

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004661.D
 Acq On : 18 Sep 2018 16:42
 Operator : JC/MD
 Sample : J4935-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PHASE-1

Quant Time: Sep 19 04:19:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	373311	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185066	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	142395	47.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.12%	
35) Dibromofluoromethane	5.49	113	133933	39.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	78.42%	
50) Toluene-d8	8.72	98	489832	42.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.52%	
62) 4-Bromofluorobenzene	11.14	95	176709	43.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.42%	

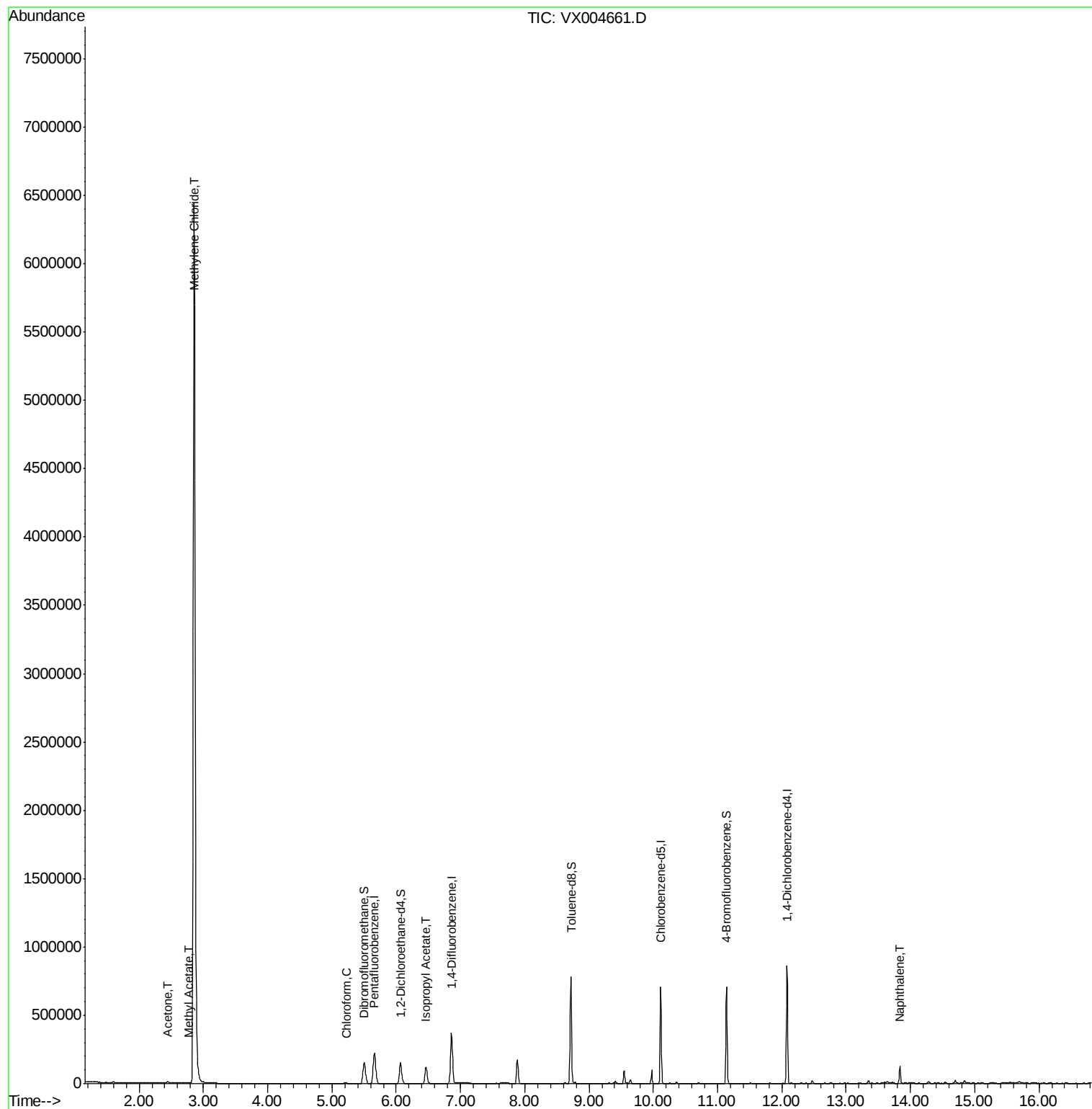
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	12094	8.19	ug/l	96
18) Methyl Acetate	2.78	43	5225	1.26	ug/l	98
20) Methylene Chloride	2.85	84	3248021	1072.02	ug/l	97
30) Chloroform	5.22	83	8855	1.77	ug/l	92
43) Isopropyl Acetate	6.46	43	156461	22.85	ug/l	100
95) Naphthalene	13.83	128	82991	6.57	ug/l	99

