

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072018\
 Data File : VX003530.D
 Acq On : 21 Jul 2018 01:23
 Operator : JC/SP
 Sample : J4014-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D1-071318

Quant Time: Jul 27 03:16:54 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	312883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	431593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	398107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	176314	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
35) Dibromofluoromethane	5.50	113	177791	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
50) Toluene-d8	8.72	98	604868	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.14	95	204964	45.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.92%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	5002	1.441	ug/l	97
16) Acetone	2.45	43	7196	5.144	ug/l #	89
44) Trichloroethene	7.21	130	194756	46.418	ug/l	100
64) Tetrachloroethene	9.34	164	2628	0.542	ug/l	94

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

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ClientSampleId :

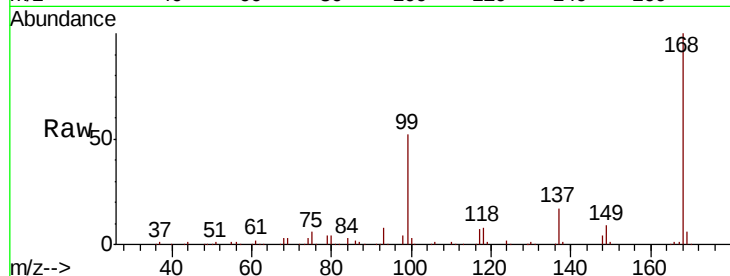
RE104D1-071318

Tgt Ion:168 Resp: 312883

Ion Ratio Lower Upper

168 100

99 52.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

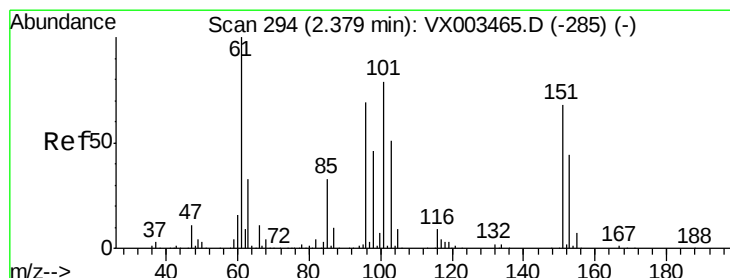
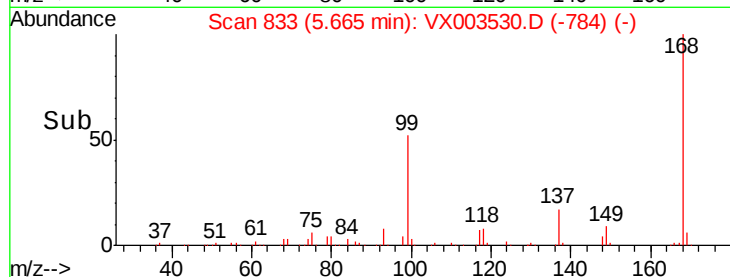
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.441 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003530.D

