

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010719\
 Data File : VX006942.D
 Acq On : 07 Jan 2019 18:08
 Operator : JC/MD
 Sample : K1010-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-03-010419

Quant Time: Jan 08 07:27:16 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	603749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	926314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	893909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	438849	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	321286	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
35) Dibromofluoromethane	5.50	113	279649	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
50) Toluene-d8	8.71	98	1130433	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.13	95	408226	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	

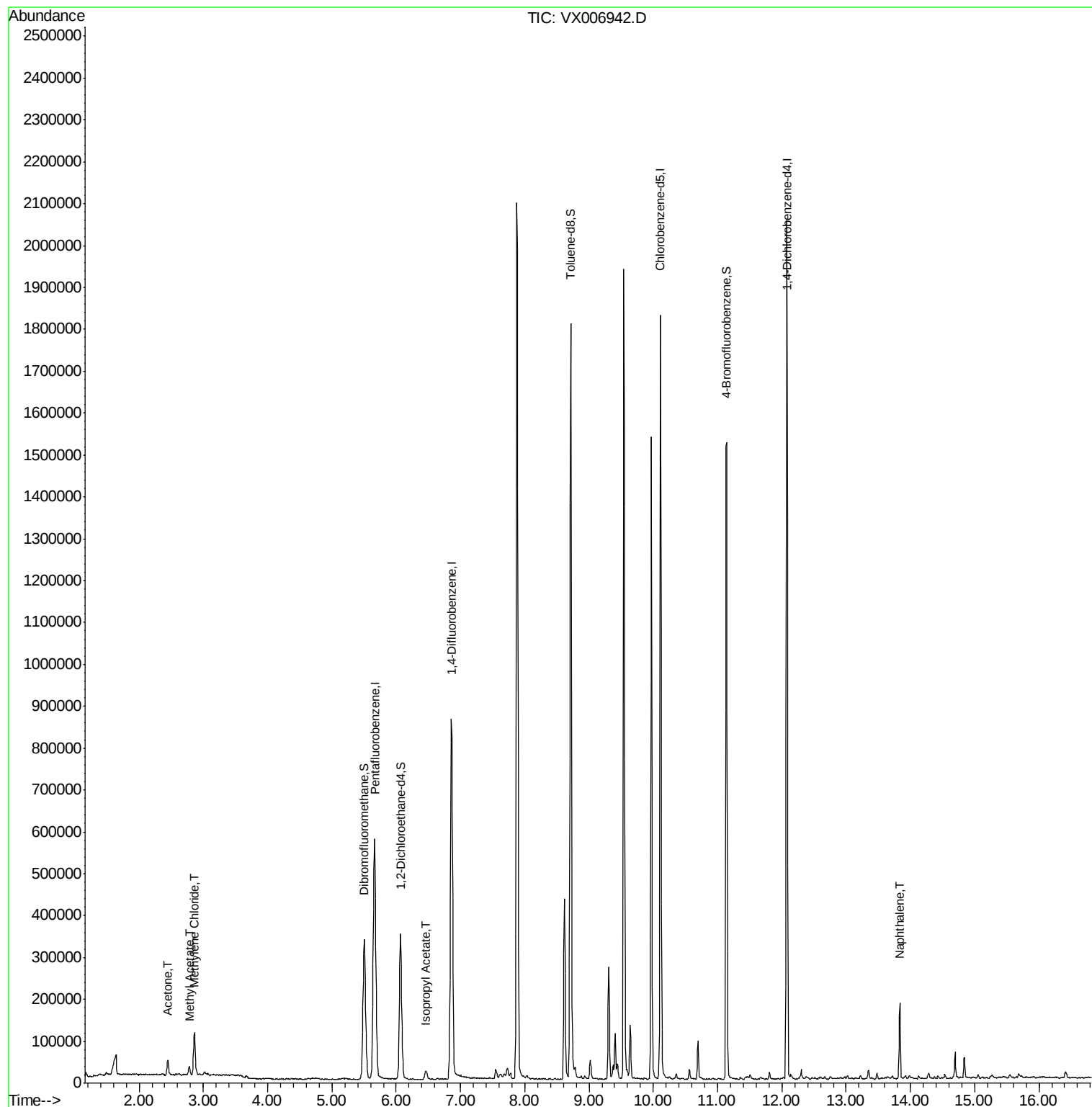
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	39856	13.332	ug/l	98
18) Methyl Acetate	2.78	43	26089	2.968	ug/l	99
20) Methylene Chloride	2.86	84	49065	7.937	ug/l	95
43) Isopropyl Acetate	6.46	43	27623	2.274	ug/l	99
95) Naphthalene	13.83	128	115147	3.574	ug/l	99