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004661.D

Acq: 18 Sep 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

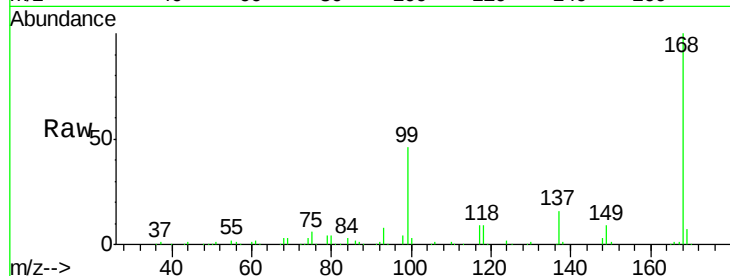
PHASE-1

Tot Ion:168 Resp: 234688

Ion Ratio Lower Upper

168 100

99 46.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

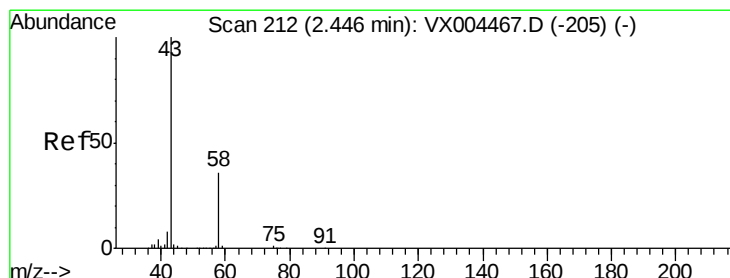
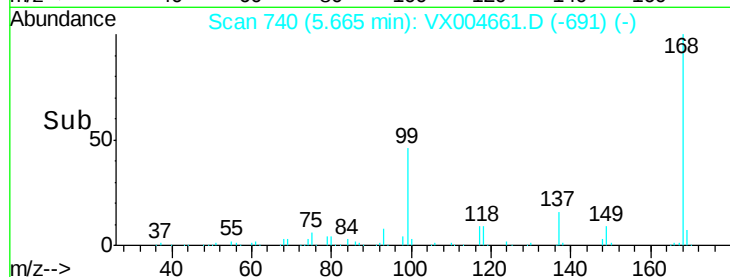
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.19 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004661.D

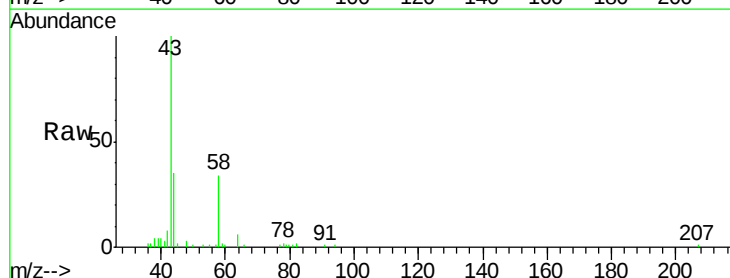
Acq: 18 Sep 2018 16:42

Tgt Ion: 43 Resp: 12094

Ion Ratio Lower Upper

43 100

58 34.8 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

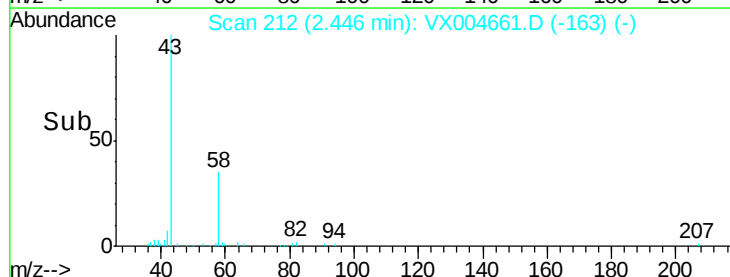
6000

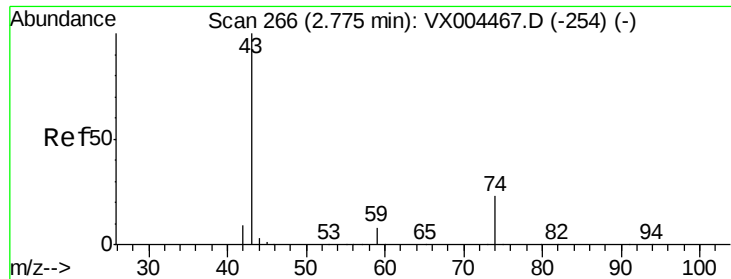
4000

2000

0

Time--> 2.35 2.40 2.45 2.50





#18

Methyl Acetate

Concen: 1.26 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX004661.D

Acq: 18 Sep 2018 16:42

Instrument :

MSVOA_X

ClientSampled :

