

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080218\
 Data File : VX003826.D
 Acq On : 02 Aug 2018 15:38
 Operator : JC/MD
 Sample : J4279-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WE13-GW-TANK2-IDW-072918

Quant Time: Aug 03 10:30:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 27 16:17:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	21870	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	112849	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	104593	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	47813	29.78	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.27%
60) 4-Bromofluorobenzene	11.14	95	44246	26.27	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	87.57%
63) Toluene-d8	8.72	98	135339	28.72	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.73%

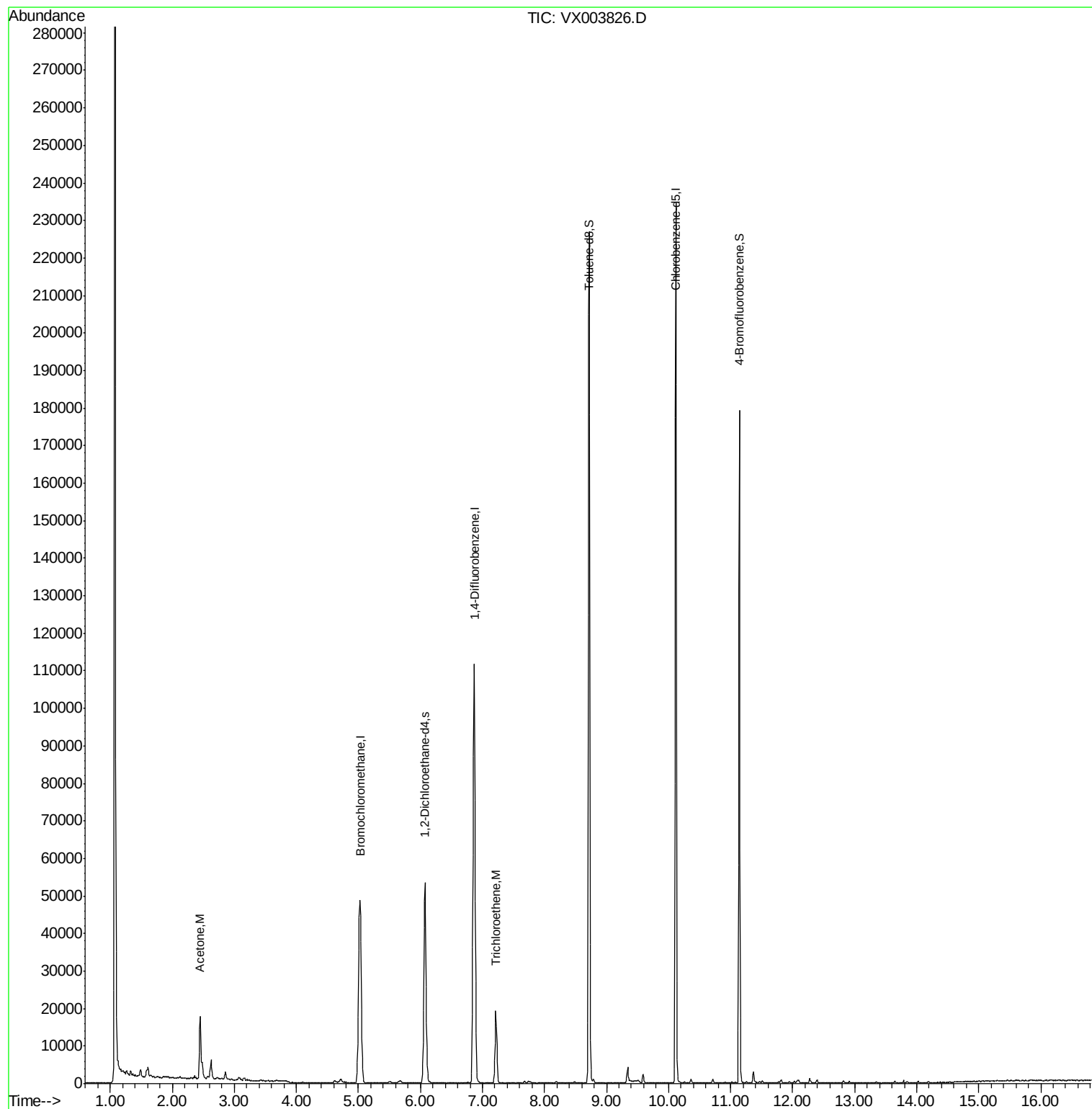
Target Compounds					Ovalue
15) Acetone	2.45	58	5732	23.11 ug/l	83
37) Trichloroethene	7.22	130	7808	5.85 ug/l	88

