

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121918\
 Data File : VX006650.D
 Acq On : 19 Dec 2018 21:11
 Operator : JC/MD
 Sample : J6196-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EO-01-121818-A

Quant Time: Dec 20 04:45:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

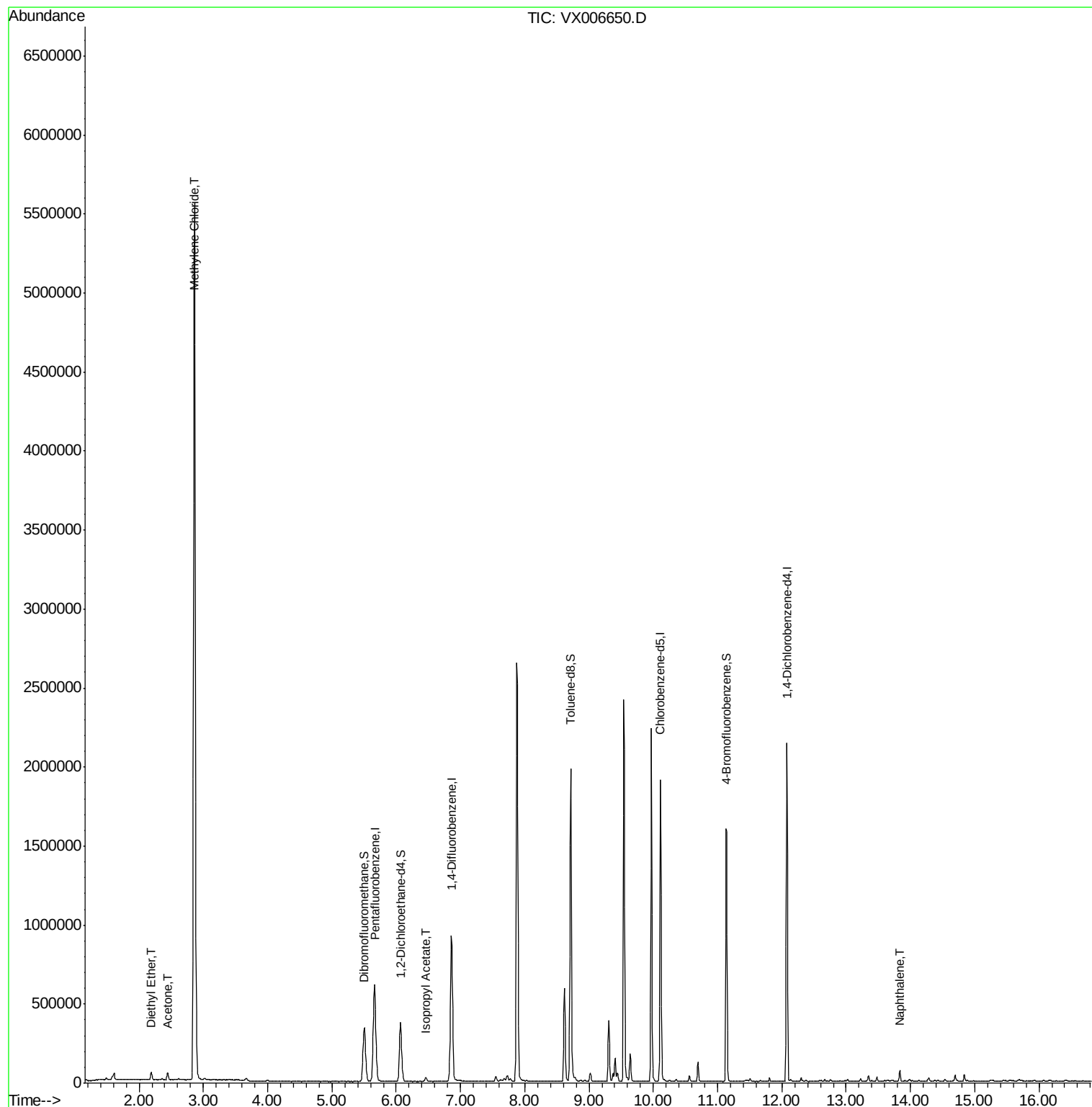
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	619294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	994692	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	953468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	458005	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	350942	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
35) Dibromofluoromethane	5.51	113	297256	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
50) Toluene-d8	8.71	98	1214067	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.13	95	442872	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
Target Compounds						
8) Diethyl Ether	2.19	74	16858	4.271	ug/l	98
16) Acetone	2.45	43	44252	14.431	ug/l	97
20) Methylene Chloride	2.86	84	2616377	412.618	ug/l	96
43) Isopropyl Acetate	6.46	43	33820	2.592	ug/l	97
95) Naphthalene	13.83	128	45234	1.345	ug/l	98

