

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003630.D
 Acq On : 24 Jul 2018 04:03
 Operator : JC/SP
 Sample : J4073-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D3-071718

Quant Time: Jul 24 09:05:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	357990	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188639	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	141110	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
35) Dibromofluoromethane	5.51	113	132740	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
50) Toluene-d8	8.72	98	497875	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.14	95	169136	45.22	ug/l	0.00
Spiked Amount			Recovery	=	90.44%	

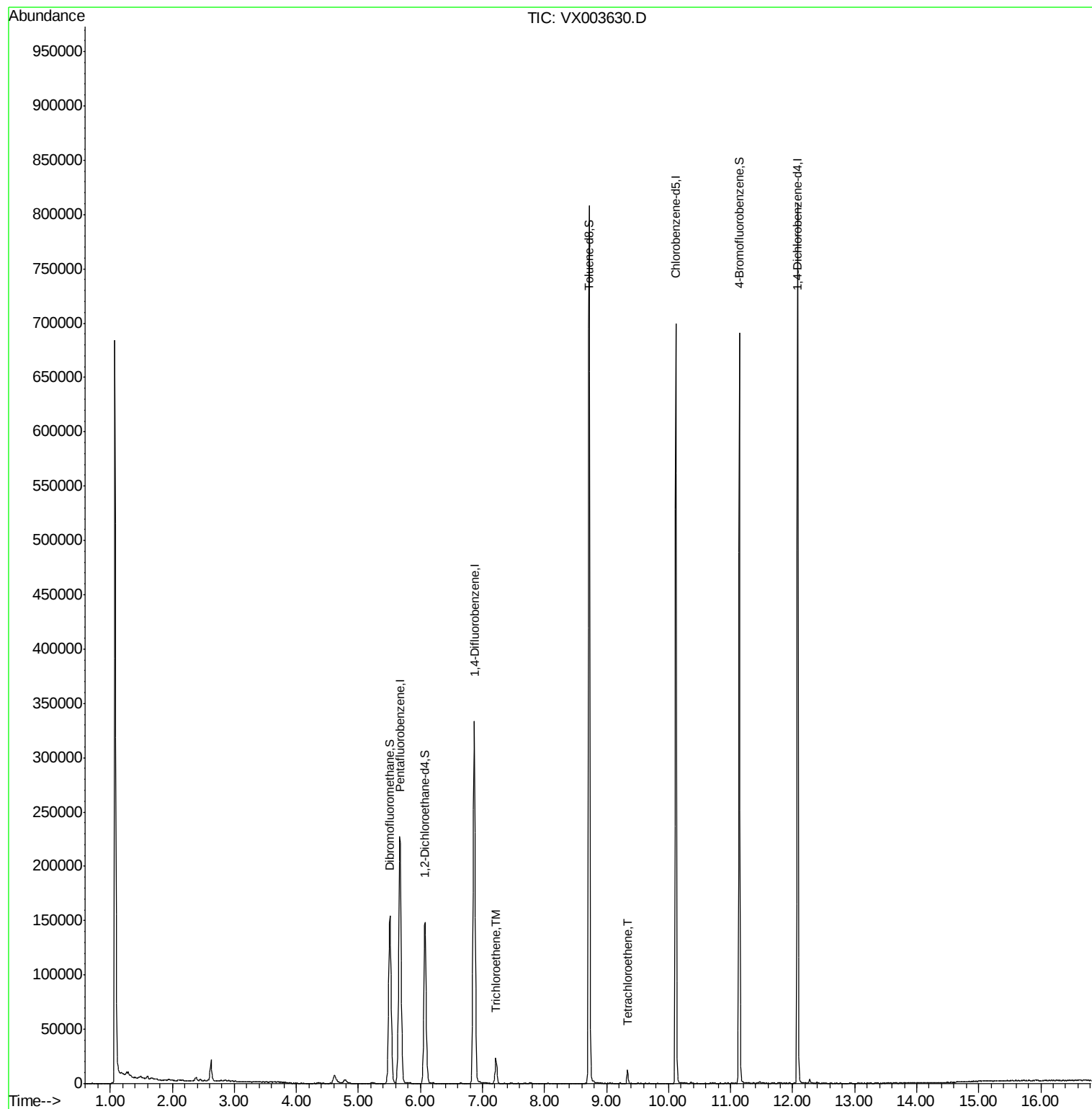
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Trichloroethene	7.22	130	10253	2.95	ug/l	97
64) Tetrachloroethene	9.34	164	2801	0.68	ug/l	98