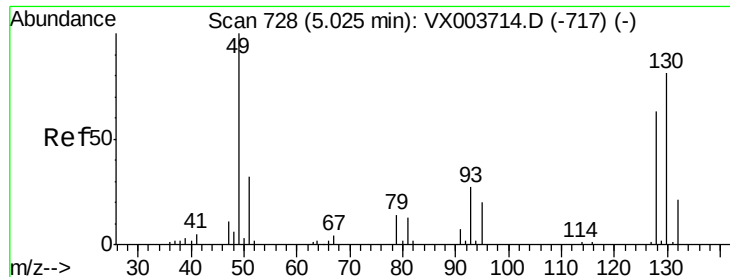
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX003826.D

Acq: 02 Aug 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

WE13-GW-TANK2-IDW-072918

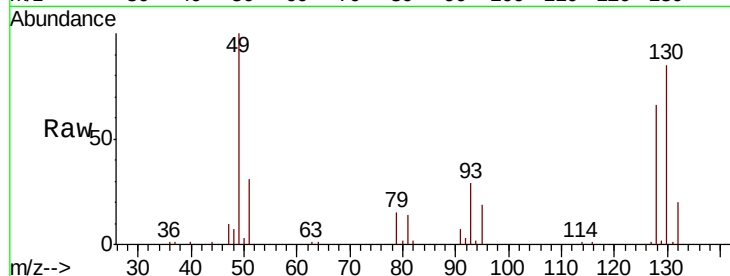
Tot Ion:128 Resp: 21870

Ion Ratio Lower Upper

128 100

49 158.6 0.0 423.0

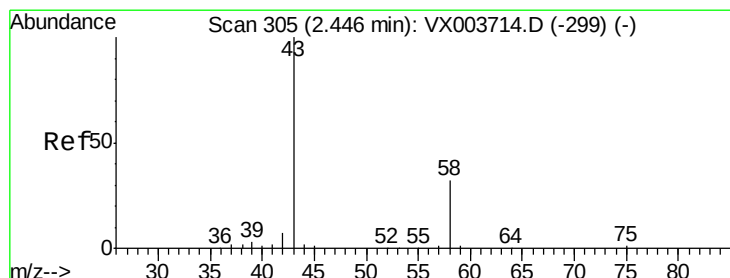
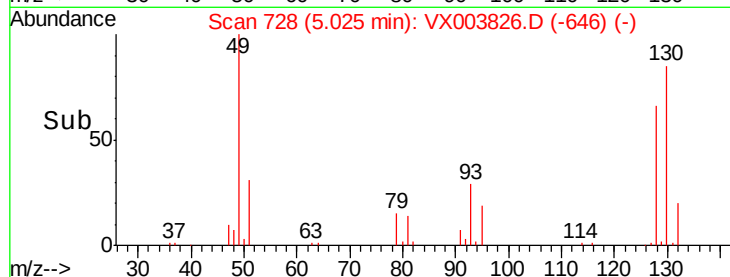
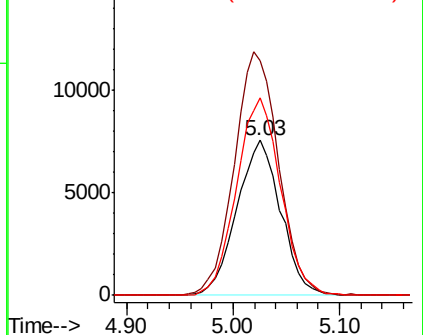
130 128.6 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 23.11 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003826.D

