

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010419\
 Data File : VX006918.D
 Acq On : 04 Jan 2019 17:25
 Operator : JC/MD
 Sample : K1041-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OS-1-5-COMP

Quant Time: Jan 04 22:57:43 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	640967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	985998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	917823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	448566	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	335598	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
35) Dibromofluoromethane	5.51	113	297601	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
50) Toluene-d8	8.71	98	1181689	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.13	95	419774	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	

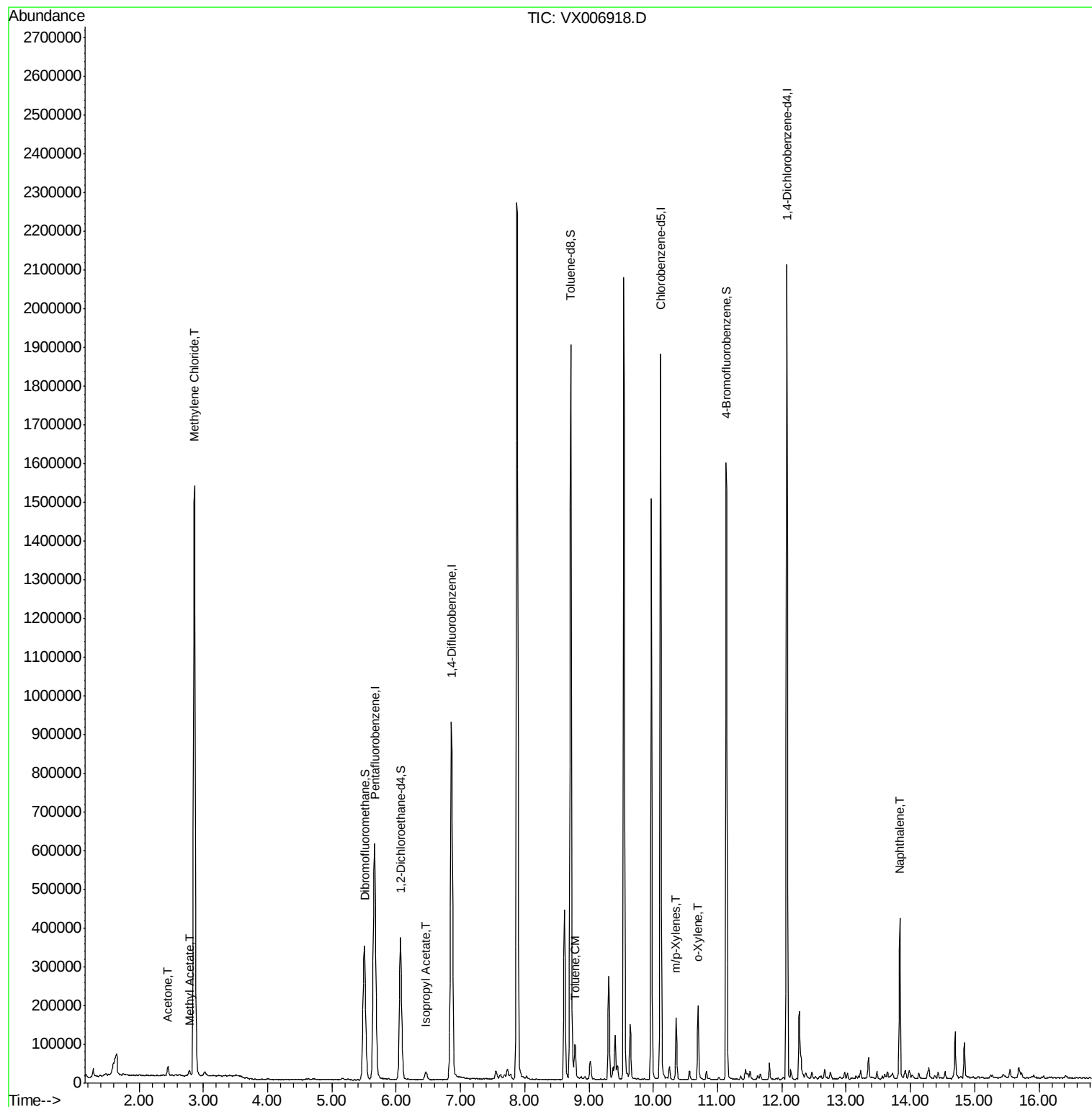
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	26793	8.442	ug/l	100
18) Methyl Acetate	2.78	43	21354	2.288	ug/l	96
20) Methylene Chloride	2.86	84	734223	111.876	ug/l	97
43) Isopropyl Acetate	6.46	43	28516	2.205	ug/l	99
52) Toluene	8.78	92	30748	1.917	ug/l	98
68) m/p-Xylenes	10.35	106	39452	3.151	ug/l	98
69) o-Xylene	10.69	106	23627	1.911	ug/l	98
95) Naphthalene	13.83	128	256786	7.798	ug/l	99

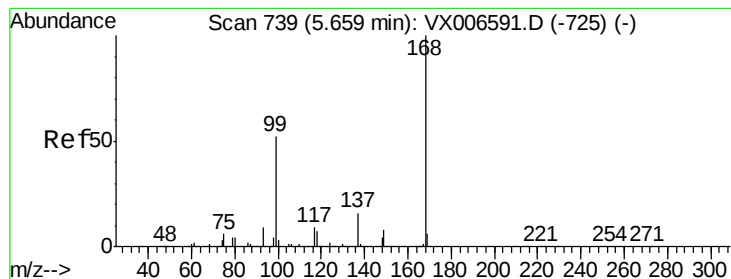
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010419\
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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: VX006918.D