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

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QLast Update : Thu Jul 19 17:09:44 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003630.D

Acq: 24 Jul 2018 04:03

Instrument :

MSVOA_X

ClientSampleId :

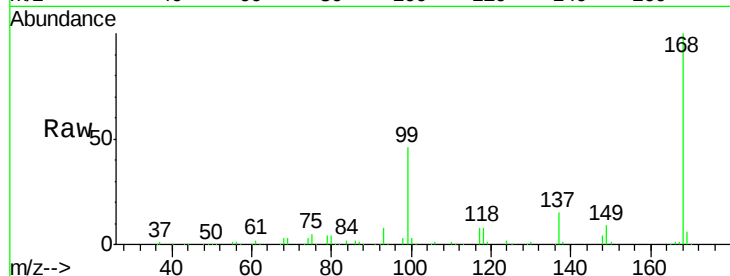
RE126D3-071718

Tot Ion:168 Resp: 249075

Ion Ratio Lower Upper

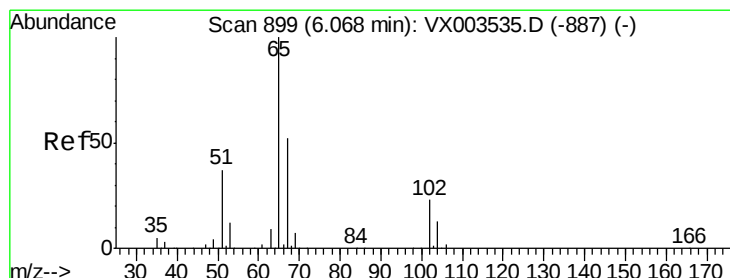
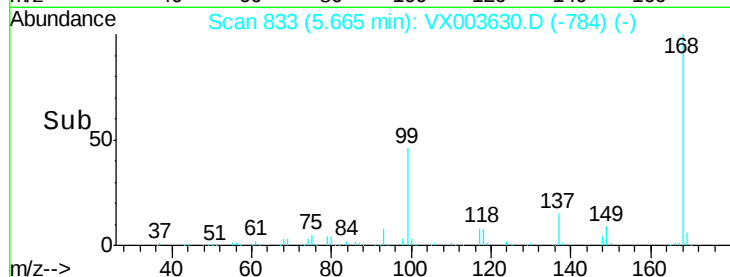
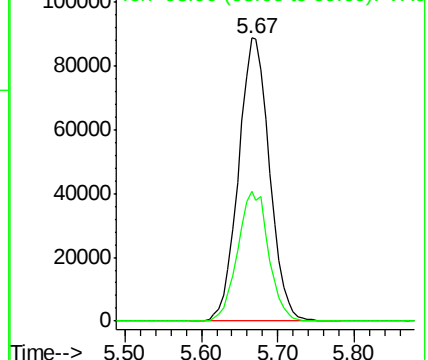
168 100

99 45.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.86 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003630.D

