

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004560.D
 Acq On : 15 Sep 2018 03:36
 Operator : JC/MD
 Sample : J4925-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-EB-2018-1

Quant Time: Sep 17 16:01:40 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	5.66	168	278215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	388273	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186426	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	177035	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
35) Dibromofluoromethane	5.51	113	160013	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
50) Toluene-d8	8.72	98	547222	45.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.86%	
62) 4-Bromofluorobenzene	11.14	95	177201	41.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.32%	

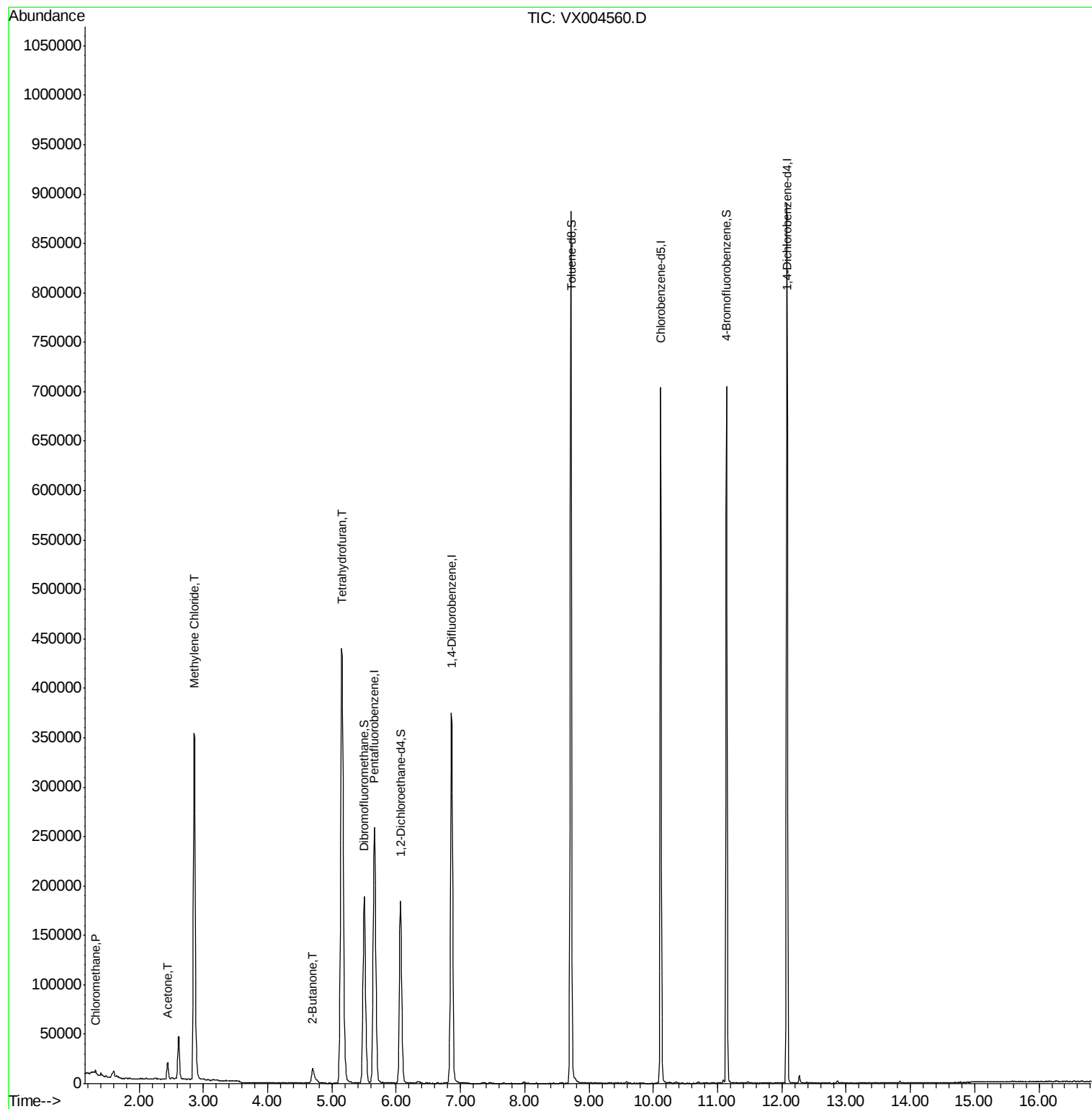
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	2423	0.68	ug/l	92
16) Acetone	2.45	43	18843	10.76	ug/l	96
20) Methylene Chloride	2.85	84	175937	48.98	ug/l	93
25) 2-Butanone	4.70	43	26444	9.49	ug/l	92
29) Tetrahydrofuran	5.15	42	393799	234.34	ug/l	98

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

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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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004560.D

Acq: 15 Sep 2018 03:36

Instrument :

