

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010719\
 Data File : VX006940.D
 Acq On : 07 Jan 2019 17:15
 Operator : JC/MD
 Sample : K1012-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EO-02-010419-B

Quant Time: Jan 08 07:14:29 2019
 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

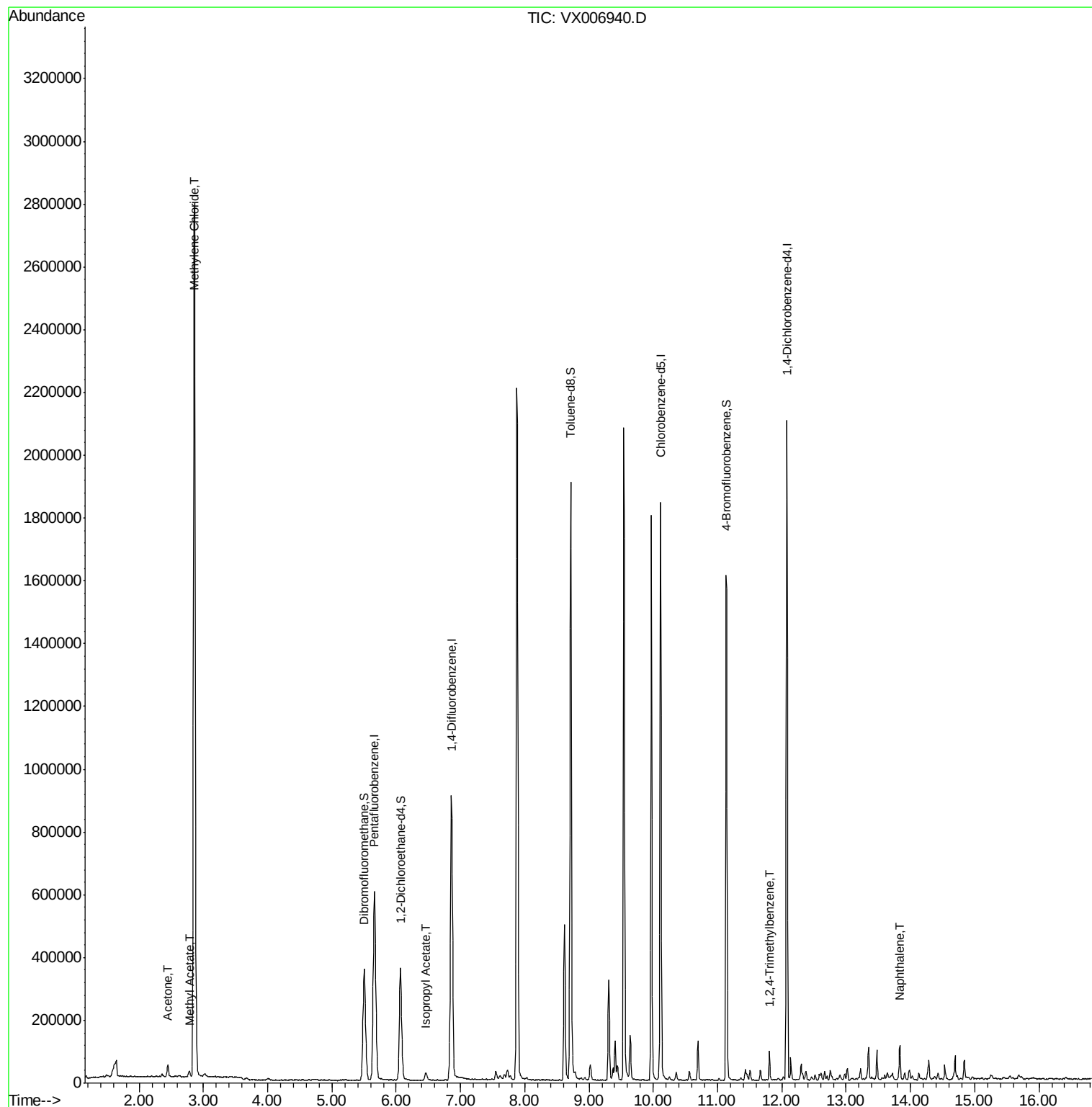
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	630252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	968257	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	924998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	454389	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	337137	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
35) Dibromofluoromethane	5.50	113	294796	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
50) Toluene-d8	8.71	98	1165155	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.13	95	419263	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
Target Compounds						
16) Acetone	2.45	43	42653	13.668	ug/l	99
18) Methyl Acetate	2.78	43	23413	2.551	ug/l	92
20) Methylene Chloride	2.86	84	1328643	205.892	ug/l	98
43) Isopropyl Acetate	6.46	43	30985	2.440	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	41563	1.543	ug/l	100
95) Naphthalene	13.83	128	70943	2.127	ug/l	98

