

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080519\
 Data File : VX011330.D
 Acq On : 05 Aug 2019 16:50
 Operator : JC/SP
 Sample : K4130-27
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1S-F1-(30)

Quant Time: Aug 06 03:44:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

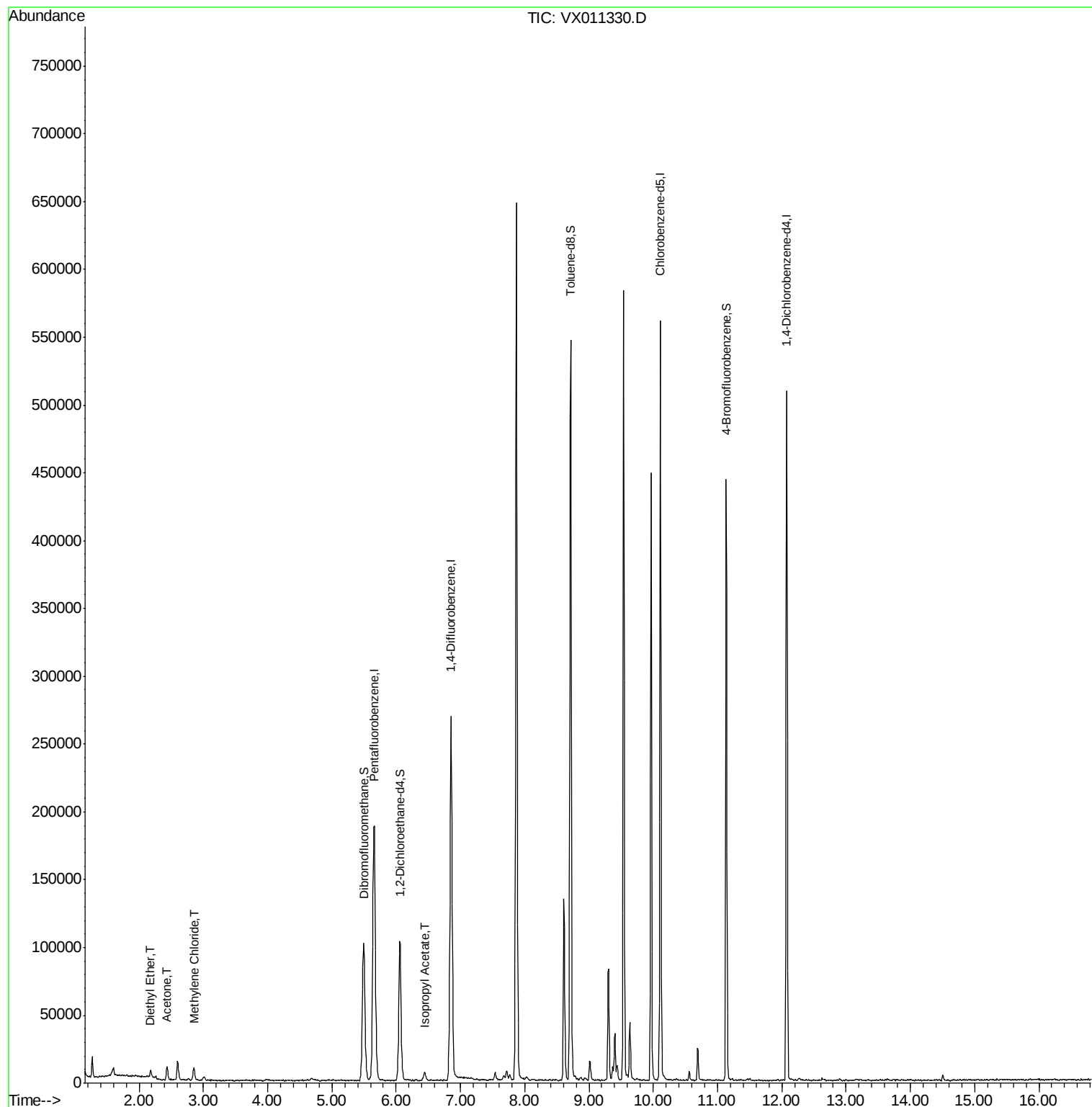
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	191613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	277012	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109483	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	93115	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
35) Dibromofluoromethane	5.49	113	82876	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.64%	
50) Toluene-d8	8.71	98	330075	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.13	95	103871	42.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.24%	
Target Compounds						
8) Diethyl Ether	2.18	74	2032	1.751	ug/l	93
16) Acetone	2.43	43	9837	10.710	ug/l	89
20) Methylene Chloride	2.85	84	4327	2.151	ug/l	92
43) Isopropyl Acetate	6.45	43	8793	2.267	ug/l	96