MSVOA_X

ClientSampleId :

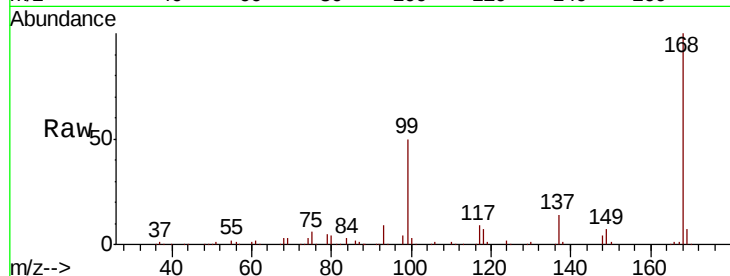
S13-EB-2018-1

Tot Ion:168 Resp: 278215

Ion Ratio Lower Upper

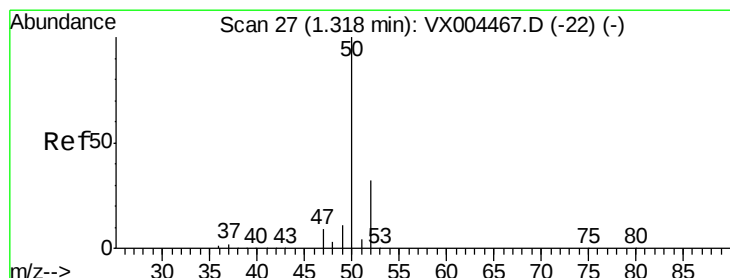
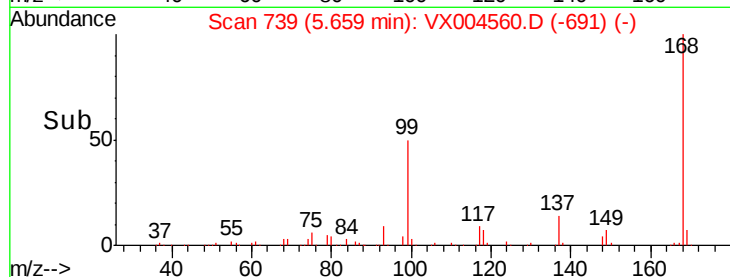
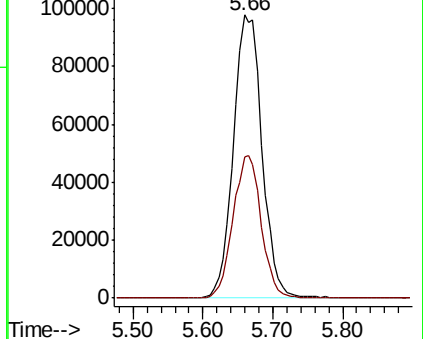
168 100

99 49.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.68 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004560.D

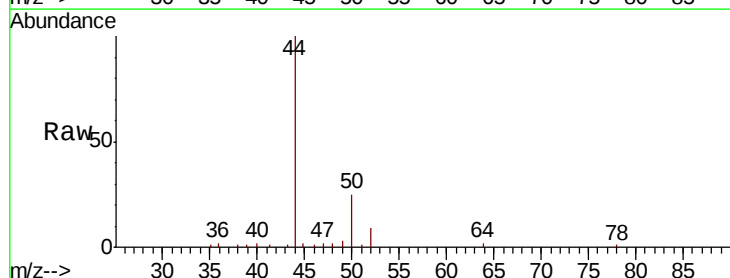
Acq: 15 Sep 2018 03:36

Tgt Ion: 50 Resp: 2423

Ion Ratio Lower Upper

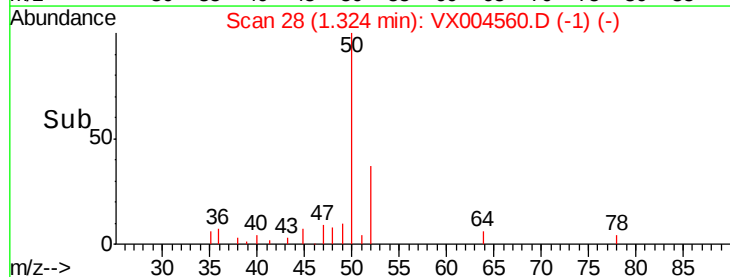
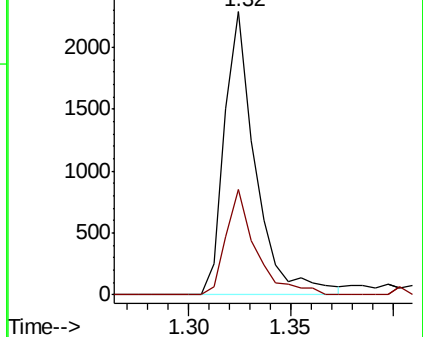
50 100