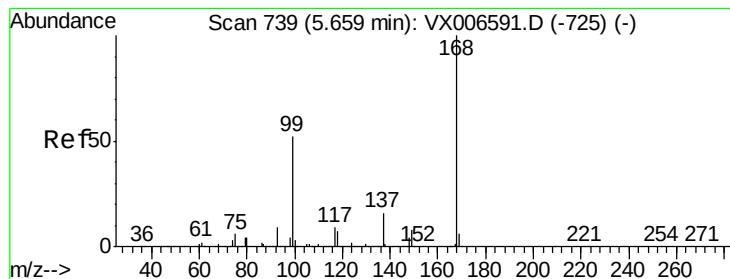
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006940.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

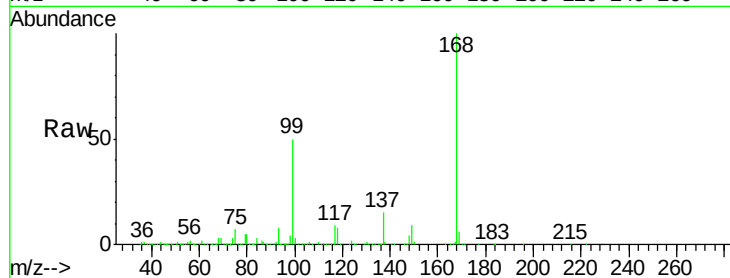
EO-02-010419-B

Tot Ion:168 Resp: 630252

Ion Ratio Lower Upper

168 100

99 49.9 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

150000

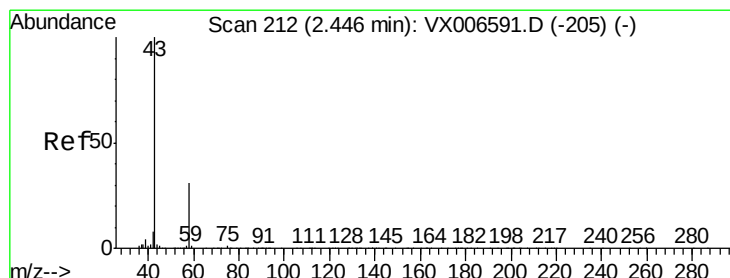
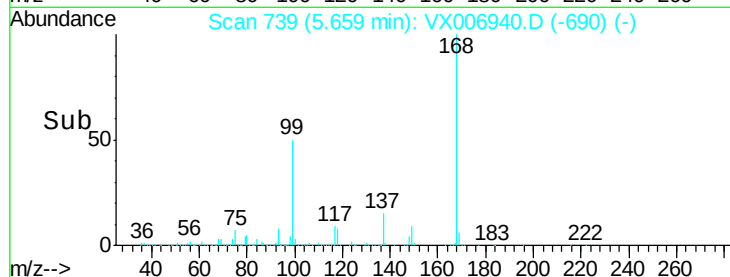
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.668 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006940.D

