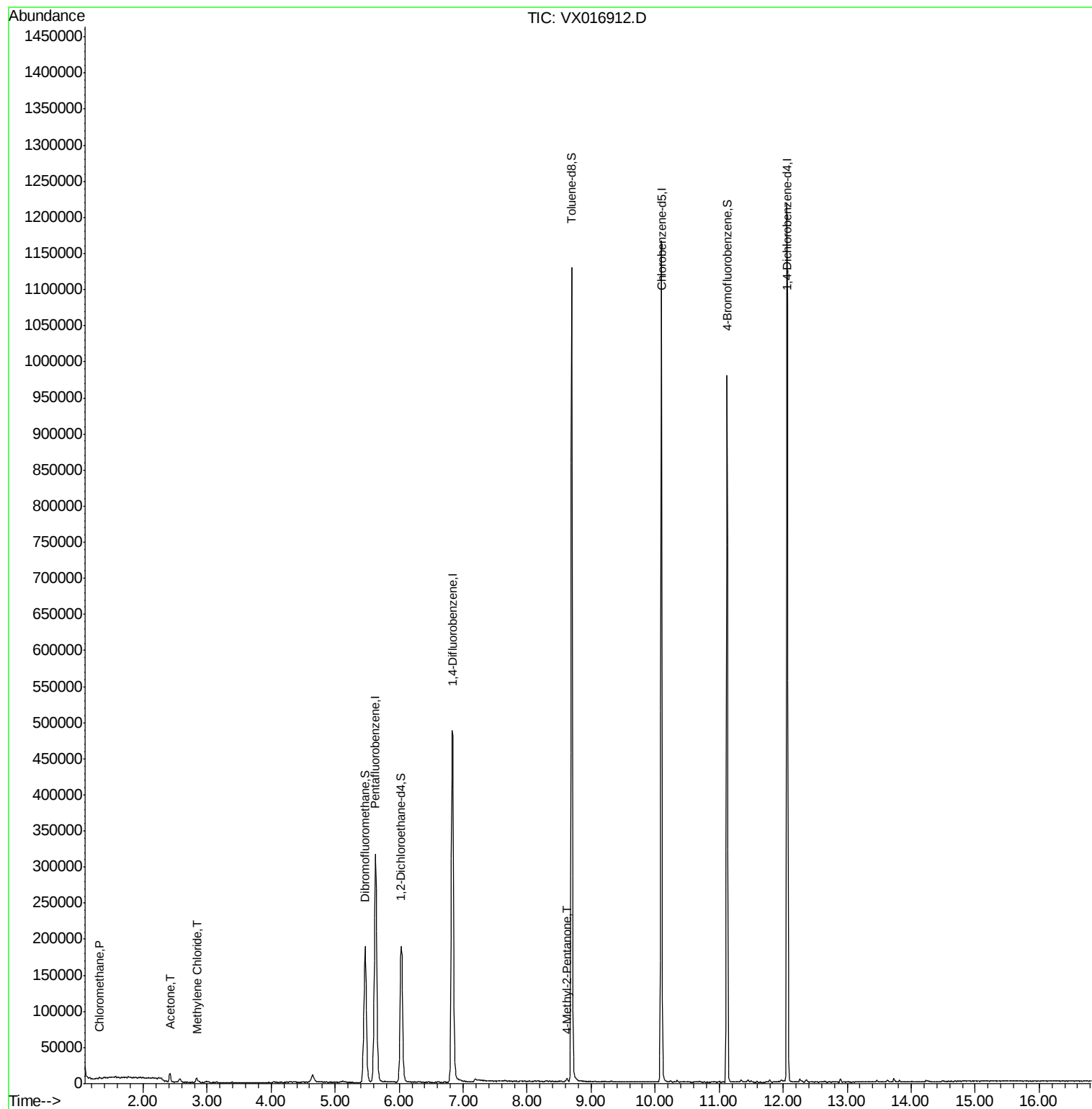
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	314314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	515398	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	543443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	268064	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	185902	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
35) Dibromofluoromethane	5.47	113	161698	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	8.70	98	672445	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.12	95	257439	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
Target Compounds						
3) Chloromethane	1.31	50	1309	0.335	ug/l	96
16) Acetone	2.42	43	12691	9.248	ug/l	98
20) Methylene Chloride	2.84	84	3222	0.979	ug/l #	78
51) 4-Methyl-2-Pentanone	8.62	43	2838	0.643	ug/l	88