Acq: 04 Jan 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

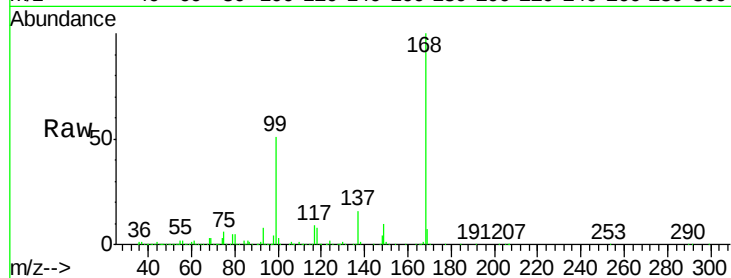
OS-1-5-COMP

Tot Ion:168 Resp: 640967

Ion Ratio Lower Upper

168 100

99 51.3 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

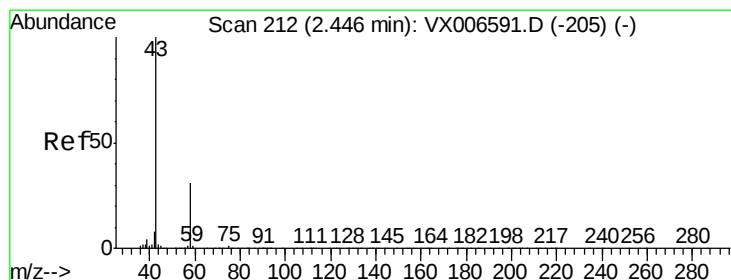
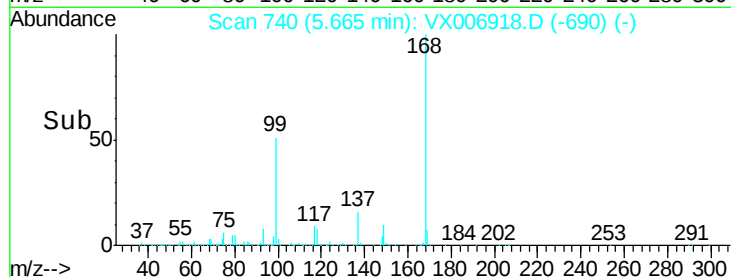
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.442 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006918.D