Acq: 21 Jul 2018 01:23

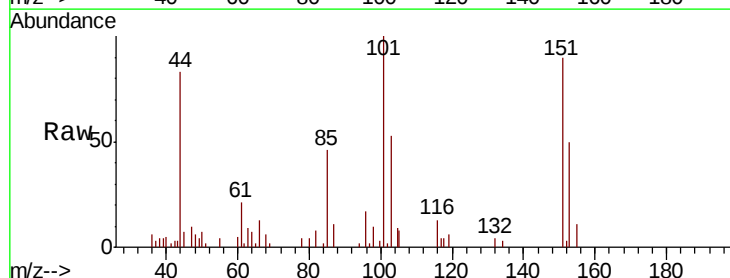
Tgt Ion:101 Resp: 5002

Ion Ratio Lower Upper

101 100

85 43.5 36.0 54.0

151 85.2 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

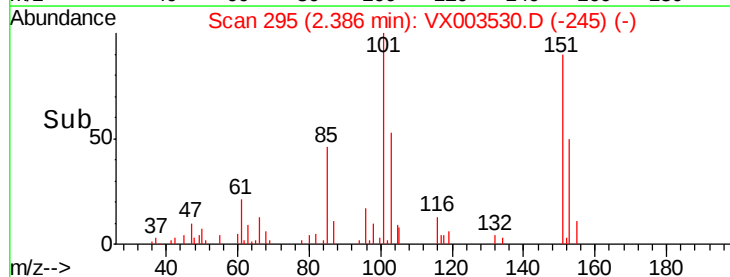
3000

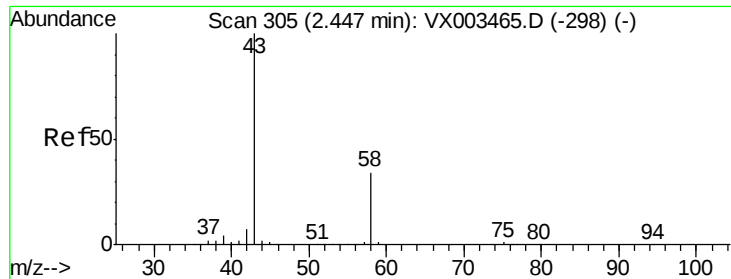
2000

1000

0

Time--> 2.30 2.35 2.40 2.45





#16

Acetone

Concen: 5.144 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003530.D

Acq: 21 Jul 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

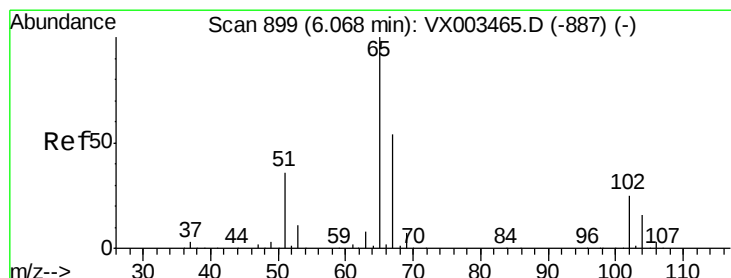
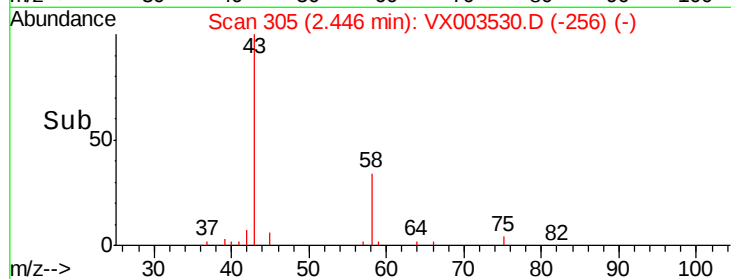
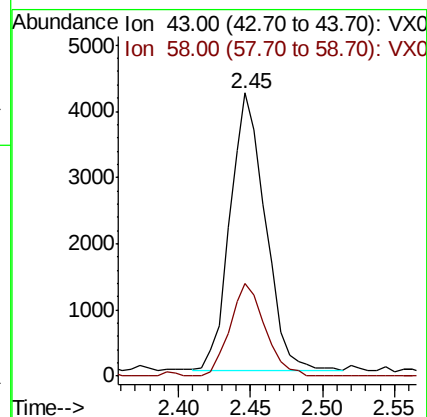
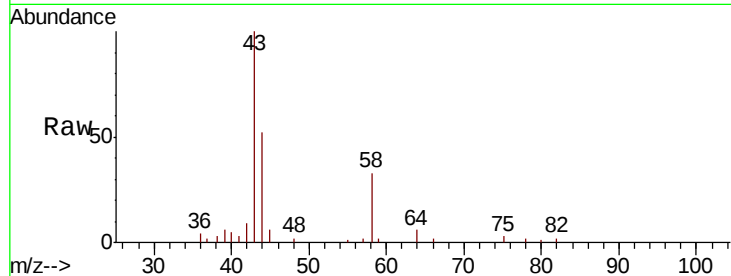
RE104D1-071318