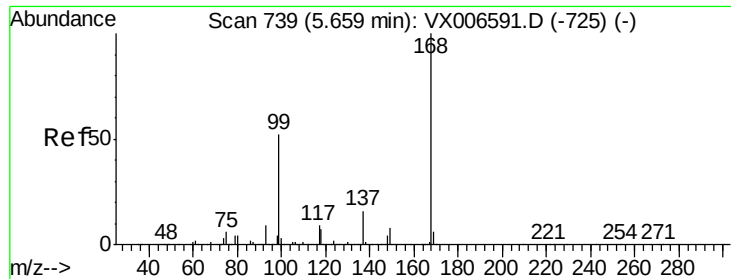
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006650.D

Acq: 19 Dec 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

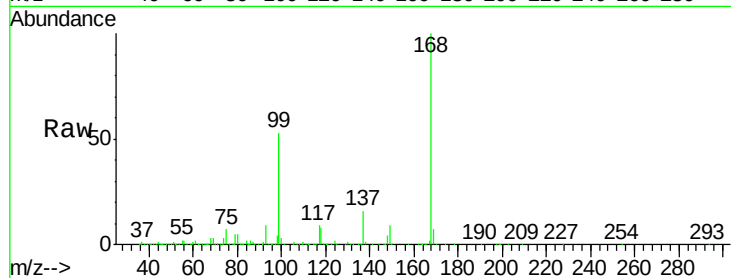
EO-01-121818-A

Tot Ion:168 Resp: 619294

Ion Ratio Lower Upper

168 100

99 52.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

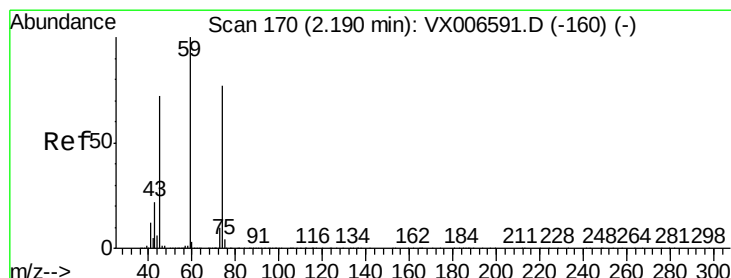
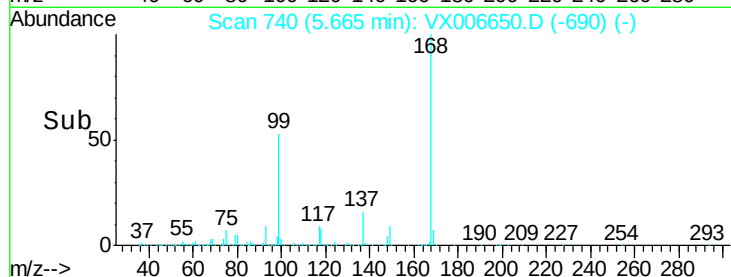
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 4.271 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX006650.D

