

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010719\
 Data File : VX006941.D
 Acq On : 07 Jan 2019 17:41
 Operator : JC/MD
 Sample : K1012-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jan 08 07:24:23 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	617205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	951889	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	894275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	446406	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	323368	48.61	ug/l	0.00
Spiked Amount						
			Recovery	=	97.22%	
35) Dibromofluoromethane	5.50	113	286240	47.55	ug/l	0.00
Spiked Amount						
			Recovery	=	95.10%	
50) Toluene-d8	8.71	98	1150387	50.69	ug/l	0.00
Spiked Amount						
			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	11.13	95	414379	49.86	ug/l	0.00
Spiked Amount						
			Recovery	=	99.72%	

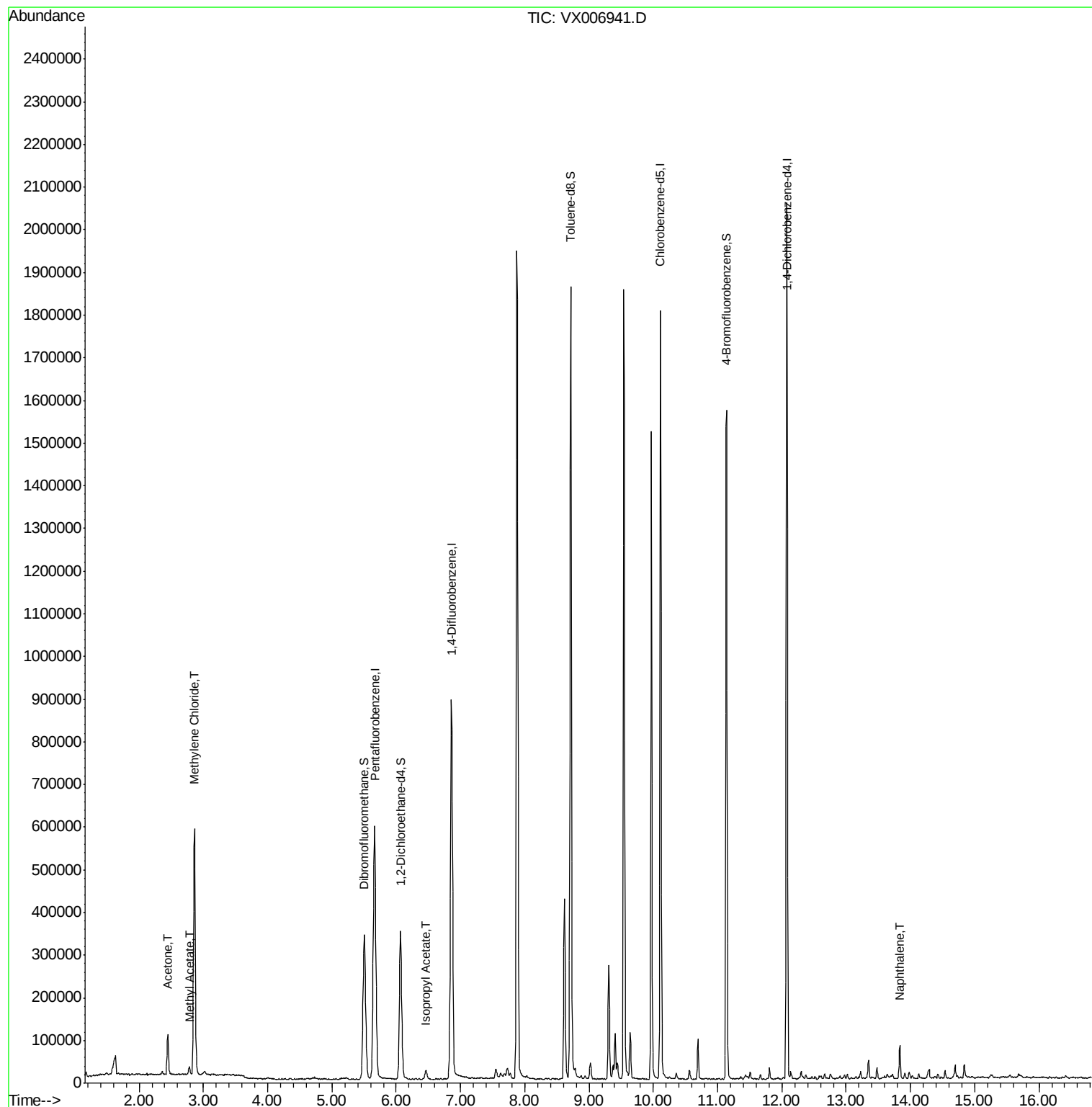
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	101795	33.309	ug/l	98
18) Methyl Acetate	2.78	43	24148	2.687	ug/l	92
20) Methylene Chloride	2.86	84	269143	42.589	ug/l	95
43) Isopropyl Acetate	6.46	43	27687	2.218	ug/l #	89
95) Naphthalene	13.83	128	50457	1.540	ug/l	97