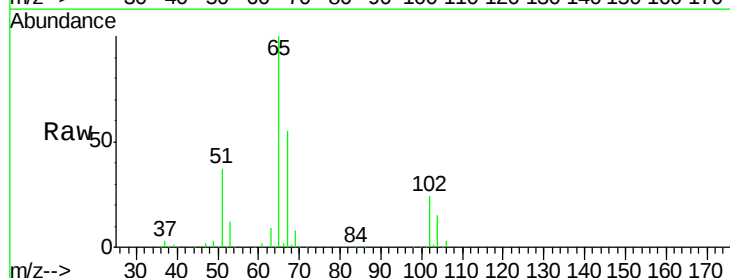
Acq: 24 Jul 2018 04:03

Tgt Ion: 65 Resp: 141110

Ion Ratio Lower Upper

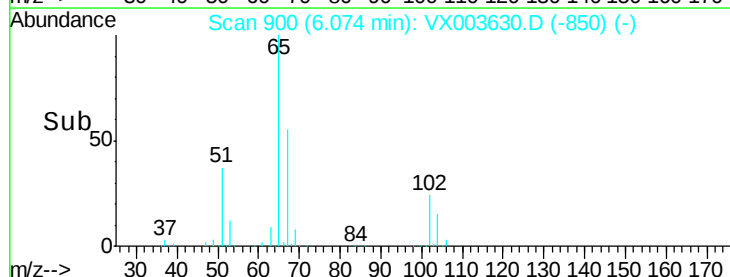
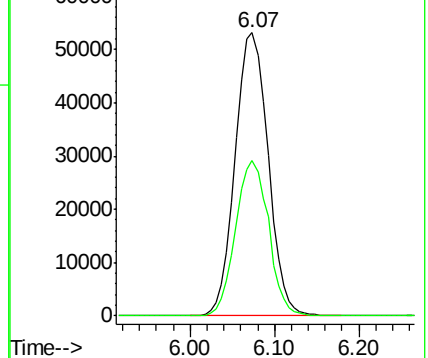
65 100

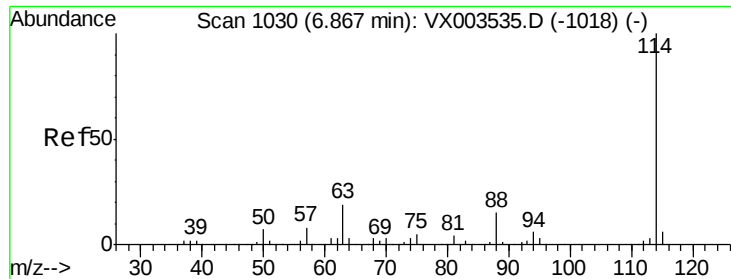
67 54.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003630.D

Acq: 24 Jul 2018 04:03

Instrument :

MSVOA_X

ClientSampleId :

RE126D3-071718

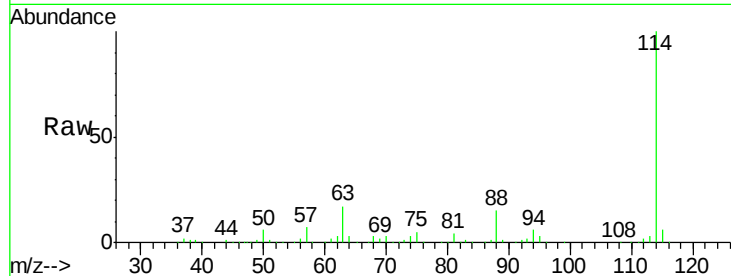
Tot Ion:114 Resp: 357990

Ion Ratio Lower Upper

114 100

63 17.3 0.0 41.4

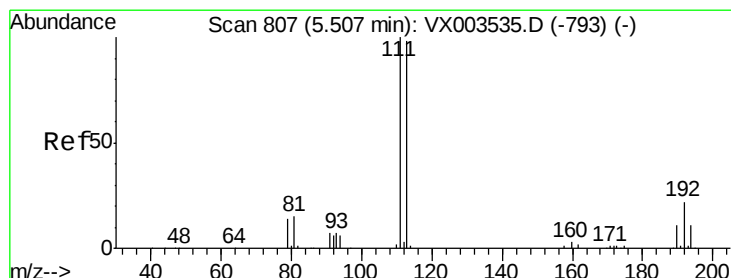
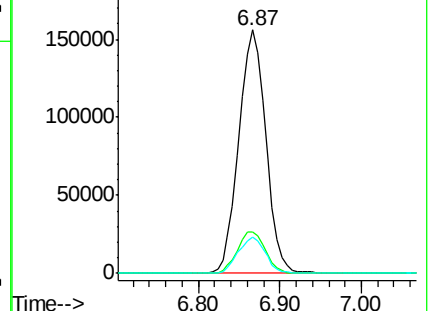
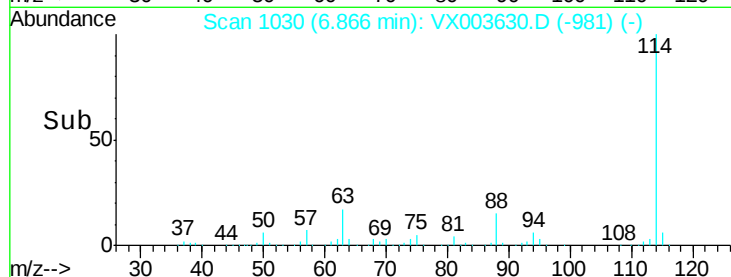
88 14.8 0.0 30.0



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: 48.68 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003630.D