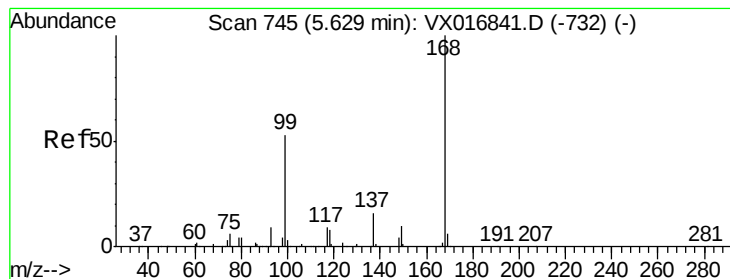
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016912.D

Acq: 20 Jun 2020 06:38

Instrument :

MSVOA_X

ClientSampleId :

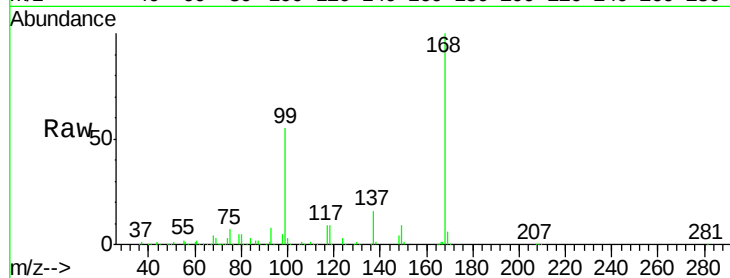
EB_061820

Tot Ion:168 Resp: 314314

Ion Ratio Lower Upper

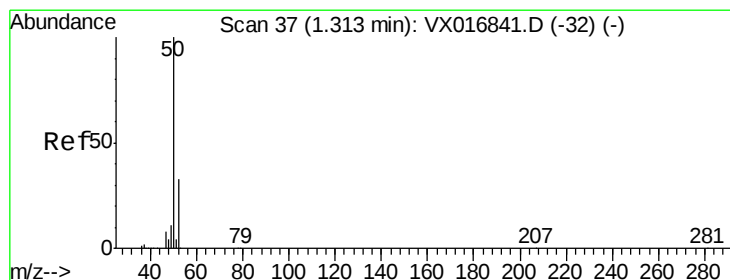
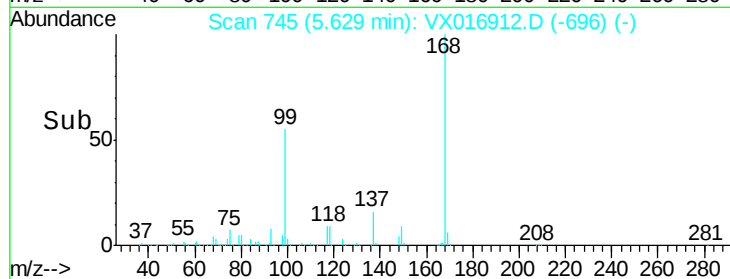
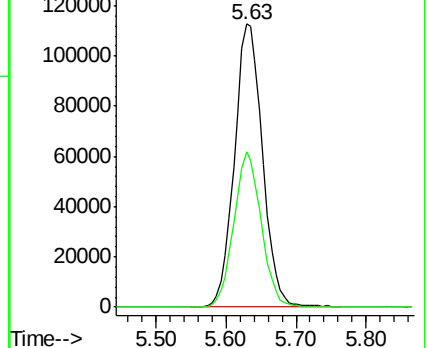
168 100

99 54.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.335 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016912.D

