

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010719\
 Data File : VX006939.D
 Acq On : 07 Jan 2019 16:48
 Operator : JC/MD
 Sample : K1012-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jan 08 07:12:46 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

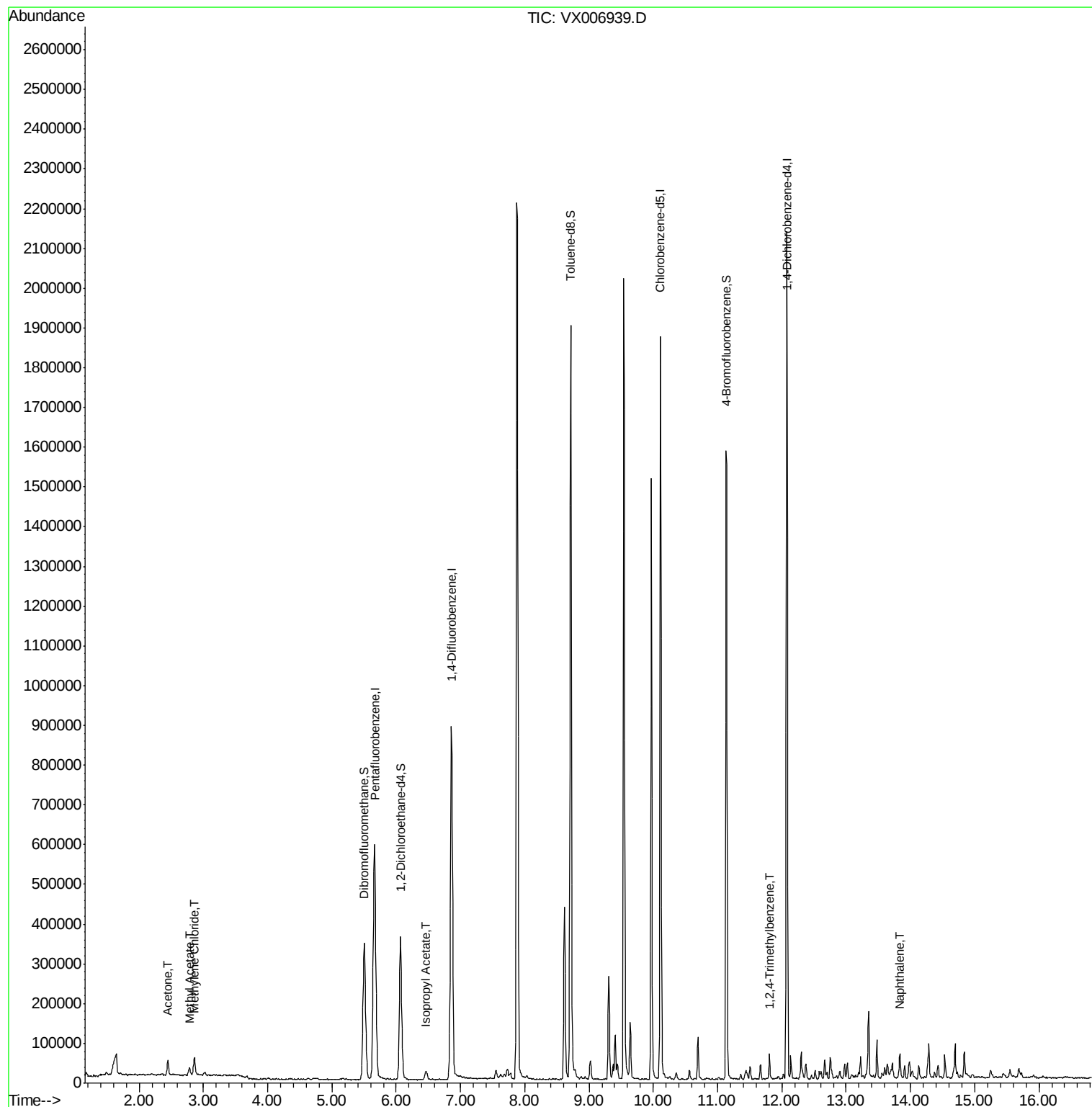
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	629089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	957539	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	920116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	446657	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	326366	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
35) Dibromofluoromethane	5.50	113	289700	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
50) Toluene-d8	8.71	98	1163991	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.13	95	415100	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
Target Compounds						
16) Acetone	2.45	43	40566	13.023	ug/l	100
18) Methyl Acetate	2.78	43	25278	2.760	ug/l	93
20) Methylene Chloride	2.86	84	21380	3.319	ug/l	98
43) Isopropyl Acetate	6.46	43	28349	2.257	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	27157	1.026	ug/l	96
95) Naphthalene	13.83	128	38014	1.159	ug/l #	91

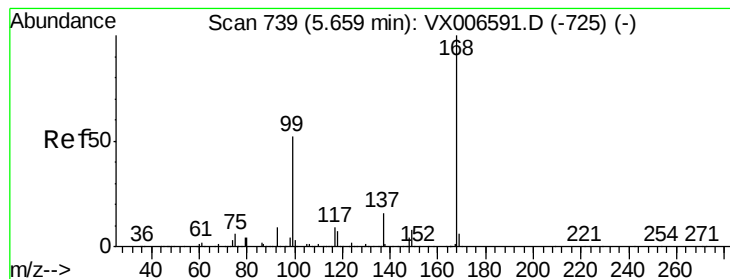
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010719\
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ClientSampled :
EO-02-010419-A