Acq: 24 Jul 2018 04:03

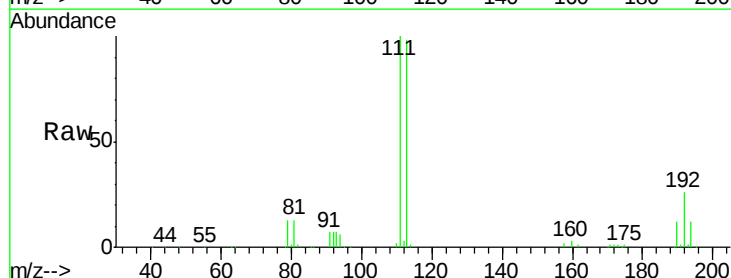
Tgt Ion:113 Resp: 132740

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

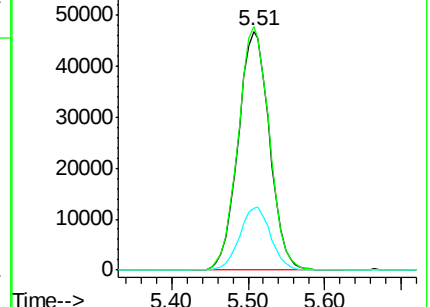
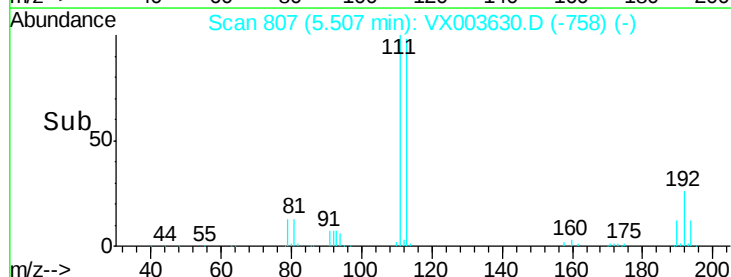
192 26.2 19.1 28.7

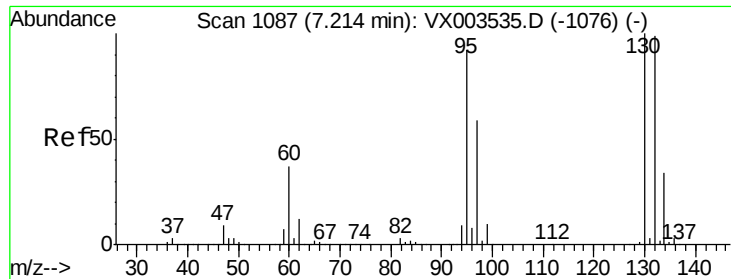


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

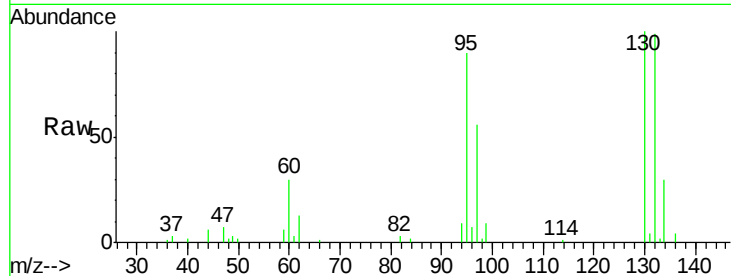




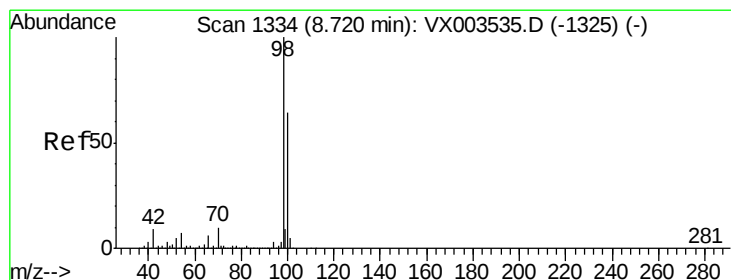
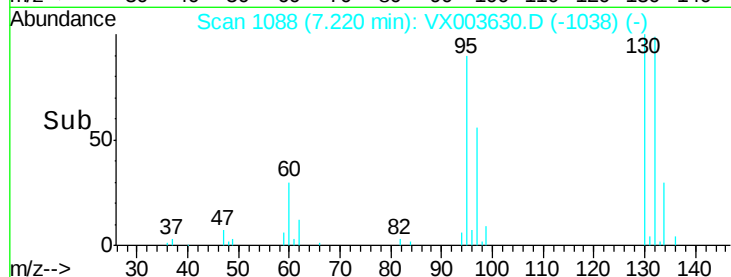
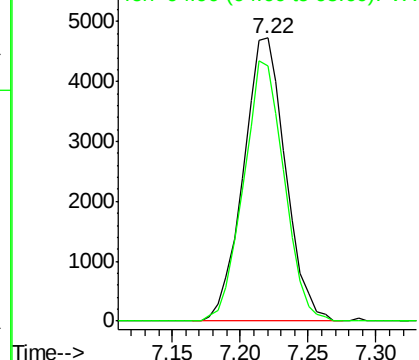
#44
 Trichloroethene
 Concen: 2.95 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003630.D
 Acq: 24 Jul 2018 04:03