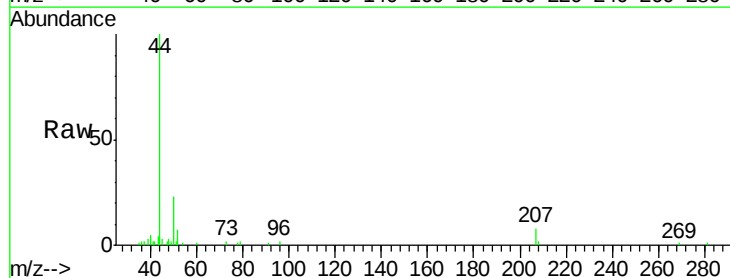
Acq: 20 Jun 2020 06:38

Tgt Ion: 50 Resp: 1309

Ion Ratio Lower Upper

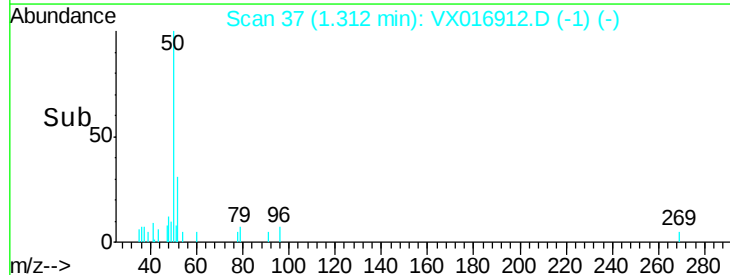
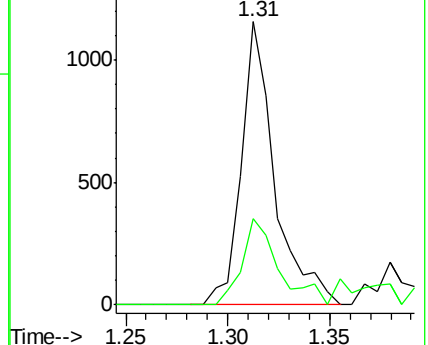
50 100

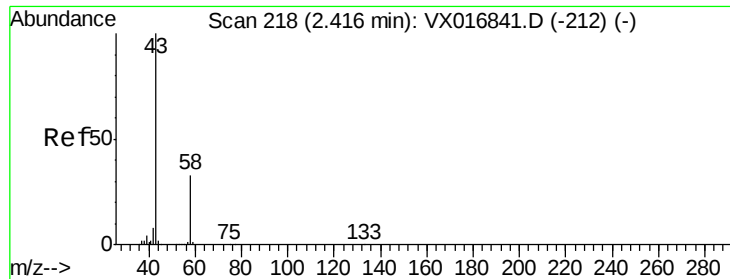
52 30.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 9.248 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016912.D

Acq: 20 Jun 2020 06:38

Instrument :

MSVOA_X

ClientSampleId :

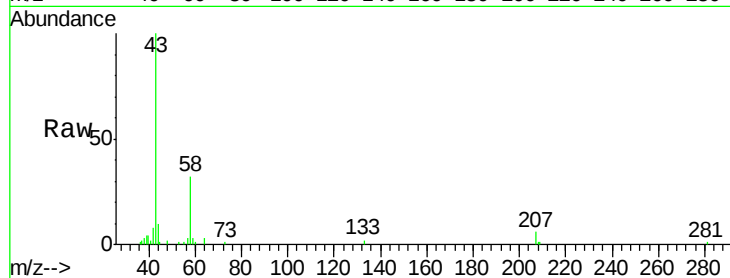
EB_061820

Tot Ion: 43 Resp: 12691

Ion Ratio Lower Upper

43 100

58 31.9 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

8000

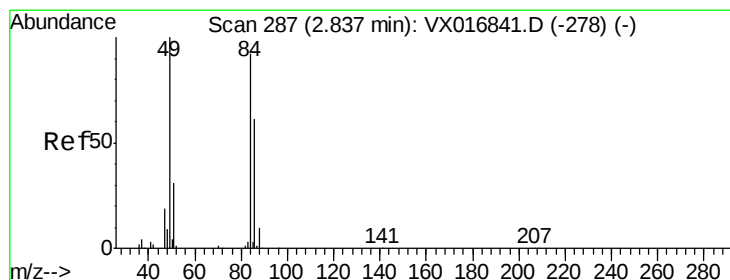
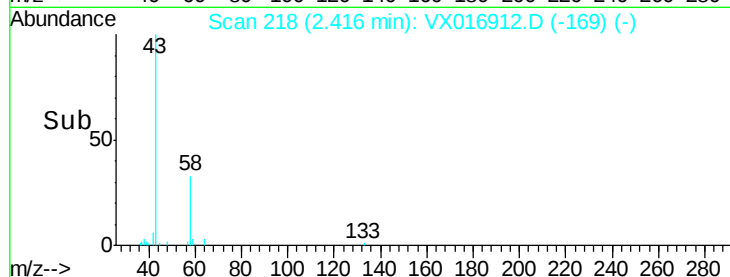
6000