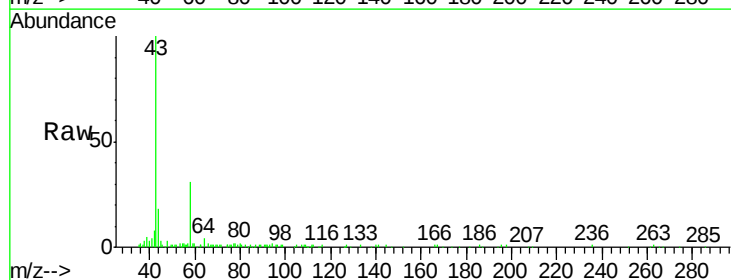
Acq: 04 Jan 2019 17:25

Tgt Ion: 43 Resp: 26793

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

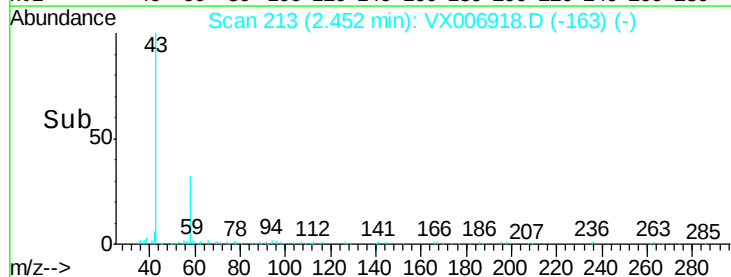
15000

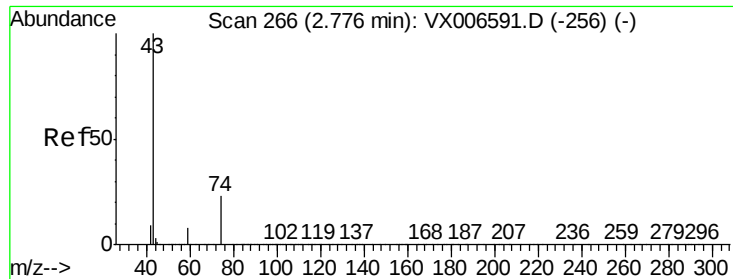
10000

5000

0

Time-->





#18

Methyl Acetate

Concen: 2.288 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006918.D

Acq: 04 Jan 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

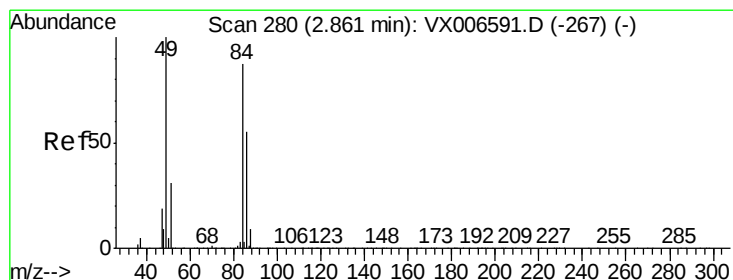
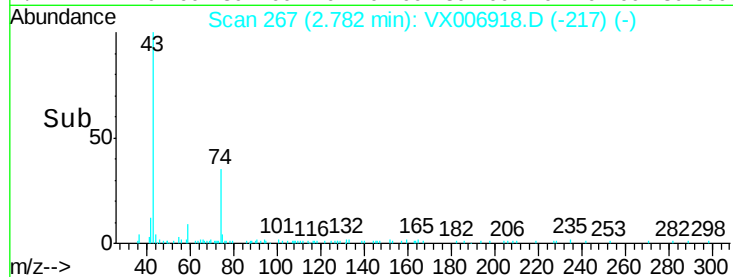
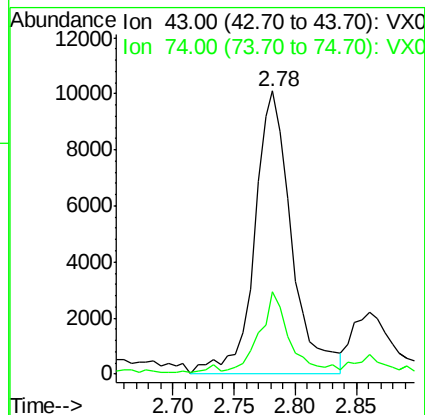
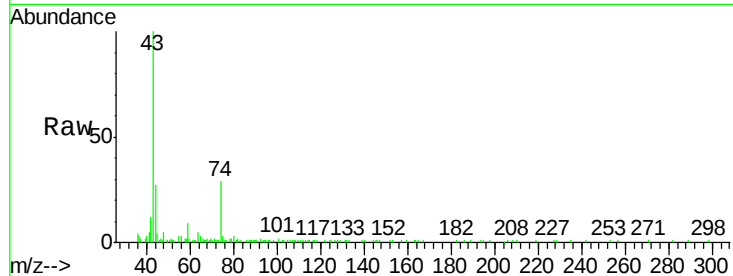
OS-1-5-COMP

Tot Ion: 43 Resp: 21354

Ion Ratio Lower Upper

43 100

74 21.6 18.6 28.0



#20

Methylene Chloride

Concen: 111.876 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX006918.D

Acq: 04 Jan 2019 17:25

Tgt Ion: 84 Resp: 734223

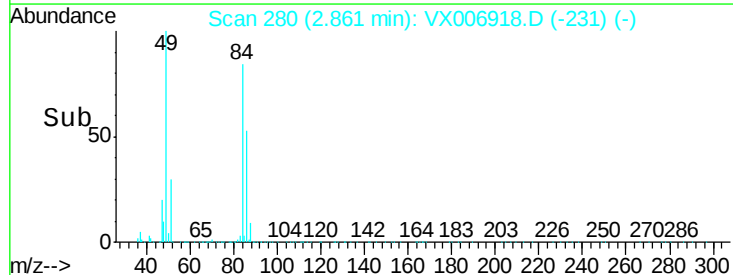
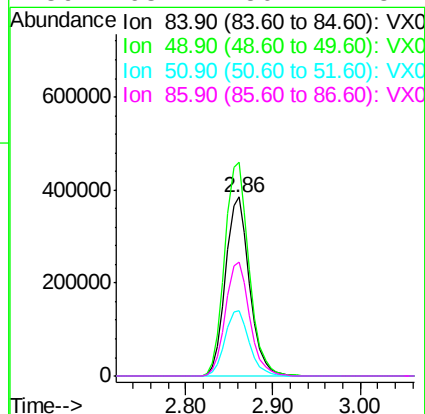
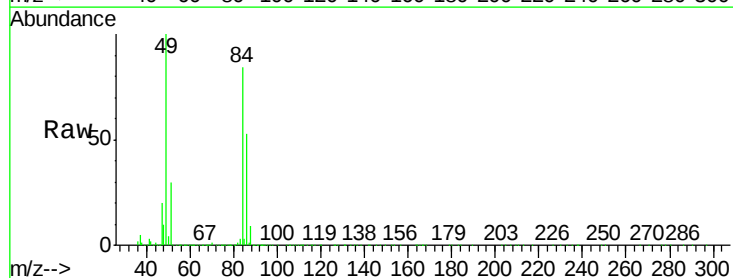
Ion Ratio Lower Upper

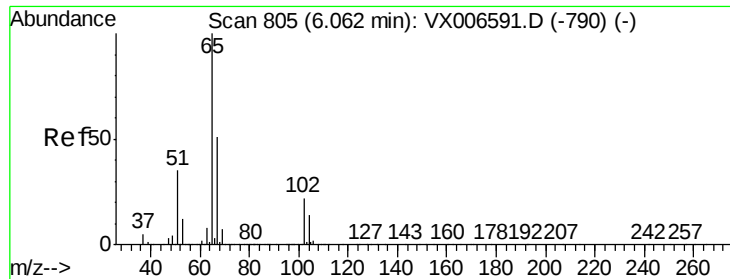
84 100

49 119.2 91.8 137.6

51 36.2 28.5 42.7

86 63.4 50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 48.581 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006918.D