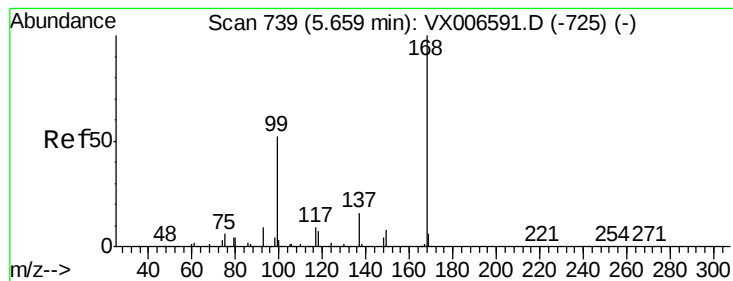
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006941.D

Acq: 07 Jan 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

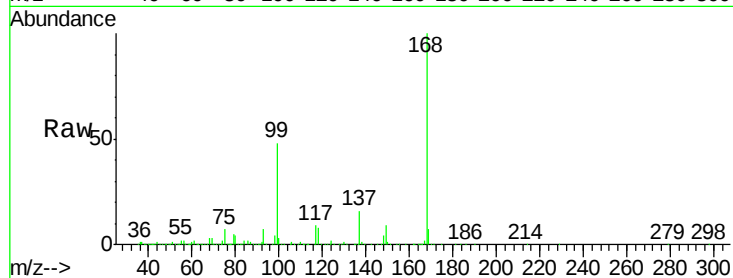
EO-02-010419-C

Tot Ion:168 Resp: 617205

Ion Ratio Lower Upper

168 100

99 48.1 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

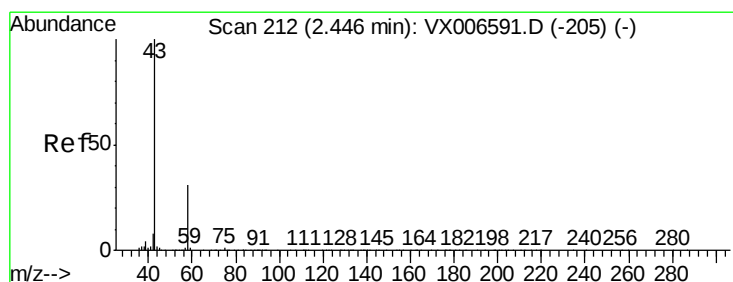
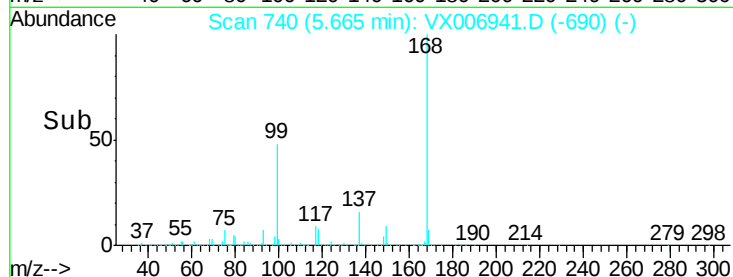
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 33.309 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006941.D