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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: VX006939.D

Acq: 07 Jan 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

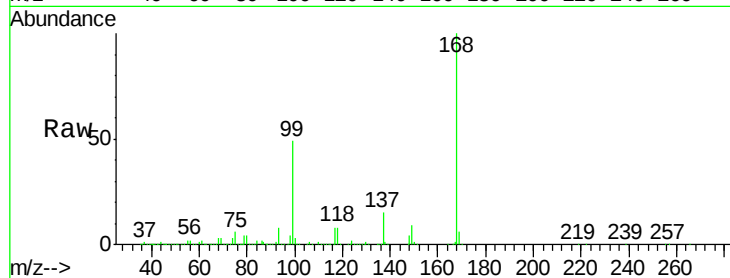
EO-02-010419-A

Tot Ion:168 Resp: 629089

Ion Ratio Lower Upper

168 100

99 49.4 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

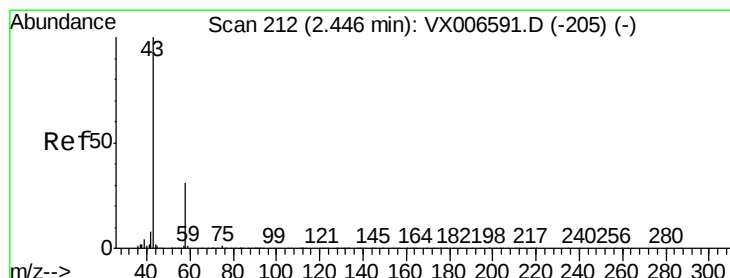
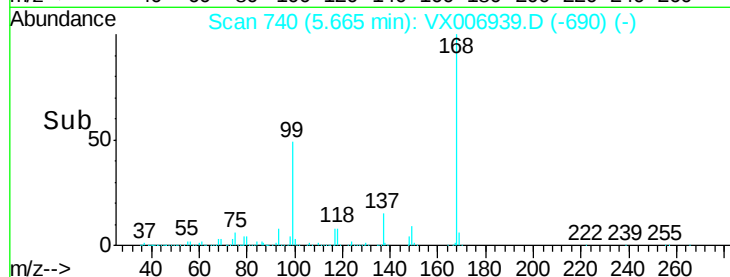
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 13.023 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006939.D