Tgt Ion: 43 Resp: 7196

Ion Ratio Lower Upper

43 100

58 33.5 22.1 33.1#



#33

1,2-Dichloroethane-d4

Concen: 47.605 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003530.D

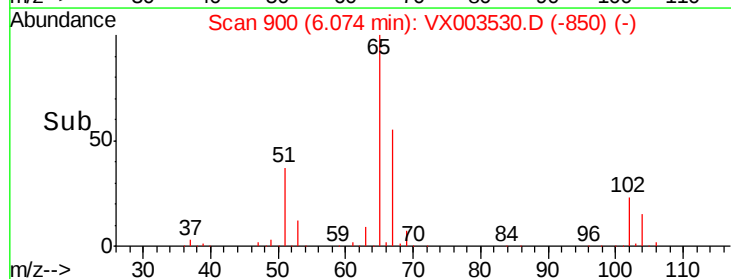
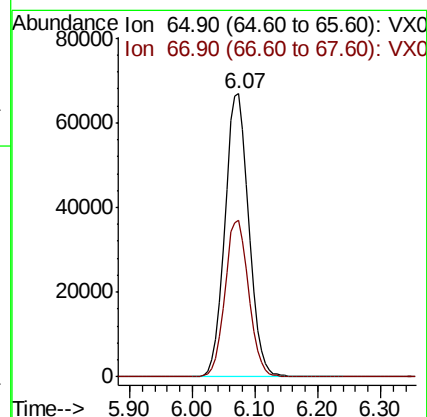
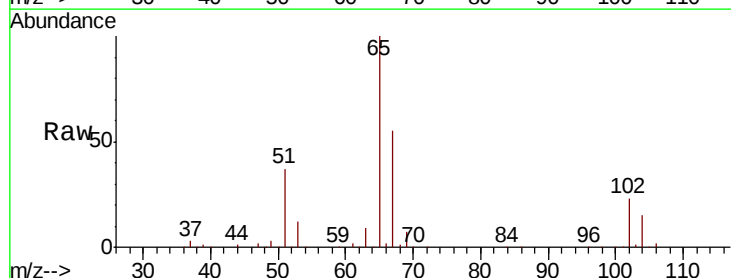
Acq: 21 Jul 2018 01:23