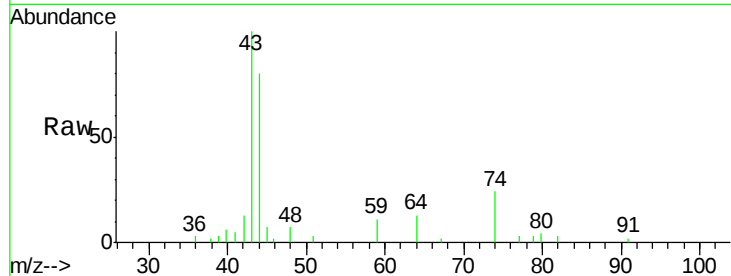
PHASE-1

Tot Ion: 43 Resp: 5225

Ion Ratio Lower Upper

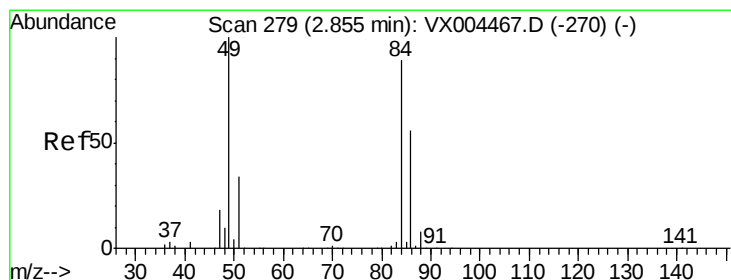
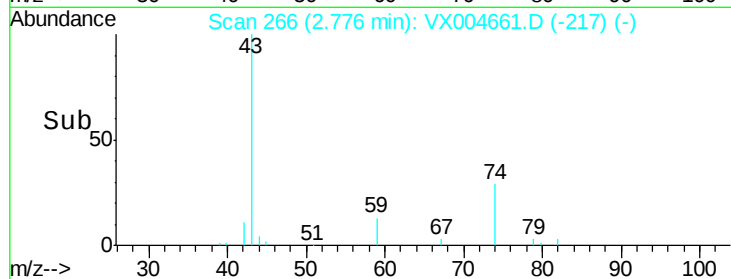
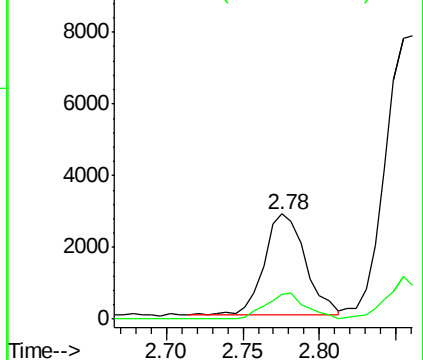
43 100

74 25.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 1072.02 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX004661.D

Acq: 18 Sep 2018 16:42

Tgt Ion: 84 Resp: 3248021

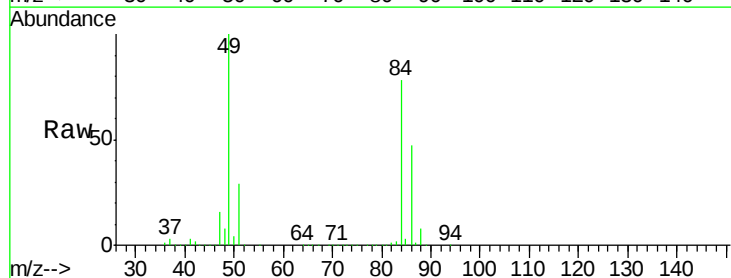
Ion Ratio Lower Upper

84 100

49 128.3 101.2 151.8

51 36.8 29.5 44.3

86 60.9 52.3 78.5

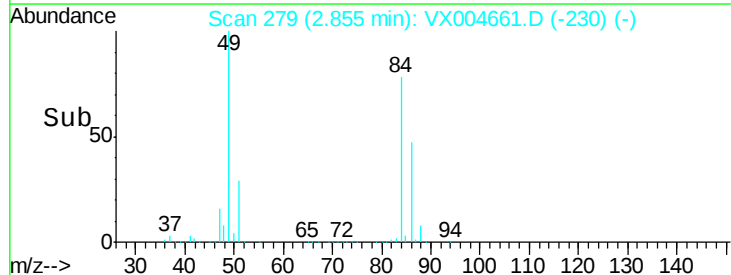
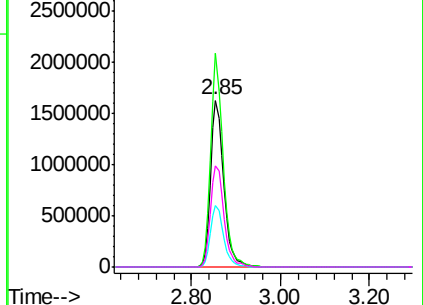


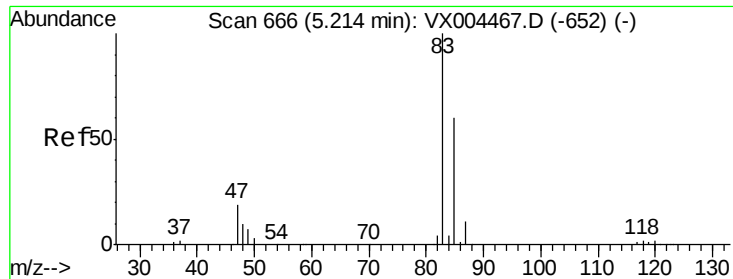
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