4000

2000

0

Time--> 2.30 2.40 2.50



#20

Methylene Chloride

Concen: 0.979 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX016912.D

Acq: 20 Jun 2020 06:38

Tgt Ion: 84 Resp: 3222

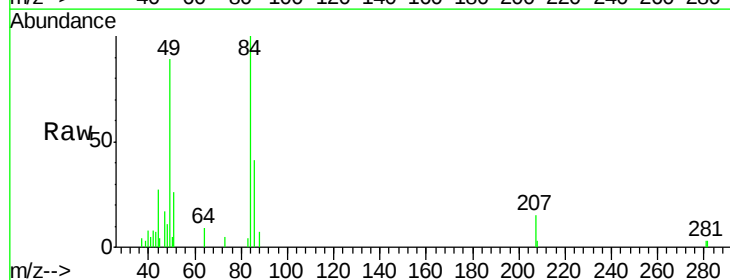
Ion Ratio Lower Upper

84 100

49 88.5 86.6 129.8

51 26.2 27.1 40.7#

86 41.0 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

3000

2500

2000

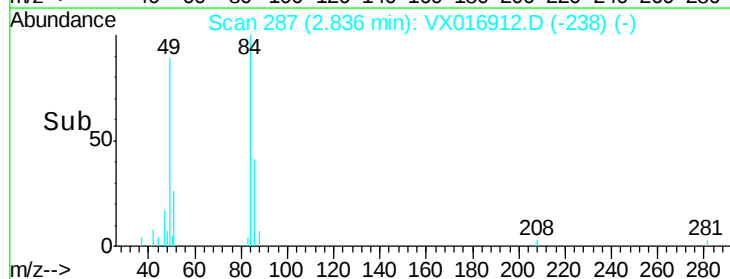
1500

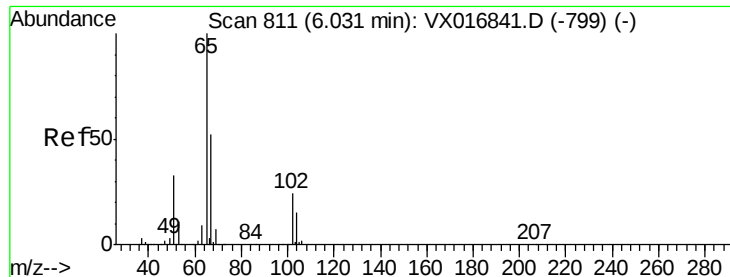
1000

500

0

Time--> 2.75 2.80 2.85 2.90





#33

1,2-Dichloroethane-d4

Concen: 49.178 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016912.D

Acq: 20 Jun 2020 06:38

Instrument :

MSVOA_X

ClientSampleId :

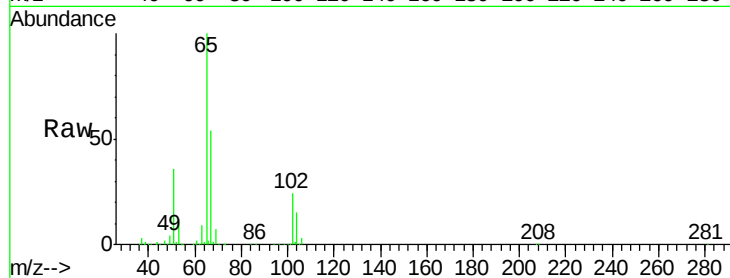
EB_061820

Tot Ion: 65 Resp: 185902

Ion Ratio Lower Upper

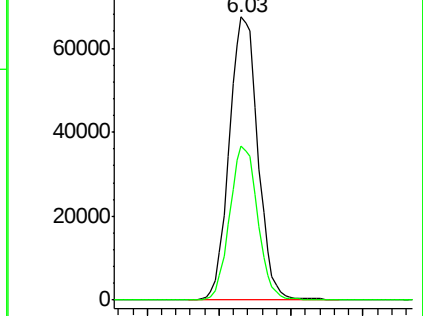
65 100

67 53.4 0.0 102.6

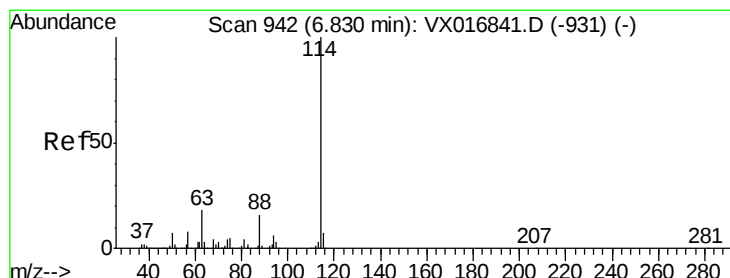
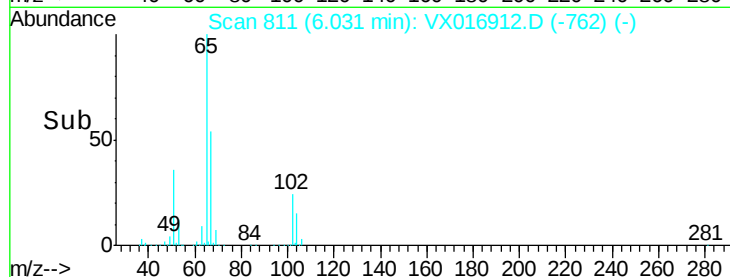