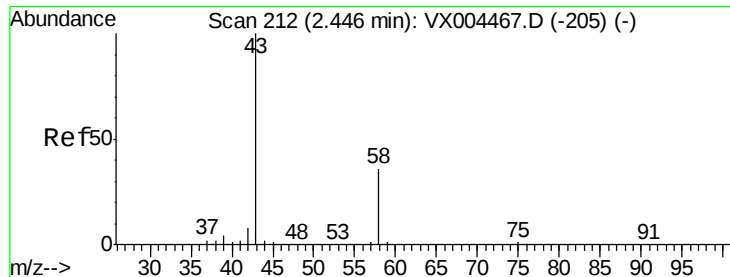
52 37.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 10.76 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004560.D

Acq: 15 Sep 2018 03:36

Instrument :

MSVOA_X

ClientSampleId :

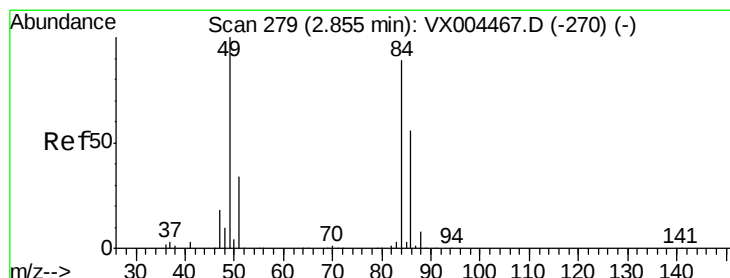
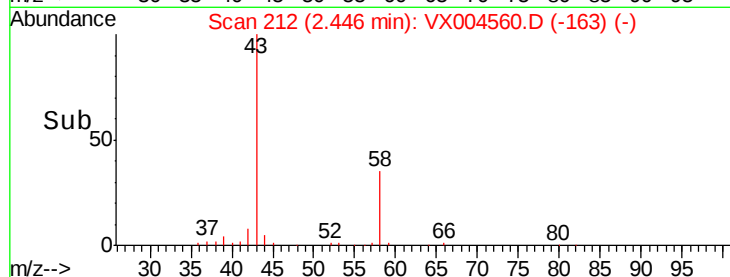
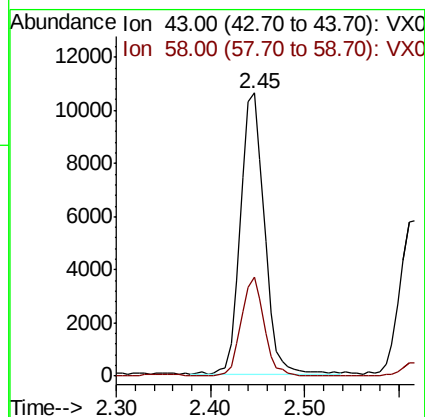
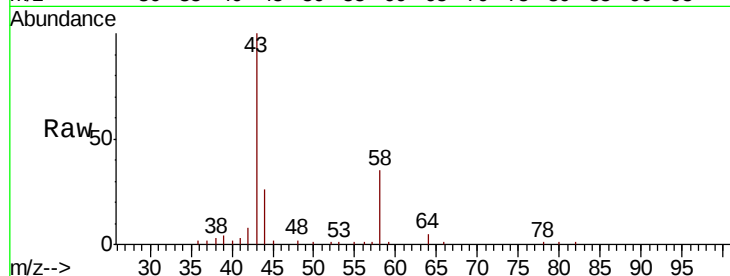
S13-EB-2018-1