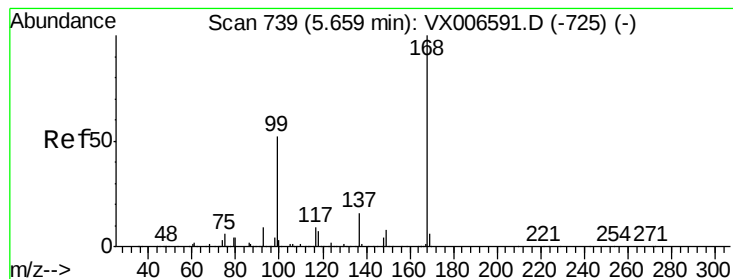
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010719\
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MSVOA_X
ClientSampled :
OK-03-010419

Quant Time: Jan 08 07:27:16 2019
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: VX006942.D

Acq: 07 Jan 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

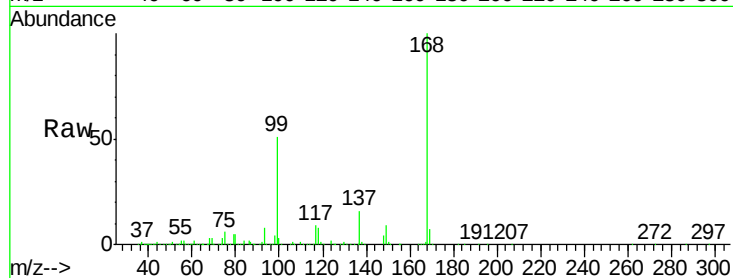
OK-03-010419

Tot Ion:168 Resp: 603749

Ion Ratio Lower Upper

168 100

99 50.4 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

200000

150000

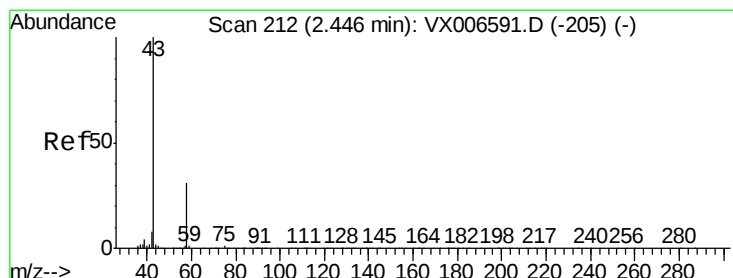
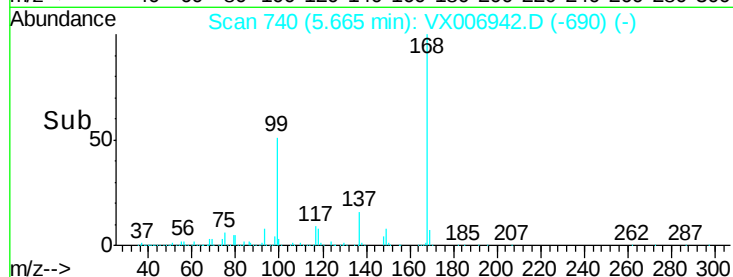
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.332 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006942.D

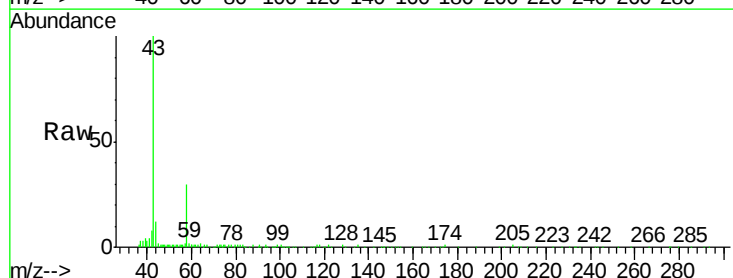
Acq: 07 Jan 2019 18:08

Tgt Ion: 43 Resp: 39856

Ion Ratio Lower Upper

43 100

58 30.1 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

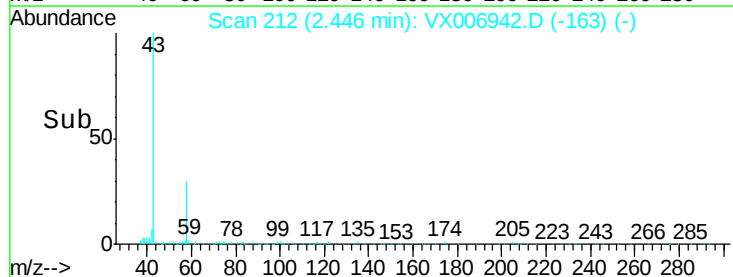
10000

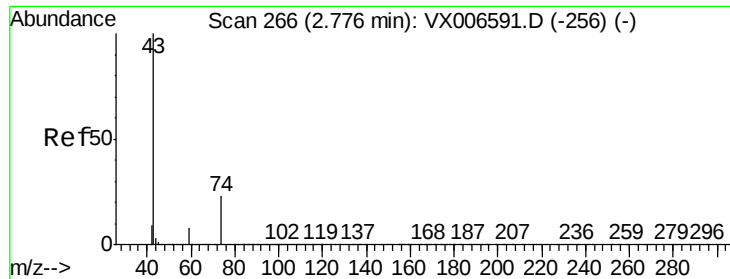
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0