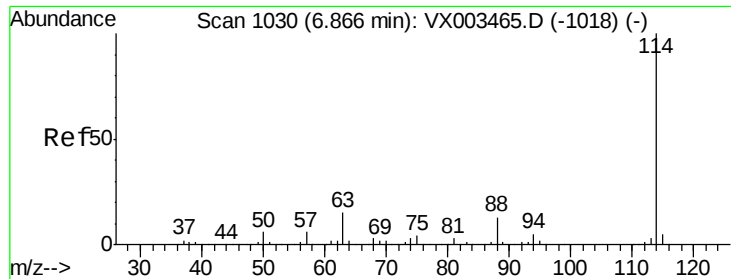
Tgt Ion: 65 Resp: 176314

Ion Ratio Lower Upper

65 100

67 55.0 0.0 102.6

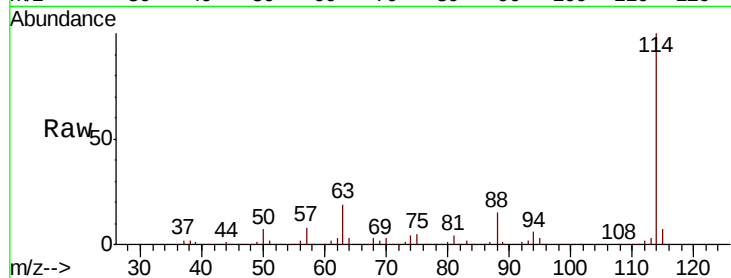




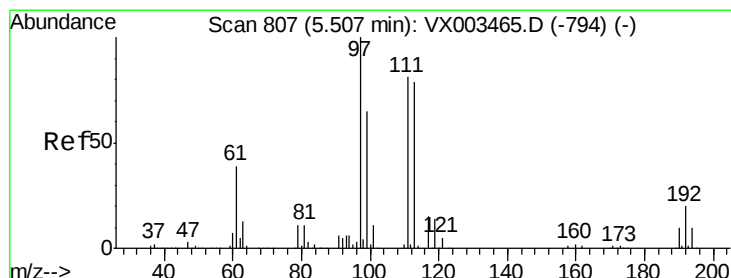
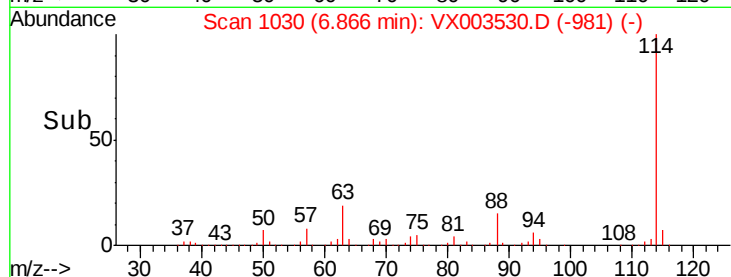
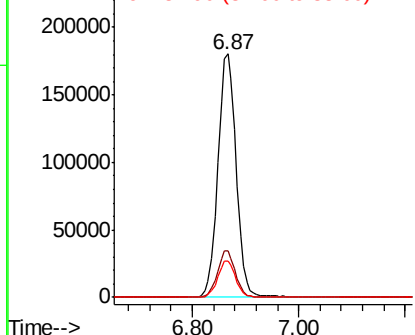
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003530.D
Acq: 21 Jul 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
RE104D1-071318

Tgt Ion:114 Resp: 431593
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.4
88 15.2 0.0 30.0

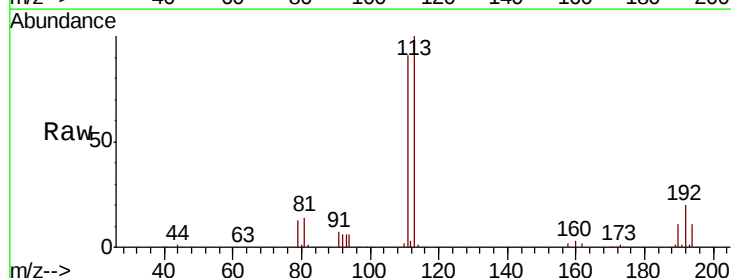


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

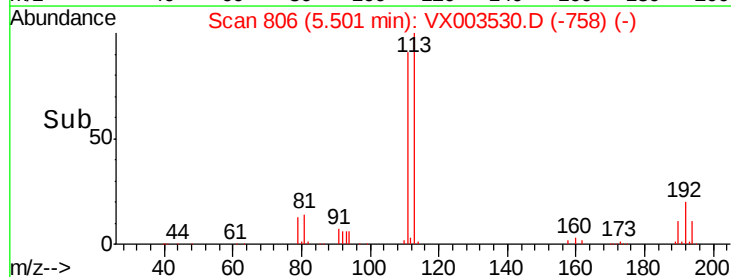
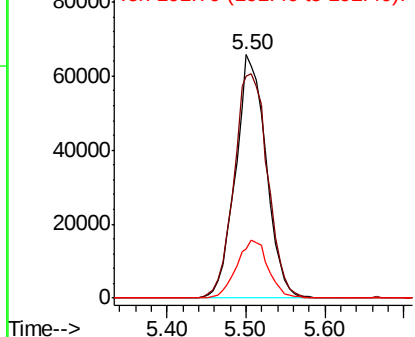