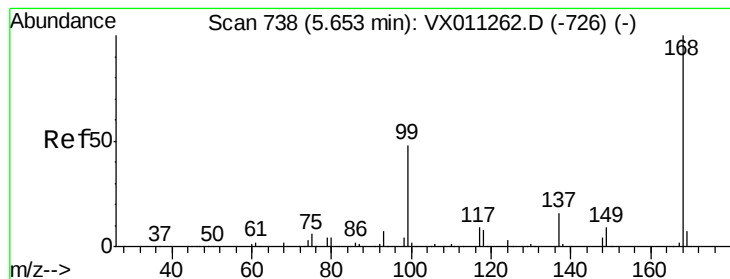
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011330.D

Acq: 05 Aug 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

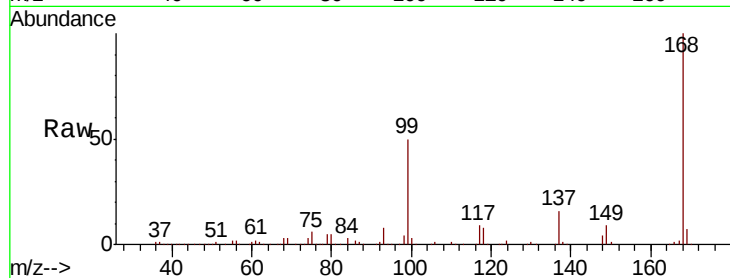
1S-F1-(30)

Tot Ion:168 Resp: 191613

Ion Ratio Lower Upper

168 100

99 49.8 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

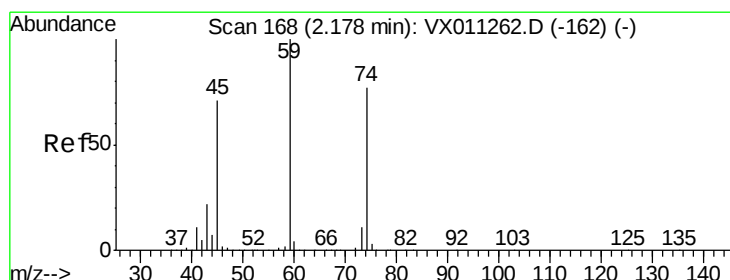
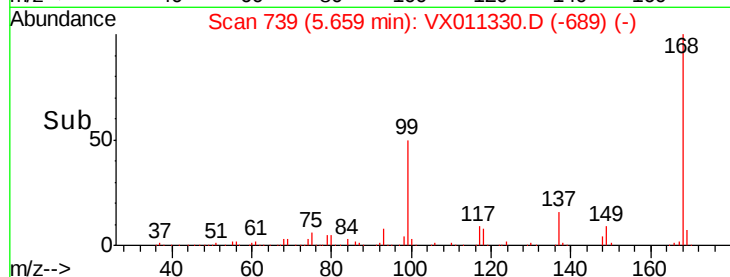
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 1.751 ug/l