Time-->

2.40 2.45 2.50

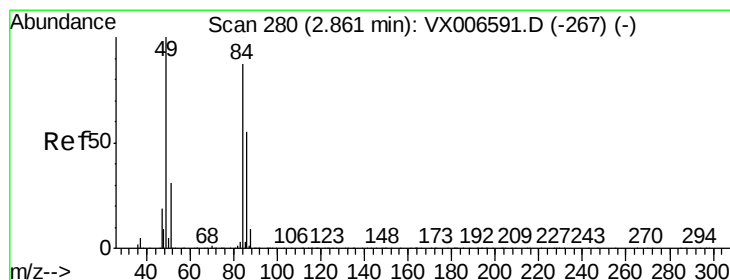
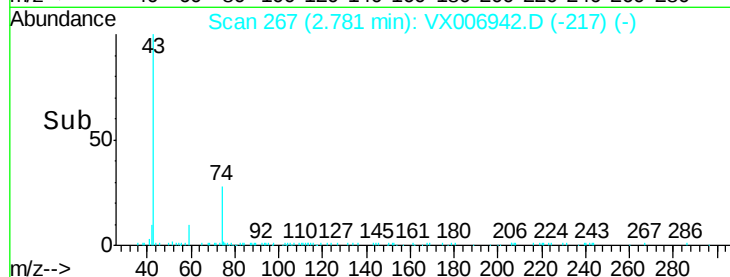
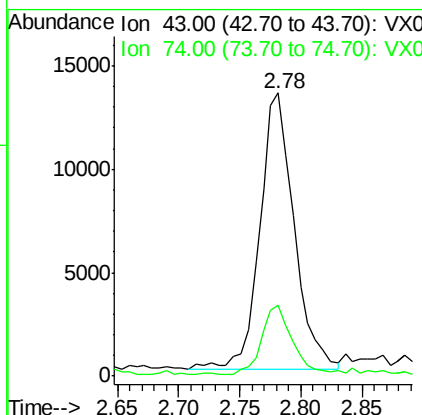
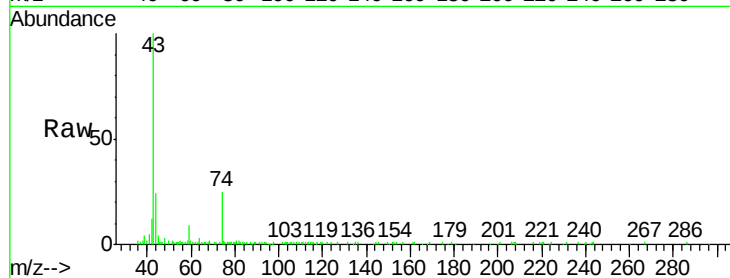




#18
Methyl Acetate
Concen: 2.968 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006942.D
Acq: 07 Jan 2019 18:08

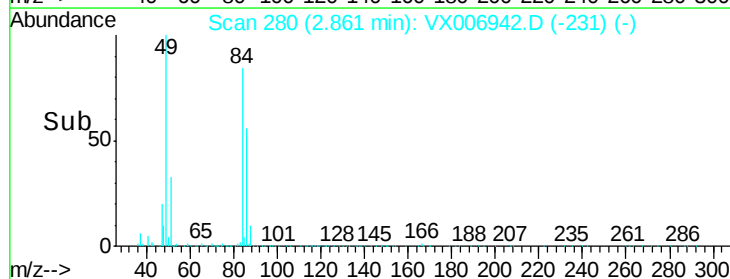
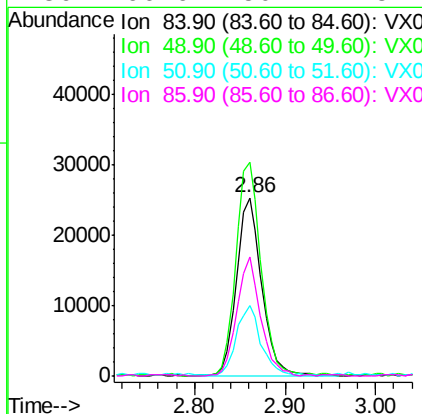
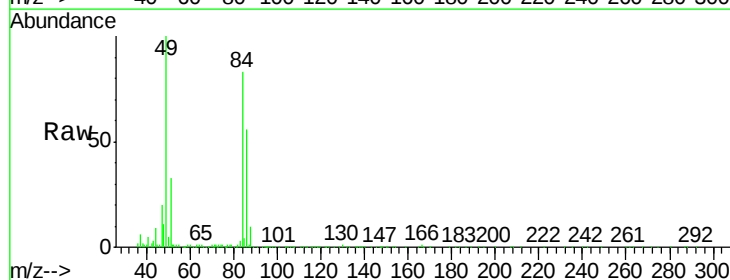
Instrument :
MSVOA_X
ClientSampleId :
OK-03-010419