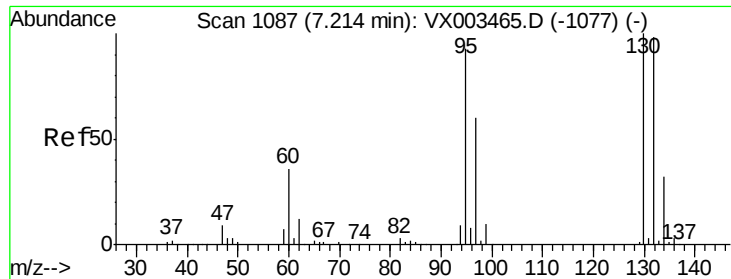
#35
Dibromofluoromethane
Concen: 54.084 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX003530.D
Acq: 21 Jul 2018 01:23

Tgt Ion:113 Resp: 177791
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 24.5 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

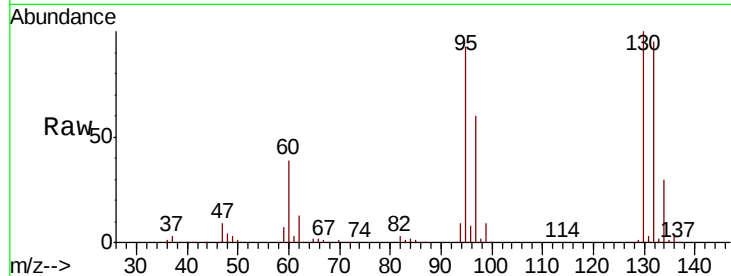




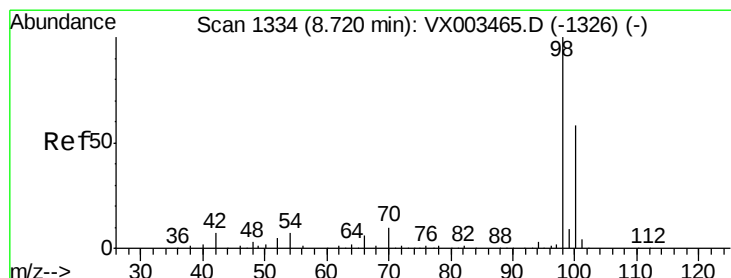
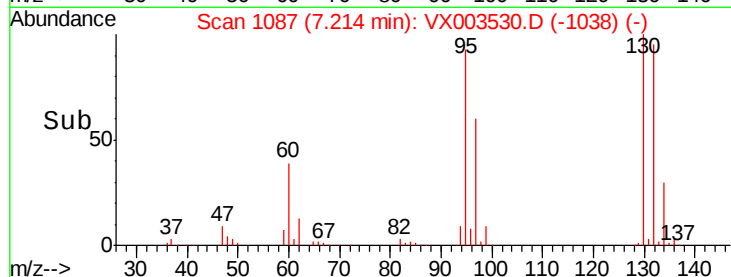
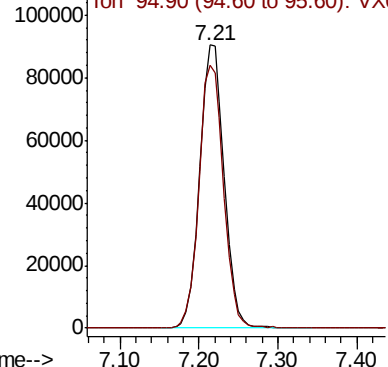
#44
 Trichloroethene
 Concen: 46.418 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003530.D
 Acq: 21 Jul 2018 01:23