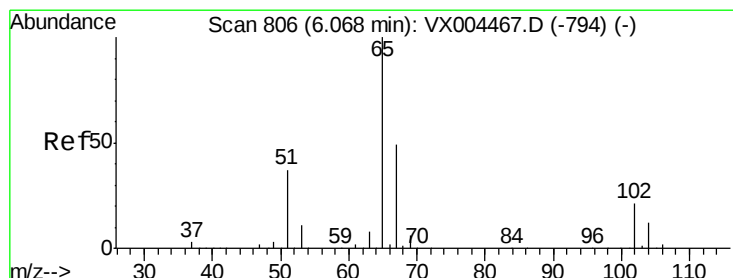
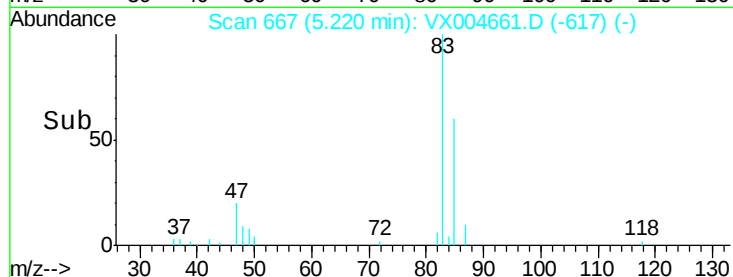
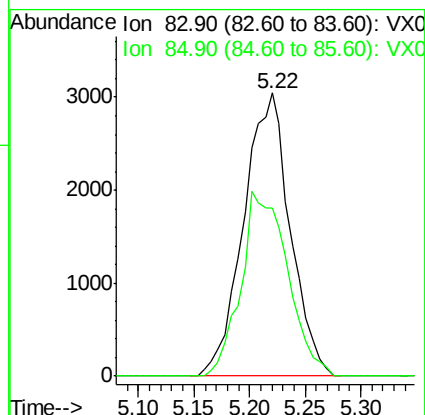
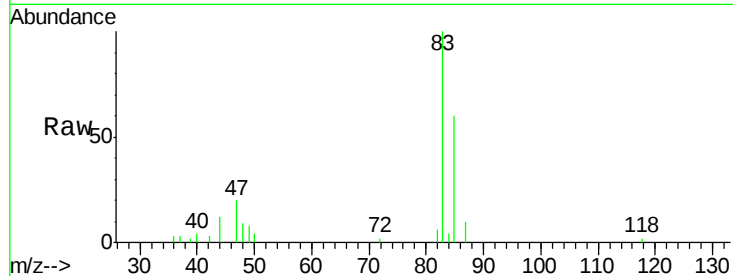




#30
Chloroform
Concen: 1.77 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX004661.D
Acq: 18 Sep 2018 16:42

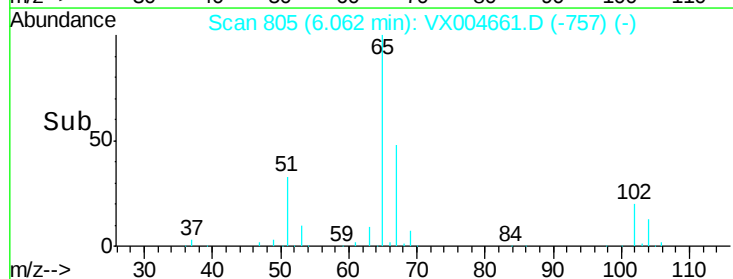
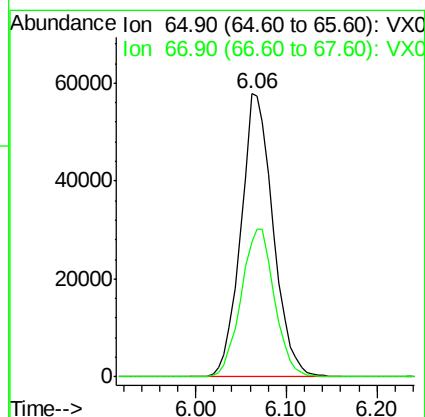
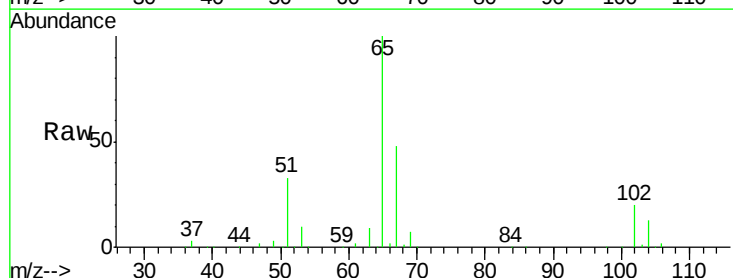
Instrument :
MSVOA_X
ClientSampleId :
PHASE-1

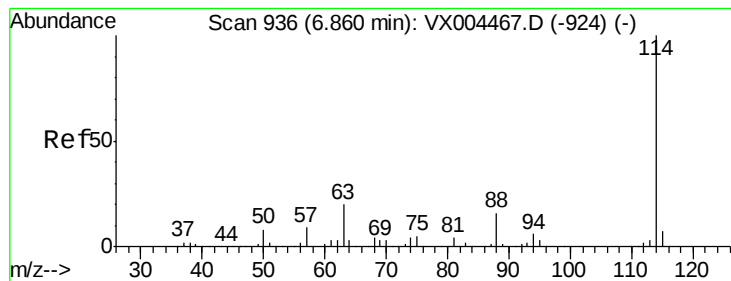
Tot Ion: 83 Resp: 8855
Ion Ratio Lower Upper
83 100
85 59.6 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 47.06 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX004661.D
Acq: 18 Sep 2018 16:42