RT: 2.18 min Scan# 168

Delta R.T. 0.00 min

Lab File: VX011330.D

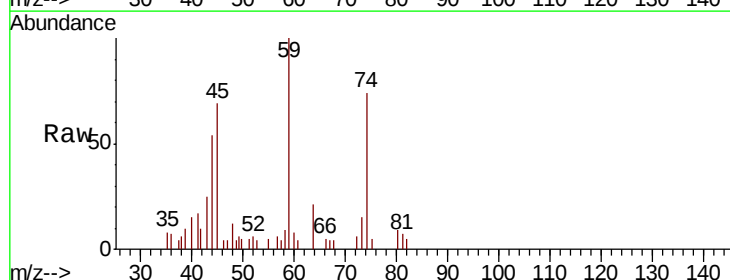
Acq: 05 Aug 2019 16:50

Tgt Ion: 74 Resp: 2032

Ion Ratio Lower Upper

74 100

45 85.5 46.1 138.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.18

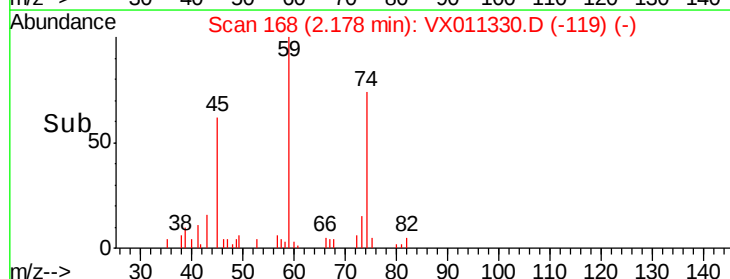
1000

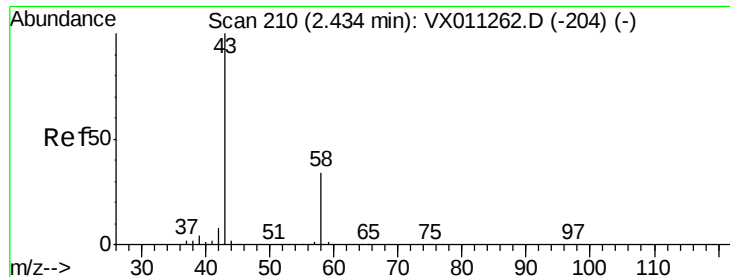
500

0

Time-->

2.15 2.20 2.25





#16

Acetone

Concen: 10.710 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011330.D

Acq: 05 Aug 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

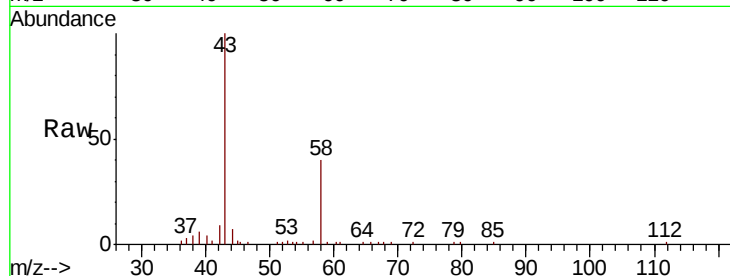
1S-F1-(30)

Tot Ion: 43 Resp: 9837

Ion Ratio Lower Upper

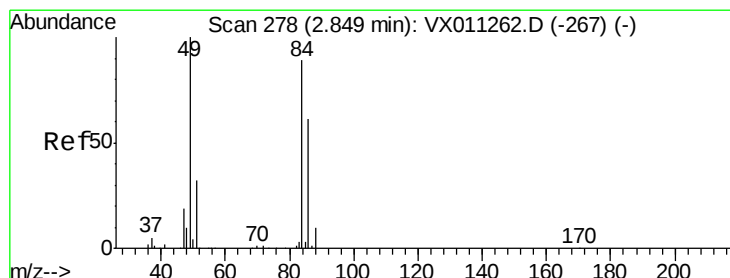
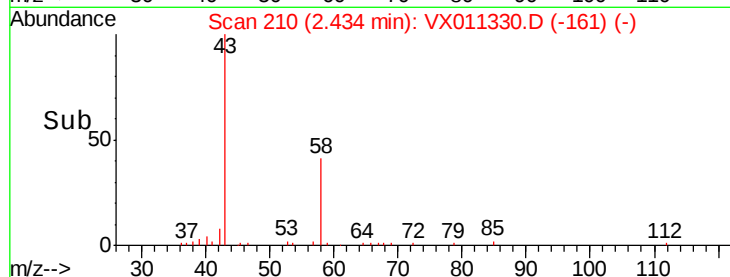
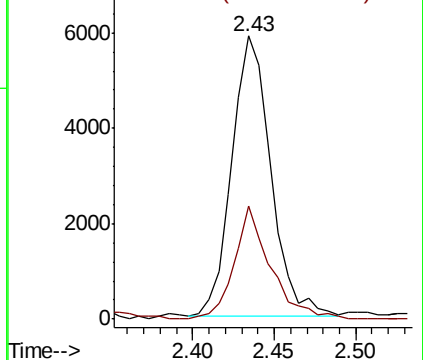
43 100