Tot Ion: 43 Resp: 18843

Ion Ratio Lower Upper

43 100

58 35.1 26.2 39.4



#20

Methylene Chloride

Concen: 48.98 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX004560.D

Acq: 15 Sep 2018 03:36

Tgt Ion: 84 Resp: 175937

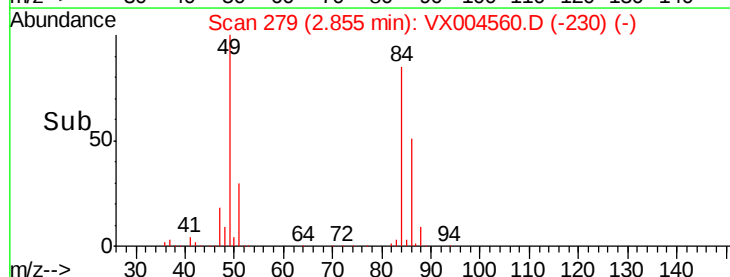
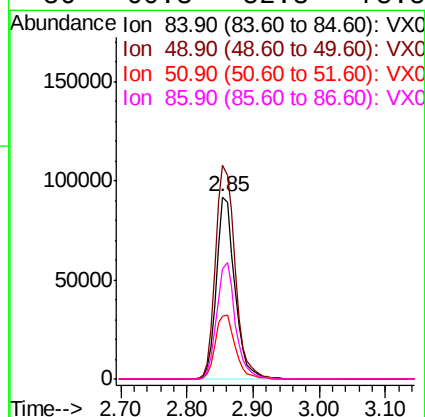
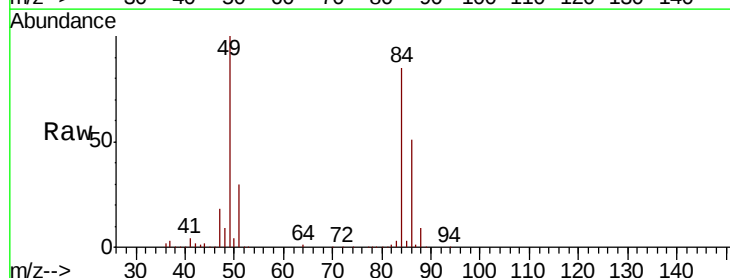
Ion Ratio Lower Upper

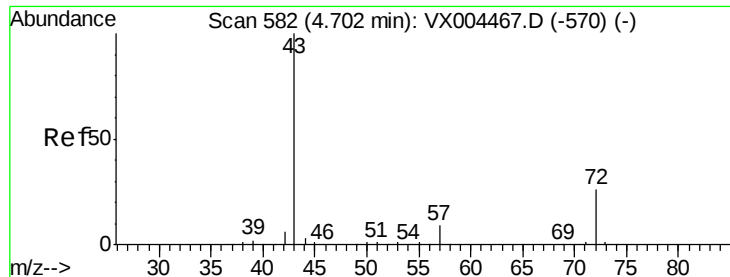
84 100

49 117.1 101.2 151.8

51 34.6 29.5 44.3

86 60.3 52.3 78.5





#25

2-Butanone

Concen: 9.49 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004560.D

Acq: 15 Sep 2018 03:36

Instrument :

MSVOA_X

ClientSampleId :

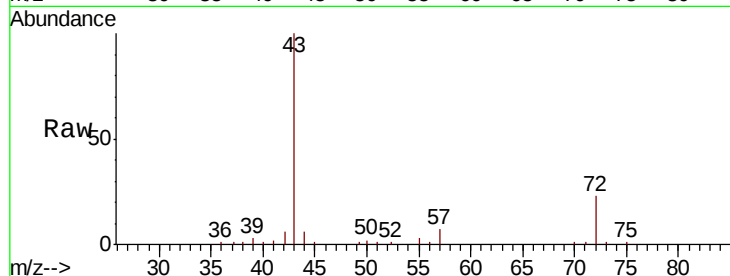
S13-EB-2018-1

Tot Ion: 43 Resp: 26444

Ion Ratio Lower Upper

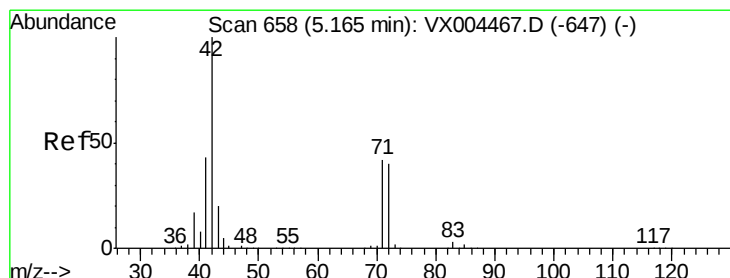
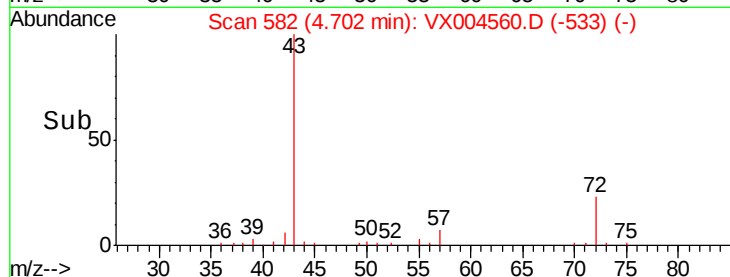
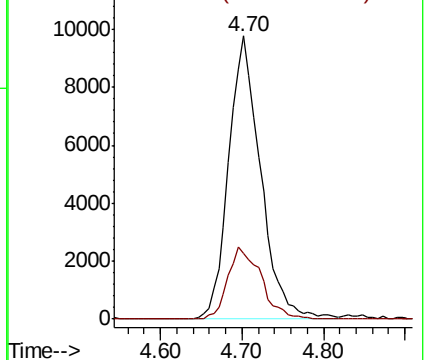
43 100

72 23.3 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 234.34 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX004560.D