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D1-071318

Tgt Ion:130 Resp: 194756
 Ion Ratio Lower Upper
 130 100
 95 92.8 0.0 185.4

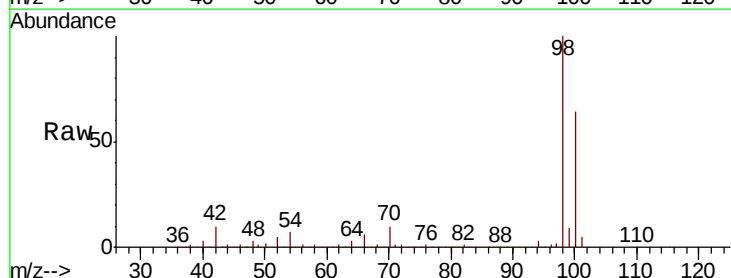


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

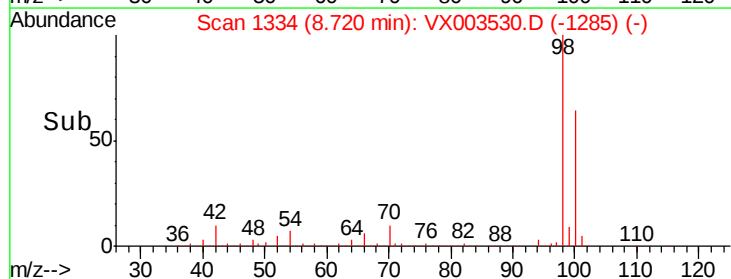
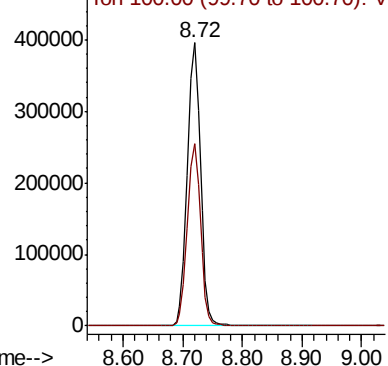


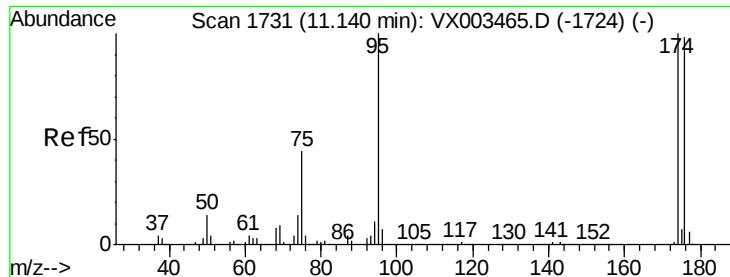
#50
 Toluene-d8
 Concen: 48.954 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003530.D
 Acq: 21 Jul 2018 01:23

Tgt Ion: 98 Resp: 604868
 Ion Ratio Lower Upper
 98 100
 100 64.4 50.9 76.3



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

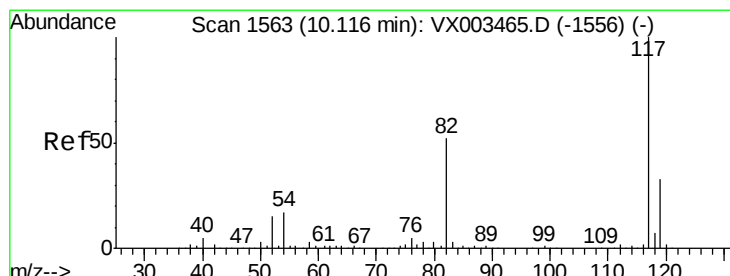
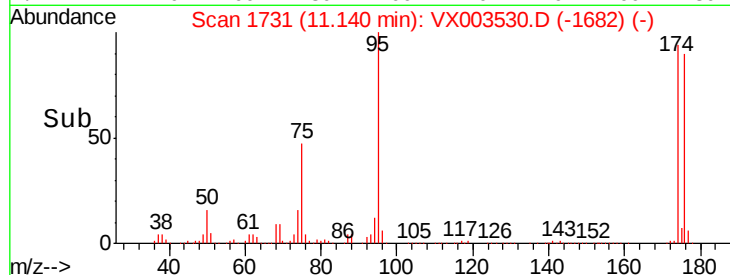
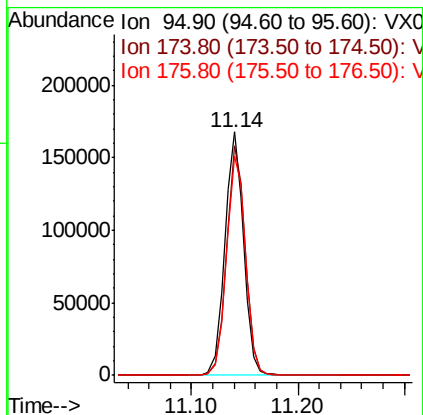
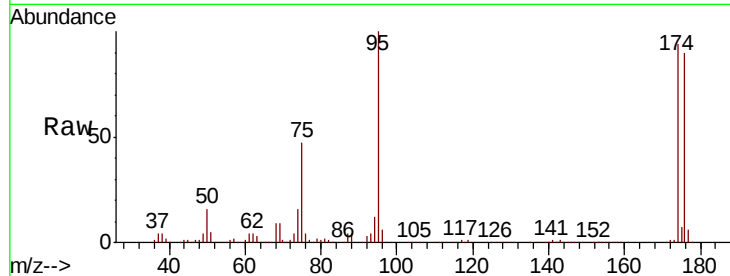