58 40.3 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 2.151 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011330.D

Acq: 05 Aug 2019 16:50

Tgt Ion: 84 Resp: 4327

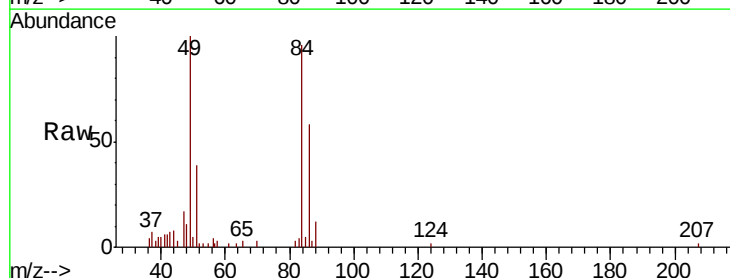
Ion Ratio Lower Upper

84 100

49 101.7 89.3 133.9

51 38.5 28.3 42.5

86 61.0 54.5 81.7

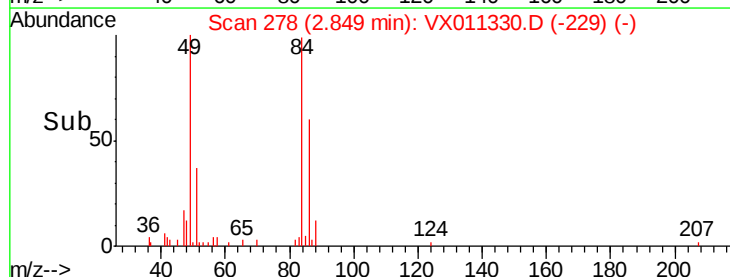
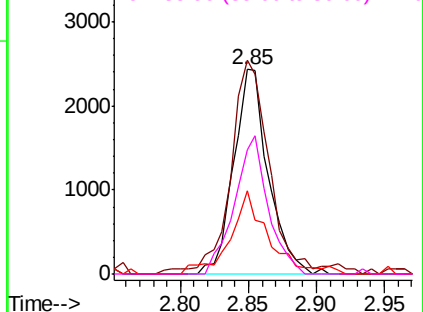


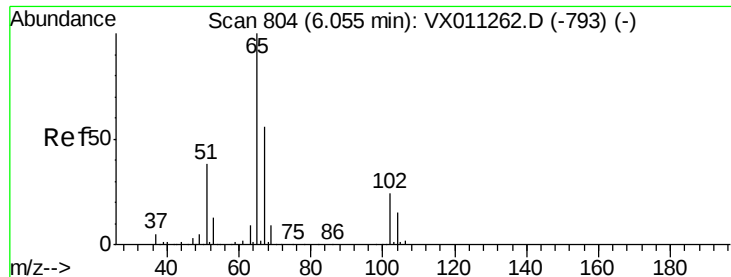
Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 48.255 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011330.D

Acq: 05 Aug 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

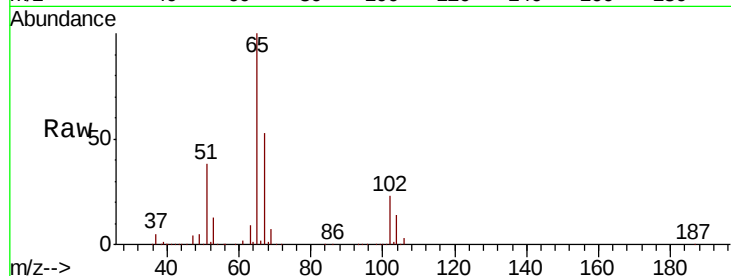
1S-F1-(30)