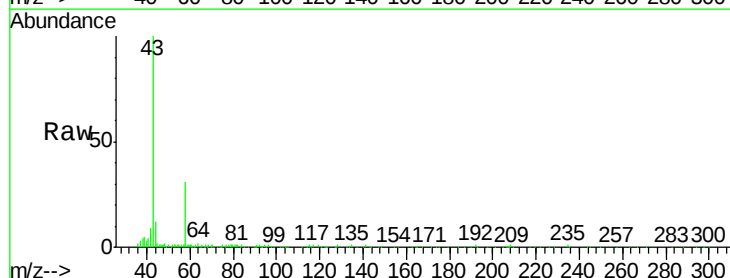
Acq: 07 Jan 2019 16:48

Tgt Ion: 43 Resp: 40566

Ion Ratio Lower Upper

43 100

58 31.0 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

25000

20000

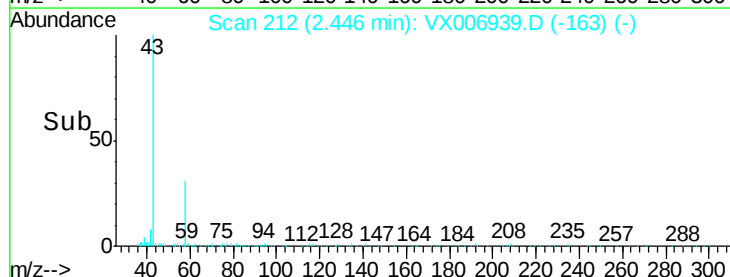
15000

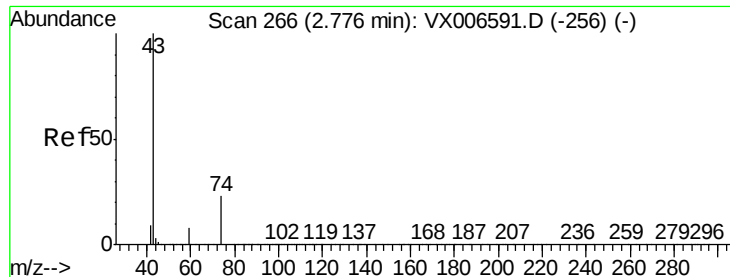
10000

5000

0

Time-->

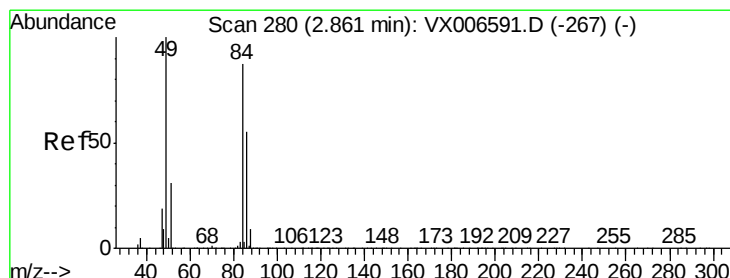
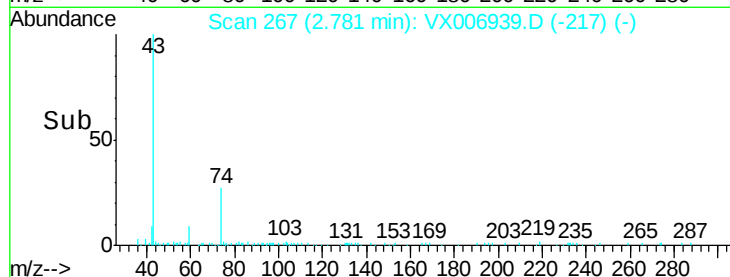
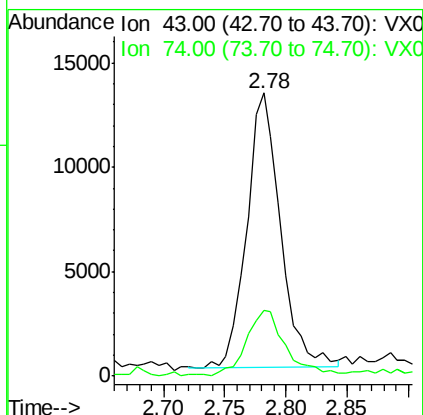
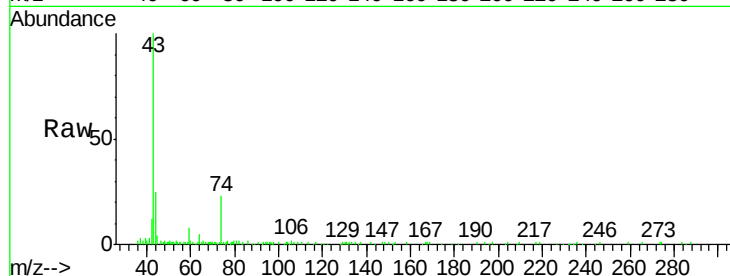




#18
Methyl Acetate
Concen: 2.760 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006939.D
Acq: 07 Jan 2019 16:48

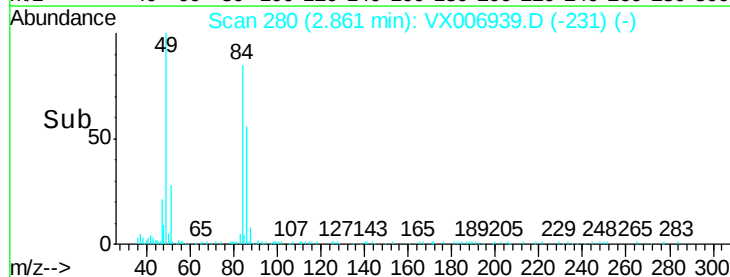
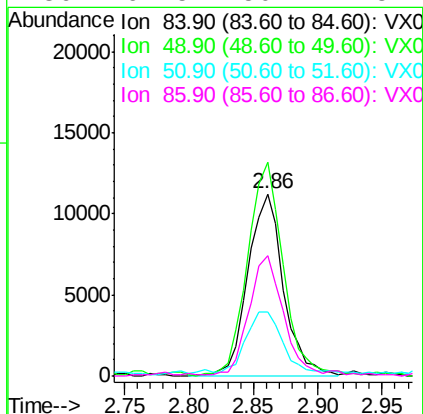
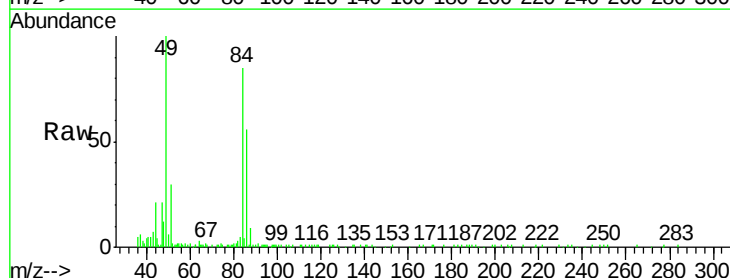
Instrument :
MSVOA_X
ClientSampleId :
EO-02-010419-A

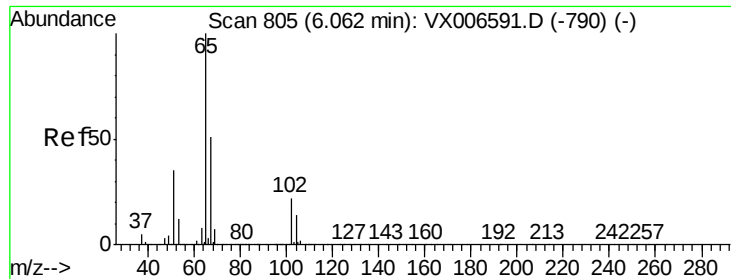
Tot Ion: 43 Resp: 25278
Ion Ratio Lower Upper
43 100
74 26.5 18.6 28.0