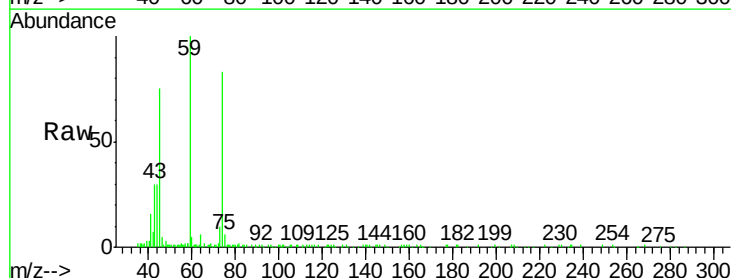
Acq: 19 Dec 2018 21:11

Tgt Ion: 74 Resp: 16858

Ion Ratio Lower Upper

74 100

45 90.6 46.3 138.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

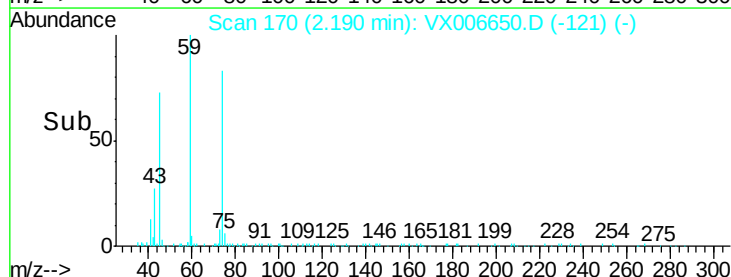
2.19

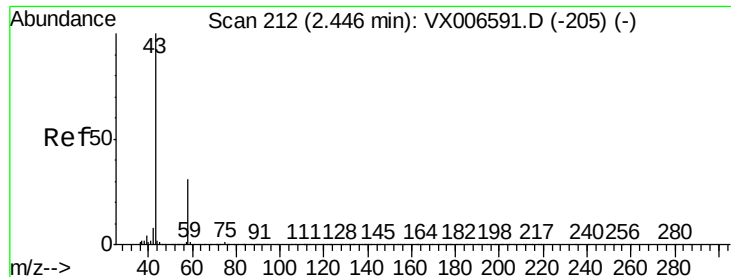
10000

5000

0

Time--> 2.15 2.20 2.25

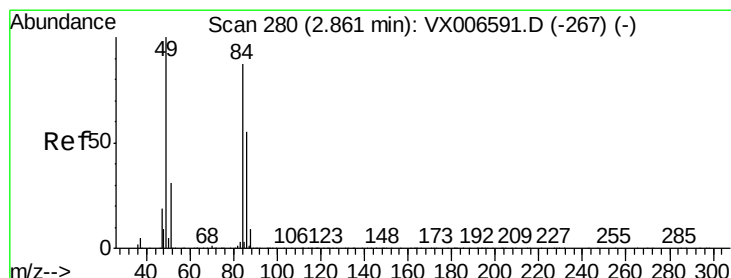
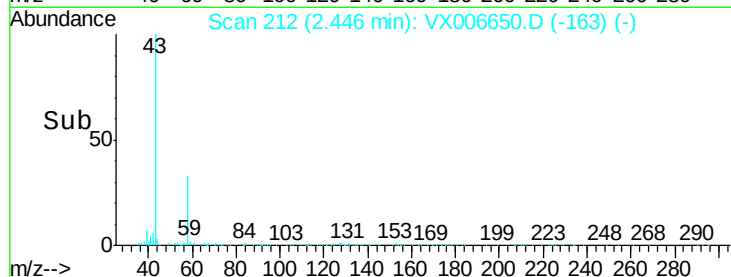
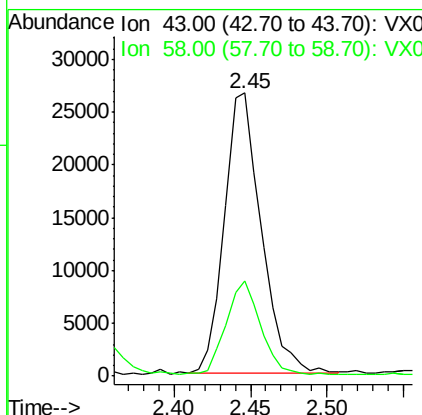
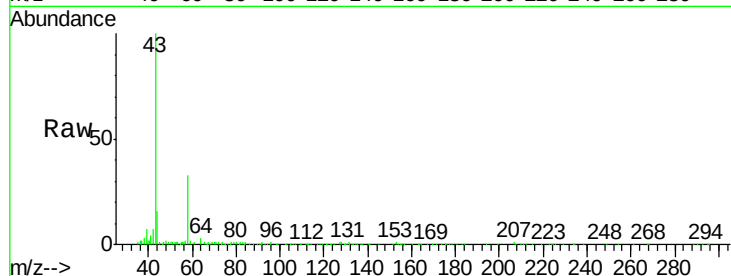




#16
Acetone
Concen: 14.431 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006650.D
Acq: 19 Dec 2018 21:11

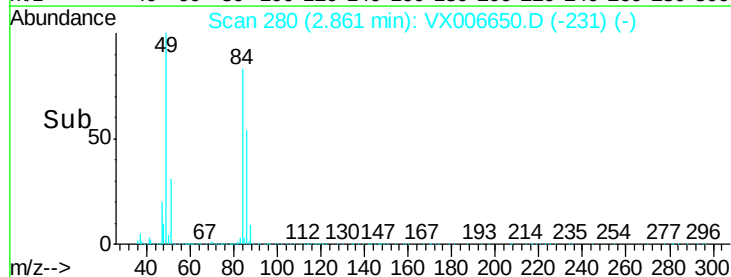
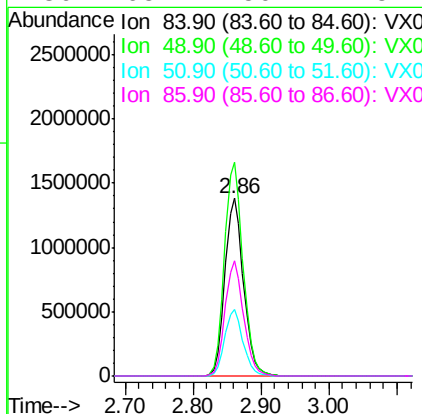
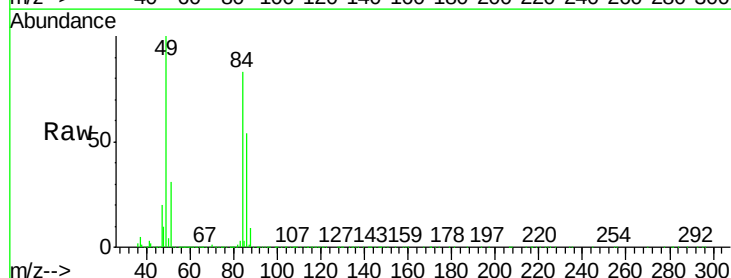
Instrument :
MSVOA_X
ClientSampleId :
EO-01-121818-A