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016912.D

Acq: 20 Jun 2020 06:38

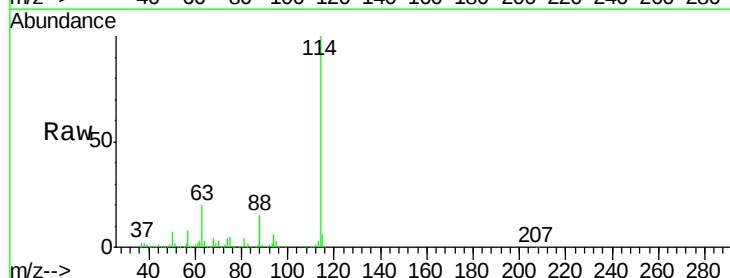
Tgt Ion: 114 Resp: 515398

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.0

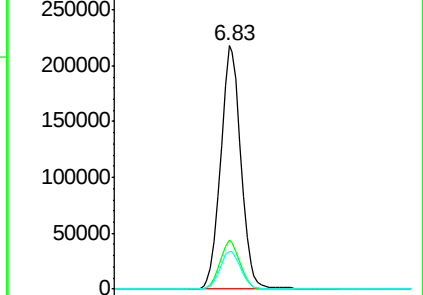
88 15.3 0.0 32.0



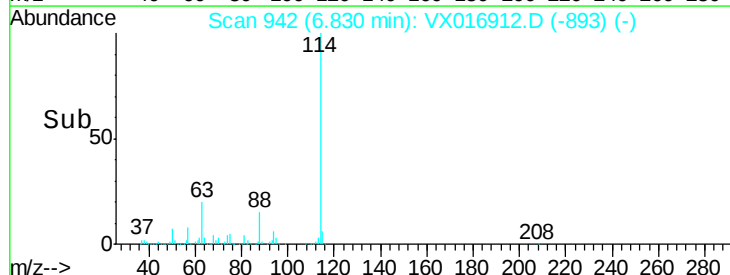
Abundance Ion 113.90 (113.60 to 114.60): V

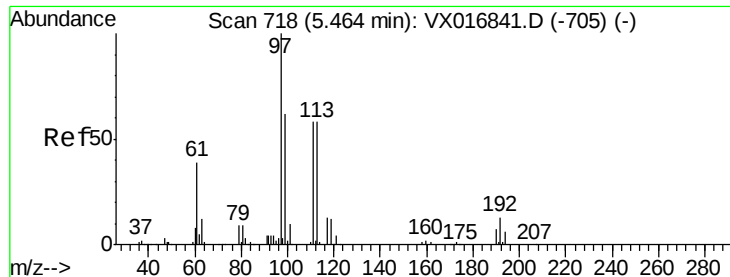
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->