#20
Methylene Chloride
Concen: 3.319 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006939.D
Acq: 07 Jan 2019 16:48

Tgt Ion: 84 Resp: 21380
Ion Ratio Lower Upper
84 100
49 116.9 91.8 137.6
51 33.5 28.5 42.7
86 64.5 50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 48.136 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006939.D

Acq: 07 Jan 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

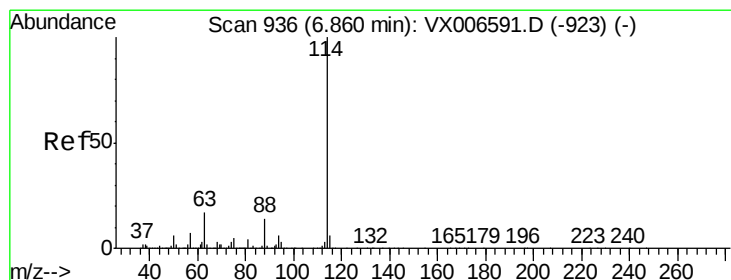
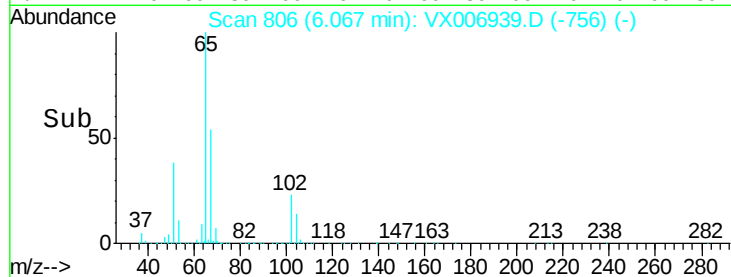
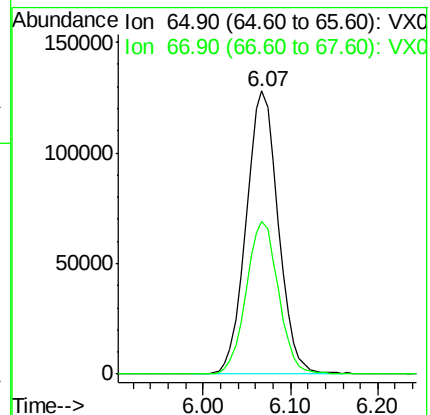
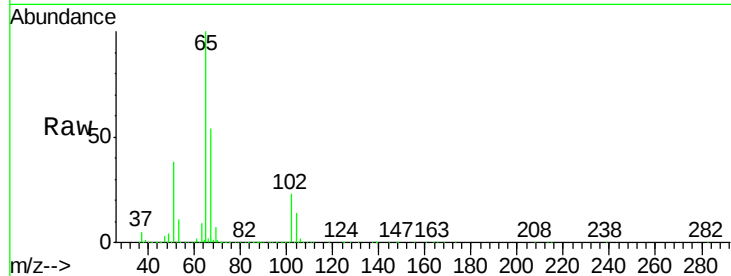
EO-02-010419-A

Tot Ion: 65 Resp: 326366

Ion Ratio Lower Upper

65 100

67 54.3 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006939.D

Acq: 07 Jan 2019 16:48

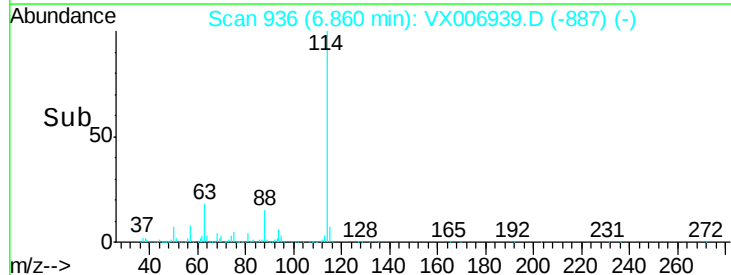
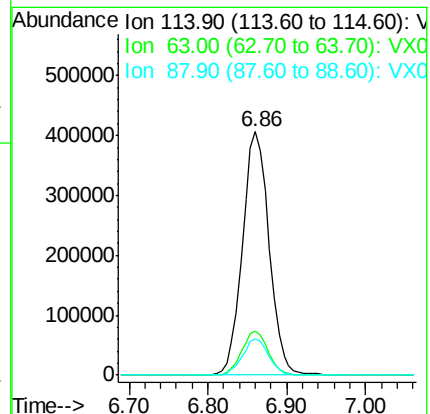
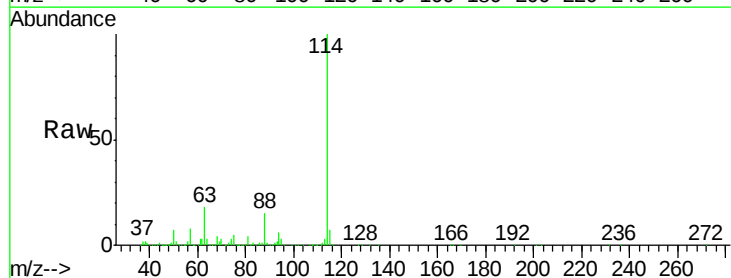
Tgt Ion: 114 Resp: 957539