Tot Ion: 65 Resp: 93115

Ion Ratio Lower Upper

65 100

67 53.8 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

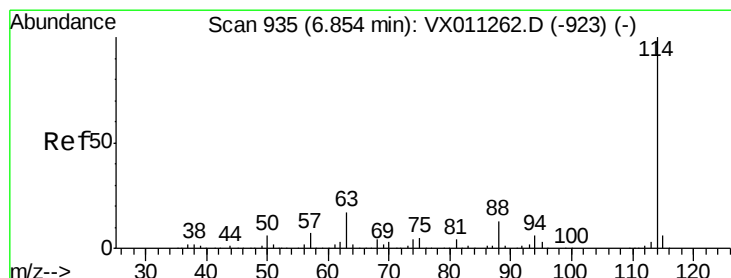
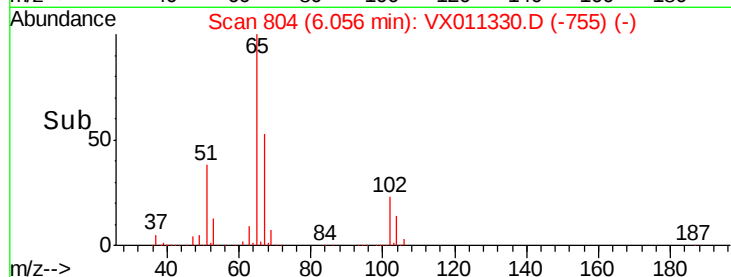
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011330.D

Acq: 05 Aug 2019 16:50

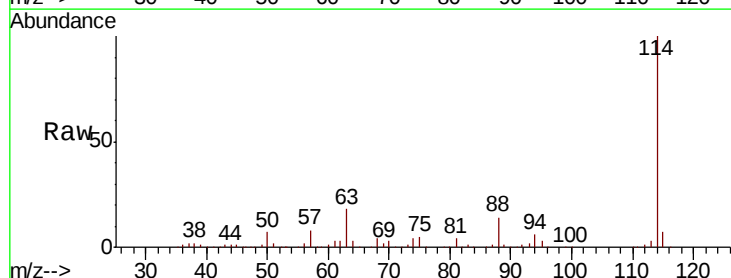
Tgt Ion: 114 Resp: 277012

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.0

88 14.2 0.0 26.4



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

6.85

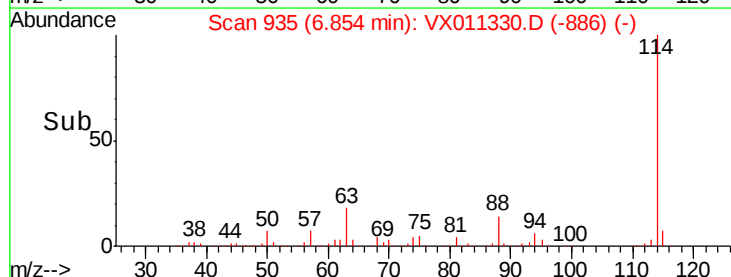
150000

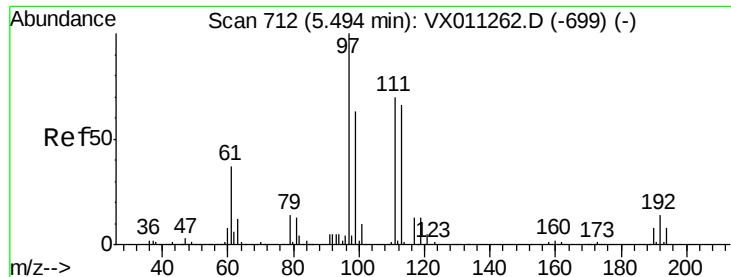
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