Acq: 04 Jan 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

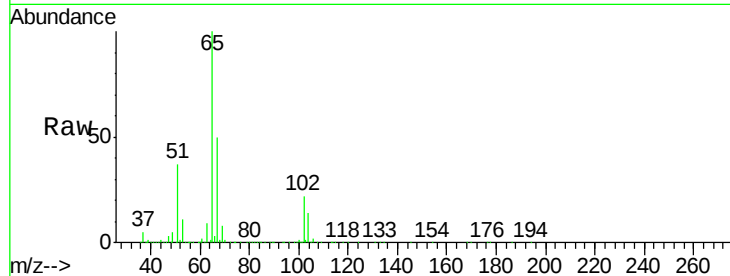
OS-1-5-COMP

Tot Ion: 65 Resp: 335598

Ion Ratio Lower Upper

65 100

67 52.9 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

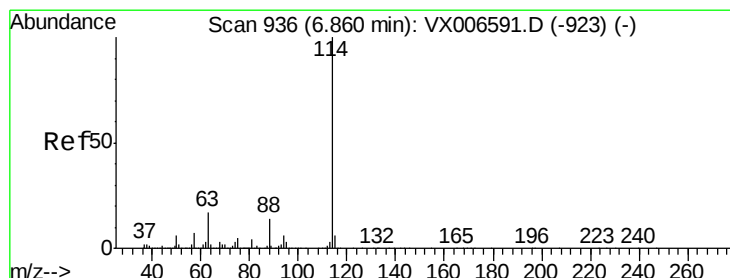
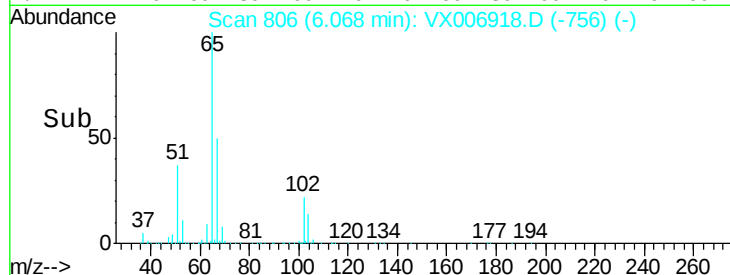
150000

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: VX006918.D

Acq: 04 Jan 2019 17:25

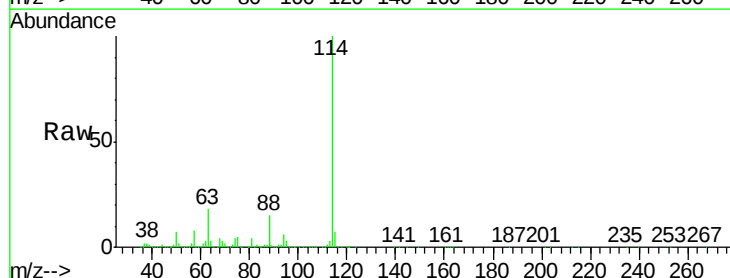
Tgt Ion: 114 Resp: 985998

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.8

88 14.6 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

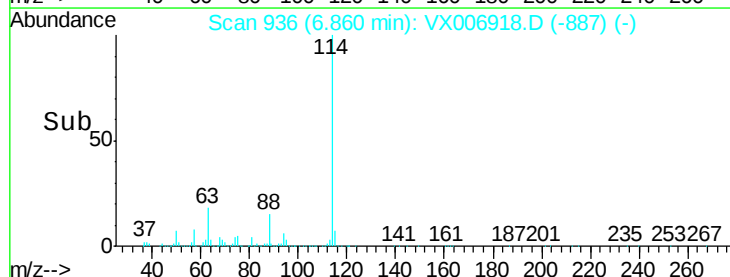
300000

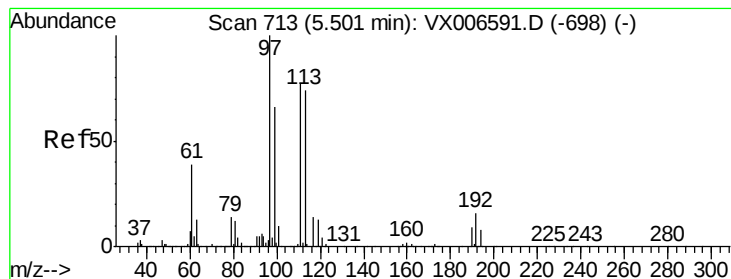
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.729 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006918.D

Acq: 04 Jan 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

OS-1-5-COMP

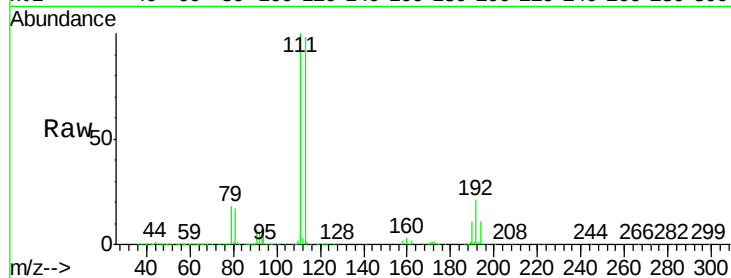
Tot Ion:113 Resp: 297601

Ion Ratio Lower Upper

113 100

111 101.7 81.6 122.4

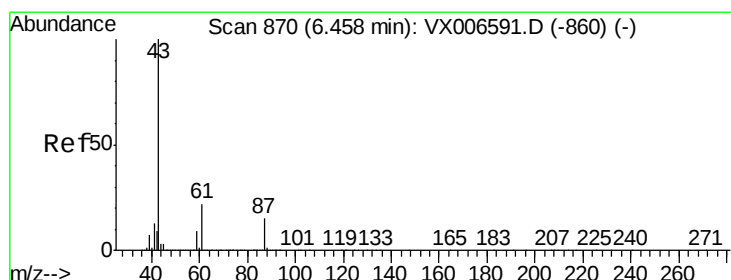
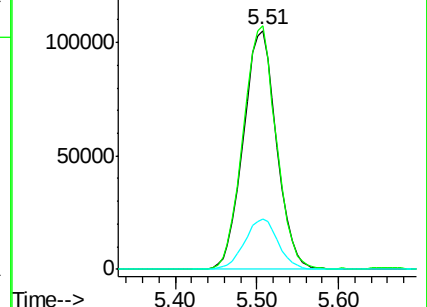
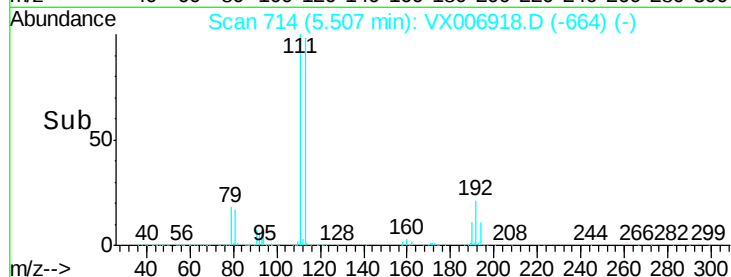
192 21.4 16.7 25.1