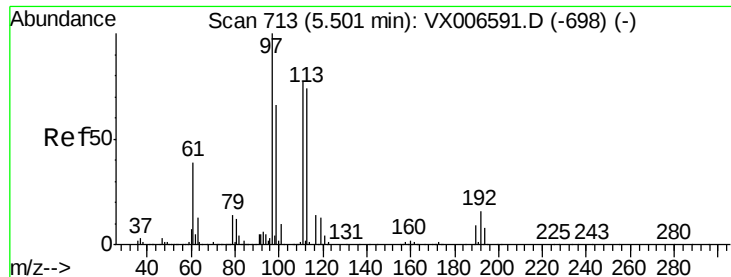
Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

88 14.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.842 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006939.D

Acq: 07 Jan 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

EO-02-010419-A

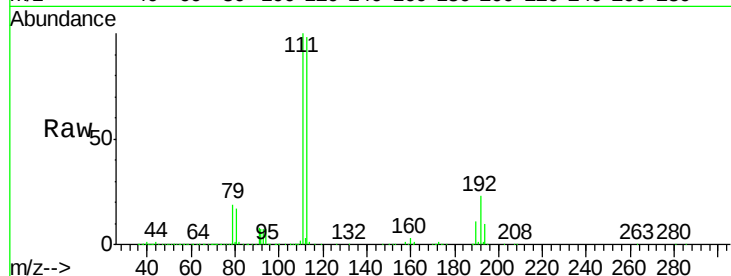
Tot Ion:113 Resp: 289700

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

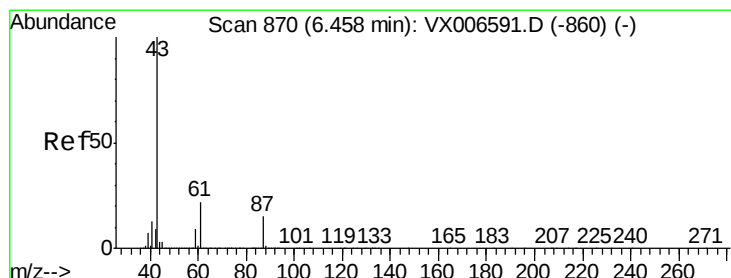
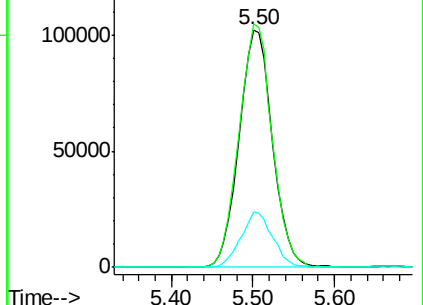
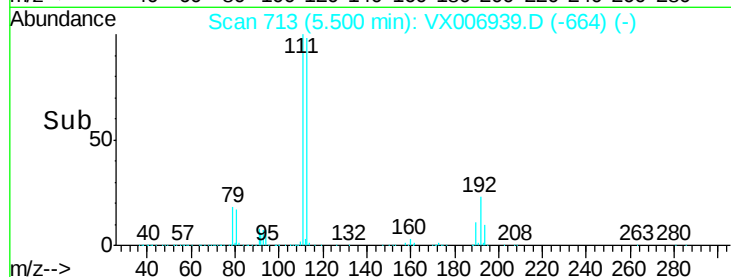
192 22.3 16.7 25.1



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: 2.257 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006939.D

Acq: 07 Jan 2019 16:48

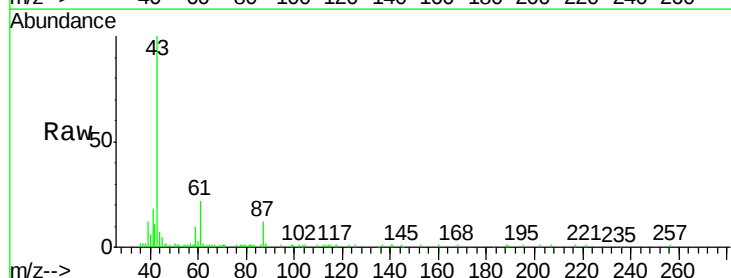
Tgt Ion: 43 Resp: 28349

Ion Ratio Lower Upper

43 100

61 23.3 16.8 25.2

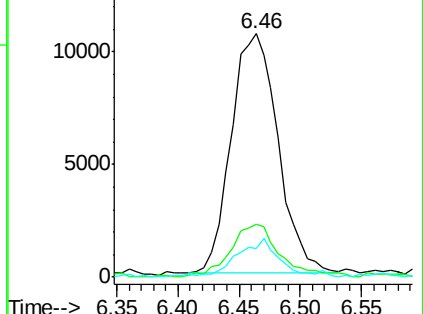
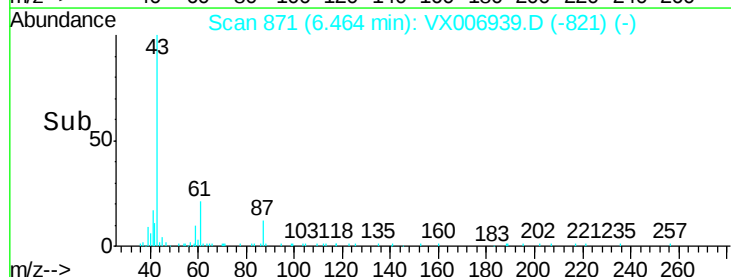
87 14.4 12.4 18.6