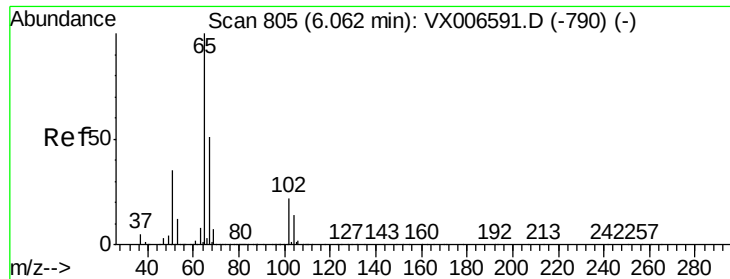
Tot Ion: 43 Resp: 44252
Ion Ratio Lower Upper
43 100
58 33.2 25.0 37.6



#20
Methylene Chloride
Concen: 412.618 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006650.D
Acq: 19 Dec 2018 21:11

Tgt Ion: 84 Resp: 2616377
Ion Ratio Lower Upper
84 100
49 120.3 91.8 137.6
51 37.4 28.5 42.7
86 65.1 50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 52.580 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006650.D

Acq: 19 Dec 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

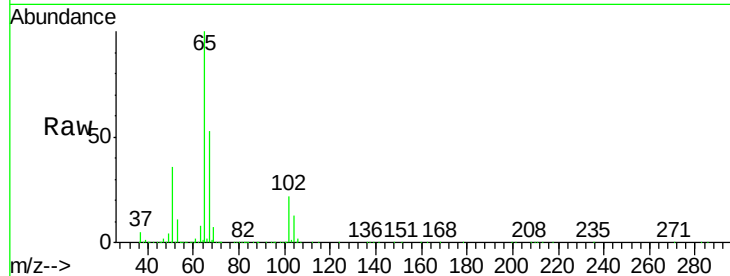
EO-01-121818-A

Tot Ion: 65 Resp: 350942

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

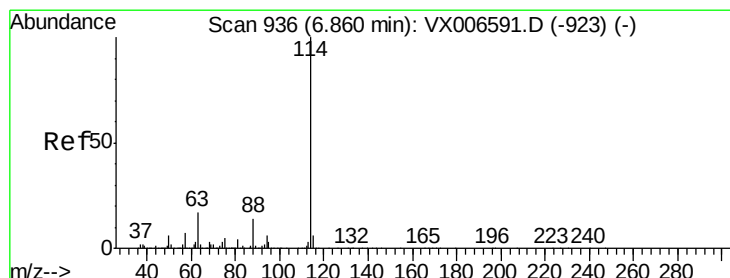
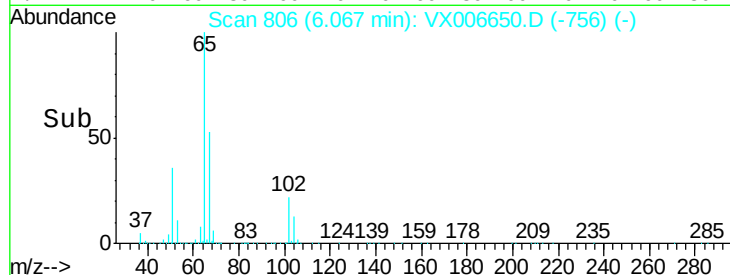
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006650.D