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: 2.205 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006918.D

Acq: 04 Jan 2019 17:25

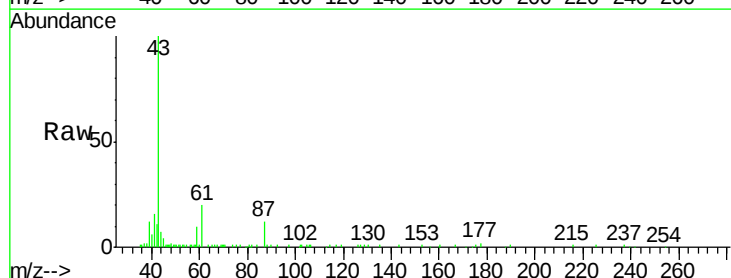
Tgt Ion: 43 Resp: 28516

Ion Ratio Lower Upper

43 100

61 20.7 16.8 25.2

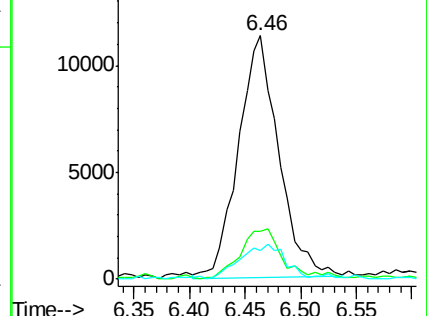
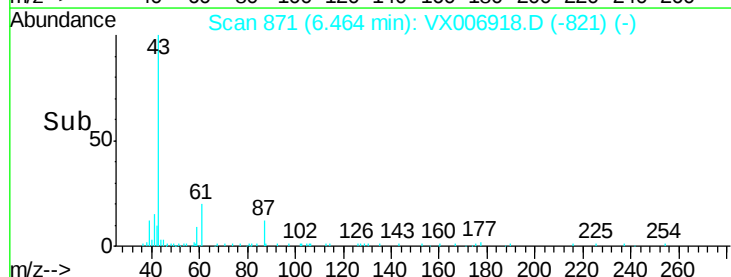
87 16.4 12.4 18.6

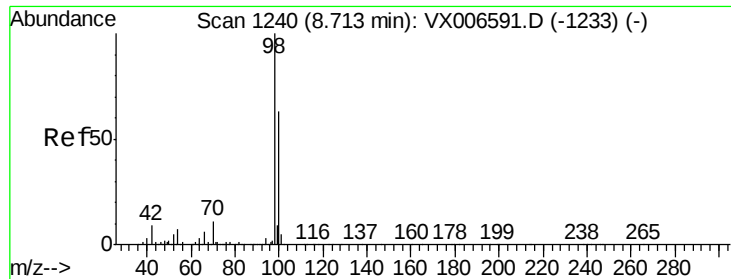


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.269 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006918.D

Acq: 04 Jan 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

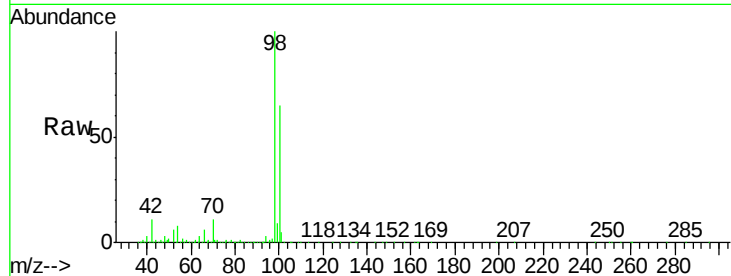
OS-1-5-COMP

Tot Ion: 98 Resp: 1181689

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

800000

600000

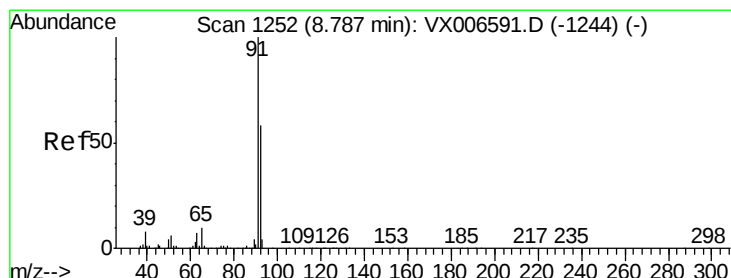
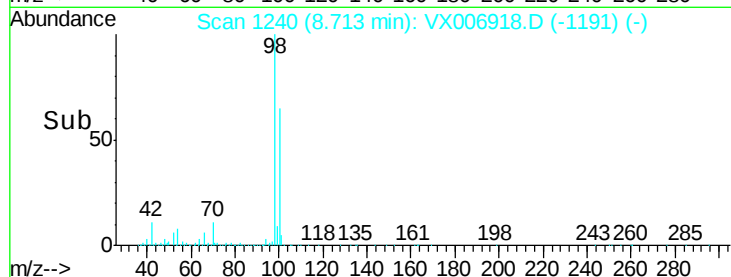
400000