#62
4-Bromofluorobenzene
Concen: 45.455 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003530.D
Acq: 21 Jul 2018 01:23

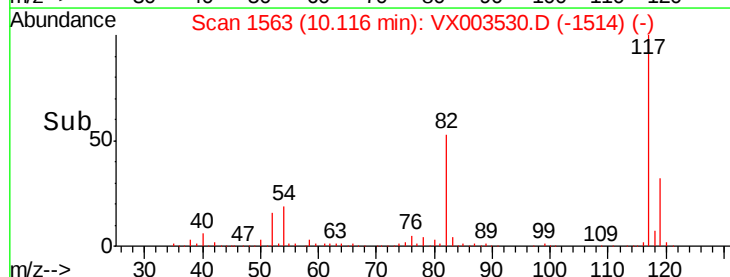
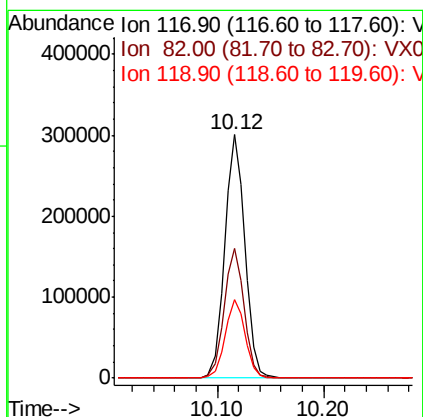
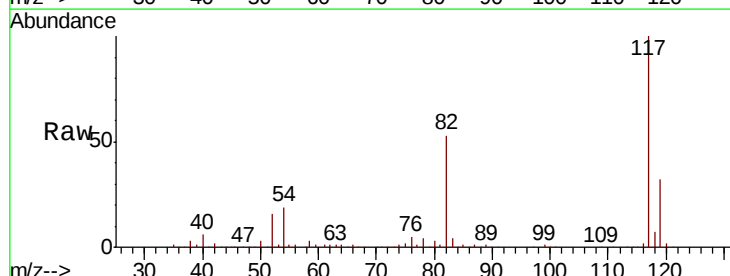
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-071318

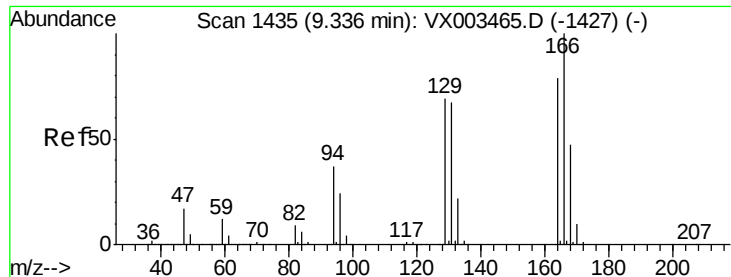
Tgt Ion: 95 Resp: 204964
Ion Ratio Lower Upper
95 100
174 95.0 0.0 187.4
176 92.2 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003530.D
Acq: 21 Jul 2018 01:23