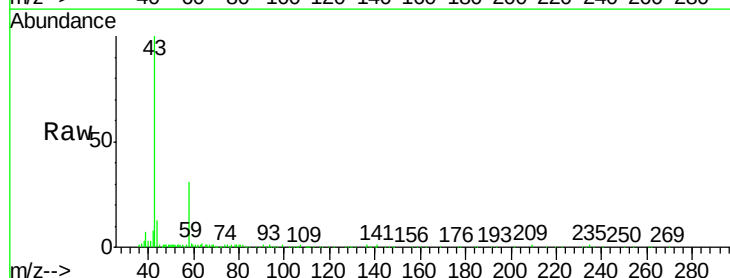
Acq: 07 Jan 2019 17:15

Tgt Ion: 43 Resp: 42653

Ion Ratio Lower Upper

43 100

58 30.7 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

30000

25000

20000

15000

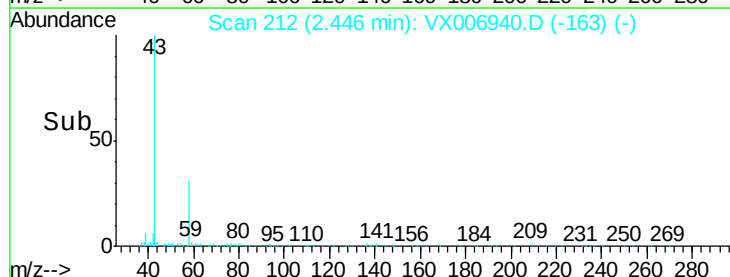
10000

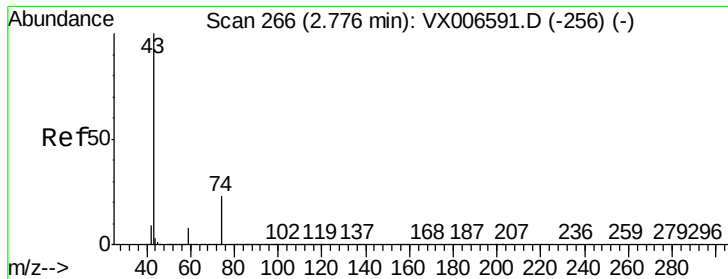
5000

0

Time-->

2.40 2.45 2.50

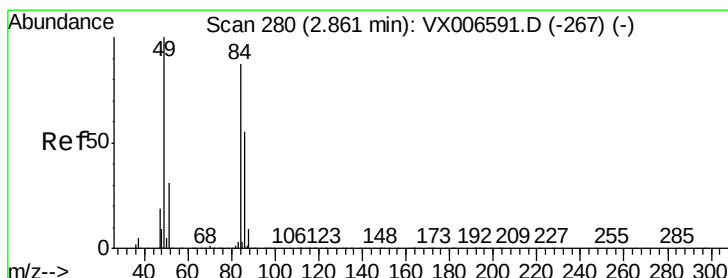
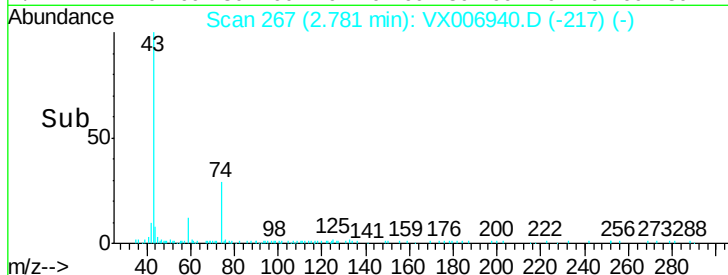
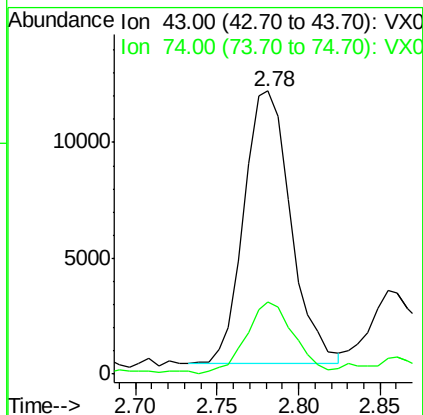
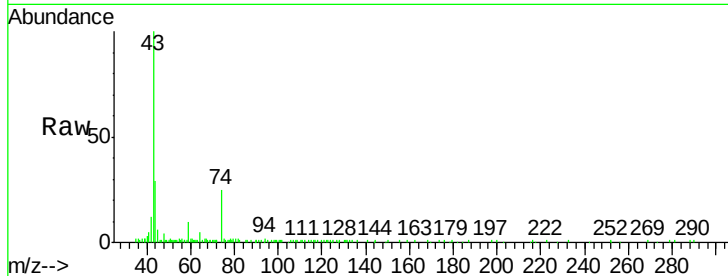




#18
Methvl Acetate
Concen: 2.551 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006940.D
Acq: 07 Jan 2019 17:15

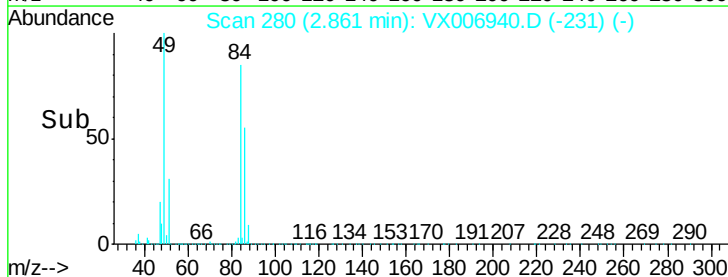
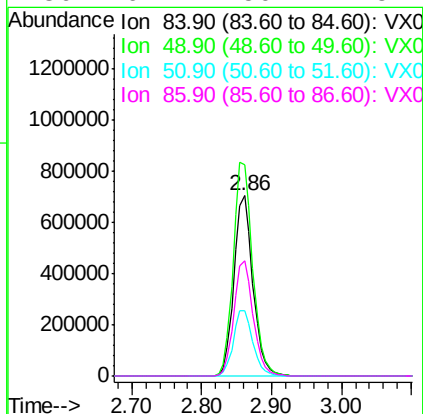
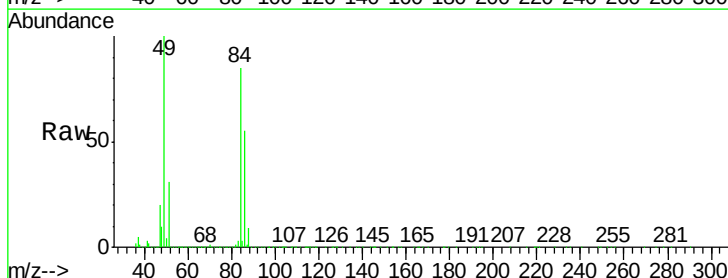
Instrument :
MSVOA_X
ClientSampleId :
EO-02-010419-B

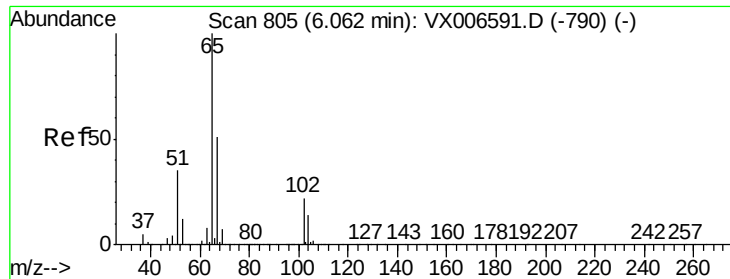
Tot Ion: 43 Resp: 23413
Ion Ratio Lower Upper
43 100
74 27.4 18.6 28.0