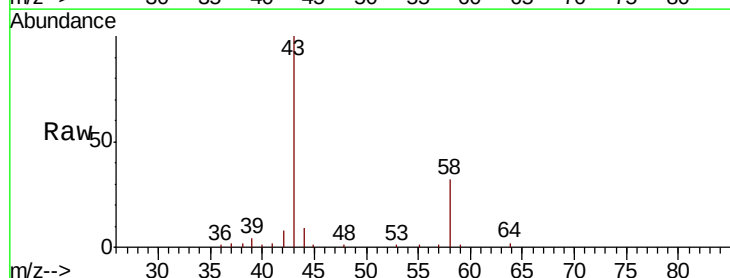
Acq: 02 Aug 2018 15:38

Tgt Ion: 58 Resp: 5732

Ion Ratio Lower Upper

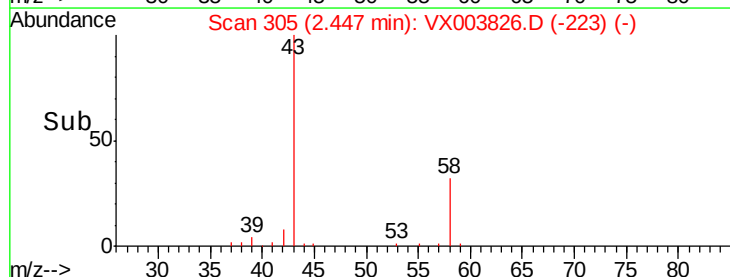
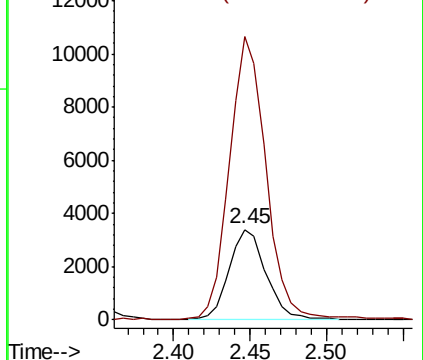
58 100

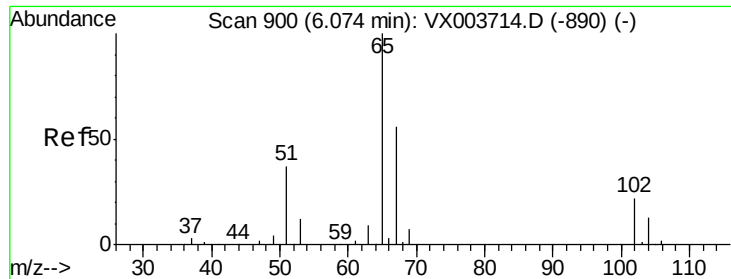
43 311.1 278.8 418.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

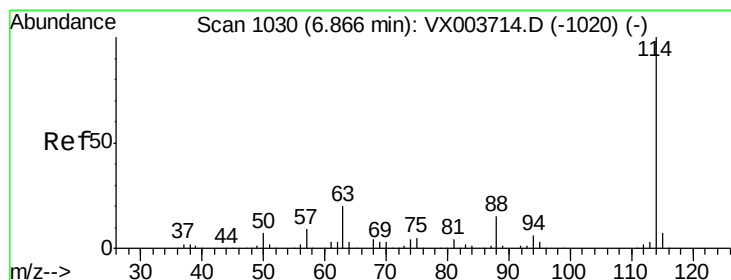
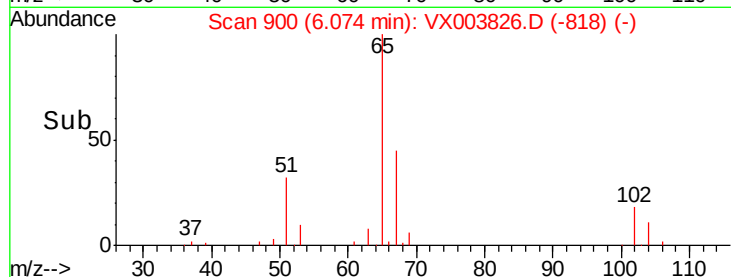
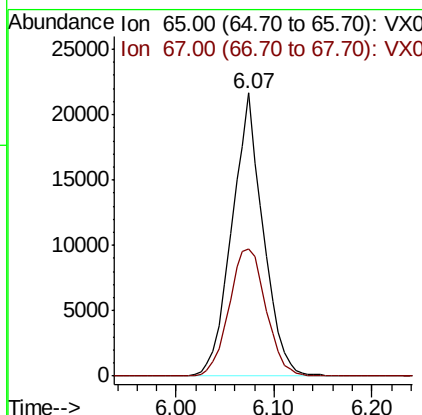
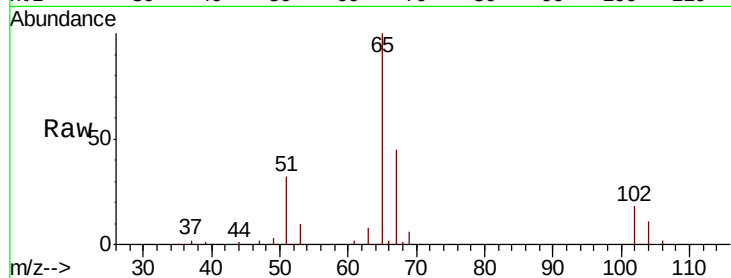