Tgt Ion: 65 Resp: 142395
Ion Ratio Lower Upper
65 100
67 54.1 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004661.D

Acq: 18 Sep 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

PHASE-1

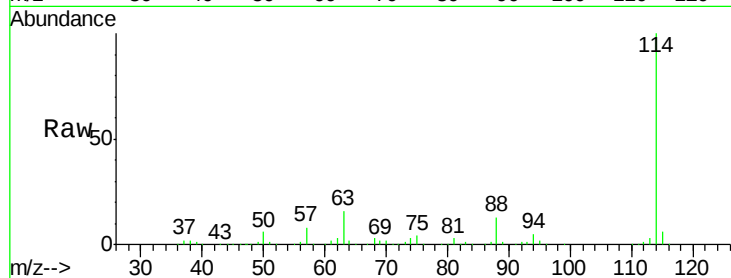
Tot Ion:114 Resp: 373311

Ion Ratio Lower Upper

114 100

63 16.1 0.0 39.0

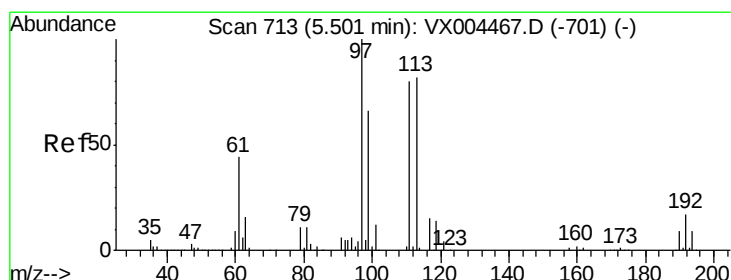
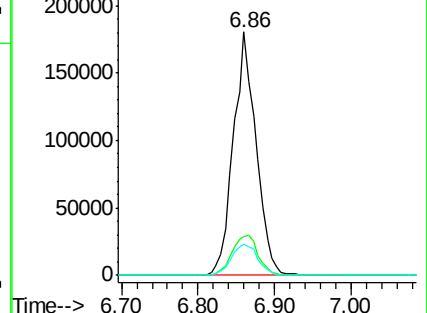
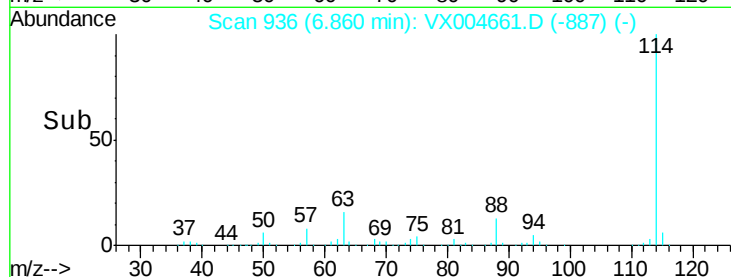
88 12.6 0.0 30.4



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



#35

Dibromofluoromethane

Concen: 39.21 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX004661.D

Acq: 18 Sep 2018 16:42

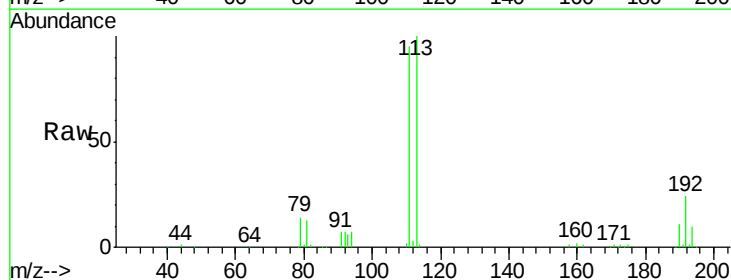
Tgt Ion:113 Resp: 133933

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

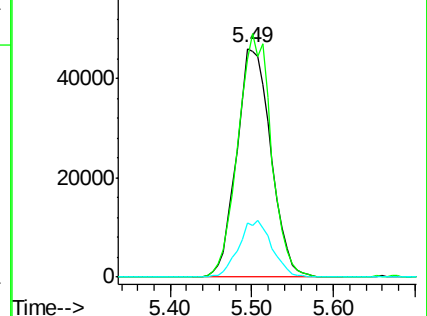
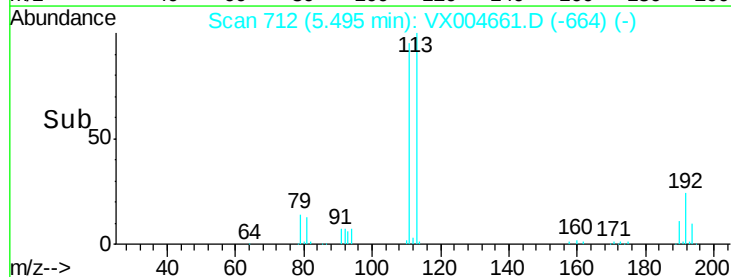
192 24.0 19.4 29.2