Acq: 19 Dec 2018 21:11

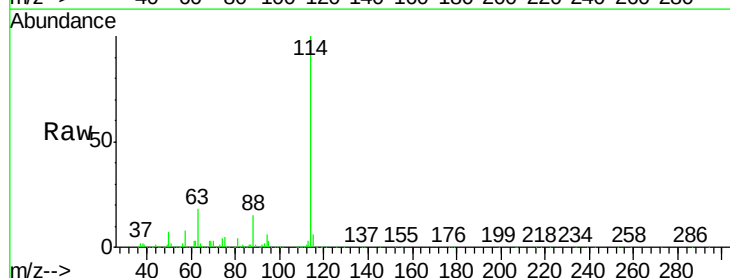
Tgt Ion: 114 Resp: 994692

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.8

88 14.9 0.0 28.8



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

6.86

500000

400000

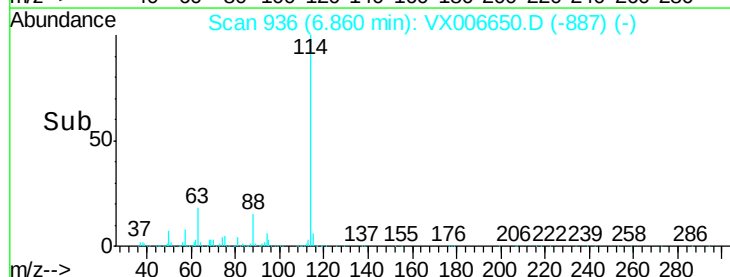
300000

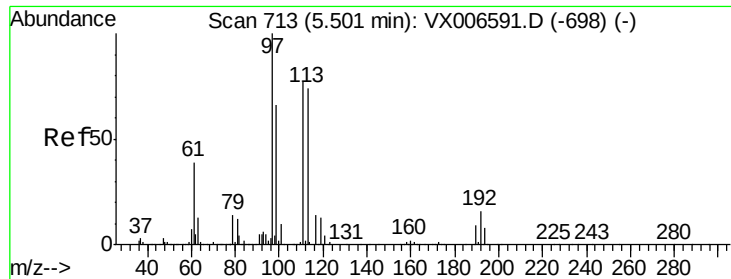
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.257 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006650.D

Acq: 19 Dec 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

EO-01-121818-A

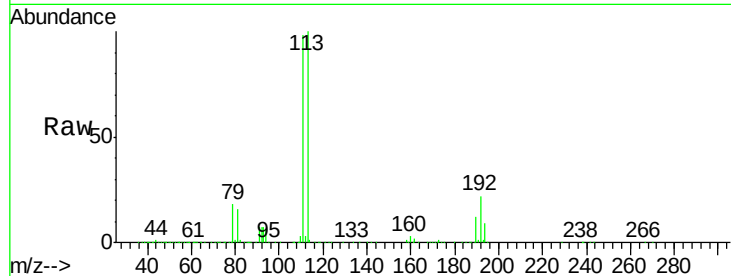
Tot Ion:113 Resp: 297256

Ion Ratio Lower Upper

113 100

111 100.9 81.6 122.4

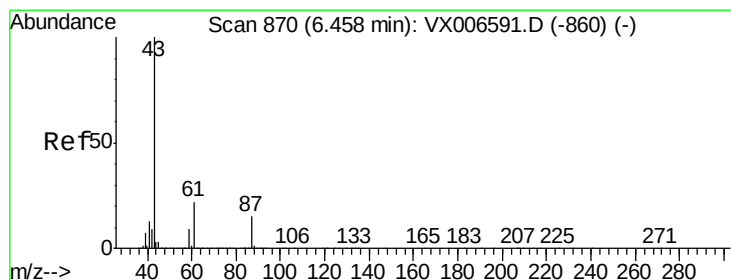
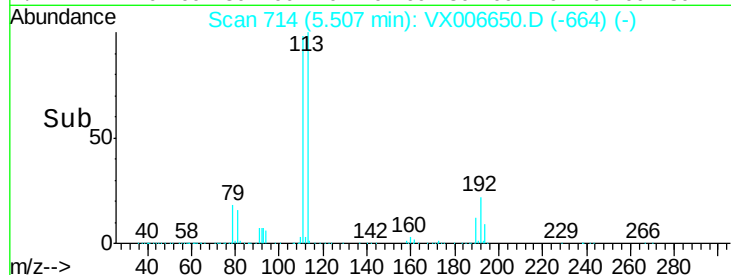
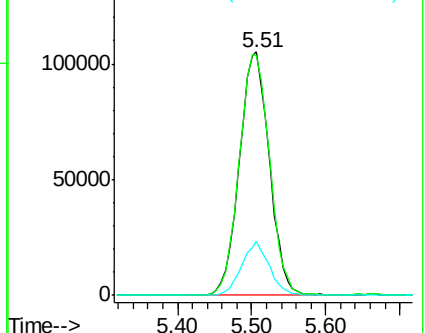
192 20.4 16.7 25.1



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: 2.592 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006650.D