#27
 1,2-Dichloroethane-d4
 Concen: 29.78 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003826.D
 Acq: 02 Aug 2018 15:38

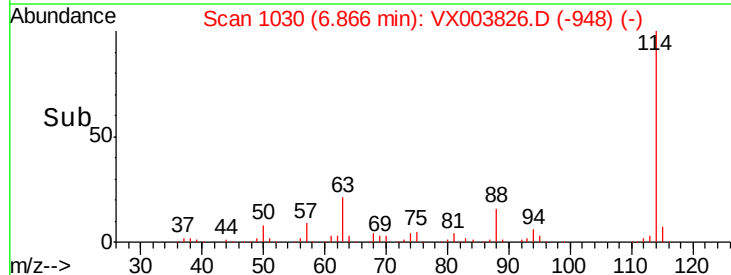
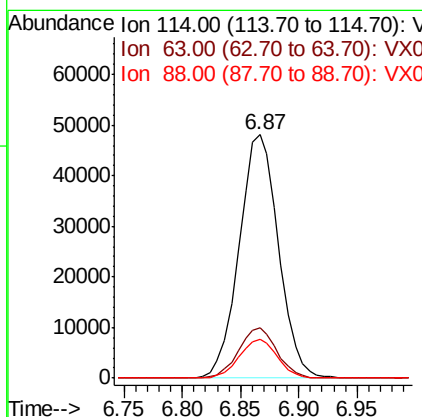
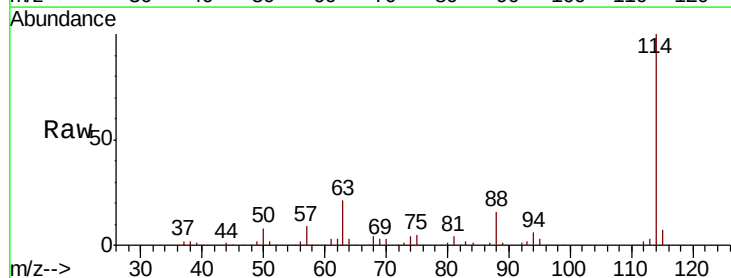
Instrument :
 MSVOA_X
 ClientSampleId :
 WE13-GW-TANK2-IDW-072918

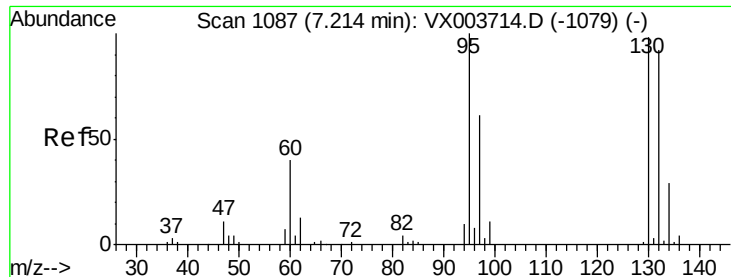
Tot Ion: 65 Resp: 47813
 Ion Ratio Lower Upper
 65 100
 67 52.9 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003826.D
 Acq: 02 Aug 2018 15:38

Tgt Ion: 114 Resp: 112849
 Ion Ratio Lower Upper
 114 100
 63 20.1 17.1 25.7
 88 15.5 12.6 19.0