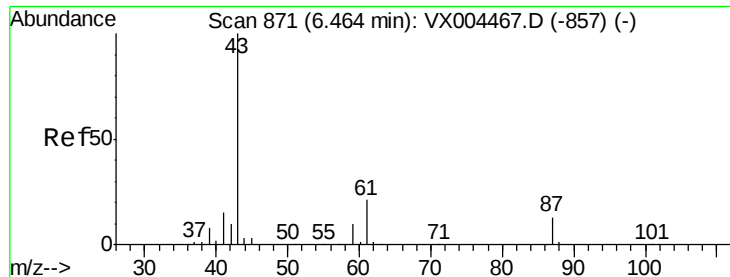


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



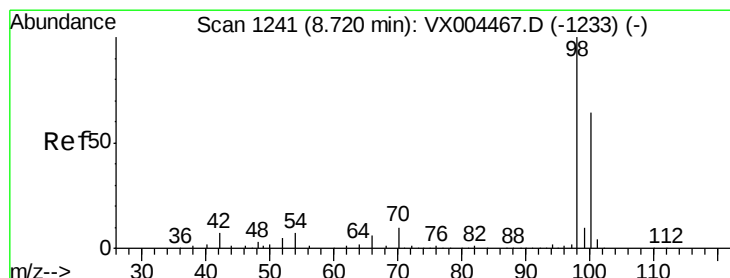
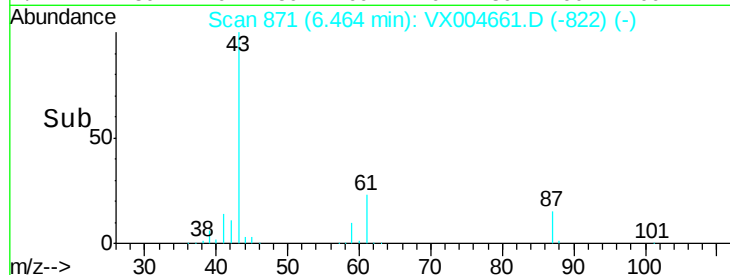
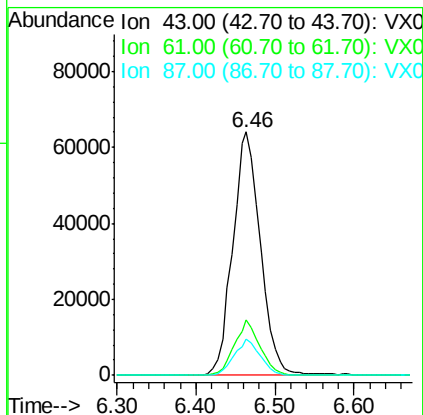
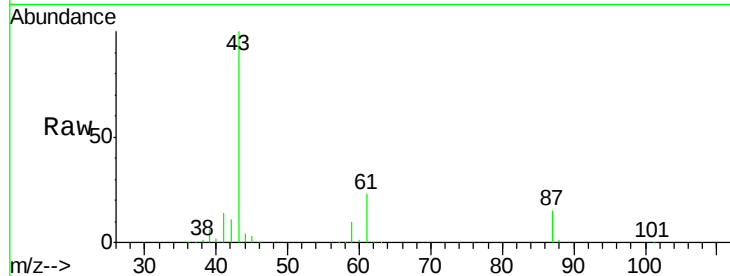


#43

Isopropyl Acetate
 Concen: 22.85 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004661.D
 Acq: 18 Sep 2018 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 PHASE-1

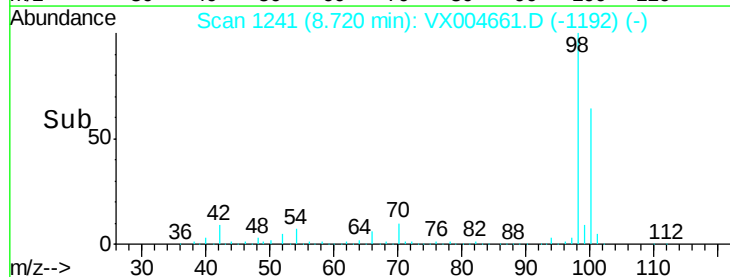
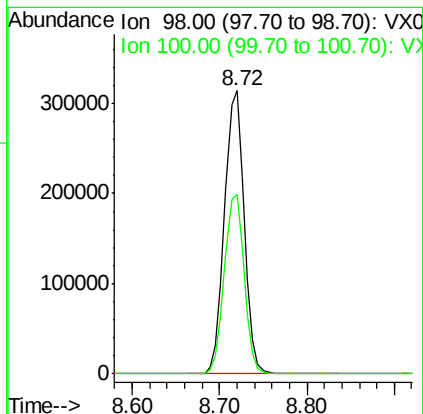
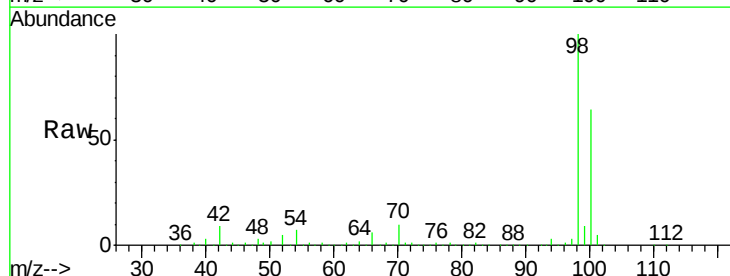
Tot Ion: 43 Resp: 156461
 Ion Ratio Lower Upper
 43 100
 61 21.1 17.0 25.4
 87 14.0 11.4 17.2