Acq: 15 Sep 2018 03:36

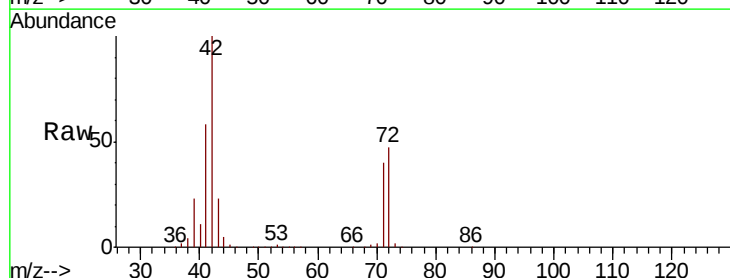
Tgt Ion: 42 Resp: 393799

Ion Ratio Lower Upper

42 100

72 48.6 37.4 56.0

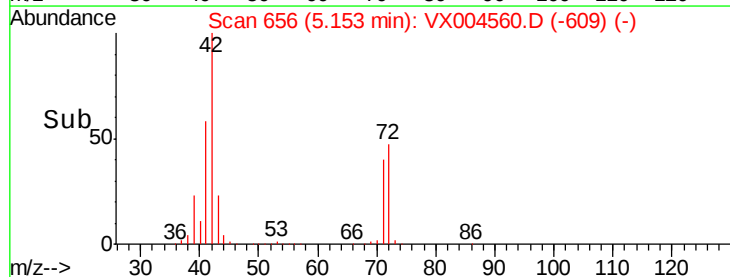
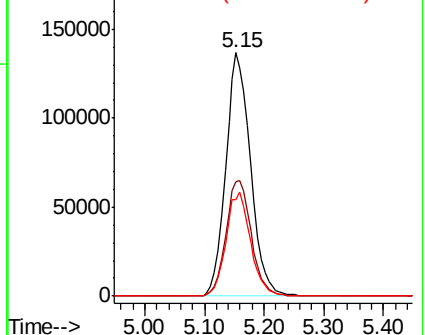
71 42.5 34.5 51.7

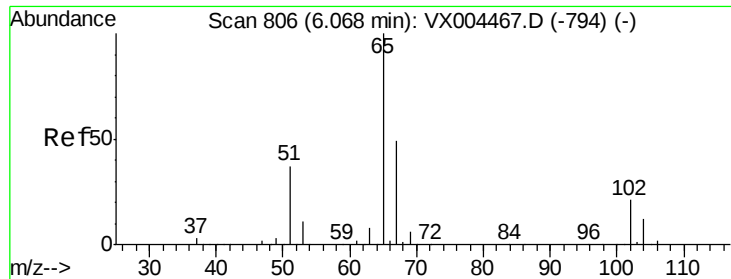


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

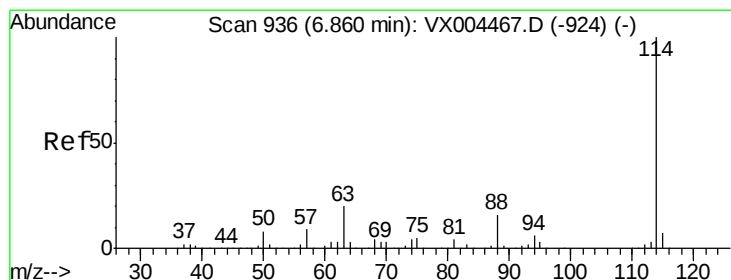
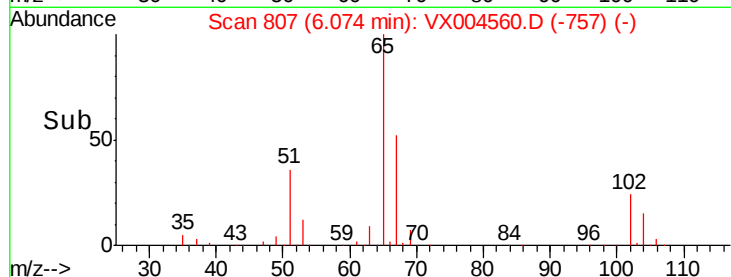
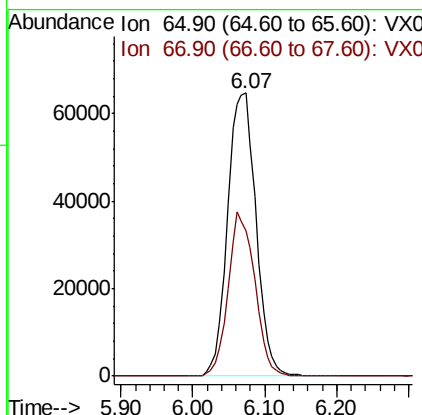
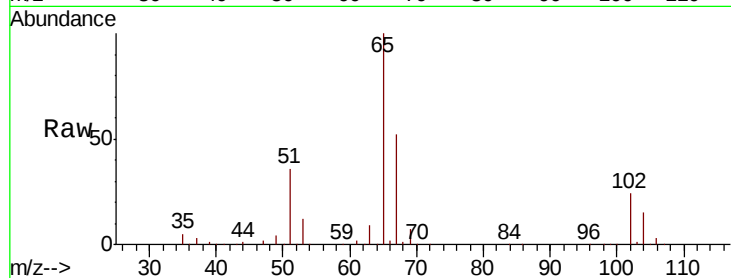