#37

Trichloroethene

Concen: 5.85 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003826.D

Acq: 02 Aug 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

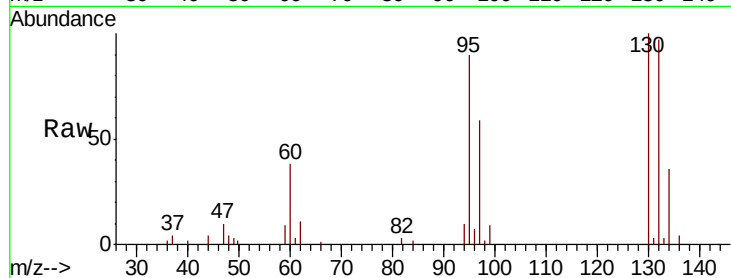
WE13-GW-TANK2-IDW-072918

Tot Ion:130 Resp: 7808

Ion Ratio Lower Upper

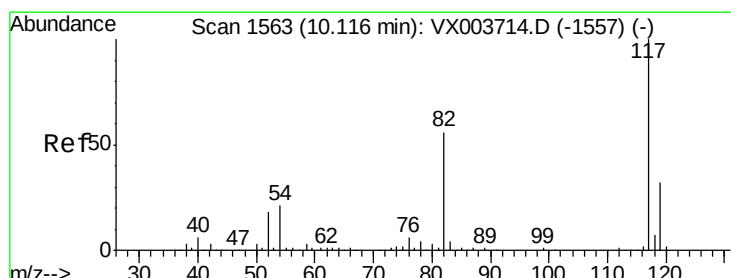
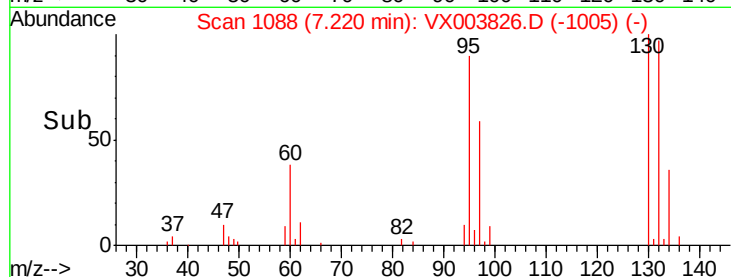
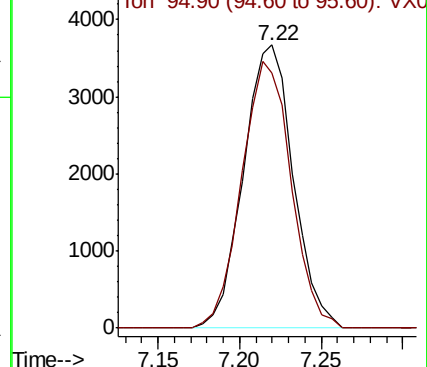
130 100

95 89.9 81.5 122.3



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#57

Chlorobenzene-d5

Concen: 30.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003826.D

Acq: 02 Aug 2018 15:38

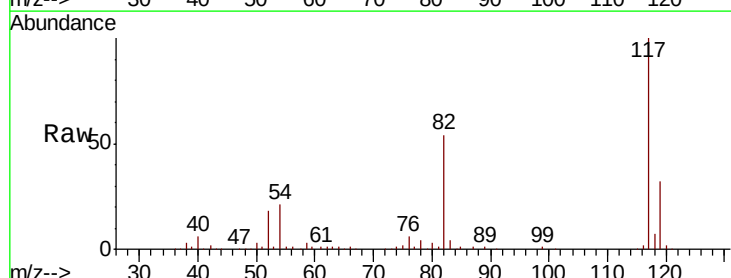
Tgt Ion:117 Resp: 104593

Ion Ratio Lower Upper

117 100

82 54.2 44.3 66.5

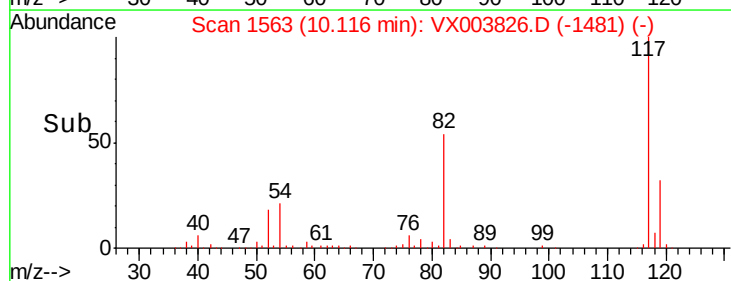
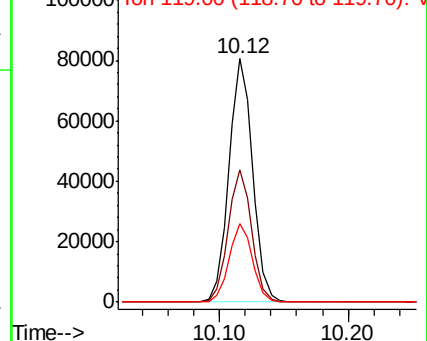
119 31.8 25.7 38.5