#20
Methylene Chloride
Concen: 205.892 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006940.D
Acq: 07 Jan 2019 17:15

Tgt Ion: 84 Resp: 1328643
Ion Ratio Lower Upper
84 100
49 117.6 91.8 137.6
51 36.6 28.5 42.7
86 64.2 50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 49.633 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006940.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

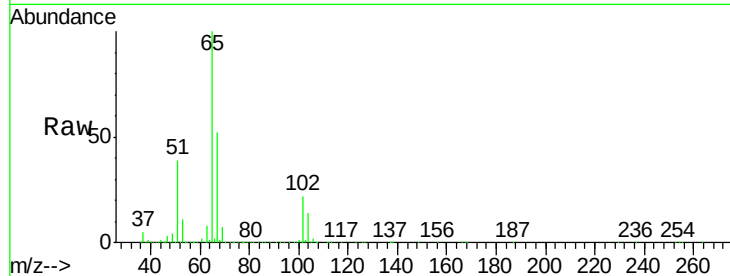
EO-02-010419-B

Tot Ion: 65 Resp: 337137

Ion Ratio Lower Upper

65 100

67 52.5 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

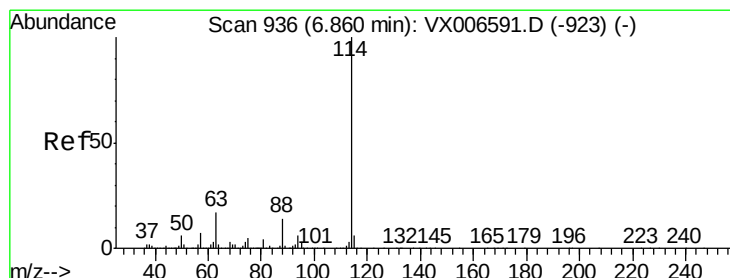
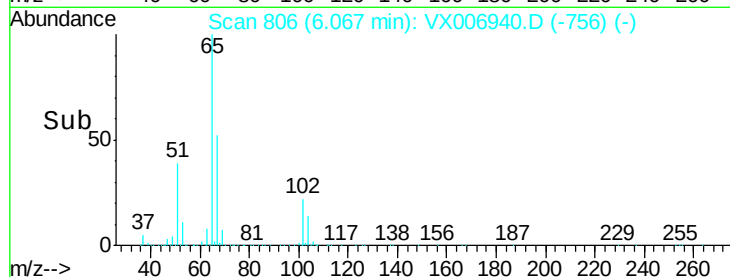
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006940.D

Acq: 07 Jan 2019 17:15

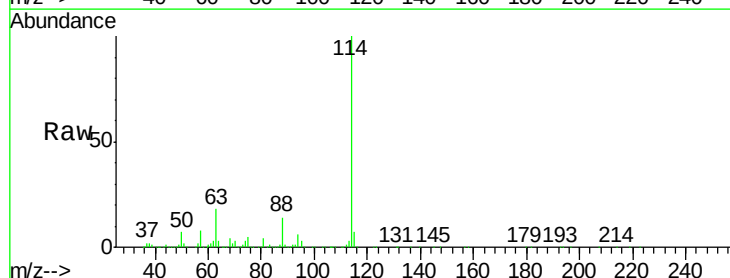
Tgt Ion: 114 Resp: 968257

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.8

88 14.4 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

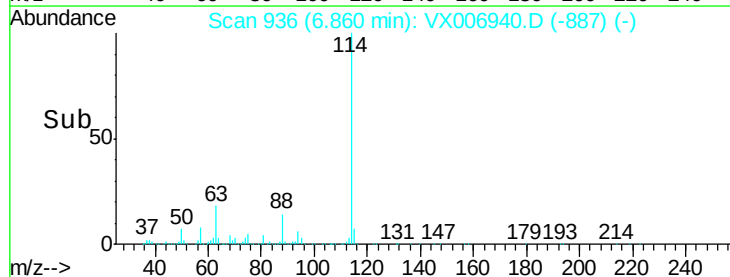
300000

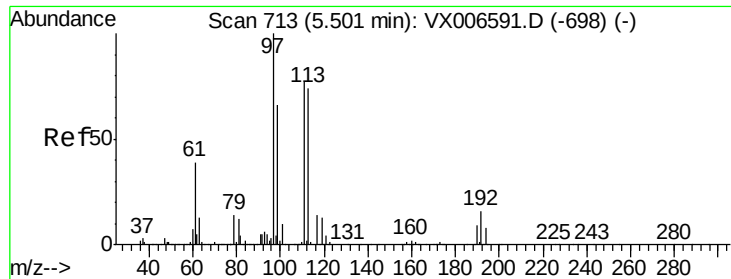
200000

100000

0

Time--> 6.70 6.80 6.90





#35

Dibromofluoromethane

Concen: 48.145 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006940.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