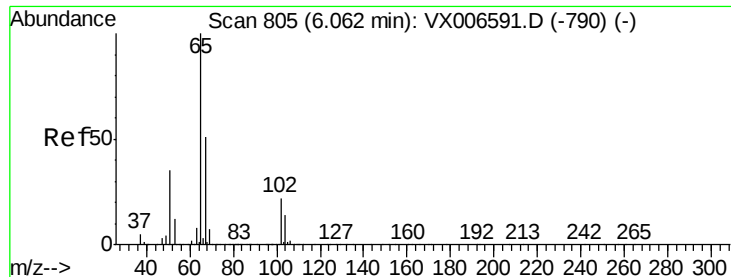
Tot Ion: 43 Resp: 26089
Ion Ratio Lower Upper
43 100
74 22.7 18.6 28.0



#20
Methylene Chloride
Concen: 7.937 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006942.D
Acq: 07 Jan 2019 18:08

Tgt Ion: 84 Resp: 49065
Ion Ratio Lower Upper
84 100
49 119.4 91.8 137.6
51 38.2 28.5 42.7
86 66.6 50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 49.376 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006942.D

Acq: 07 Jan 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

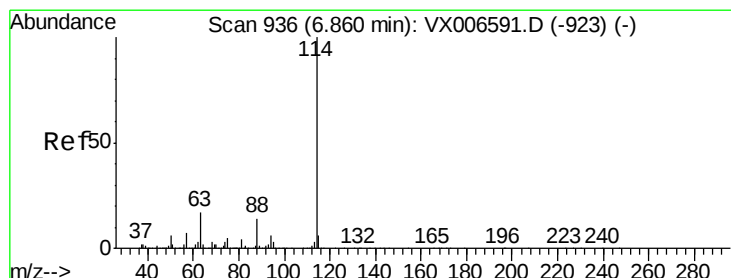
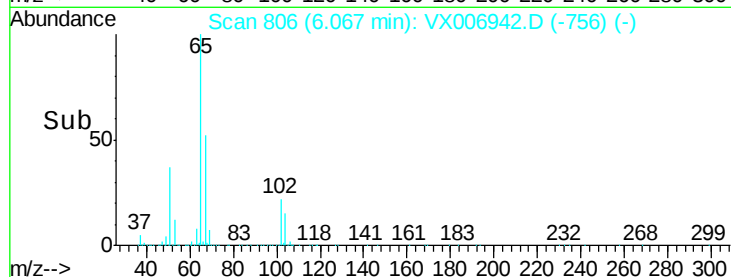
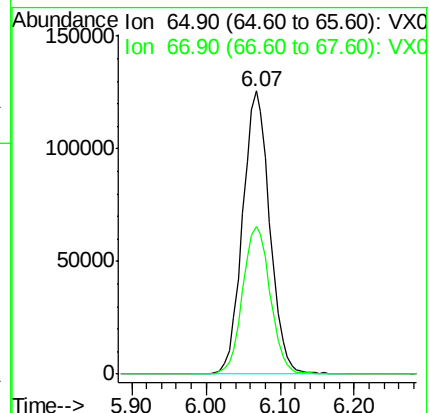
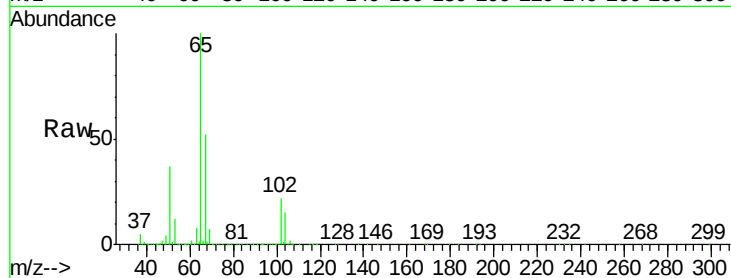
OK-03-010419