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D3-071718

Tot Ion:130 Resp: 10253
 Ion Ratio Lower Upper
 130 100
 95 89.9 0.0 185.4

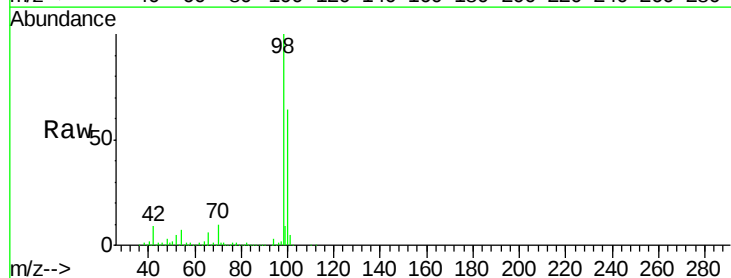


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

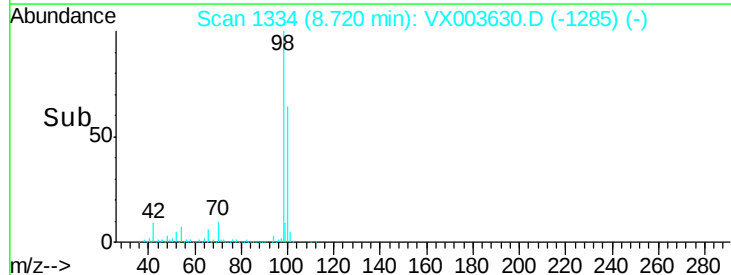
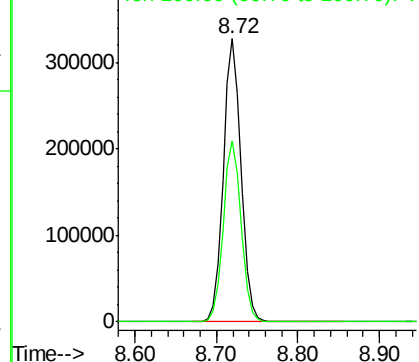


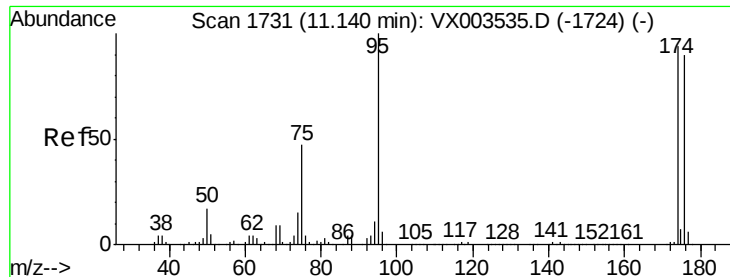
#50
 Toluene-d8
 Concen: 48.58 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003630.D
 Acq: 24 Jul 2018 04:03

Tgt Ion: 98 Resp: 497875
 Ion Ratio Lower Upper
 98 100
 100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX