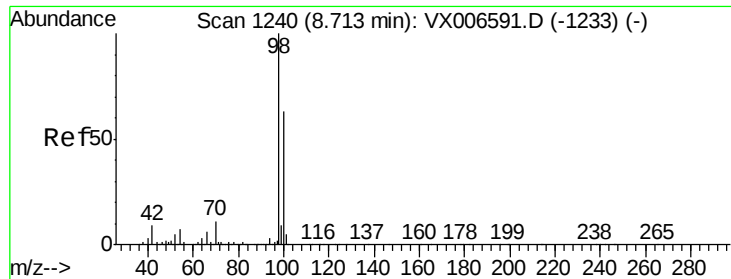


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.988 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006939.D

Acq: 07 Jan 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

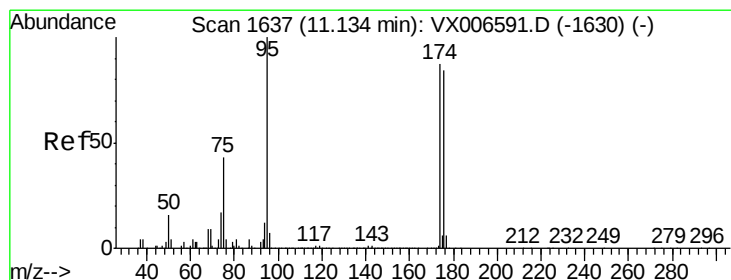
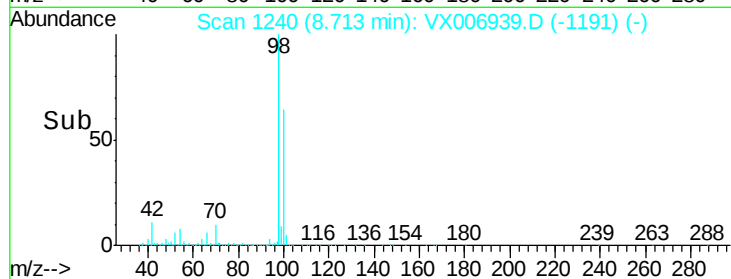
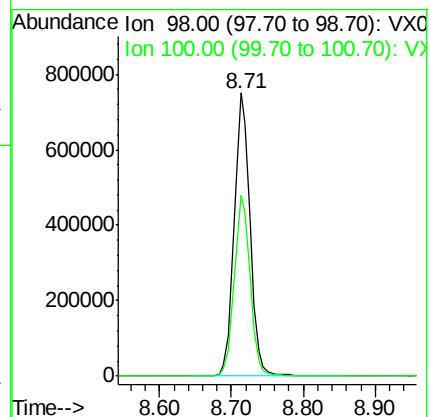
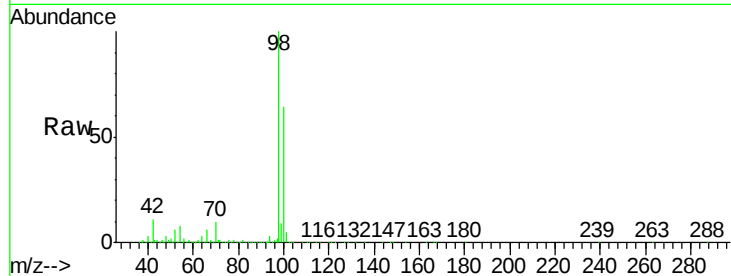
EO-02-010419-A

Tot Ion: 98 Resp: 1163991

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.648 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006939.D

Acq: 07 Jan 2019 16:48

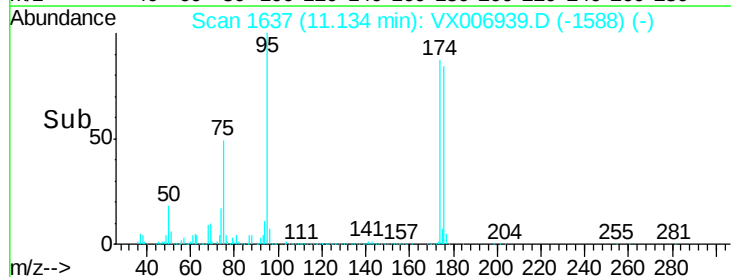
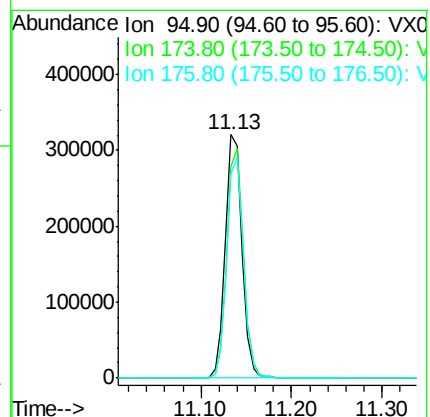
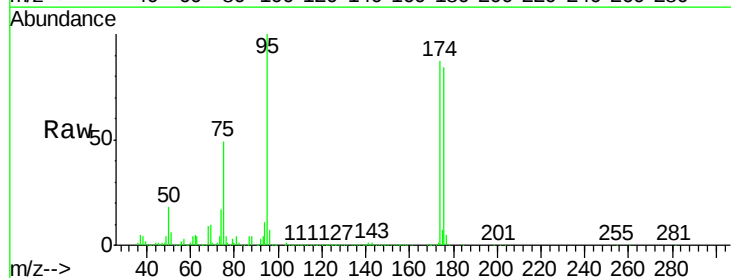
Tgt Ion: 95 Resp: 415100