Acq: 19 Dec 2018 21:11

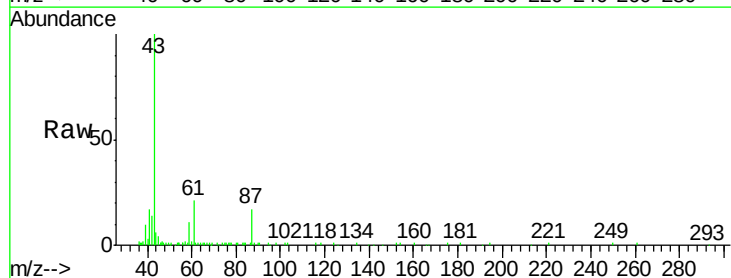
Tgt Ion: 43 Resp: 33820

Ion Ratio Lower Upper

43 100

61 23.0 16.8 25.2

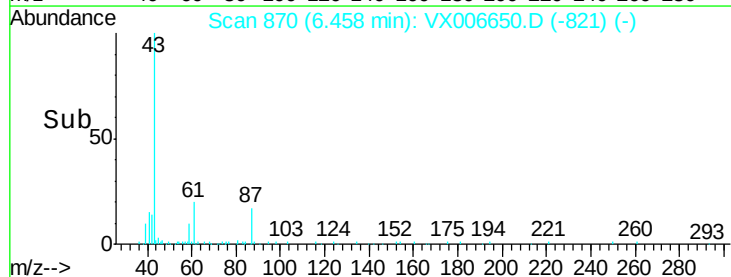
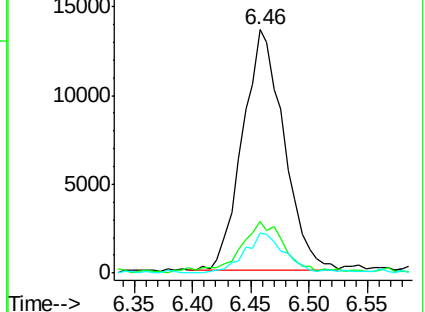
87 15.7 12.4 18.6

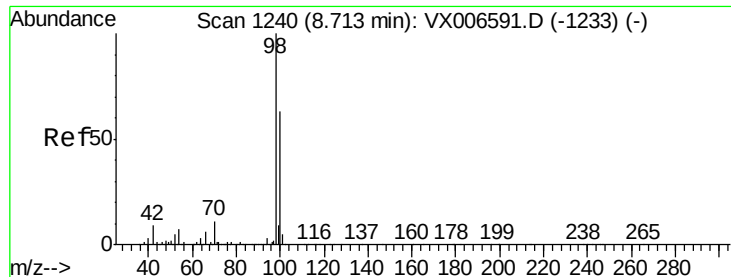


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.195 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006650.D

Acq: 19 Dec 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

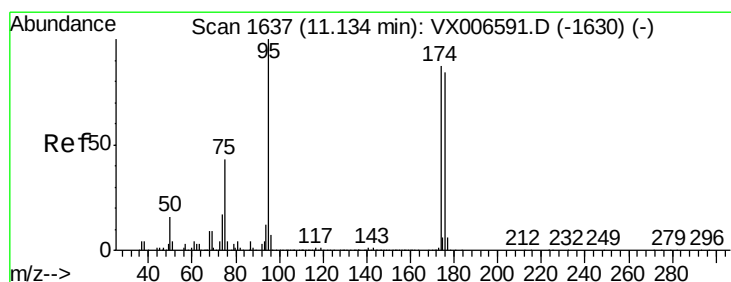
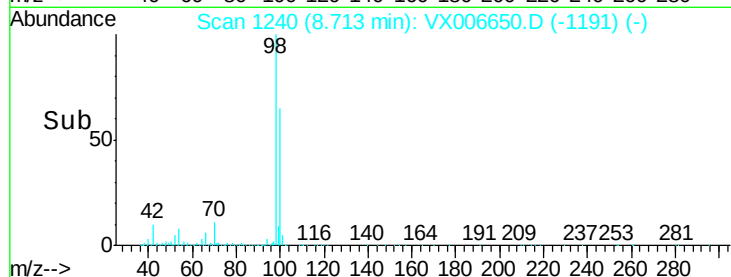
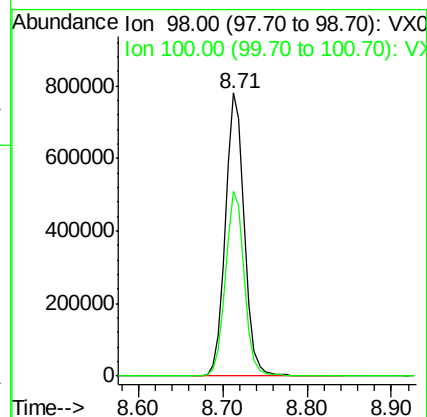
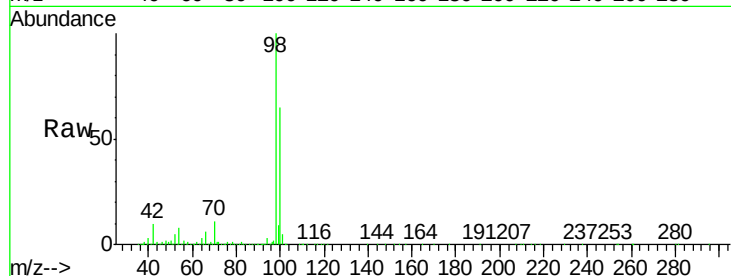
EO-01-121818-A