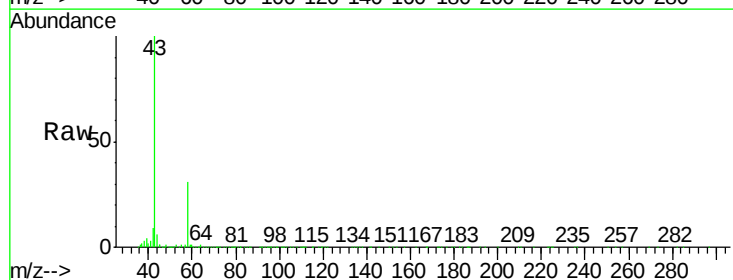
Acq: 07 Jan 2019 17:41

Tgt Ion: 43 Resp: 101795

Ion Ratio Lower Upper

43 100

58 30.3 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

60000

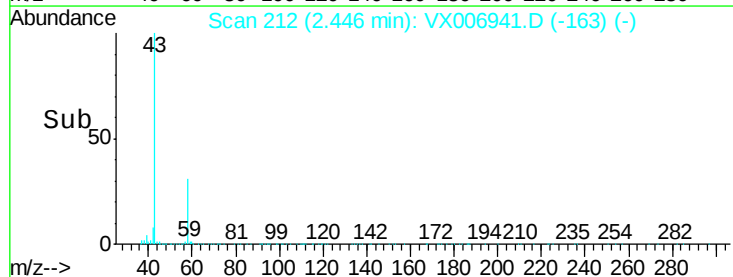
40000

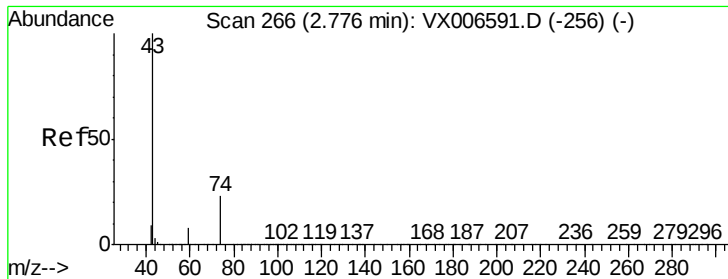
20000

0

Time-->

2.35 2.40 2.45 2.50 2.55

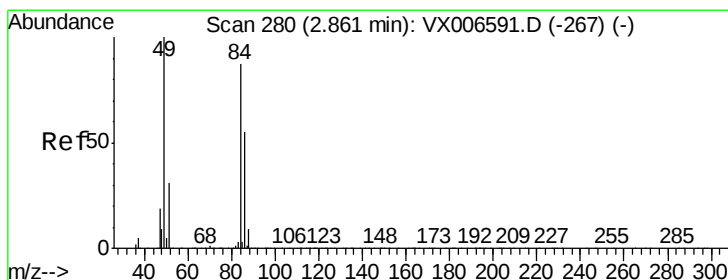
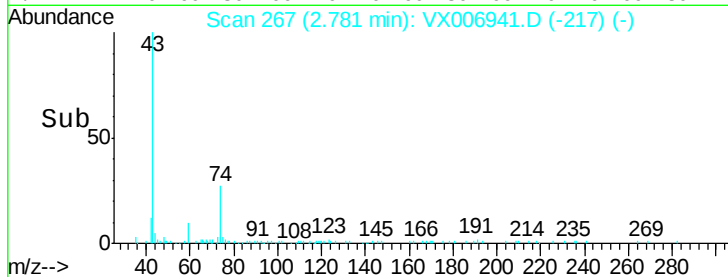
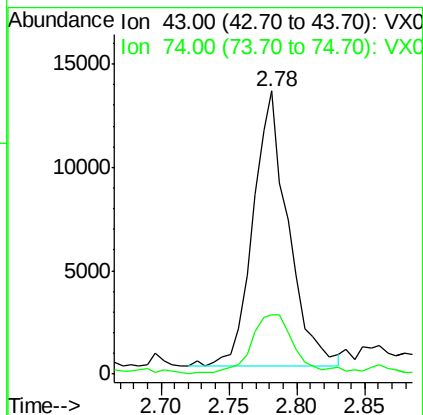
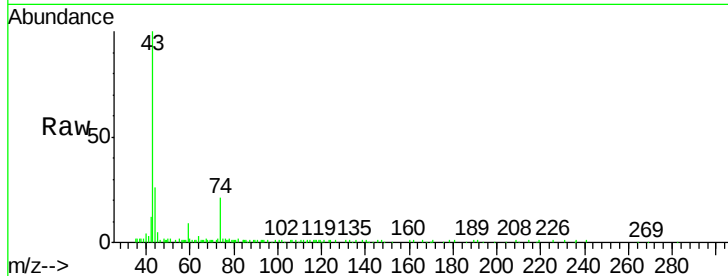




#18
Methyl Acetate
Concen: 2.687 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006941.D
Acq: 07 Jan 2019 17:41

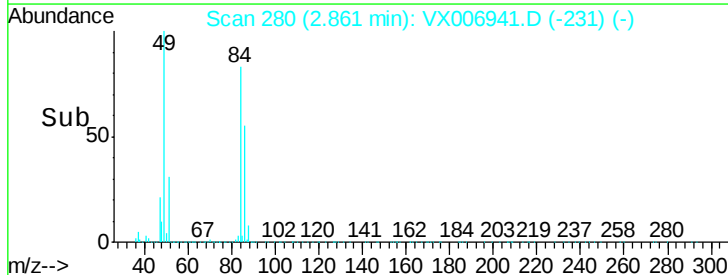
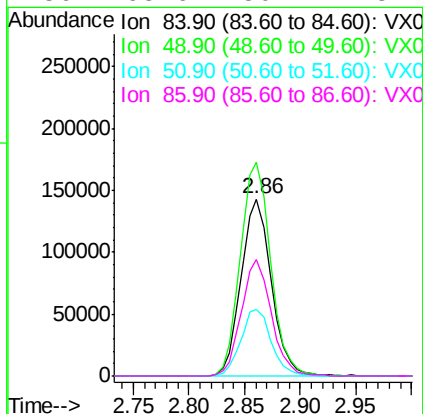
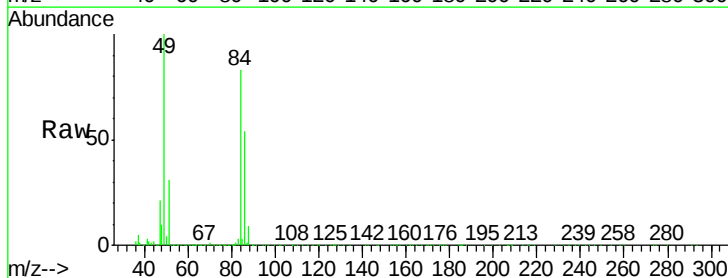
Instrument :
MSVOA_X
ClientSampleId :
EO-02-010419-C