EO-02-010419-B

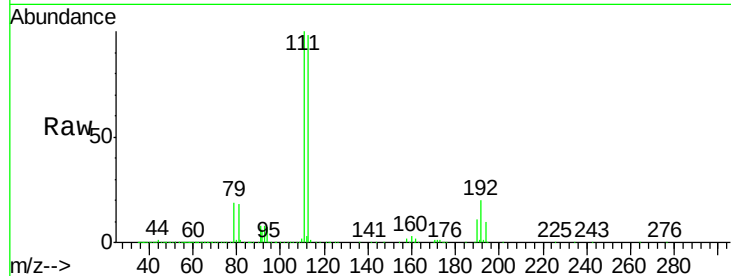
Tot Ion:113 Resp: 294796

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

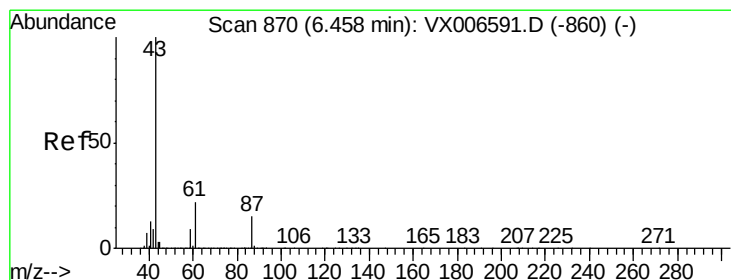
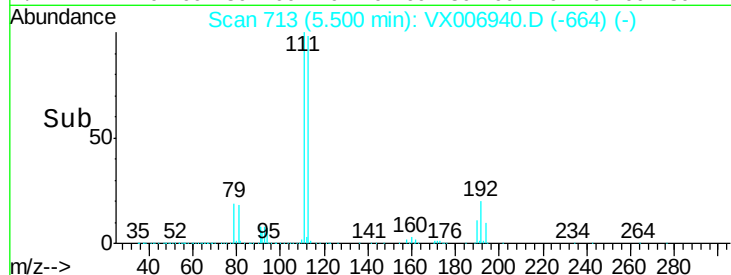
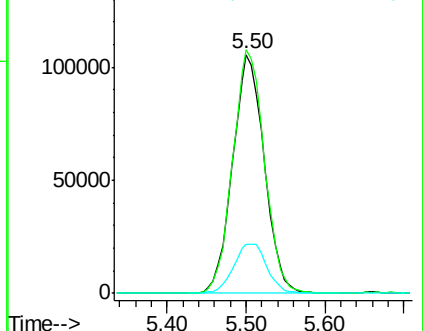
192 22.0 16.7 25.1



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: 2.440 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006940.D

Acq: 07 Jan 2019 17:15

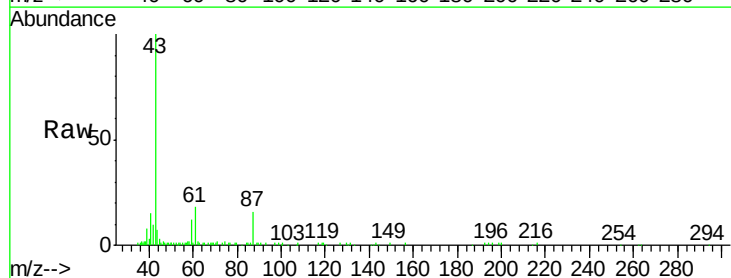
Tgt Ion: 43 Resp: 30985

Ion Ratio Lower Upper

43 100

61 23.0 16.8 25.2

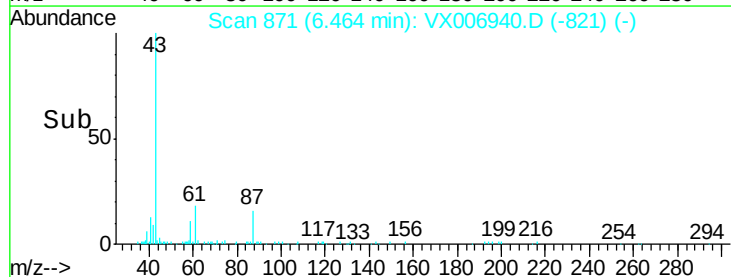
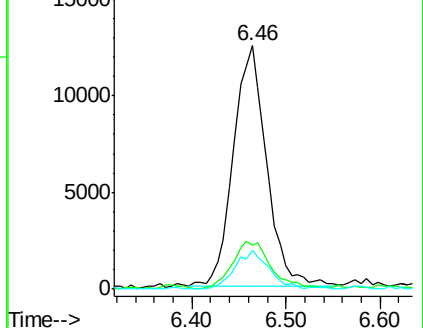
87 16.2 12.4 18.6

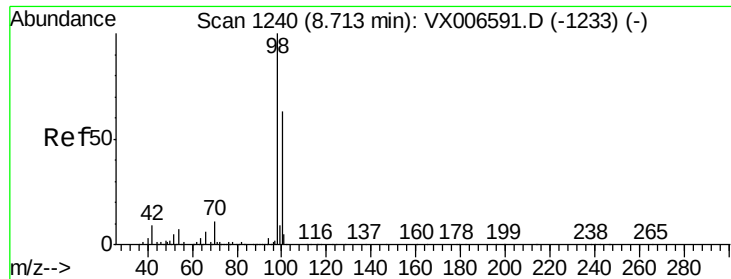


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.474 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006940.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