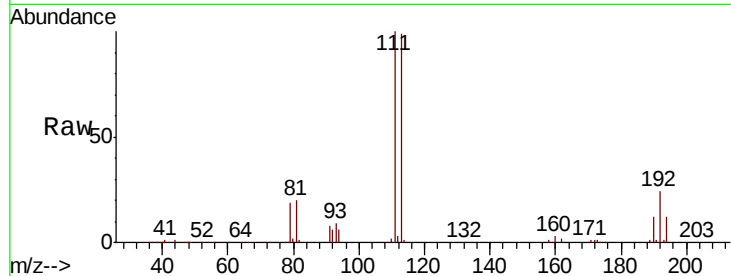




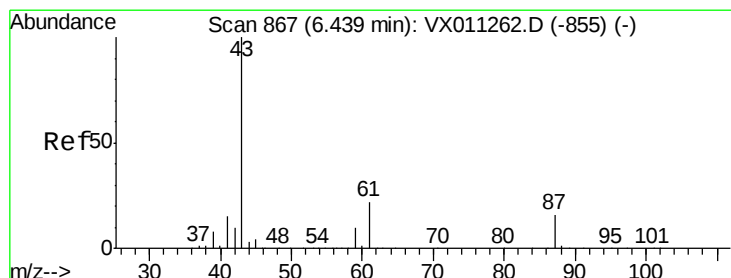
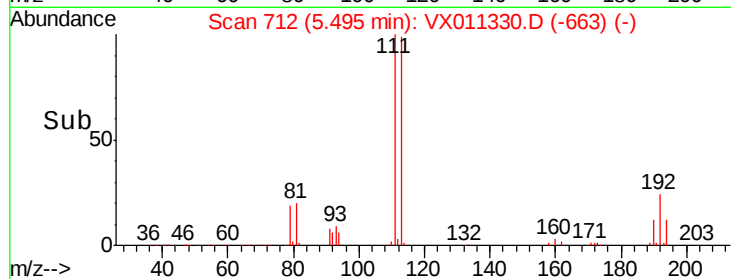
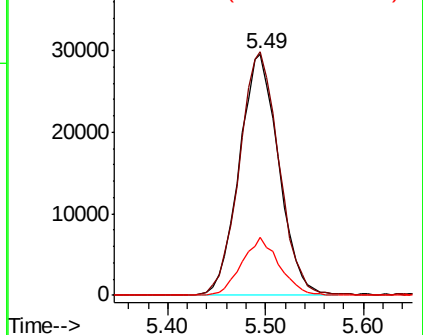
#35
 Dibromofluoromethane
 Concen: 45.825 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011330.D
 Acq: 05 Aug 2019 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 1S-F1-(30)

Tot Ion:113 Resp: 82876
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.9 122.9
 192 22.7 17.8 26.8

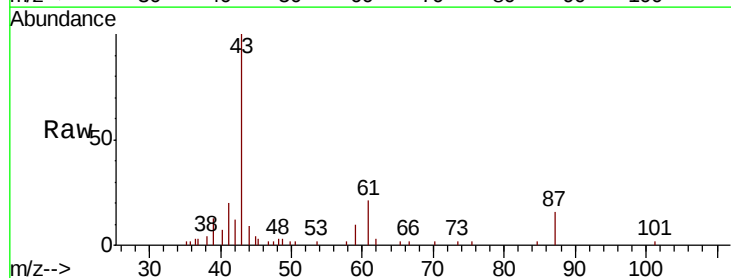


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

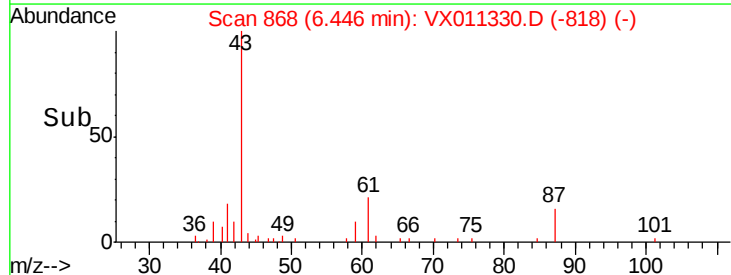
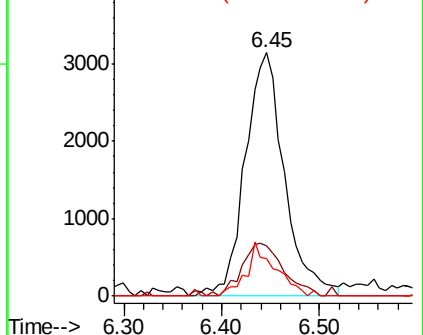