#33
 1,2-Dichloroethane-d4
 Concen: 49.35 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004560.D
 Acq: 15 Sep 2018 03:36

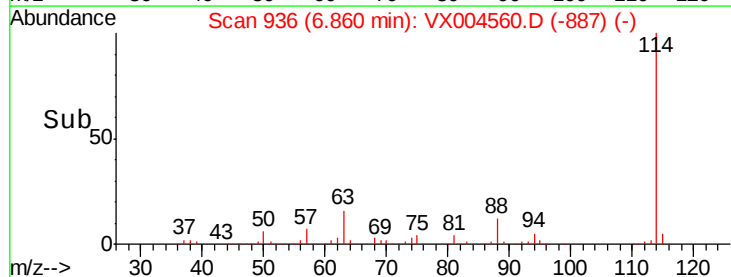
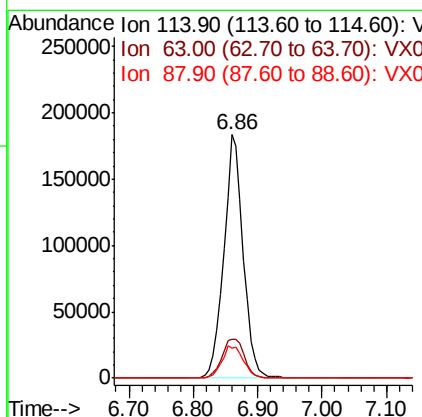
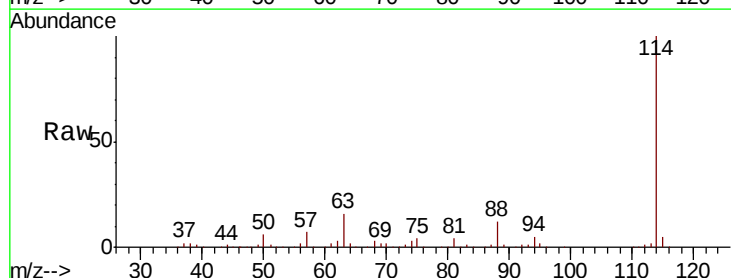
Instrument :
 MSVOA_X
 ClientSampleId :
 S13-EB-2018-1

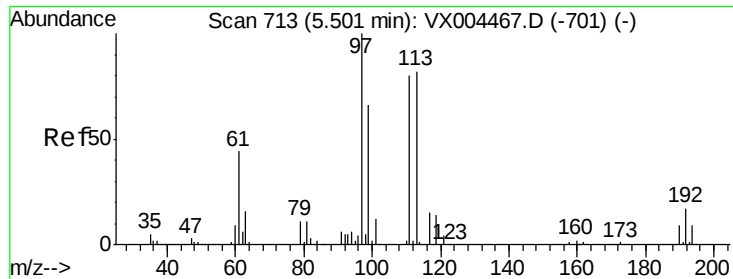
Tot Ion: 65 Resp: 177035
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004560.D
 Acq: 15 Sep 2018 03:36

Tgt Ion: 114 Resp: 388273
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 39.0
 88 12.3 0.0 30.4