Tot Ion: 65 Resp: 321286

Ion Ratio Lower Upper

65 100

67 53.4 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: VX006942.D

Acq: 07 Jan 2019 18:08

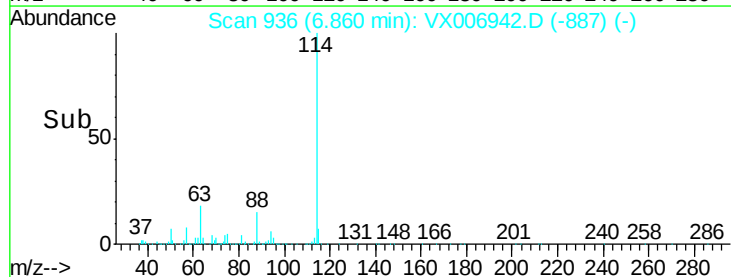
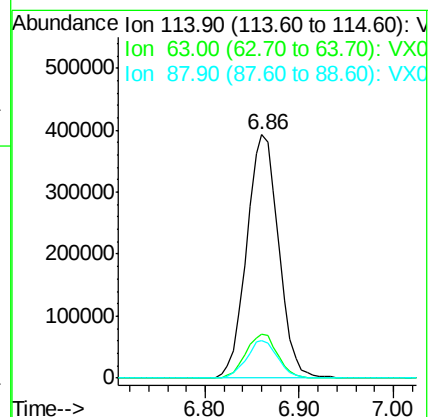
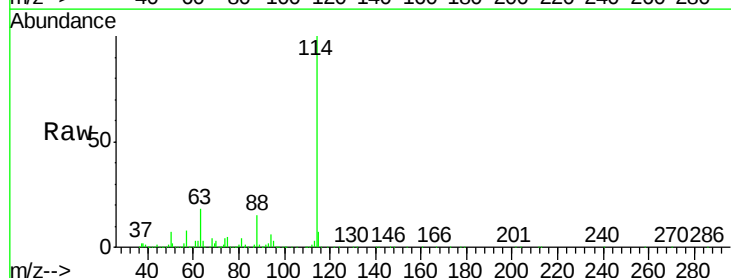
Tgt Ion: 114 Resp: 926314

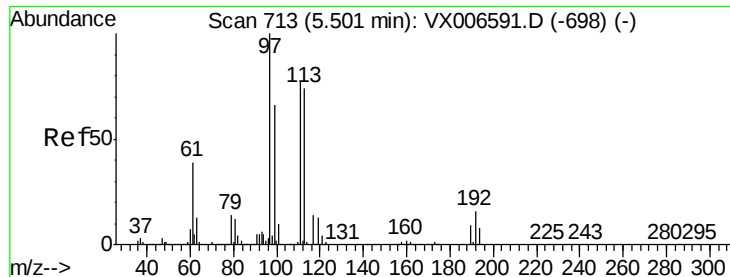
Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

88 15.3 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.739 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006942.D

Acq: 07 Jan 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

OK-03-010419

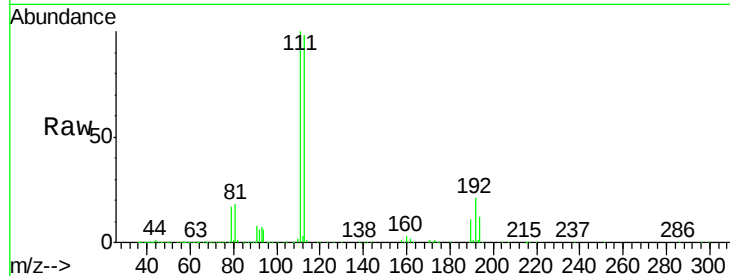
Tot Ion:113 Resp: 279649

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

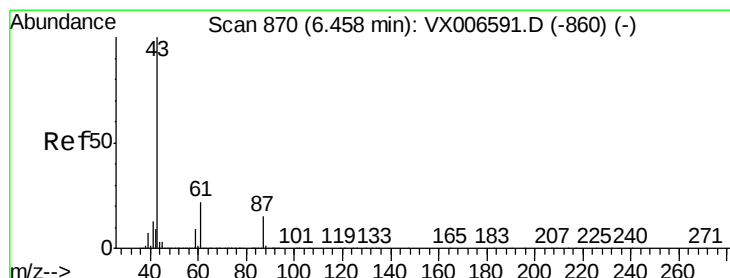
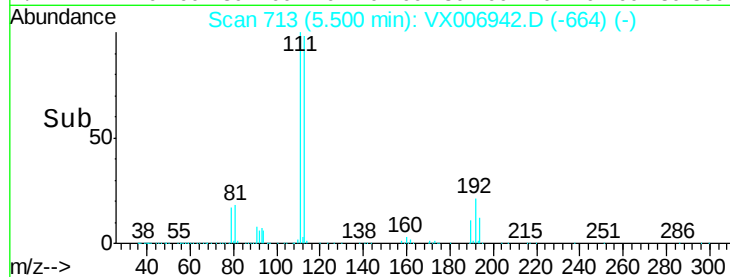
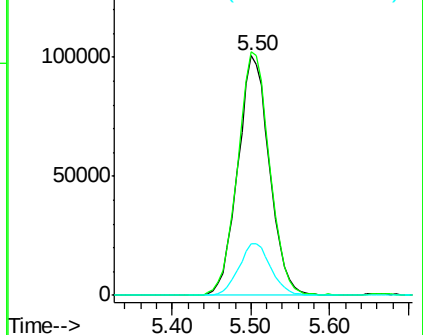
192 22.1 16.7 25.1