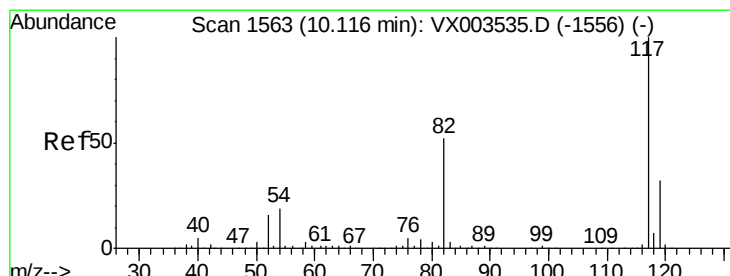
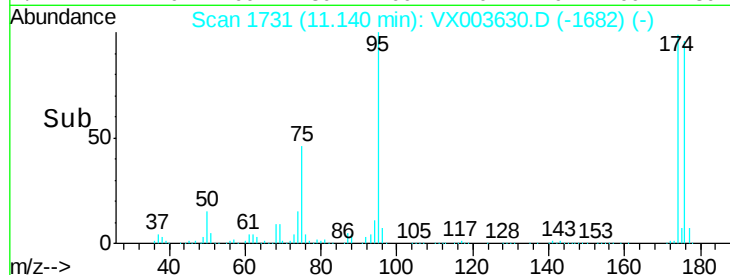
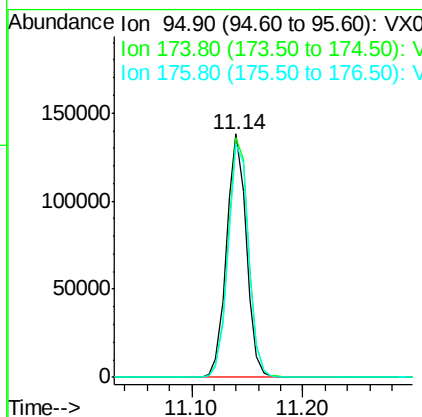
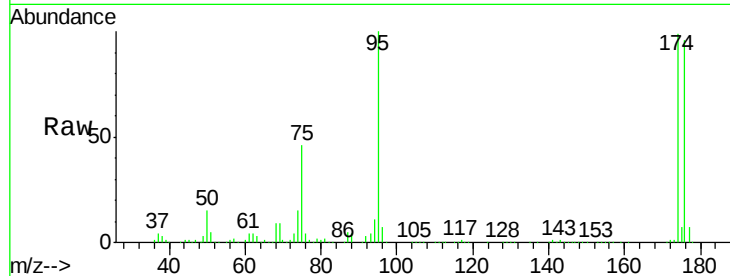




#62
4-Bromofluorobenzene
Concen: 45.22 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003630.D
Acq: 24 Jul 2018 04:03

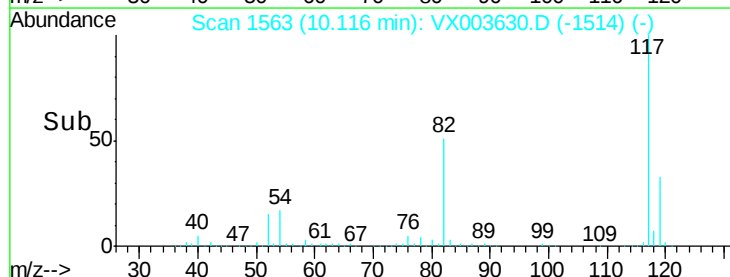
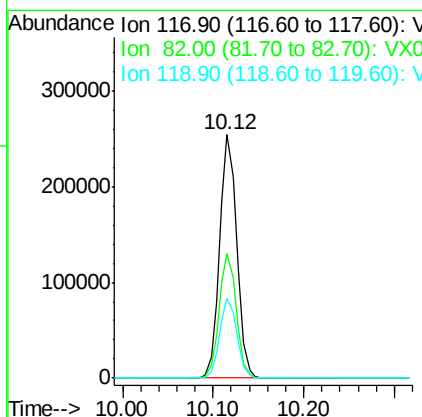
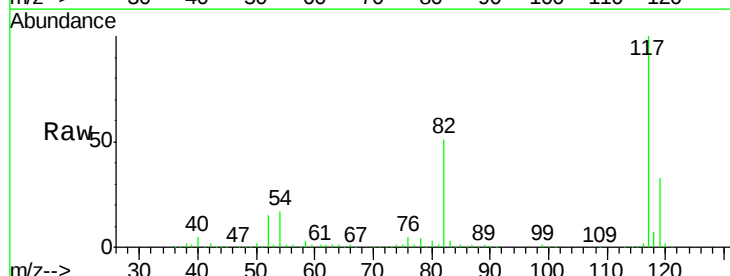
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-071718