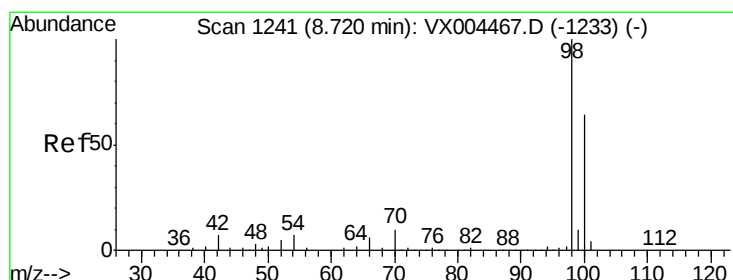
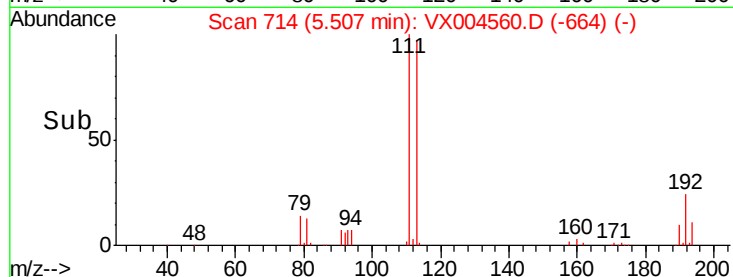
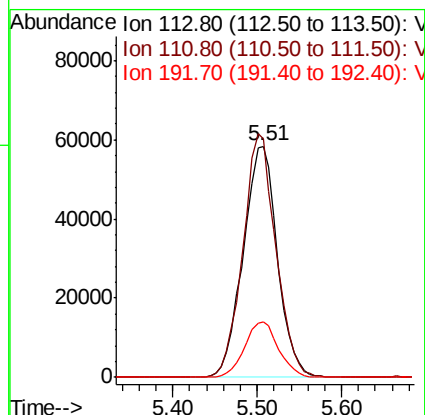
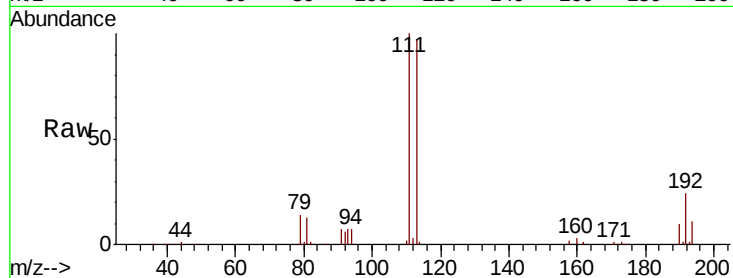




#35
 Dibromofluoromethane
 Concen: 45.04 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004560.D
 Acq: 15 Sep 2018 03:36

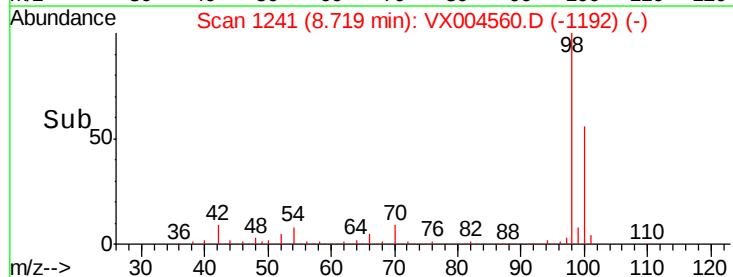
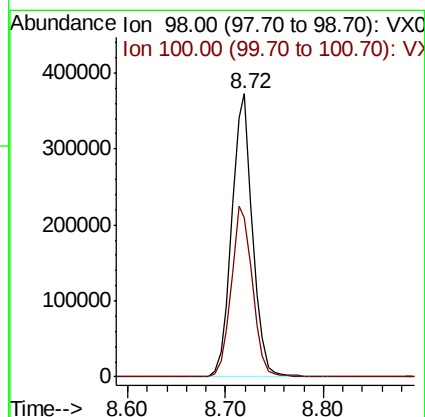
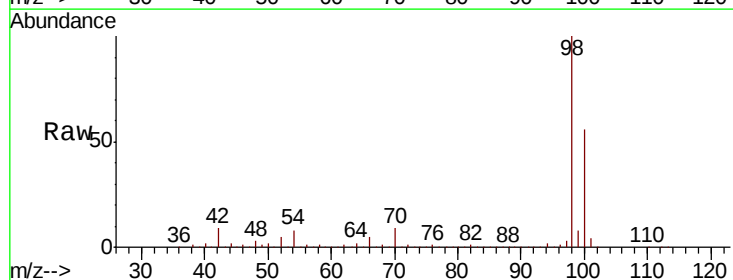
Instrument :
 MSVOA_X
 ClientSampleId :
 S13-EB-2018-1

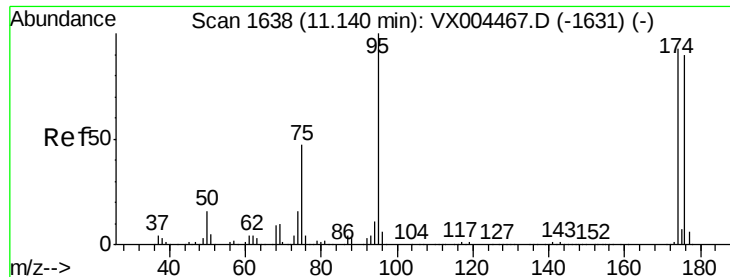
Tot Ion:113 Resp: 160013
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.4 123.6
 192 23.8 19.4 29.2



#50
 Toluene-d8
 Concen: 45.93 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VX004560.D
 Acq: 15 Sep 2018 03:36

Tgt Ion: 98 Resp: 547222
 Ion Ratio Lower Upper
 98 100
 100 61.6 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 41.66 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004560.D

