

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072018\
 Data File : VX003539.D
 Acq On : 21 Jul 2018 05:21
 Operator : JC/SP
 Sample : J4014-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-071318

Quant Time: Jul 23 12:13:17 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

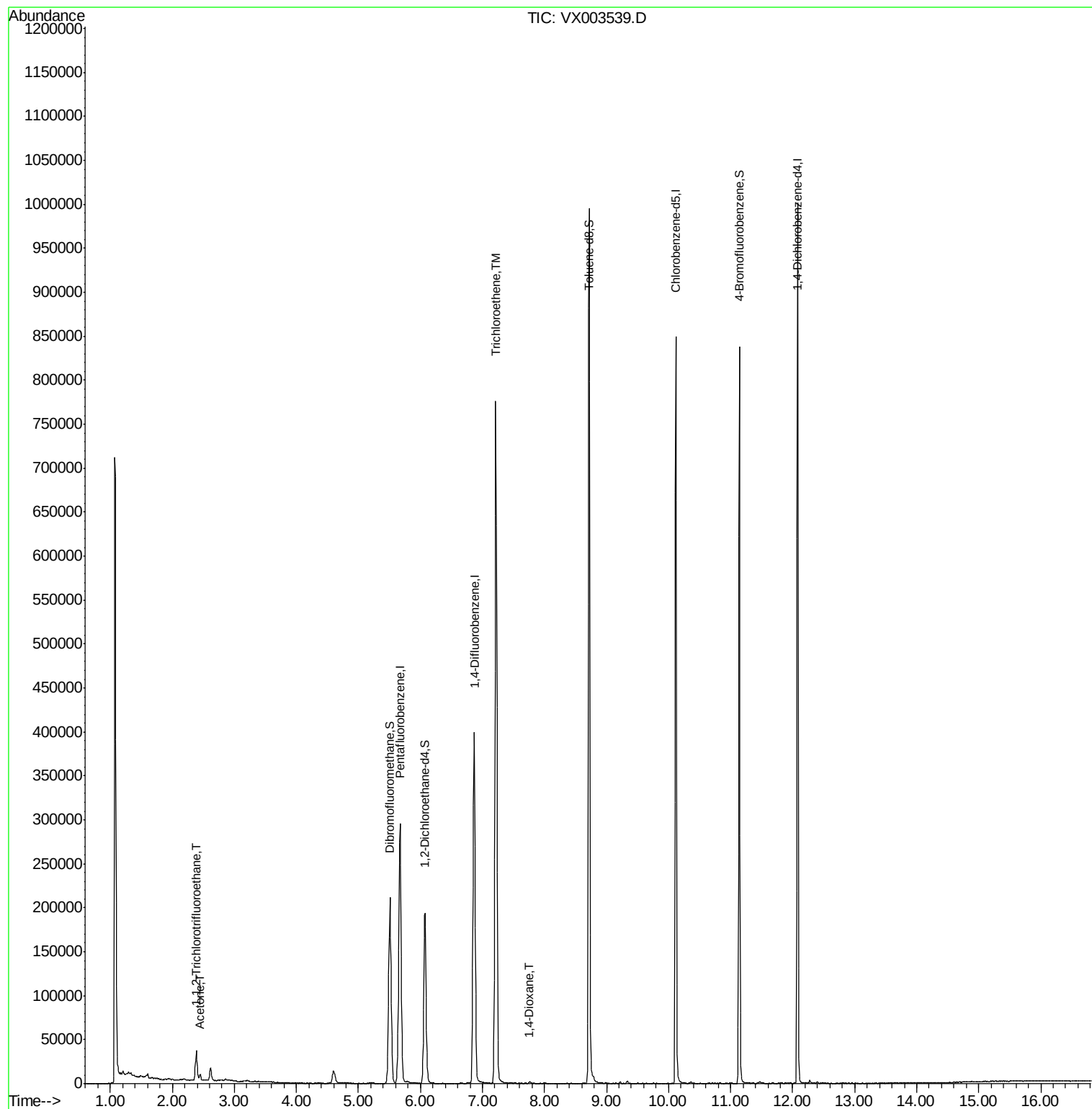
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	297505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	418080	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	400051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220481	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	184886	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
35) Dibromofluoromethane	5.50	113	175176	55.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.02%	
50) Toluene-d8	8.72	98	612818	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.14	95	208177	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	12074	3.659	ug/l	99
16) Acetone	2.45	43	7269	5.465	ug/l #	80
44) Trichloroethene	7.21	130	328563	80.840	ug/l	99
49) 1,4-Dioxane	7.76	88	1343	17.298	ug/l	94