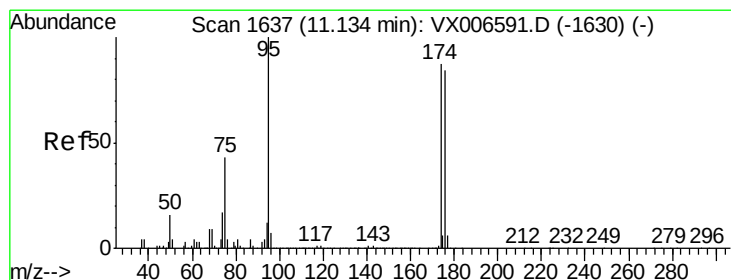
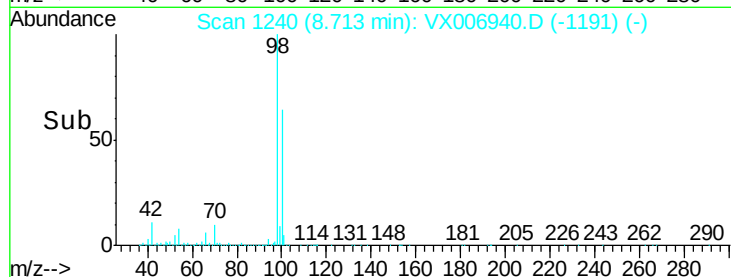
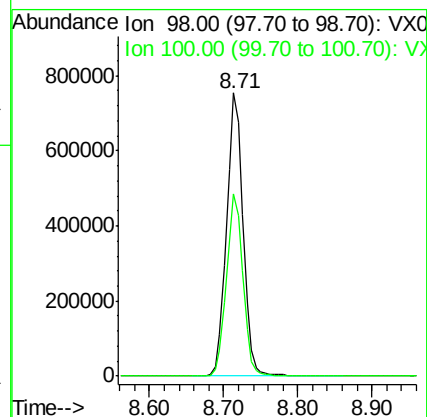
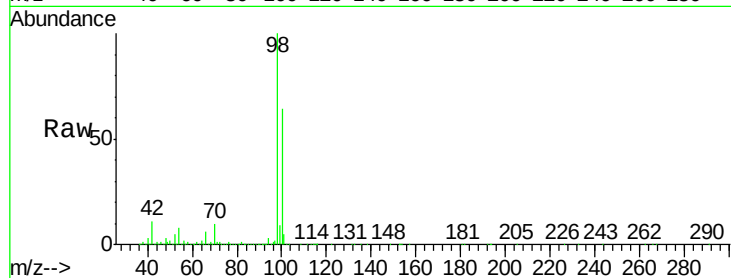
EO-02-010419-B

Tot Ion: 98 Resp: 1165155

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.591 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006940.D

Acq: 07 Jan 2019 17:15

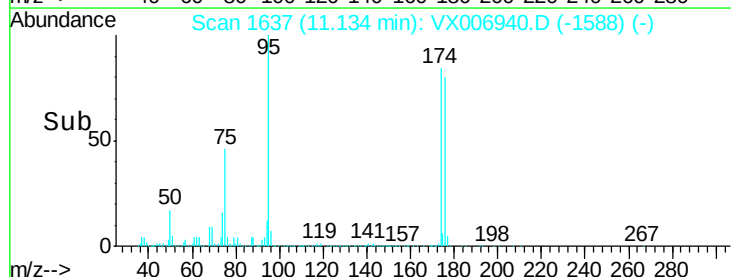
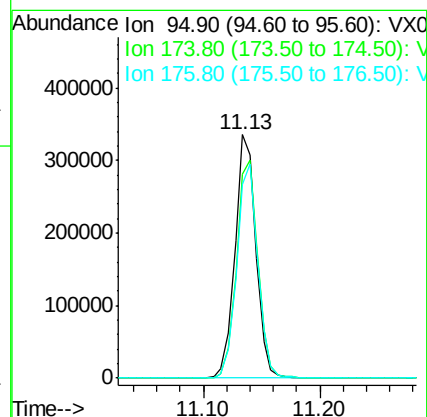
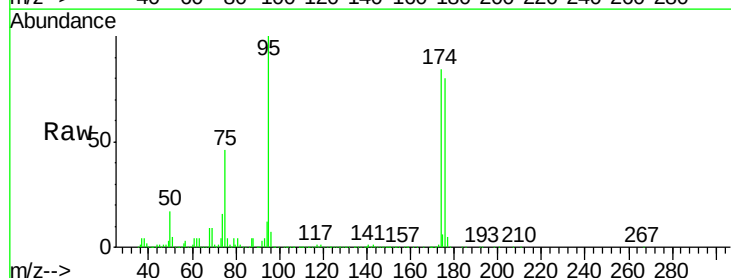
Tgt Ion: 95 Resp: 419263