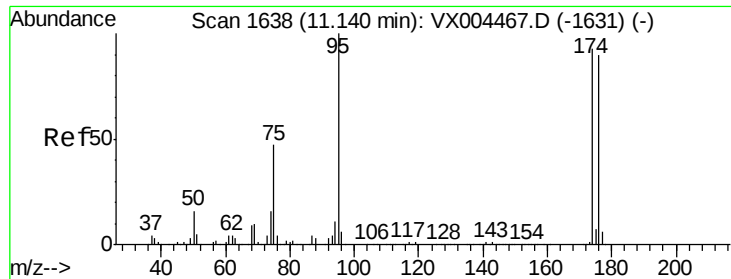


#50

Toluene-d8
 Concen: 42.76 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VX004661.D
 Acq: 18 Sep 2018 16:42

Tgt Ion: 98 Resp: 489832
 Ion Ratio Lower Upper
 98 100
 100 64.2 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 43.21 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004661.D

Acq: 18 Sep 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

PHASE-1

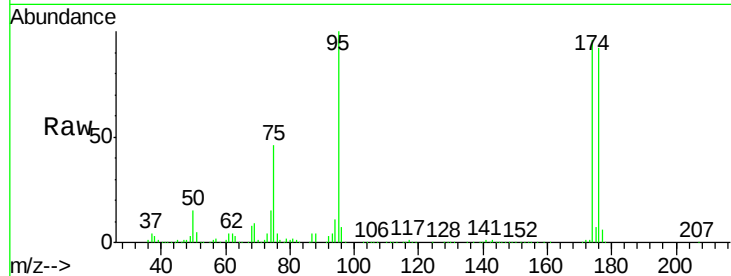
Tot Ion: 95 Resp: 176709

Ion Ratio Lower Upper

95 100

174 94.0 0.0 185.2

176 90.4 0.0 178.6

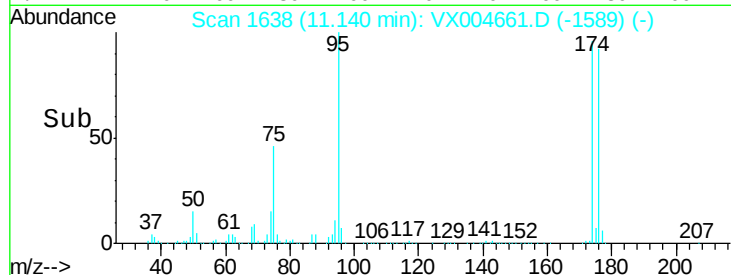


Abundance Ion 94.90 (94.60 to 95.60): VX004467.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004467.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004467.D (-1631) (-)

Time-->

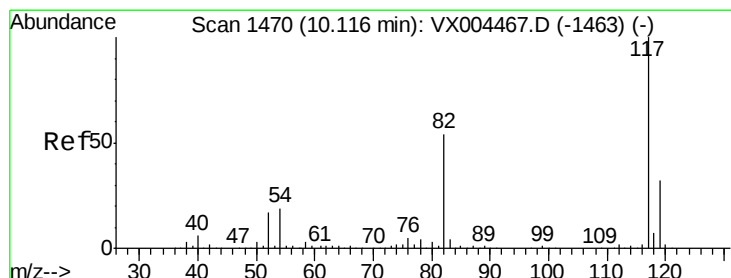


Abundance Ion 94.90 (94.60 to 95.60): VX004661.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX004661.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX004661.D (-1589) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004661.D

Acq: 18 Sep 2018 16:42

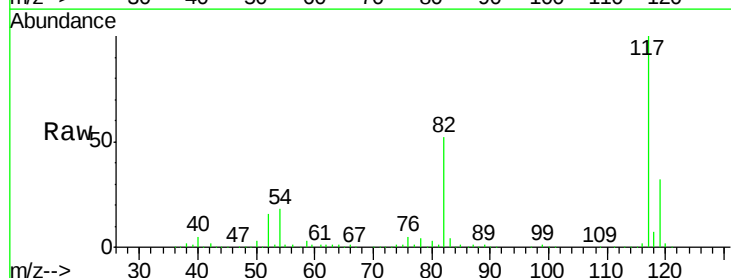
Tgt Ion: 117 Resp: 332532

Ion Ratio Lower Upper

117 100

82 52.0 47.8 71.6

119 32.3 29.3 43.9

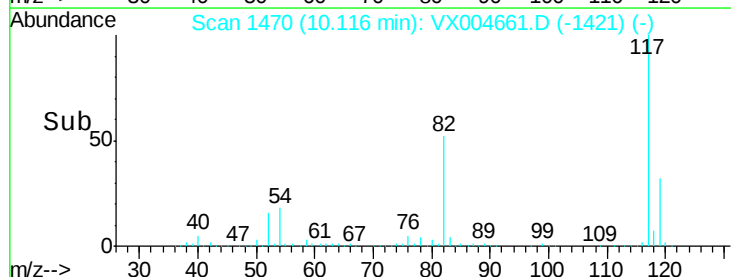


Abundance Ion 116.90 (116.60 to 117.60): VX004467.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004467.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004467.D (-1463) (-)