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: 2.274 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006942.D

Acq: 07 Jan 2019 18:08

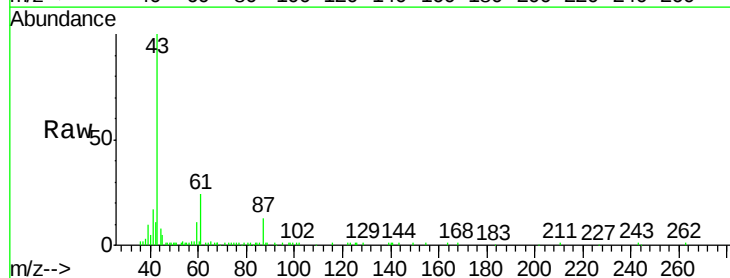
Tgt Ion: 43 Resp: 27623

Ion Ratio Lower Upper

43 100

61 21.5 16.8 25.2

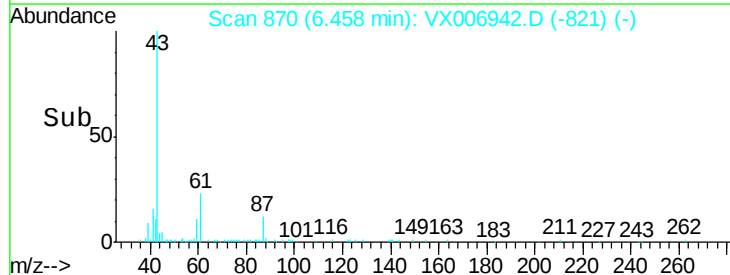
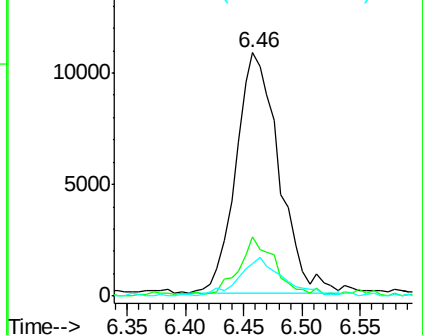
87 16.3 12.4 18.6

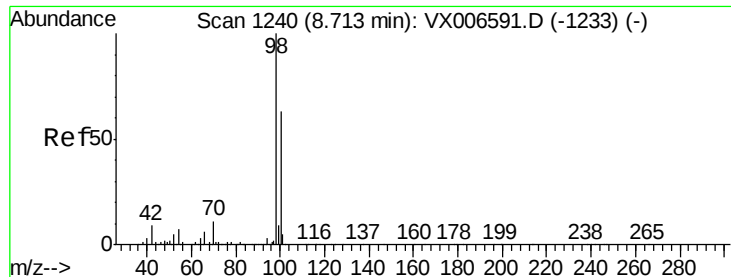


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.187 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006942.D