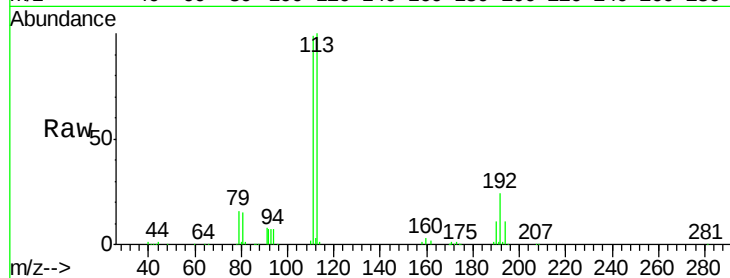




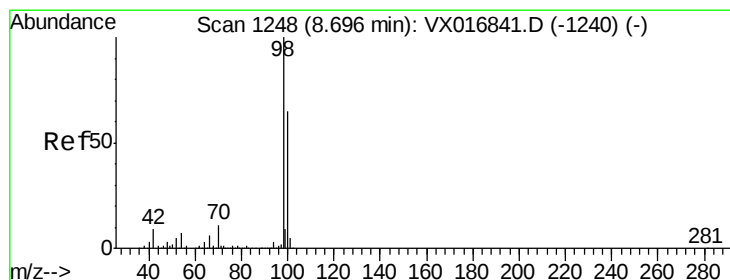
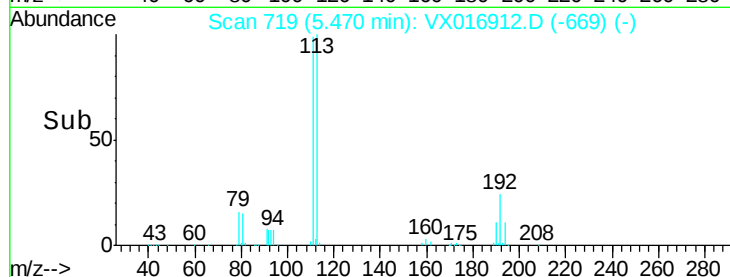
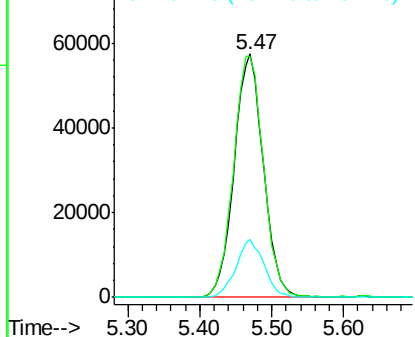
#35
Dibromofluoromethane
Concen: 49.044 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016912.D
Acq: 20 Jun 2020 06:38

Instrument :
MSVOA_X
ClientSampleId :
EB_061820

Tot Ion:113 Resp: 161698
Ion Ratio Lower Upper
113 100
111 101.6 81.0 121.4
192 22.8 18.5 27.7

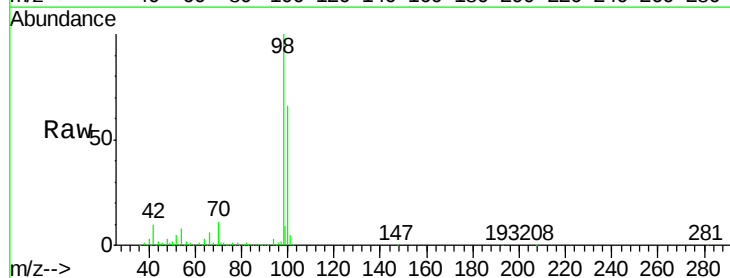


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

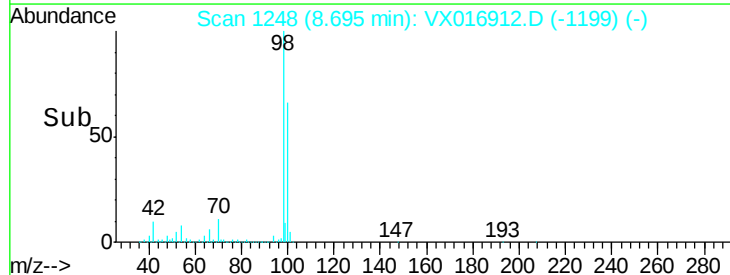
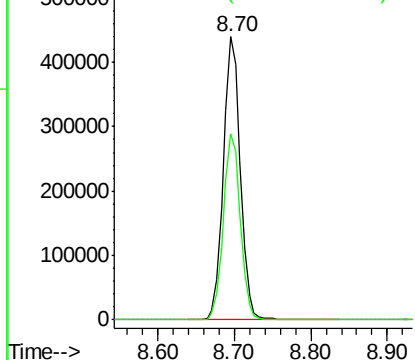


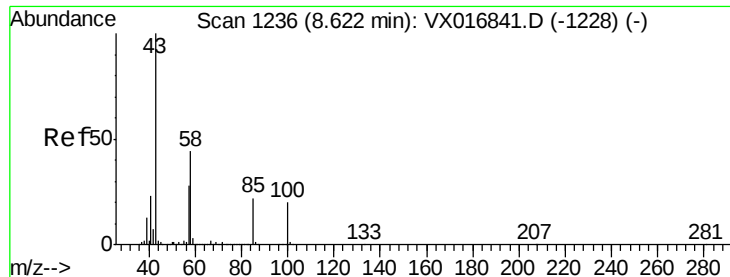
#50
Toluene-d8
Concen: 50.978 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016912.D
Acq: 20 Jun 2020 06:38