Time-->

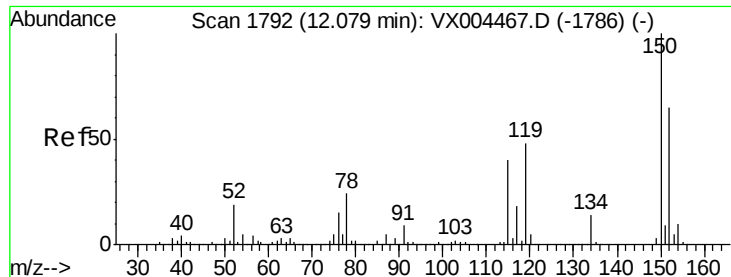


Abundance Ion 116.90 (116.60 to 117.60): VX004661.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX004661.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX004661.D (-1421) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004661.D

Acq: 18 Sep 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

PHASE-1

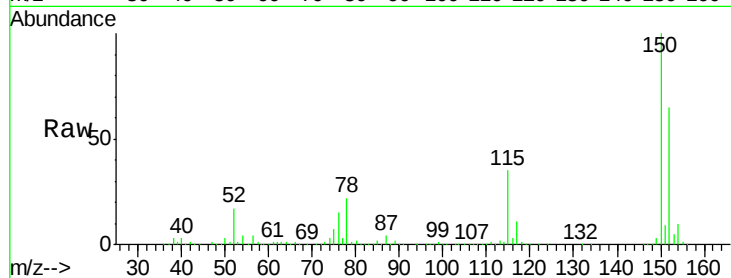
Tot Ion:152 Resp: 185066

Ion Ratio Lower Upper

152 100

115 54.4 39.0 117.0

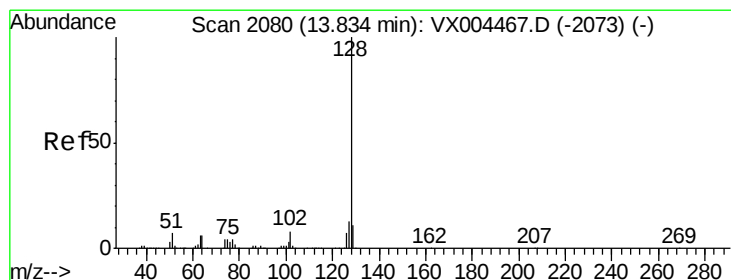
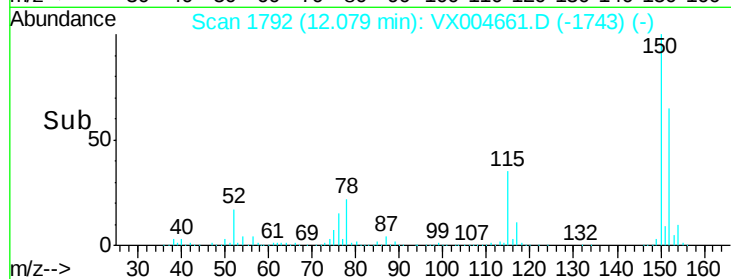
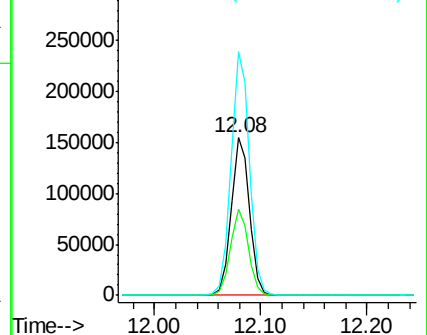
150 156.2 0.0 351.0



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: 6.57 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004661.D

Acq: 18 Sep 2018 16:42

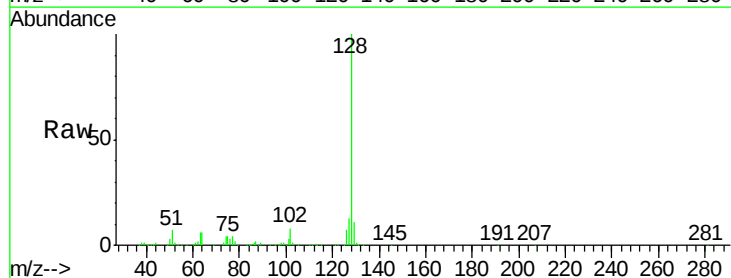
Tgt Ion:128 Resp: 82991

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.4 8.6 12.8



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