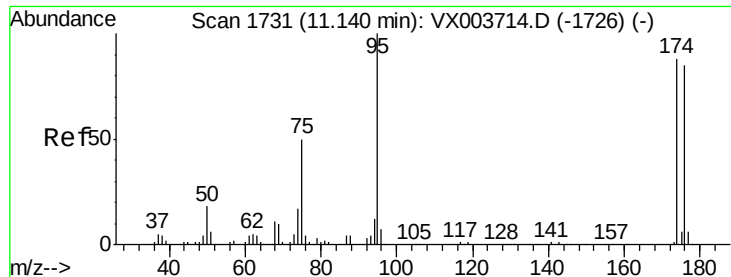


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

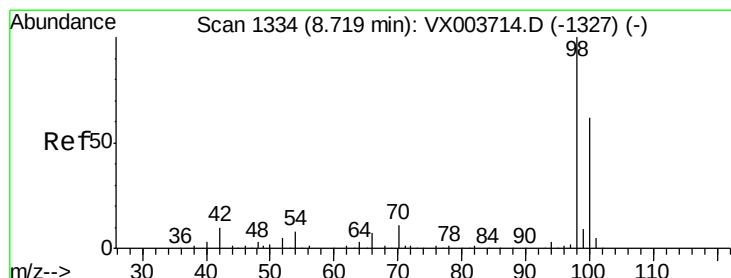
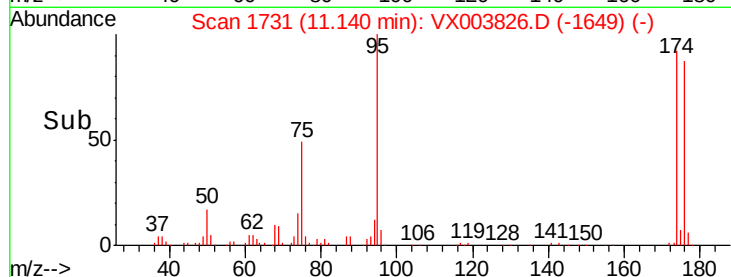
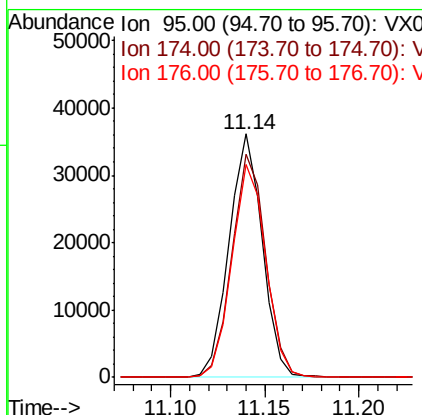
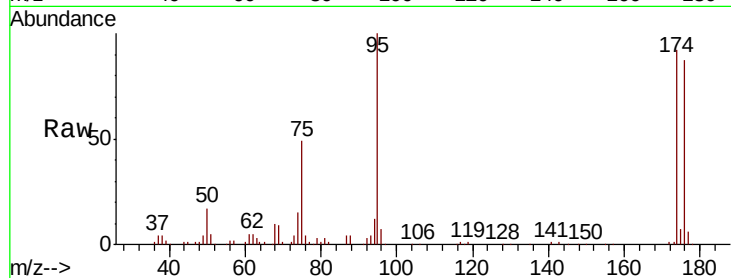




#60
 4-Bromofluorobenzene
 Concen: 26.27 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003826.D
 Acq: 02 Aug 2018 15:38

Instrument :
 MSVOA_X
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 WE13-GW-TANK2-IDW-072918

Tot Ion: 95 Resp: 44246
 Ion Ratio Lower Upper
 95 100
 174 93.3 71.8 107.6
 176 89.1 70.1 105.1



#63
 Toluene-d8
 Concen: 28.72 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003826.D
 Acq: 02 Aug 2018 15:38

Tgt Ion: 98 Resp: 135339
 Ion Ratio Lower Upper
 98 100
 100 63.8 50.8 76.2