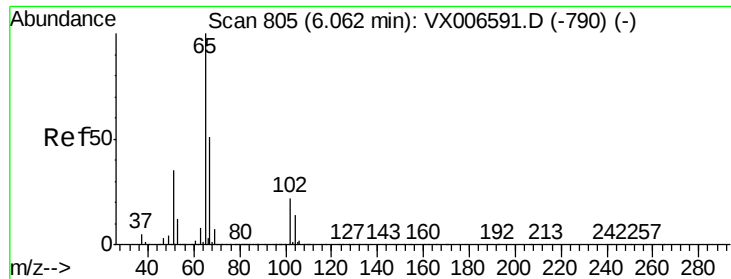
Tot Ion: 43 Resp: 24148
Ion Ratio Lower Upper
43 100
74 27.2 18.6 28.0



#20
Methylene Chloride
Concen: 42.589 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006941.D
Acq: 07 Jan 2019 17:41

Tgt Ion: 84 Resp: 269143
Ion Ratio Lower Upper
84 100
49 120.6 91.8 137.6
51 37.4 28.5 42.7
86 65.6 50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 48.612 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006941.D

Acq: 07 Jan 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

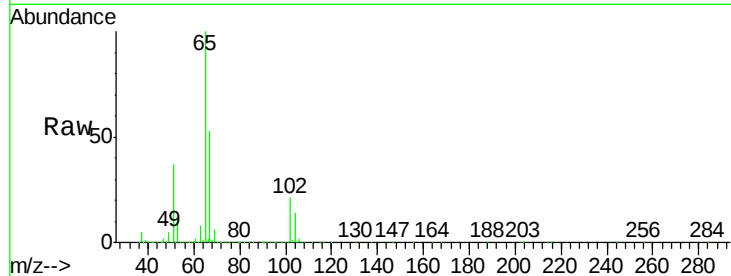
EO-02-010419-C

Tot Ion: 65 Resp: 323368

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX006591.D (-790) (-)

Ion 66.90 (66.60 to 67.60): VX006591.D (-790) (-)

6.07

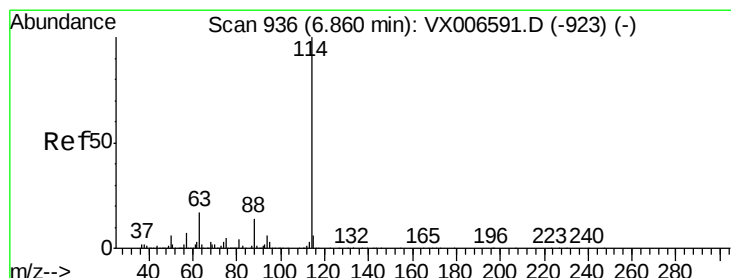
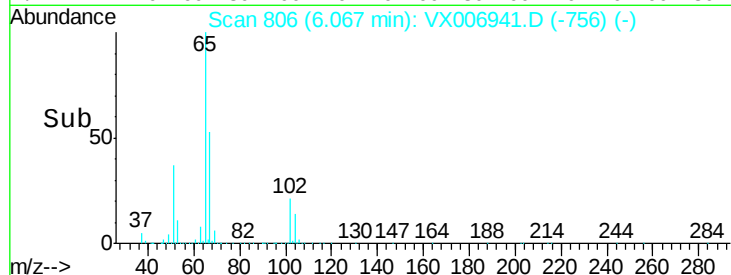
150000

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: VX006941.D

Acq: 07 Jan 2019 17:41

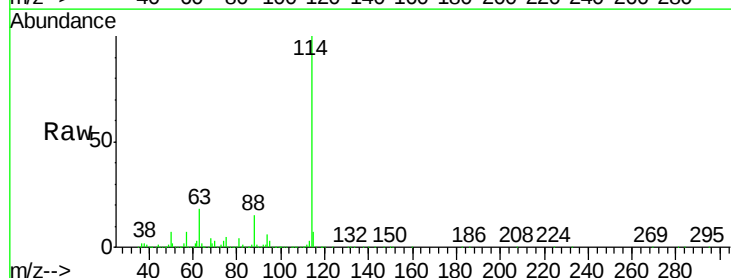
Tgt Ion: 114 Resp: 951889

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

88 15.1 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): VX006591.D (-923) (-)

Ion 63.00 (62.70 to 63.70): VX006591.D (-923) (-)