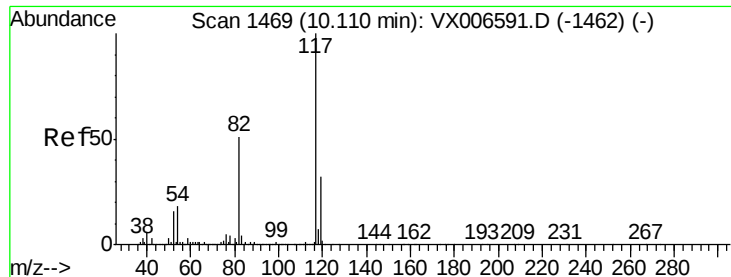
Ion Ratio Lower Upper

95 100

174 93.6 0.0 182.2

176 90.3 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: VX006939.D

Acq: 07 Jan 2019 16:48

Instrument :

MSVOA_X

ClientSampleId :

EO-02-010419-A

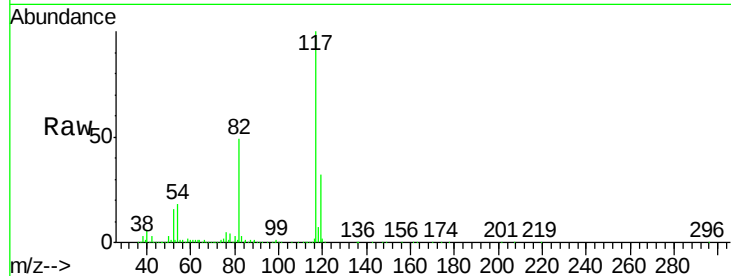
Tot Ion:117 Resp: 920116

Ion Ratio Lower Upper

117 100

82 49.0 41.0 61.6

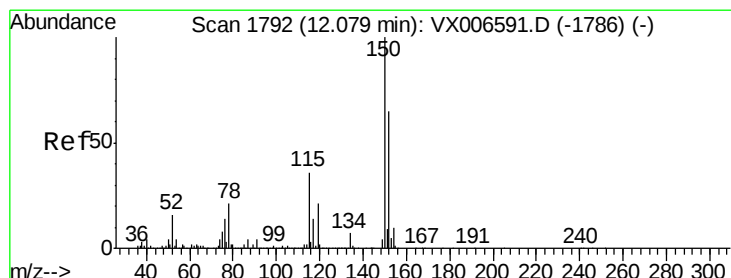
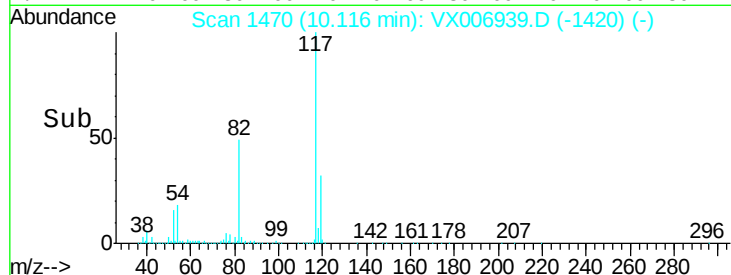
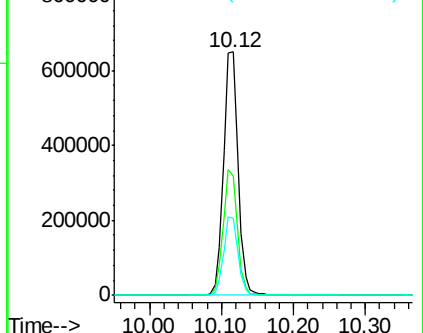
119 31.8 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006939.D