Tot Ion: 98 Resp: 1214067

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 50.991 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006650.D

Acq: 19 Dec 2018 21:11

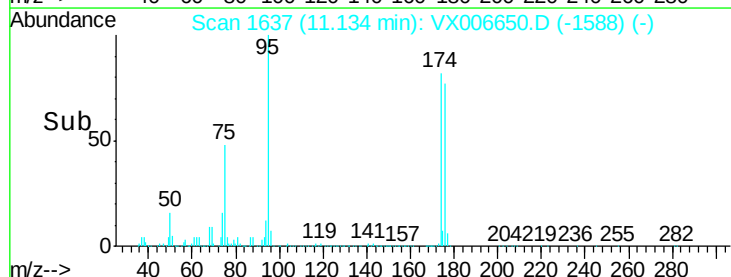
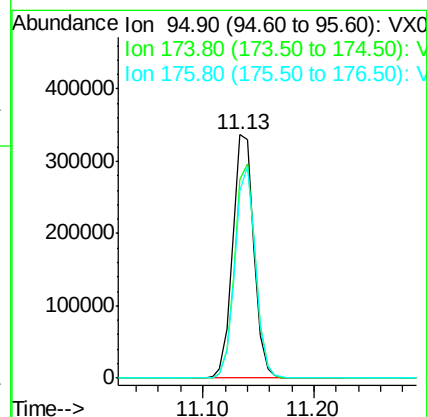
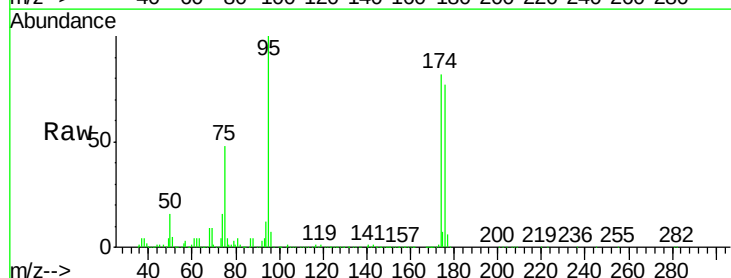
Tgt Ion: 95 Resp: 442872