Acq: 15 Sep 2018 03:36

Instrument :

MSVOA_X

ClientSampleId :

S13-EB-2018-1

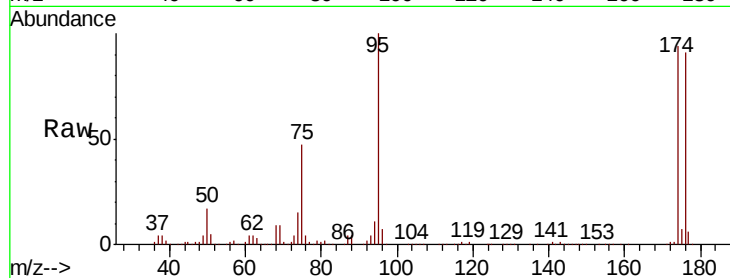
Tot Ion: 95 Resp: 177201

Ion Ratio Lower Upper

95 100

174 93.5 0.0 185.2

176 89.7 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) (-)

11.14

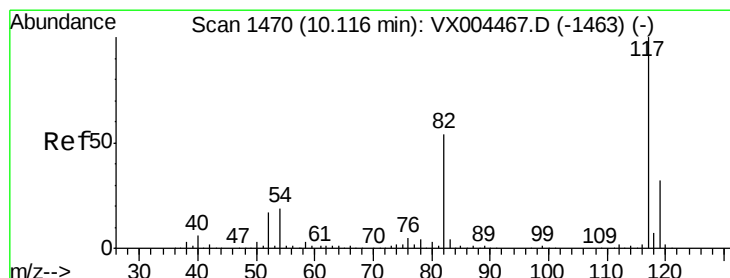
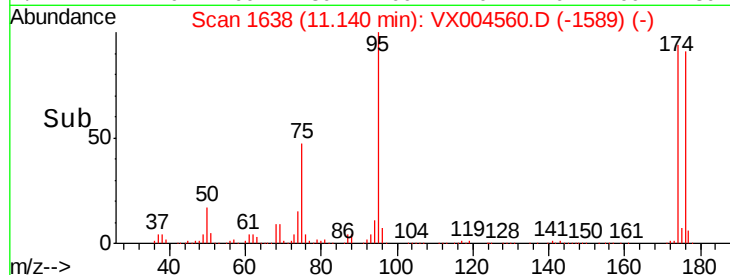
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004560.D

Acq: 15 Sep 2018 03:36

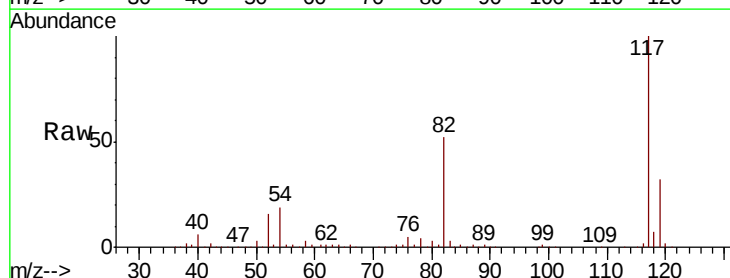
Tgt Ion: 117 Resp: 348532

Ion Ratio Lower Upper

117 100

82 52.3 47.8 71.6

119 32.2 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) (-)

10.12

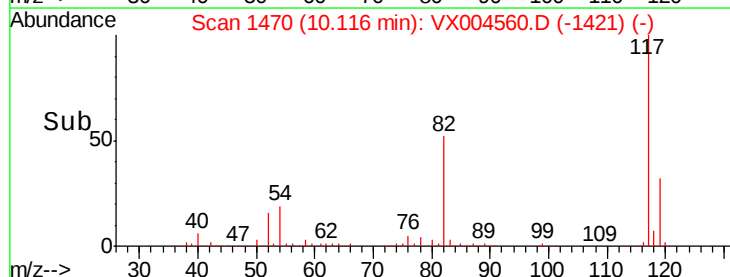
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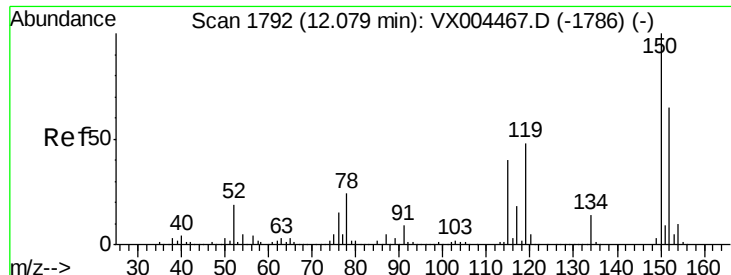
200000

100000

0

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: VX004560.D
 Acq: 15 Sep 2018 03:36

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-EB-2018-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.7	39.0	117.0
150	155.6	0.0	351.0