Ion 87.90 (87.60 to 88.60): VX006591.D (-923) (-)

6.86

500000

400000

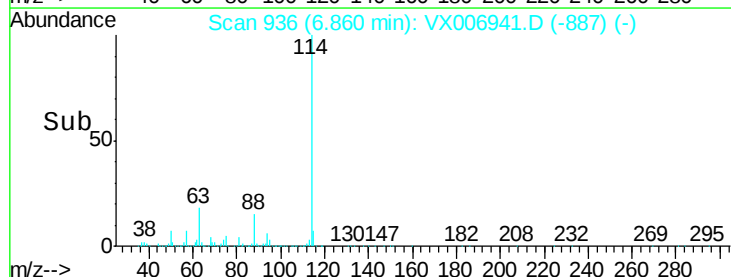
300000

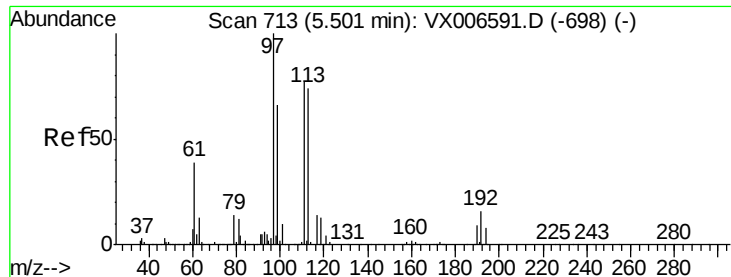
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.552 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006941.D

Acq: 07 Jan 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

EO-02-010419-C

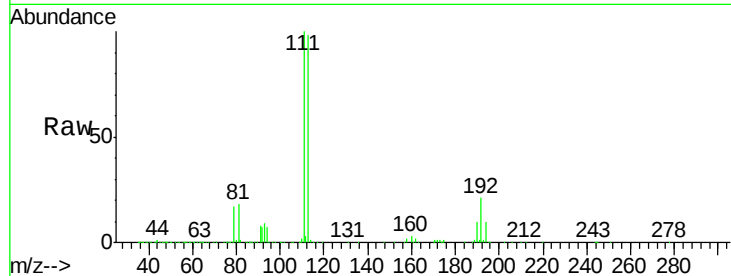
Tot Ion:113 Resp: 286240

Ion Ratio Lower Upper

113 100

111 103.6 81.6 122.4

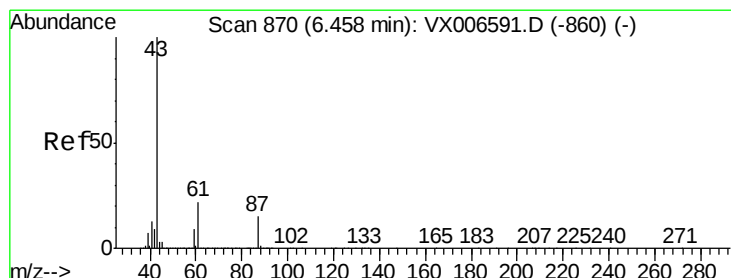
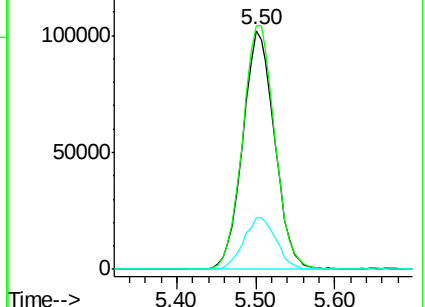
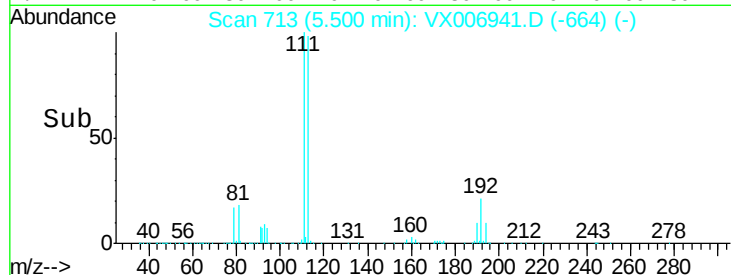
192 22.3 16.7 25.1



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: 2.218 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006941.D