Acq: 07 Jan 2019 16:48

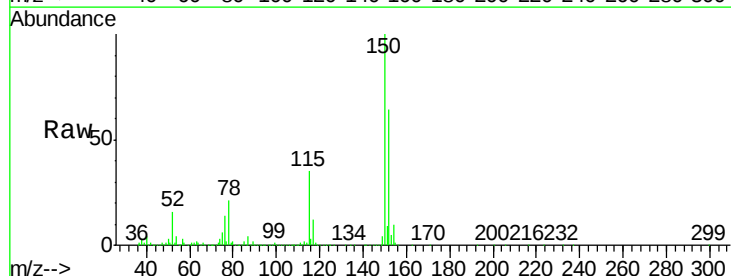
Tgt Ion:152 Resp: 446657

Ion Ratio Lower Upper

152 100

115 55.2 39.1 117.2

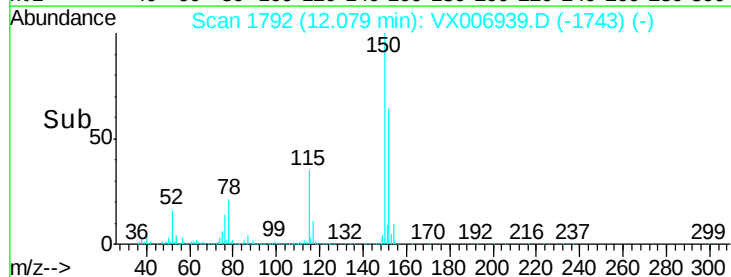
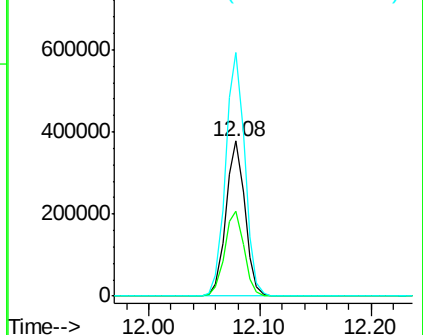
150 158.6 0.0 344.8

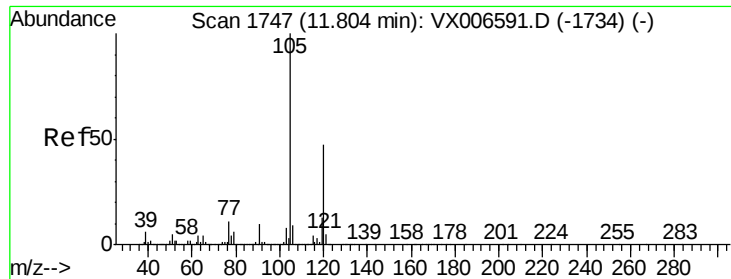


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

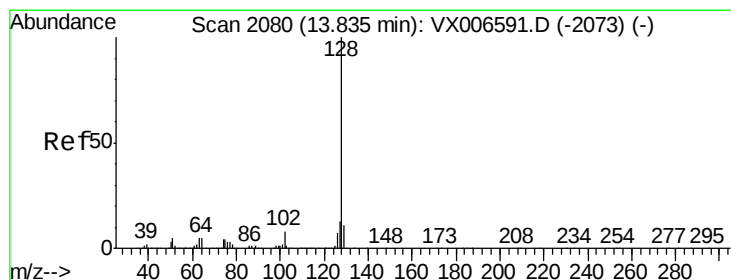
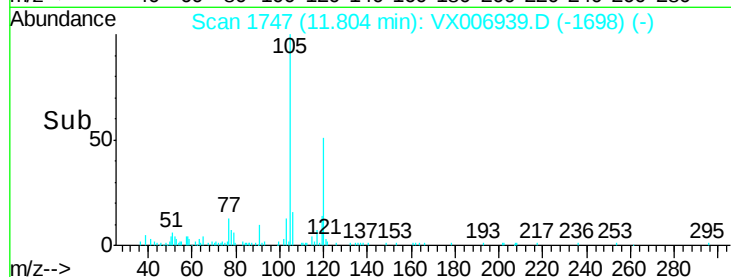
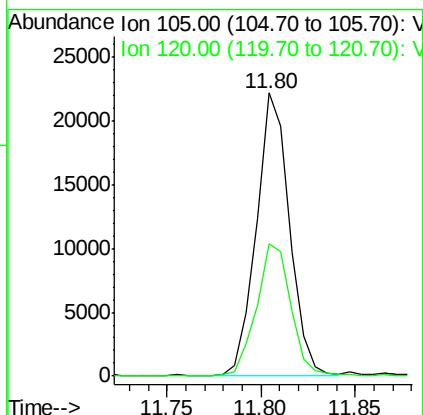
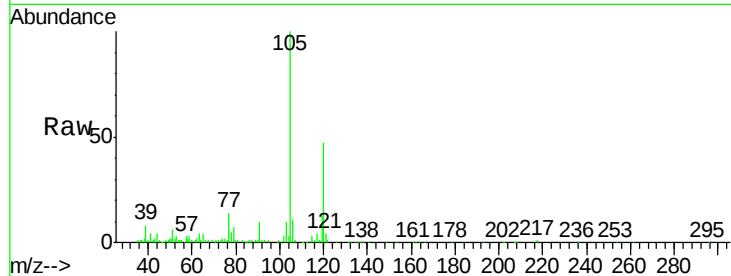




#84
 1,2,4-Trimethylbenzene
 Concen: 1.026 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006939.D
 Acq: 07 Jan 2019 16:48

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

Tot Ion:105 Resp: 27157
 Ion Ratio Lower Upper
 105 100
 120 48.8 23.2 69.6



#95
 Naphthalene
 Concen: 1.159 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX006939.D
 Acq: 07 Jan 2019 16:48

Tgt Ion:128 Resp: 38014
 Ion Ratio Lower Upper
 128 100
 127 15.4 10.1 15.1#
 129 14.6 8.6 13.0#