Acq: 07 Jan 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

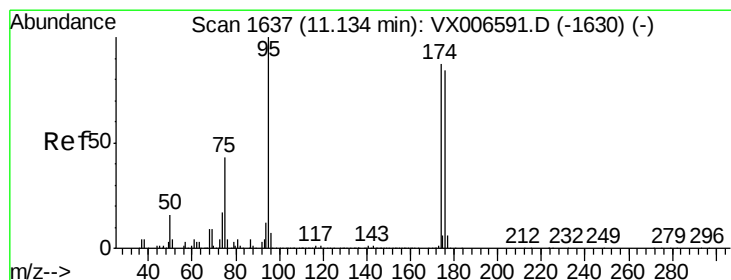
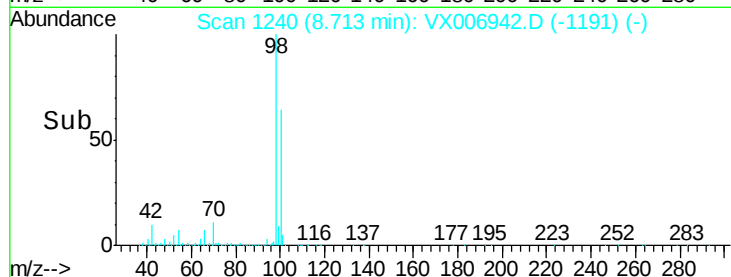
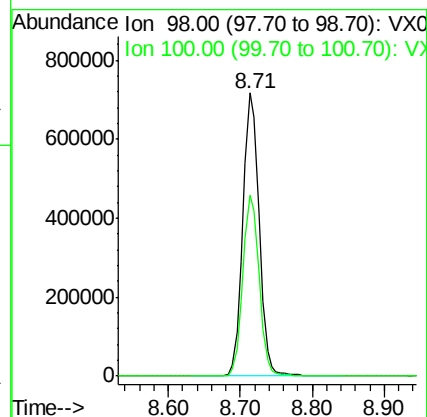
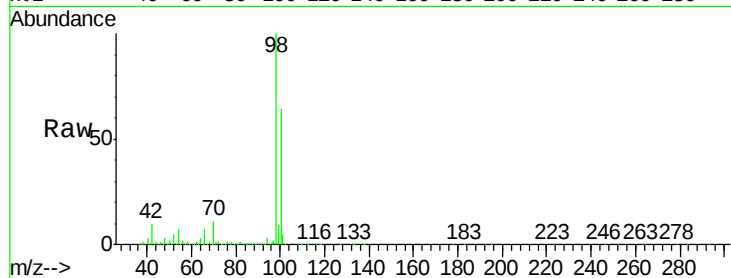
OK-03-010419

Tot Ion: 98 Resp: 1130433

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 50.472 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006942.D

Acq: 07 Jan 2019 18:08

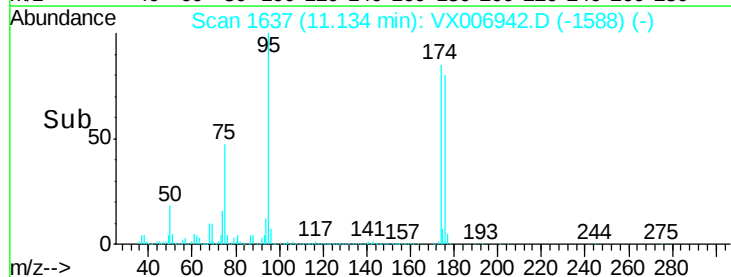
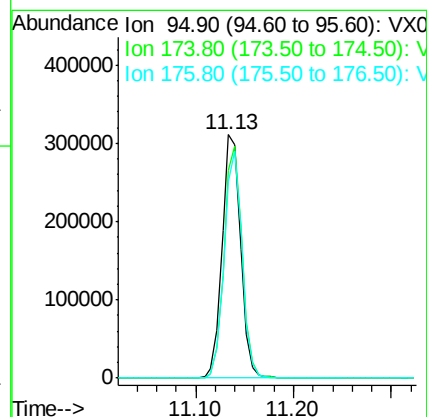
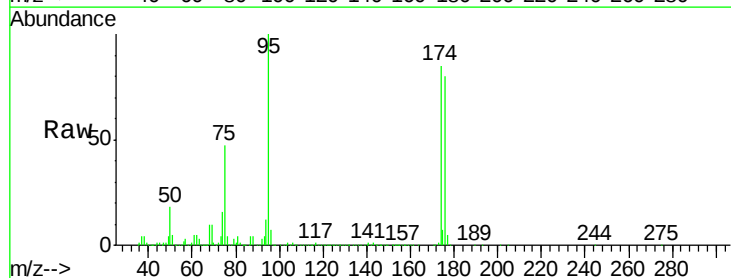
Tgt Ion: 95 Resp: 408226