200000

0

Time-->

8.60 8.70 8.80 8.90



#52

Toluene

Concen: 1.917 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006918.D

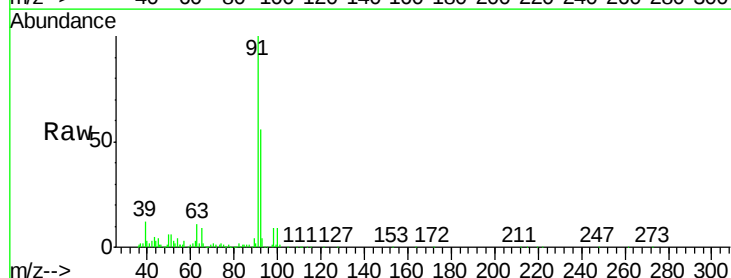
Acq: 04 Jan 2019 17:25

Tgt Ion: 92 Resp: 30748

Ion Ratio Lower Upper

92 100

91 169.8 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

30000

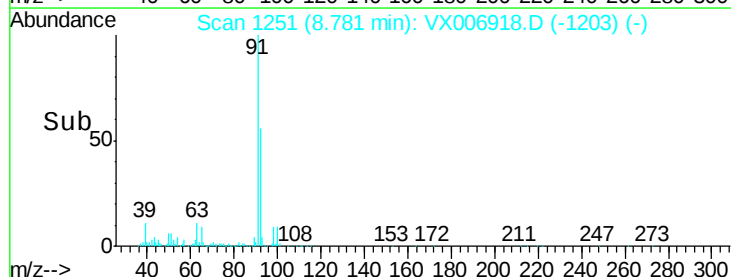
20000

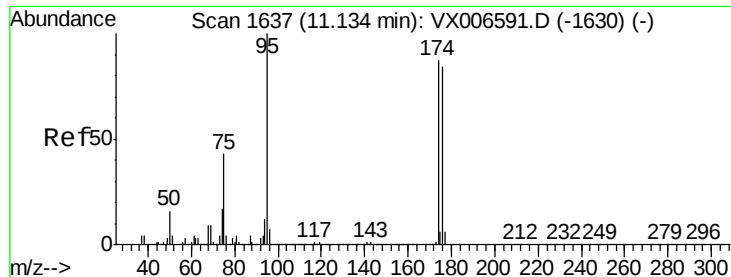
10000

0

Time-->

8.70 8.75 8.80 8.85





#62

4-Bromofluorobenzene

Concen: 48.758 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006918.D

Acq: 04 Jan 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

OS-1-5-COMP

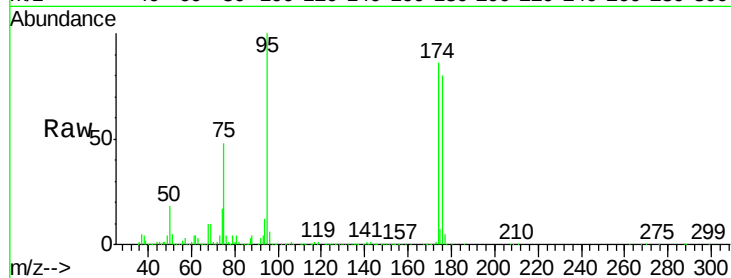
Tot Ion: 95 Resp: 419774

Ion Ratio Lower Upper

95 100

174 90.8 0.0 182.2

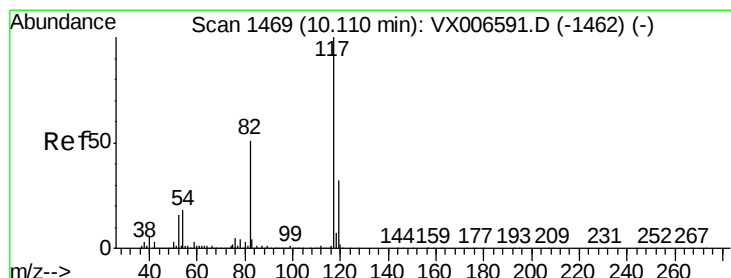
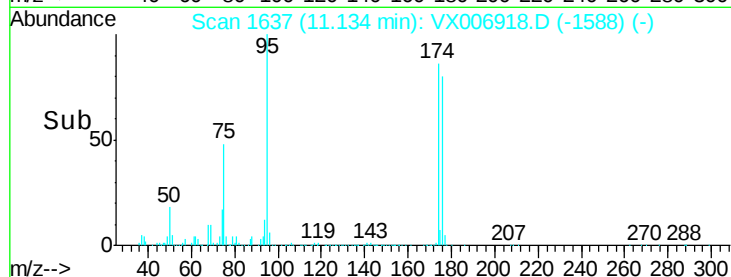
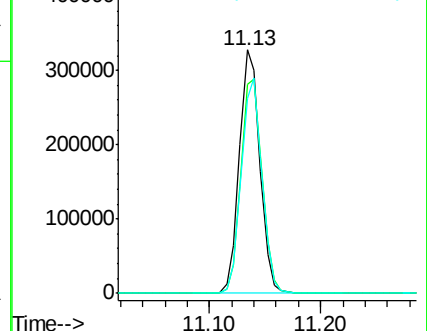
176 88.7 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006591.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX006591.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX006591.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006918.D