Acq: 07 Jan 2019 17:41

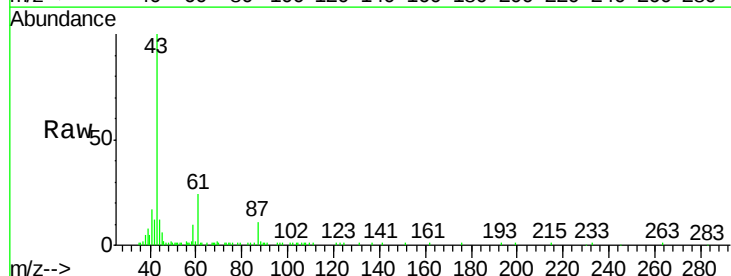
Tgt Ion: 43 Resp: 27687

Ion Ratio Lower Upper

43 100

61 17.9 16.8 25.2

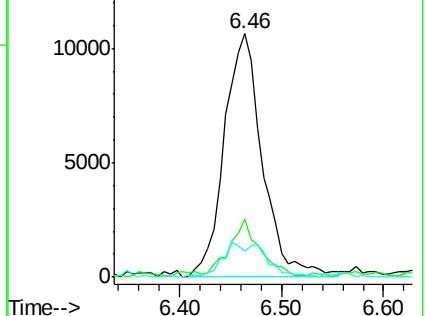
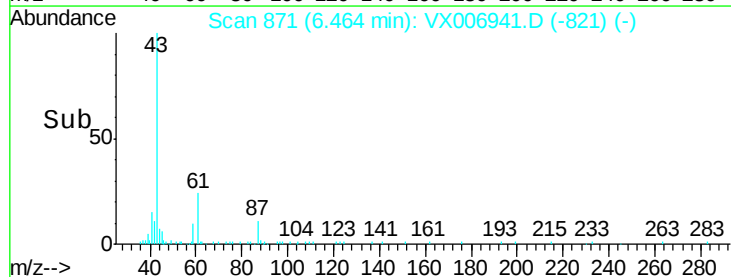
87 8.4 12.4 18.6#

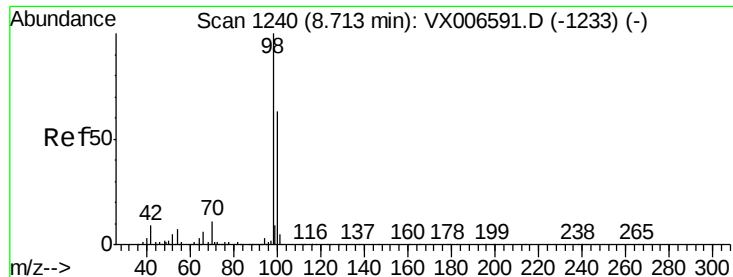


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.691 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006941.D

Acq: 07 Jan 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

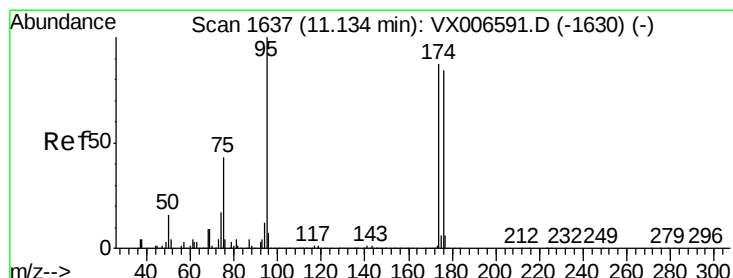
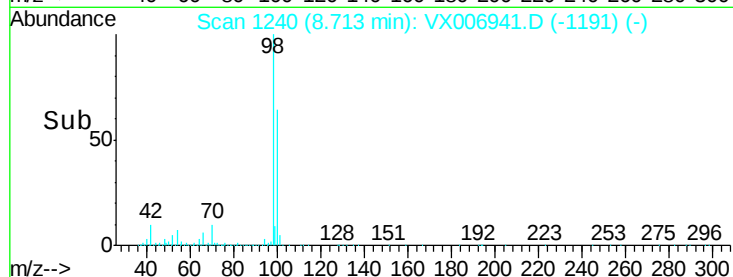
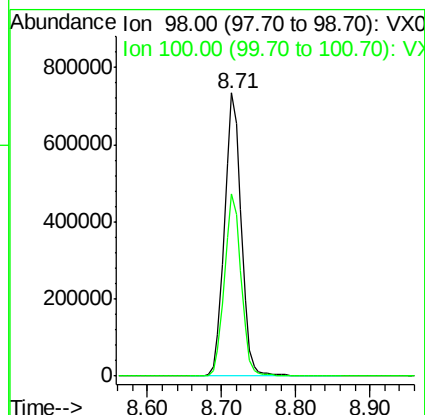
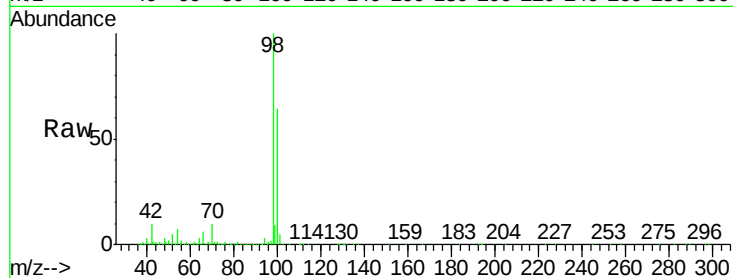
EO-02-010419-C