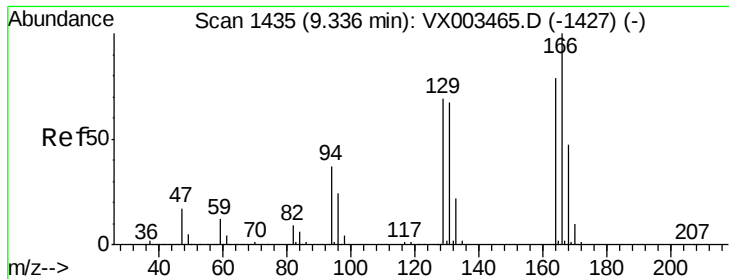
Tot Ion: 95 Resp: 169136
Ion Ratio Lower Upper
95 100
174 102.6 0.0 187.4
176 98.9 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003630.D
Acq: 24 Jul 2018 04:03

Tgt Ion: 117 Resp: 337101
Ion Ratio Lower Upper
117 100
82 51.2 45.0 67.4
119 32.6 25.8 38.6





#64

Tetrachloroethene

Concen: 0.68 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.01 min

Lab File: VX003630.D

Acq: 24 Jul 2018 04:03

Instrument :
MSVOA_X
ClientSampleId :
RE126D3-071718

Tot Ion:164 Resp: 2801

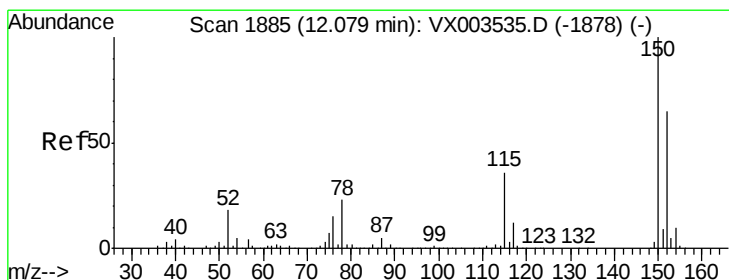
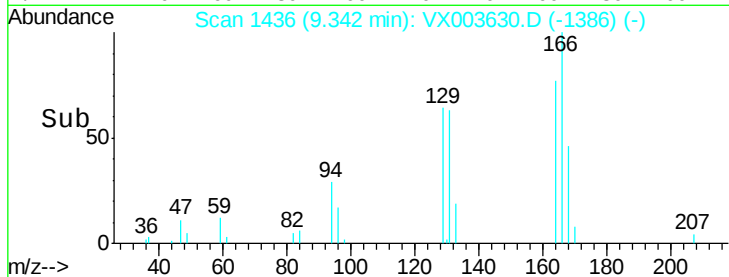
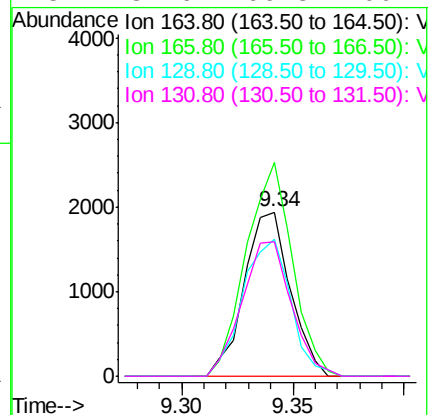
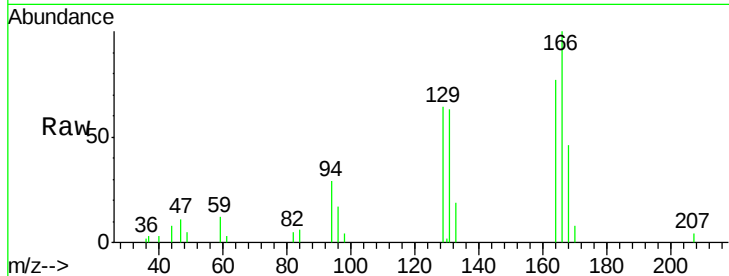
Ion Ratio Lower Upper

164 100

166 130.1 102.9 154.3

129 83.3 68.6 102.8

131 81.6 66.8 100.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003630.D

Acq: 24 Jul 2018 04:03

Tgt Ion:152 Resp: 188639

Ion Ratio Lower Upper

152 100

115 52.6 40.1 120.2

150 155.8 0.0 347.2