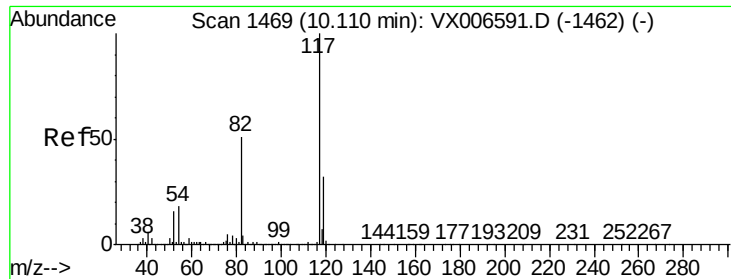
Ion Ratio Lower Upper

95 100

174 86.6 0.0 182.2

176 84.1 0.0 178.8

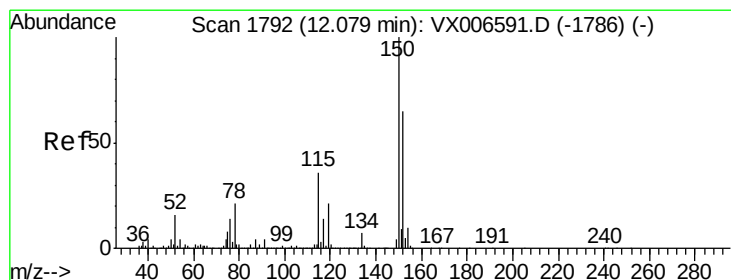
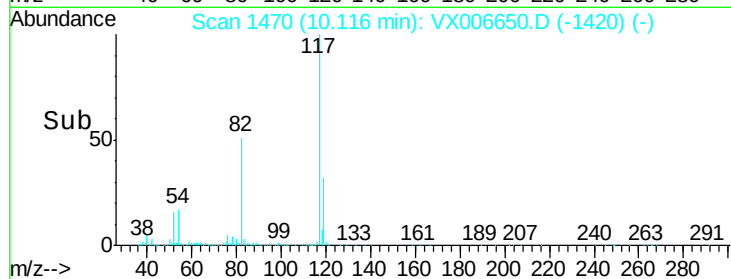
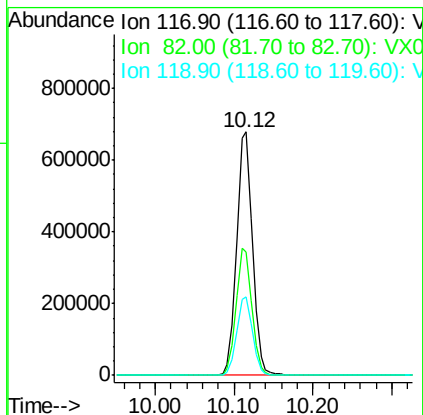
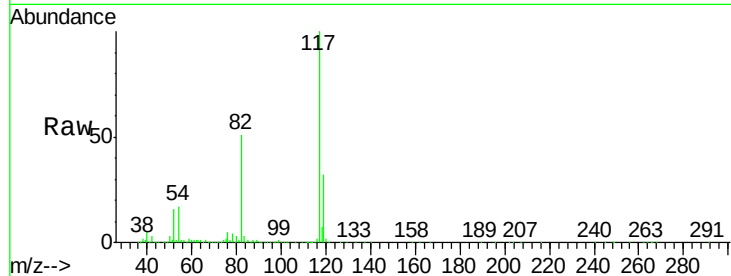




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006650.D
Acq: 19 Dec 2018 21:11

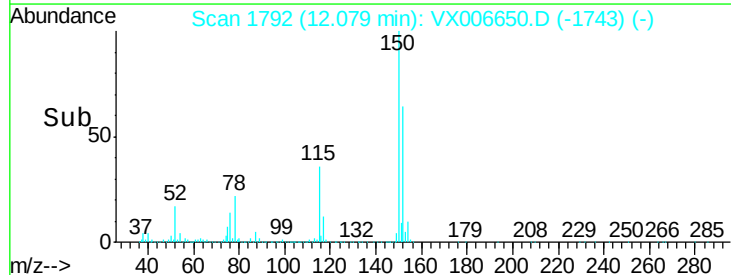
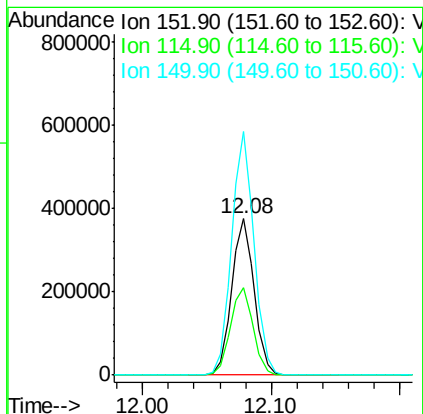
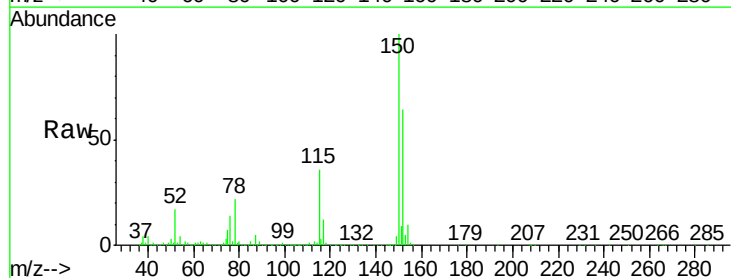
Instrument :
MSVOA_X
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EO-01-121818-A

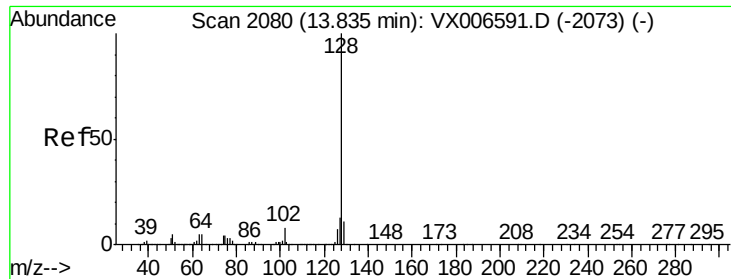
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	41.0	61.6
119	32.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006650.D
Acq: 19 Dec 2018 21:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	39.1	117.2
150	155.1	0.0	344.8





#95
Naphthalene
Concen: 1.345 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006650.D
Acq: 19 Dec 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
EO-01-121818-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.1	15.1
129	11.7	8.6	13.0