Tgt Ion: 117 Resp: 398107
Ion Ratio Lower Upper
117 100
82 53.4 45.0 67.4
119 32.4 25.8 38.6





#64

Tetrachloroethene

Concen: 0.542 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX003530.D

Acq: 21 Jul 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

RE104D1-071318

Tgt Ion:164 Resp: 2628

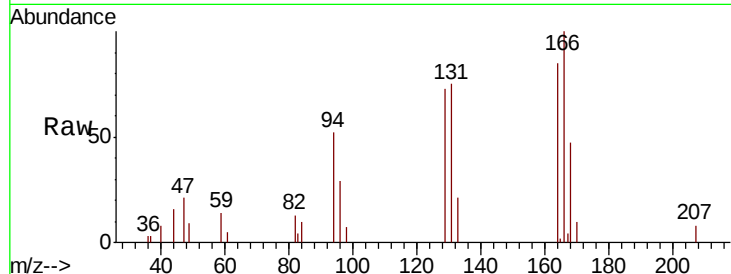
Ion Ratio Lower Upper

164 100

166 118.3 102.9 154.3

129 86.7 68.6 102.8

131 88.9 66.8 100.2

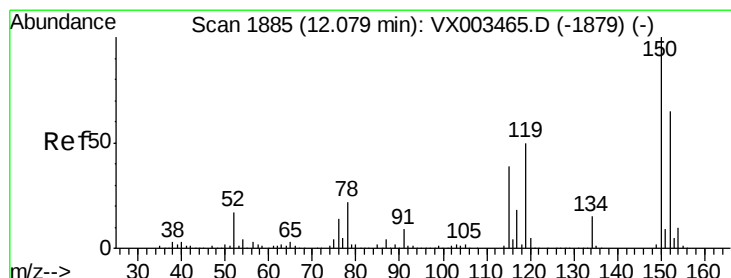
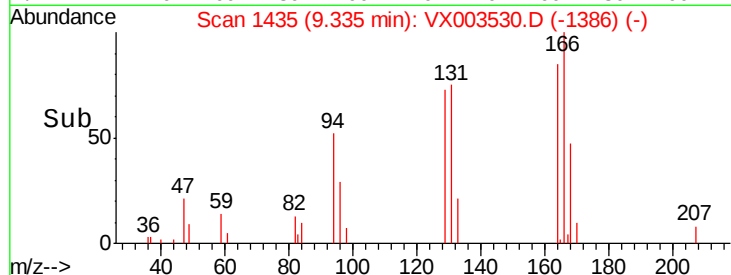
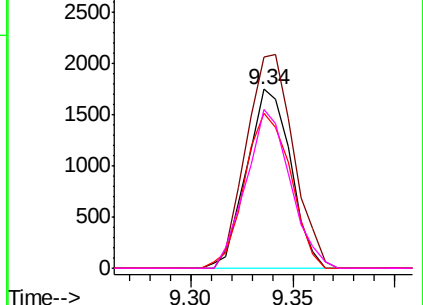


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003530.D

Acq: 21 Jul 2018 01:23

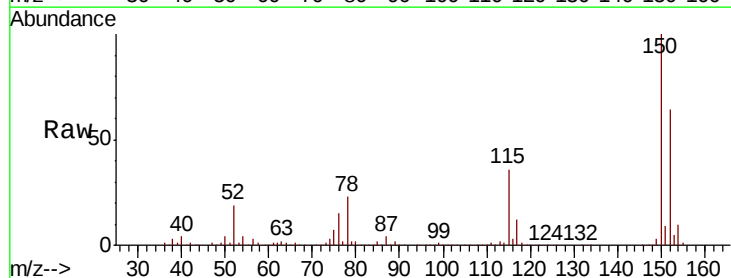
Tgt Ion:152 Resp: 217117

Ion Ratio Lower Upper

152 100

115 54.0 40.1 120.2

150 155.5 0.0 347.2



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