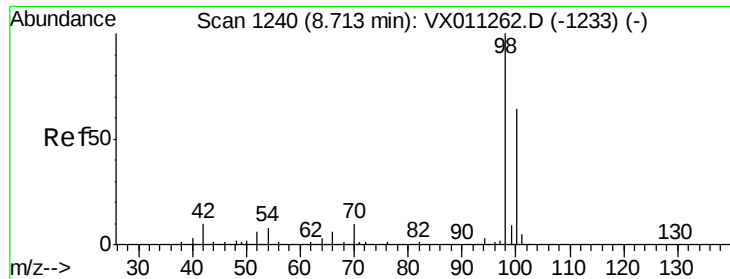
#43
 Isopropyl Acetate
 Concen: 2.267 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.01 min
 Lab File: VX011330.D
 Acq: 05 Aug 2019 16:50

Tgt Ion: 43 Resp: 8793
 Ion Ratio Lower Upper
 43 100
 61 22.9 16.5 24.7
 87 16.2 12.1 18.1



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: 48.350 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011330.D

Acq: 05 Aug 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

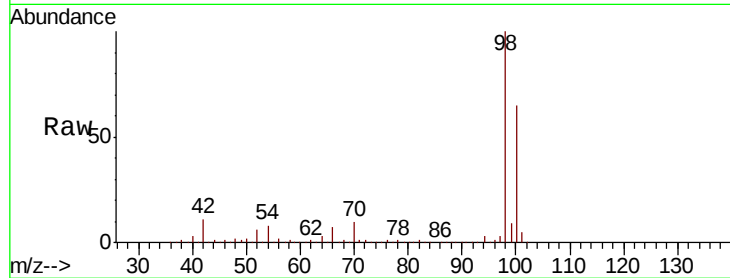
1S-F1-(30)

Tot Ion: 98 Resp: 330075

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

200000

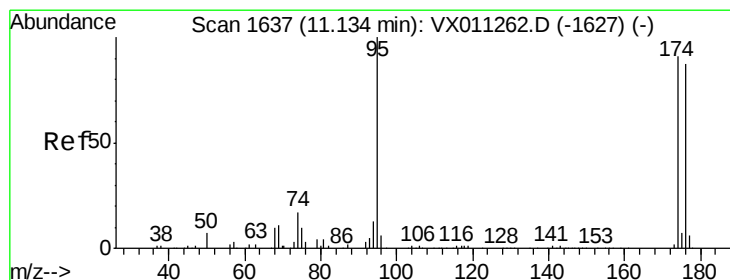
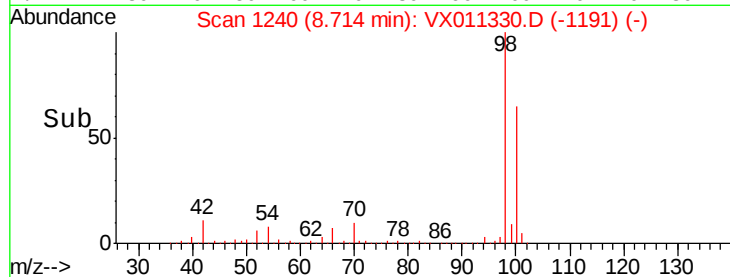
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.617 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011330.D