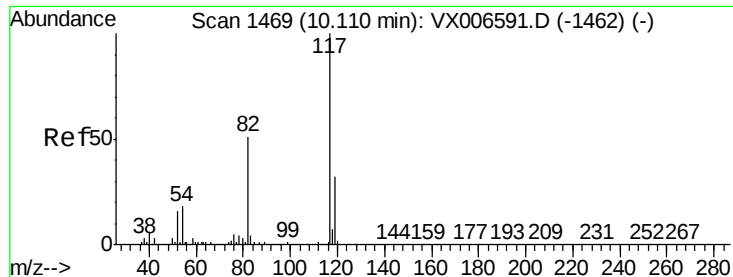
Ion Ratio Lower Upper

95 100

174 92.8 0.0 182.2

176 90.3 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX006942.D

Acq: 07 Jan 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

OK-03-010419

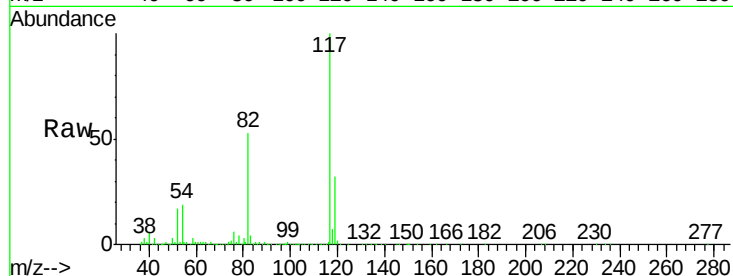
Tot Ion:117 Resp: 893909

Ion Ratio Lower Upper

117 100

82 52.6 41.0 61.6

119 31.7 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

800000

600000

400000

200000

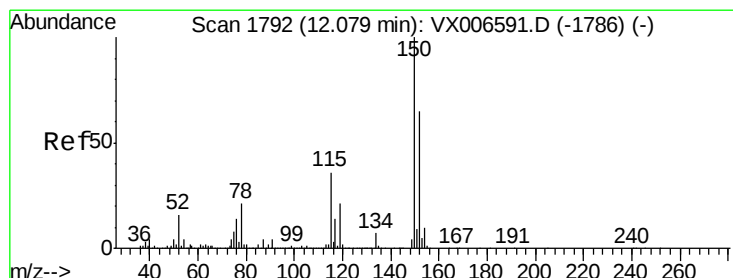
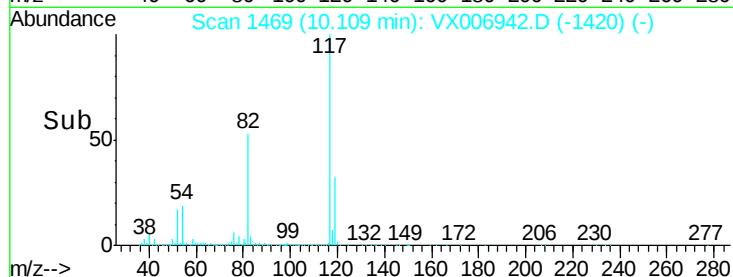
0

10.11

10.10

10.20

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006942.D

Acq: 07 Jan 2019 18:08

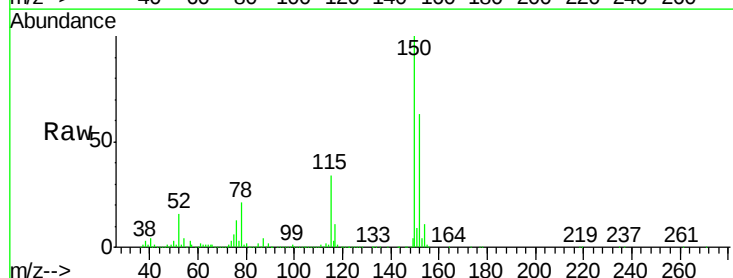
Tgt Ion:152 Resp: 438849

Ion Ratio Lower Upper

152 100

115 54.2 39.1 117.2

150 157.0 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

800000

600000

400000

200000

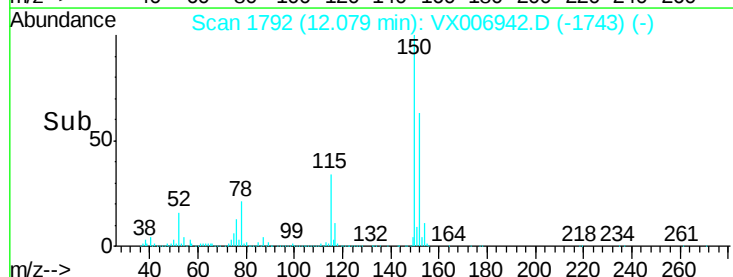
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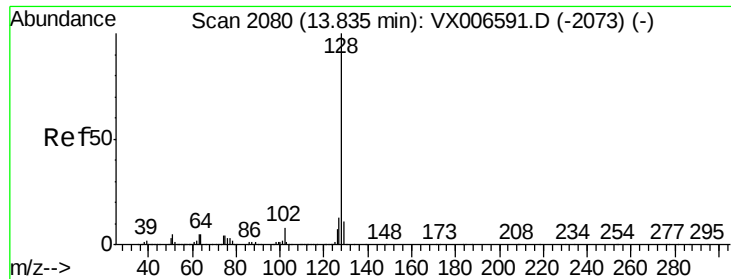
12.08

12.10

12.15

Time-->





#95
Naphthalene
Concen: 3.574 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006942.D
Acq: 07 Jan 2019 18:08

Instrument :
MSVOA_X
ClientSampleId :
OK-03-010419

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	11.5	8.6	13.0