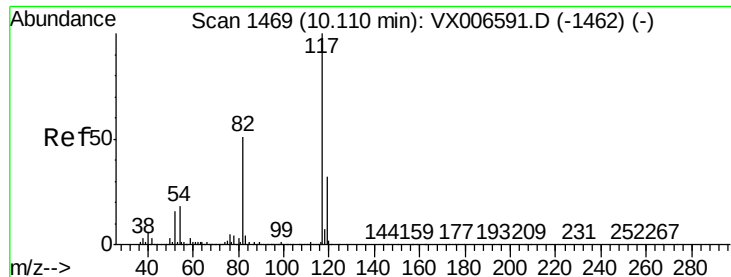
Ion Ratio Lower Upper

95 100

174 92.2 0.0 182.2

176 89.2 0.0 178.8

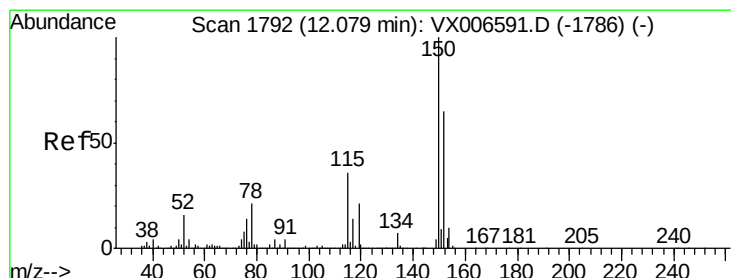
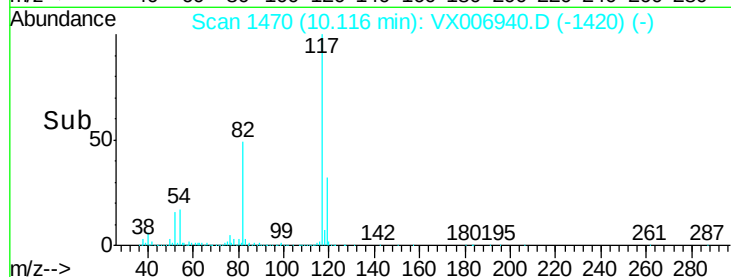
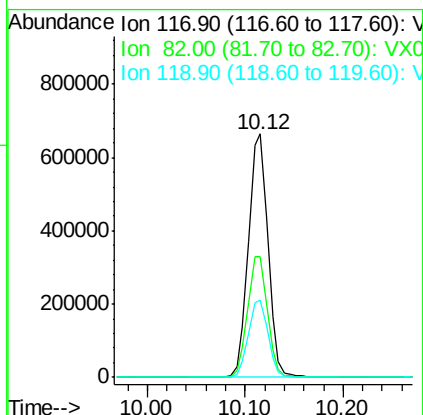
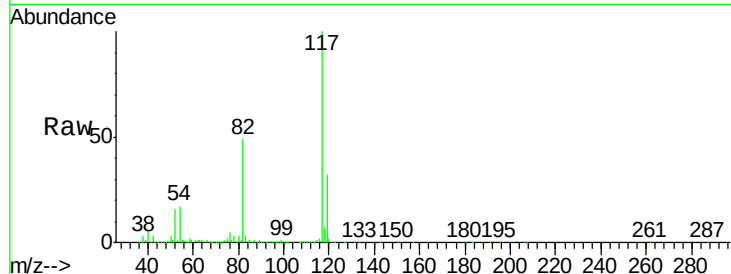




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006940.D
Acq: 07 Jan 2019 17:15

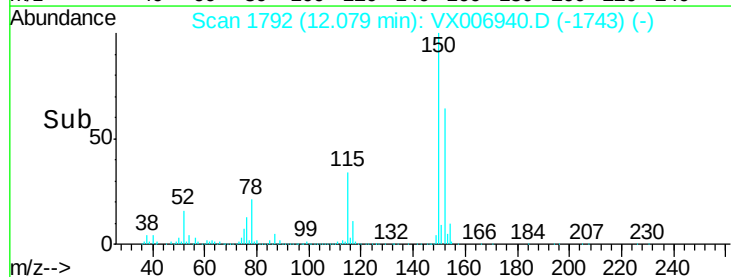
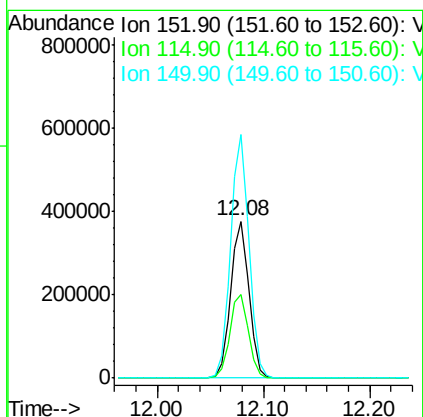
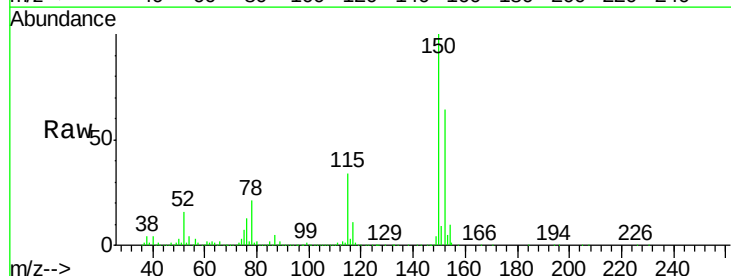
Instrument :
MSVOA_X
ClientSampleId :
EO-02-010419-B