Tot Ion: 98 Resp: 1150387

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.856 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006941.D

Acq: 07 Jan 2019 17:41

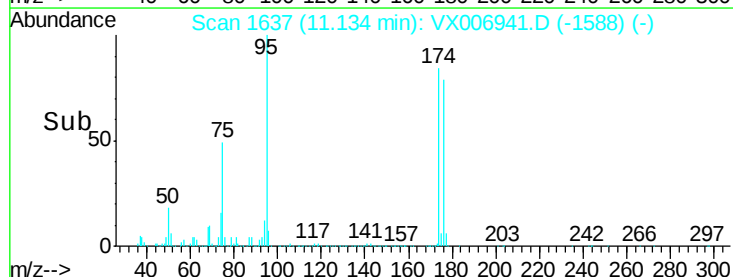
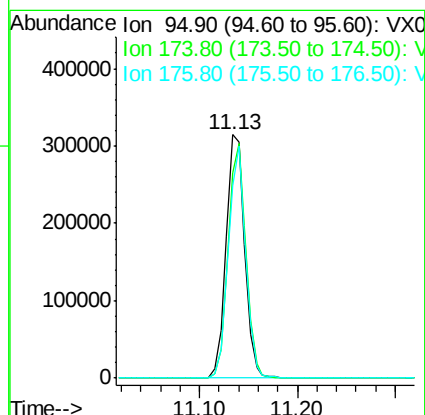
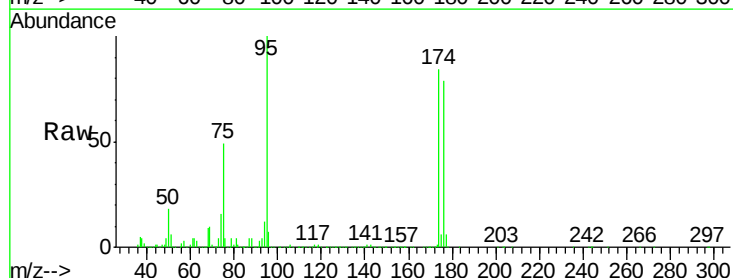
Tgt Ion: 95 Resp: 414379

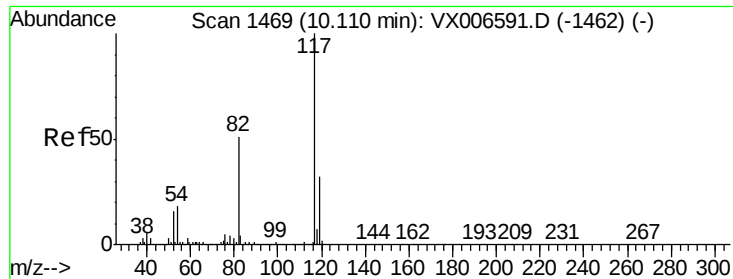
Ion Ratio Lower Upper

95 100

174 92.5 0.0 182.2

176 89.1 0.0 178.8

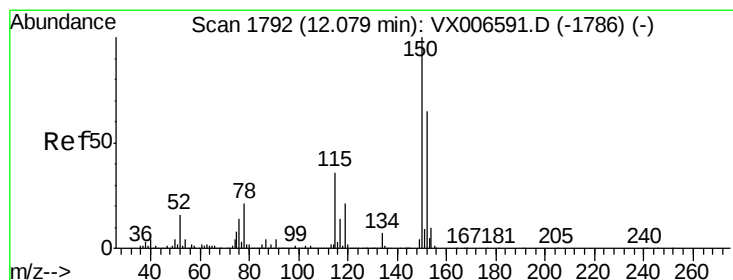
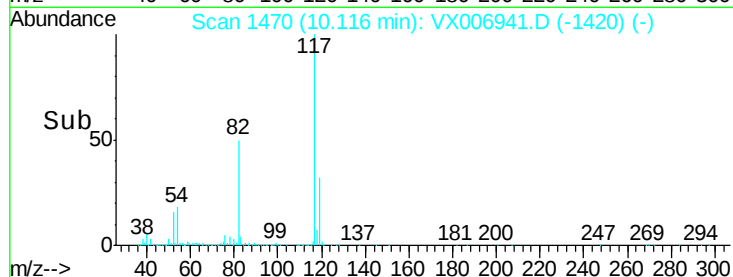
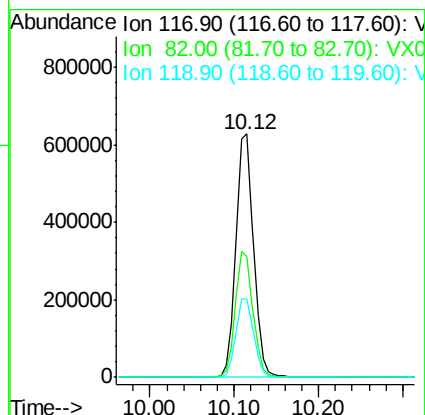
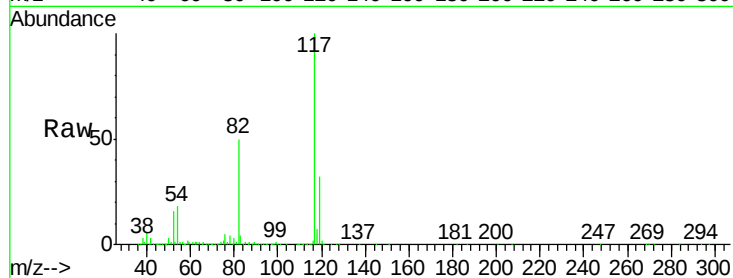