Acq: 04 Jan 2019 17:25

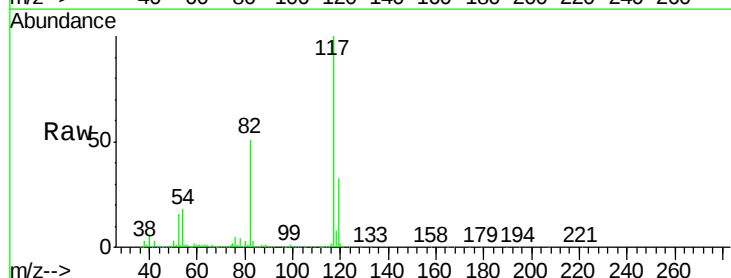
Tgt Ion: 117 Resp: 917823

Ion Ratio Lower Upper

117 100

82 50.8 41.0 61.6

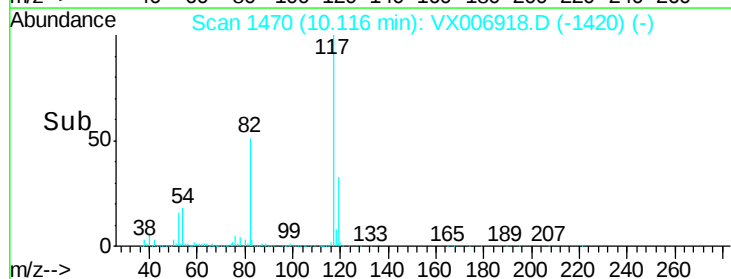
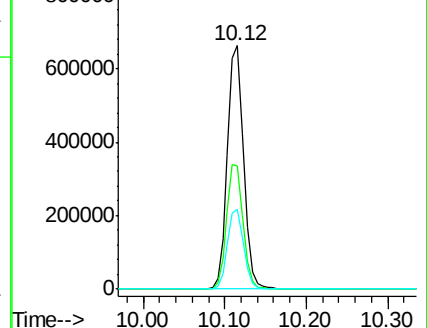
119 32.7 25.4 38.0

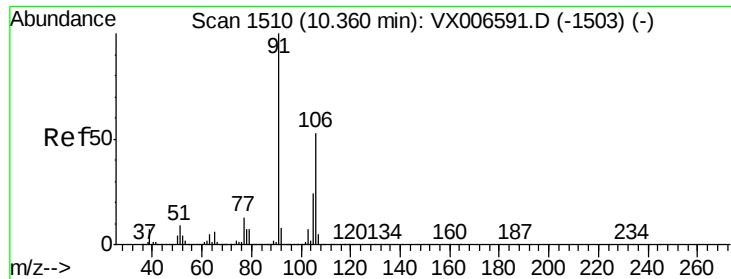


Abundance Ion 116.90 (116.60 to 117.60): VX006591.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006591.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006591.D (-1462) (-)





#68

m/p-Xylenes

Concen: 3.151 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX006918.D

Acq: 04 Jan 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

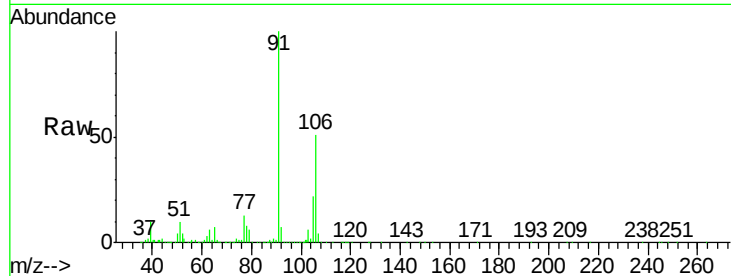
OS-1-5-COMP

Tot Ion:106 Resp: 39452

Ion Ratio Lower Upper

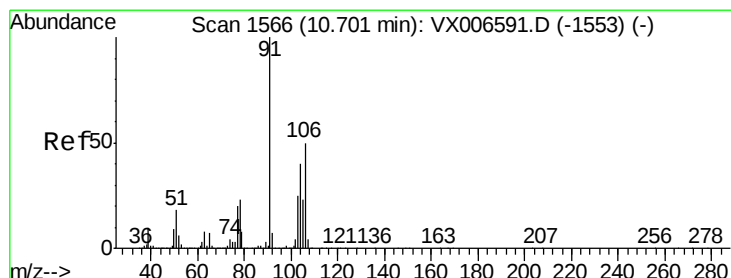
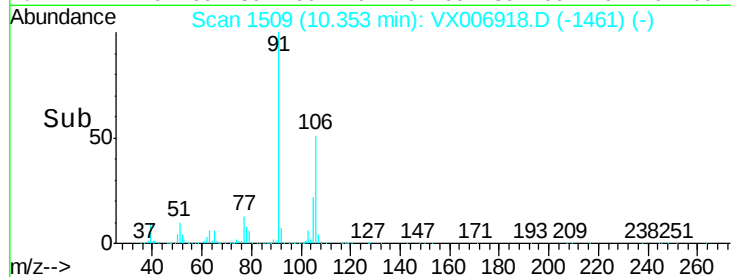
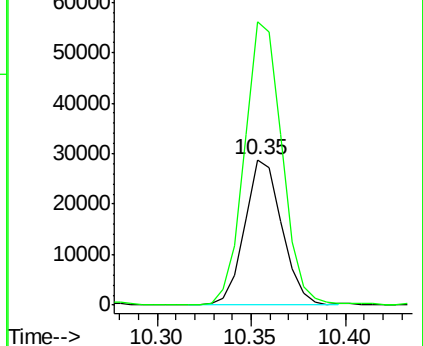
106 100

91 197.6 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 1.911 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX006918.D