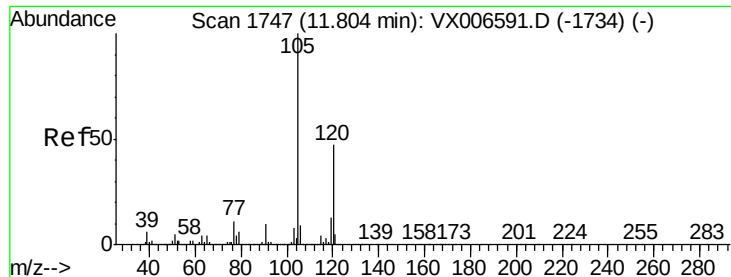
Tot Ion:117 Resp: 924998
Ion Ratio Lower Upper
117 100
82 49.4 41.0 61.6
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006940.D
Acq: 07 Jan 2019 17:15

Tgt Ion:152 Resp: 454389
Ion Ratio Lower Upper
152 100
115 54.2 39.1 117.2
150 155.7 0.0 344.8





#84

1,2,4-Trimethylbenzene

Concen: 1.543 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006940.D

Acq: 07 Jan 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

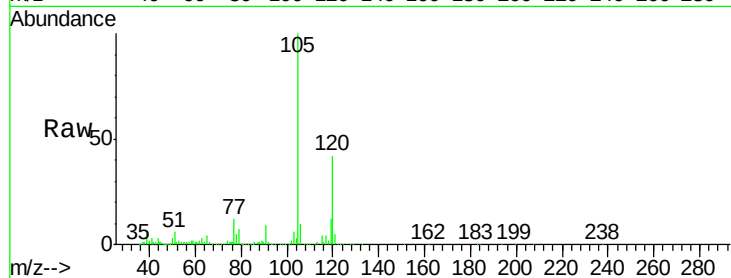
EO-02-010419-B

Tot Ion:105 Resp: 41563

Ion Ratio Lower Upper

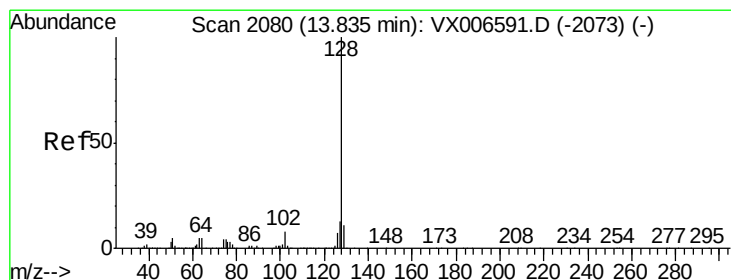
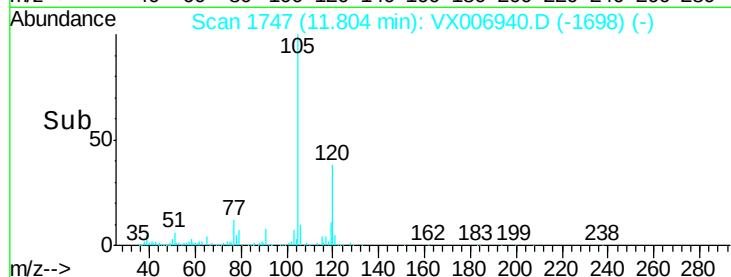
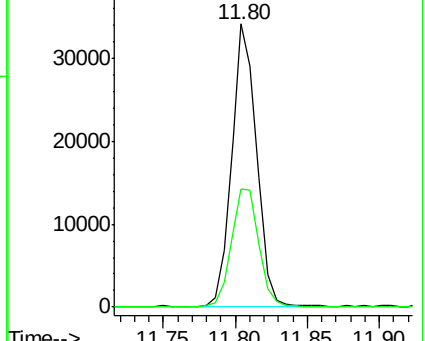
105 100

120 46.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 2.127 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006940.D

Acq: 07 Jan 2019 17:15

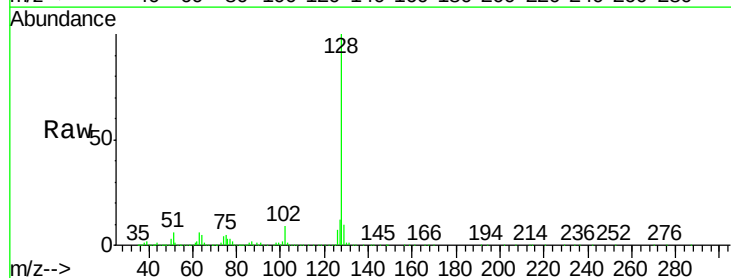
Tgt Ion:128 Resp: 70943

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 11.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