Tgt Ion: 98 Resp: 672445
Ion Ratio Lower Upper
98 100
100 66.1 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.643 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016912.D

Acq: 20 Jun 2020 06:38

Instrument :

MSVOA_X

ClientSampleId :

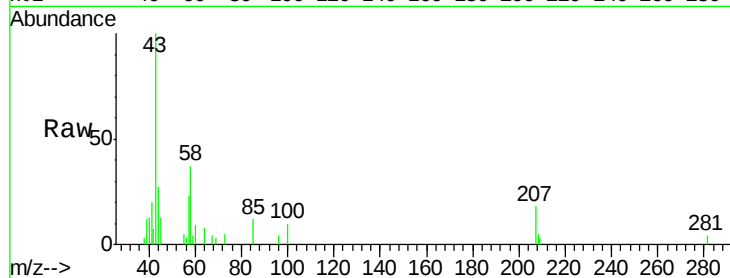
EB_061820

Tot Ion: 43 Resp: 2838

Ion Ratio Lower Upper

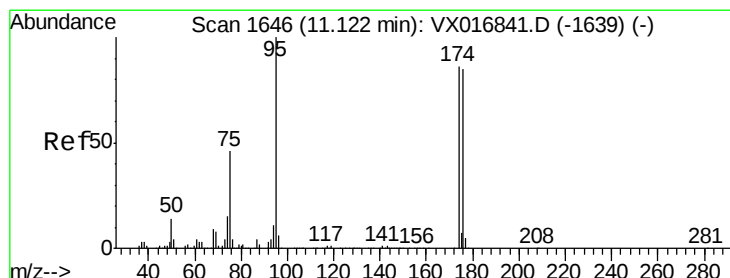
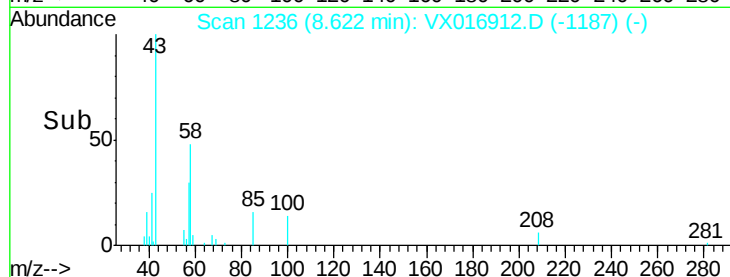
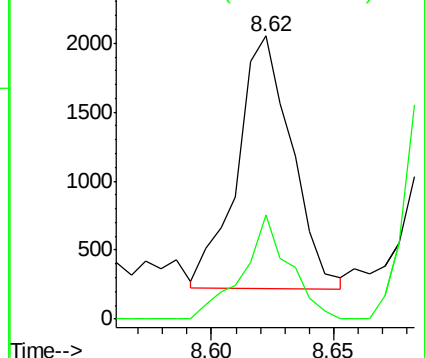
43 100

58 35.5 34.3 51.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 50.938 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016912.D