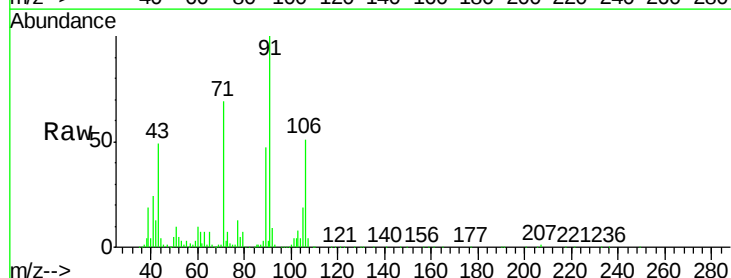
Acq: 04 Jan 2019 17:25

Tgt Ion:106 Resp: 23627

Ion Ratio Lower Upper

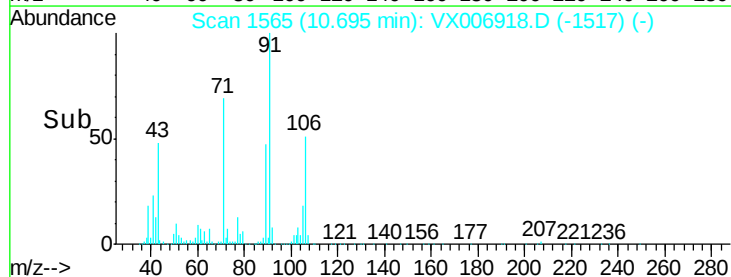
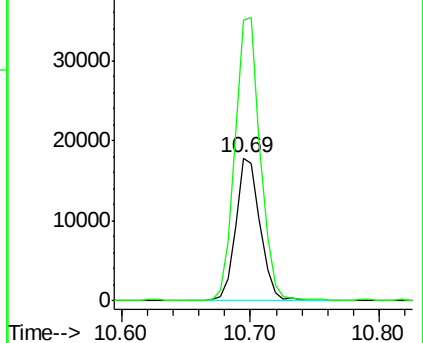
106 100

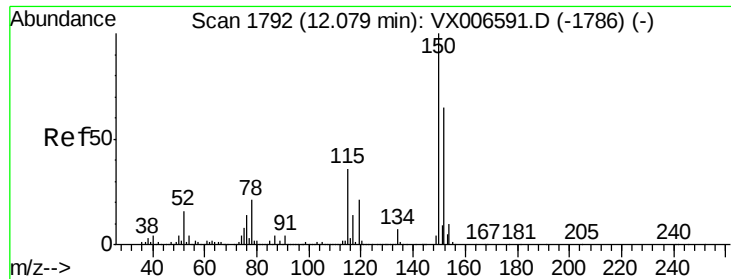
91 205.0 101.3 303.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006918.D

Acq: 04 Jan 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

OS-1-5-COMP

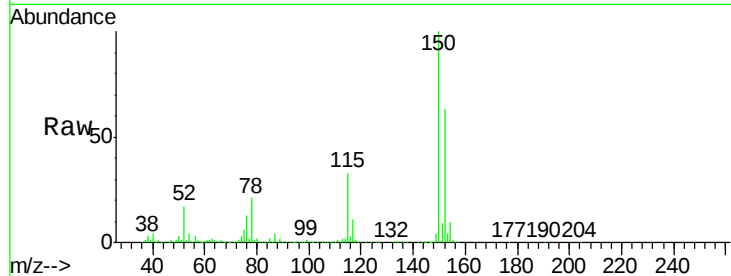
Tot Ion:152 Resp: 448566

Ion Ratio Lower Upper

152 100

115 54.7 39.1 117.2

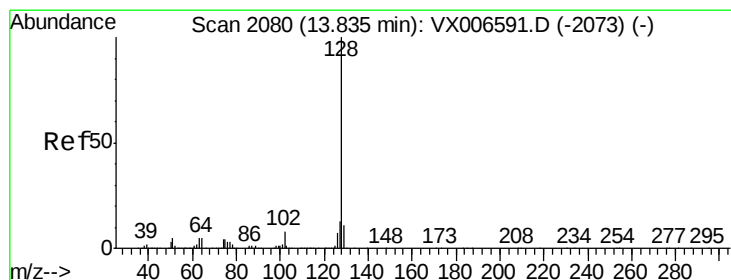
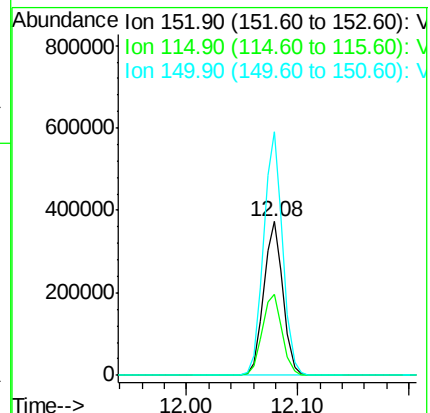
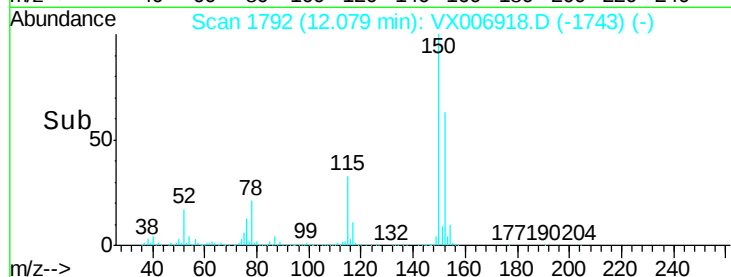
150 156.9 0.0 344.8



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



#95

Naphthalene

Concen: 7.798 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006918.D

Acq: 04 Jan 2019 17:25

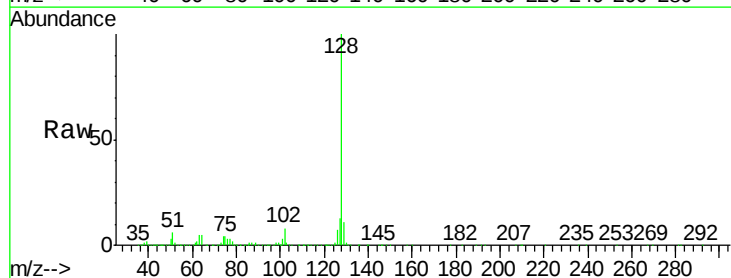
Tgt Ion:128 Resp: 256786

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 10.9 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