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006941.D
Acq: 07 Jan 2019 17:41

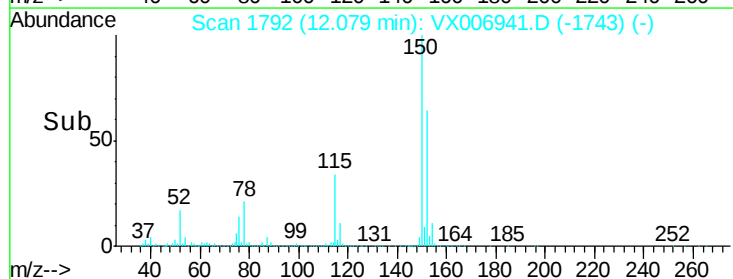
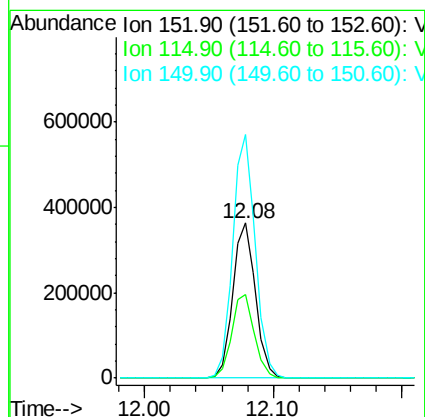
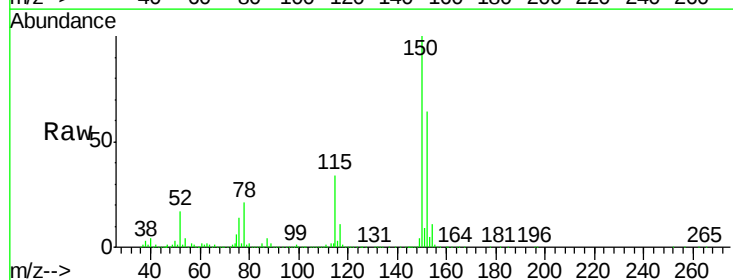
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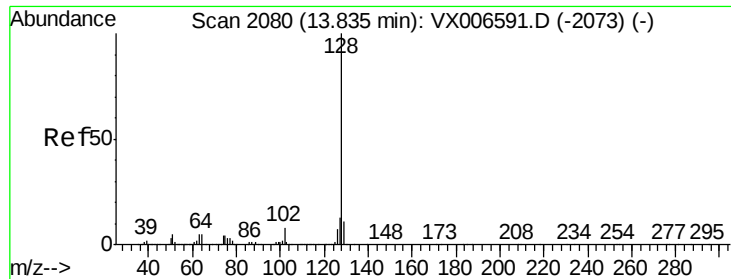
Tot Ion:117 Resp: 894275
Ion Ratio Lower Upper
117 100
82 49.7 41.0 61.6
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006941.D
Acq: 07 Jan 2019 17:41

Tgt Ion:152 Resp: 446406
Ion Ratio Lower Upper
152 100
115 53.9 39.1 117.2
150 157.0 0.0 344.8





#95

Naphthalene

Concen: 1.540 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006941.D

Acq: 07 Jan 2019 17:41

Instrument :

MSVOA_X

ClientSampleId :

EO-02-010419-C

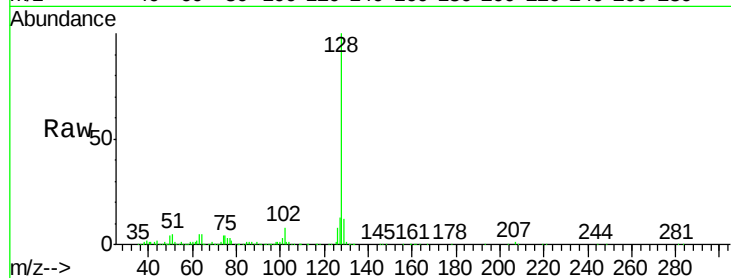
Tot Ion:128 Resp: 50457

Ion Ratio Lower Upper

128 100

127 14.0 10.1 15.1

129 11.6 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