Acq: 20 Jun 2020 06:38

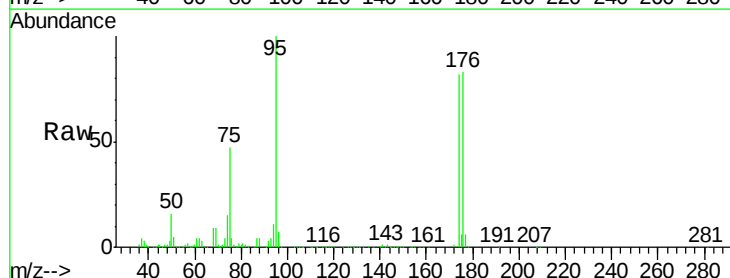
Tgt Ion: 95 Resp: 257439

Ion Ratio Lower Upper

95 100

174 84.7 0.0 174.2

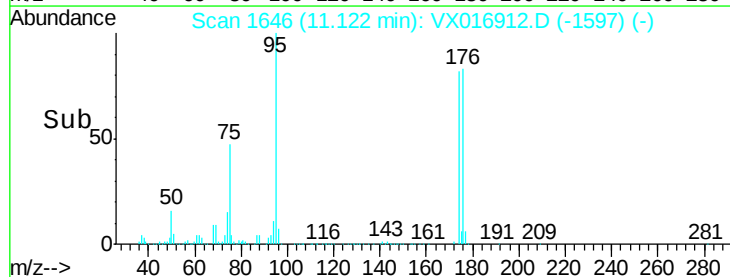
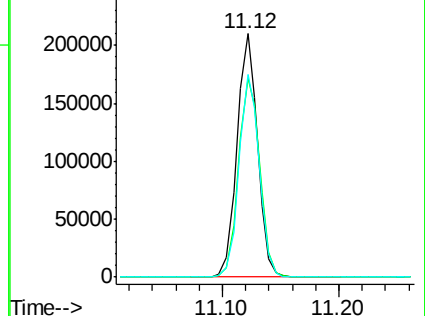
176 82.5 0.0 170.0

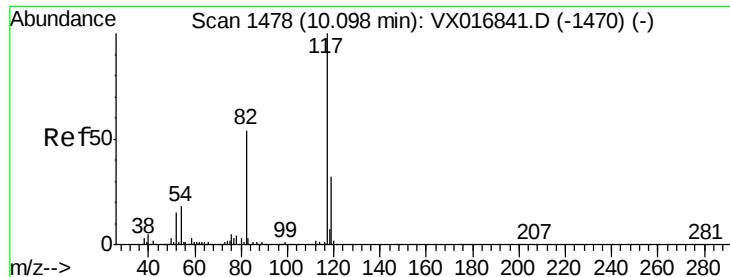


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

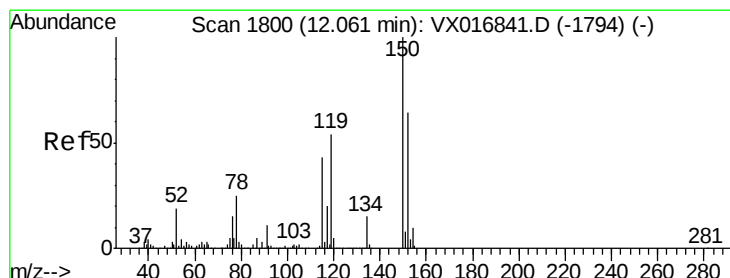
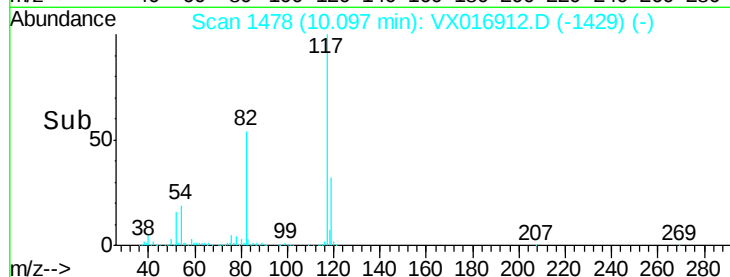
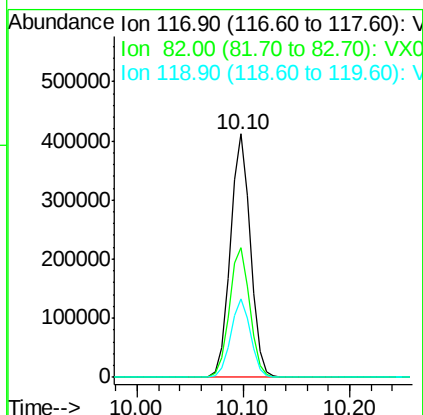
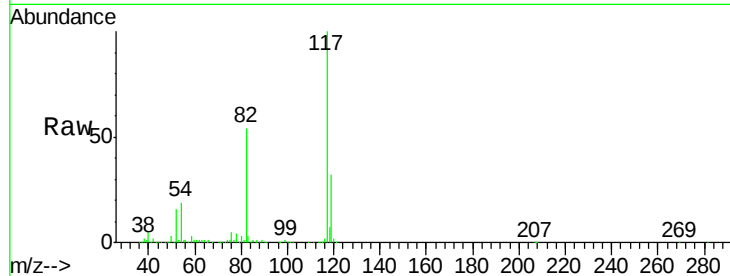




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016912.D
Acq: 20 Jun 2020 06:38

Instrument :
MSVOA_X
ClientSampled :
EB_061820

Tot Ion:117 Resp: 543443
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.0 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: VX016912.D
Acq: 20 Jun 2020 06:38

Tgt Ion:152 Resp: 268064
Ion Ratio Lower Upper
152 100
115 57.0 40.9 122.8
150 153.5 0.0 344.2