Acq: 05 Aug 2019 16:50

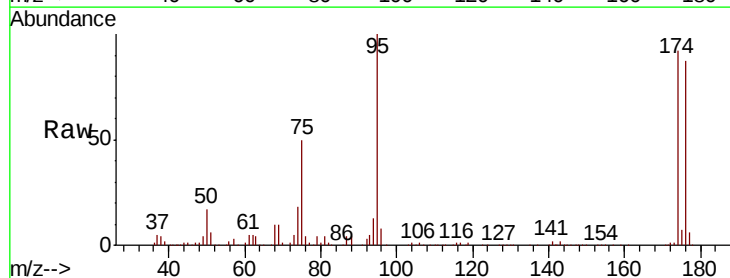
Tgt Ion: 95 Resp: 103871

Ion Ratio Lower Upper

95 100

174 93.3 0.0 191.2

176 89.7 0.0 184.8



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

11.13

120000

100000

80000

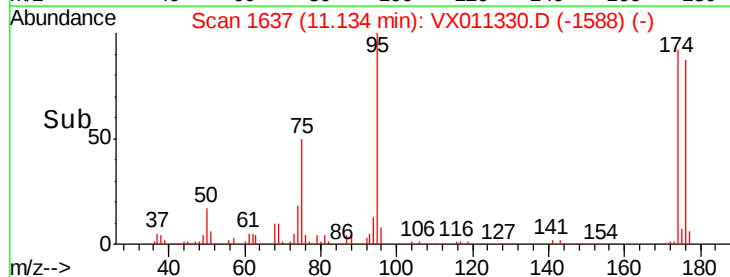
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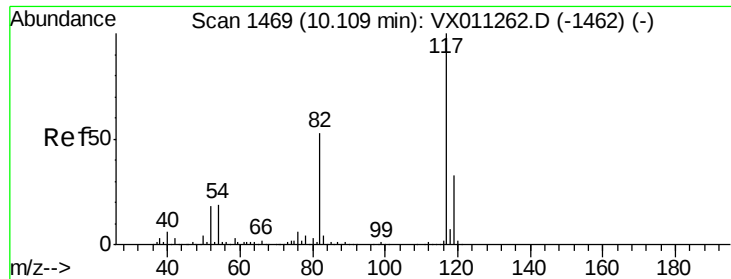
40000

20000

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Time-->

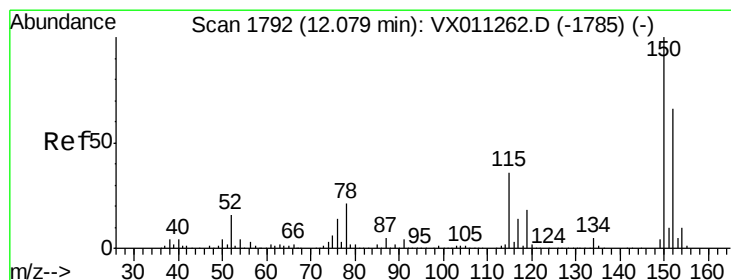
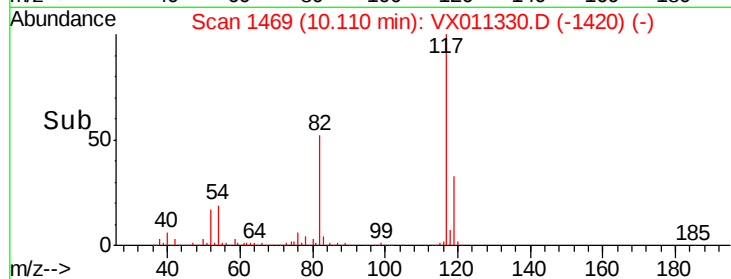
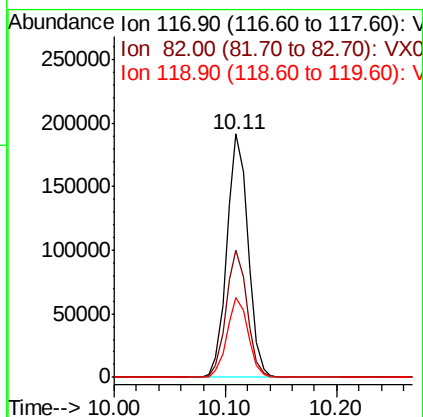
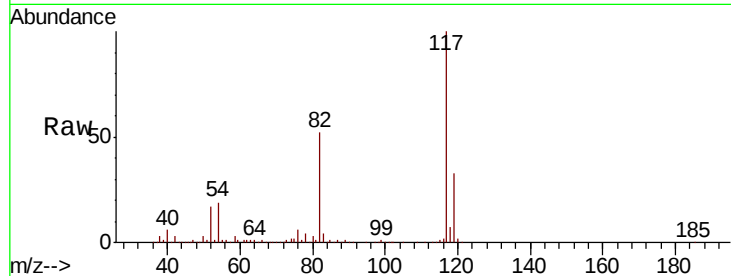




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011330.D
Acq: 05 Aug 2019 16:50

Instrument :
MSVOA_X
ClientSampled :
1S-F1-(30)

Tot Ion:117 Resp: 251629
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011330.D
Acq: 05 Aug 2019 16:50

Tgt Ion:152 Resp: 109483
Ion Ratio Lower Upper
152 100
115 54.7 40.0 119.9
150 155.2 0.0 350.4