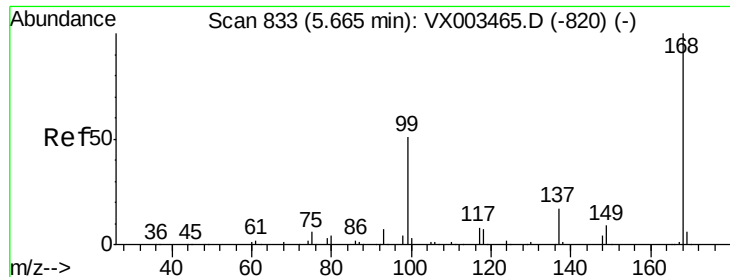
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

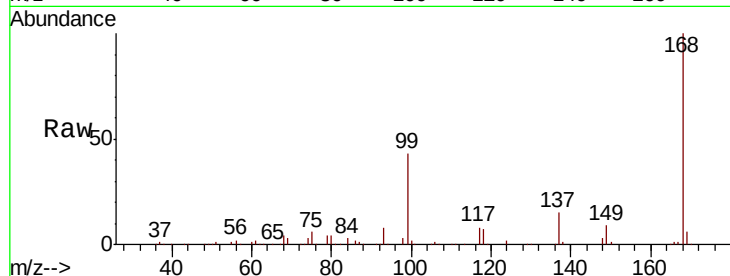
RE105D1-071318

Tgt Ion:168 Resp: 297505

Ion Ratio Lower Upper

168 100

99 43.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

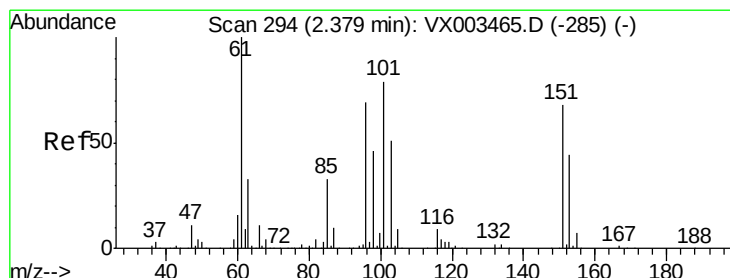
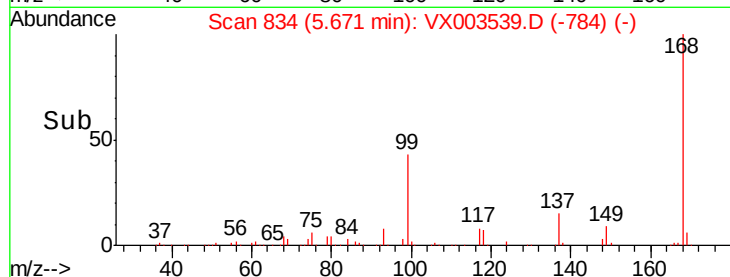
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.659 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003539.D

Acq: 21 Jul 2018 05:21

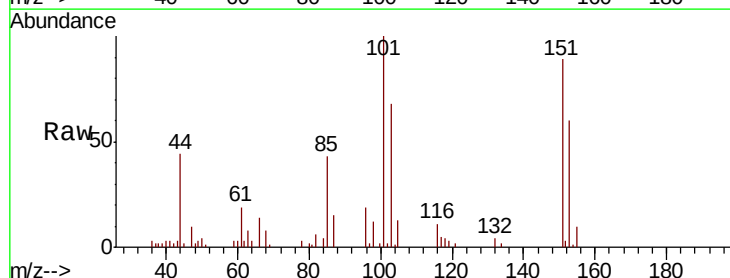
Tgt Ion:101 Resp: 12074

Ion Ratio Lower Upper

101 100

85 43.9 36.0 54.0

151 89.6 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

2.39

8000

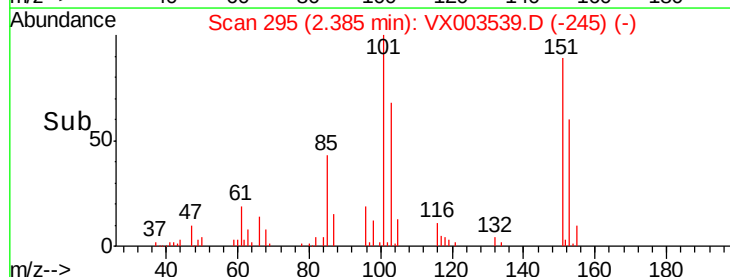
6000

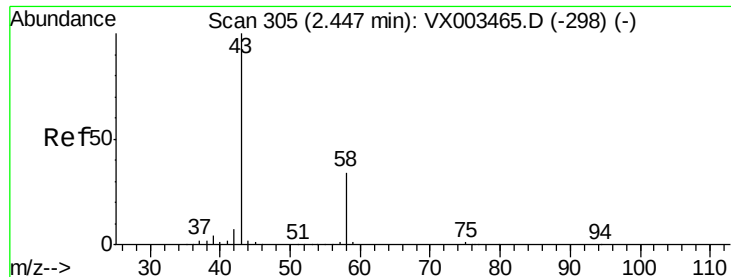
4000

2000

0

Time--> 2.30 2.35 2.40 2.45

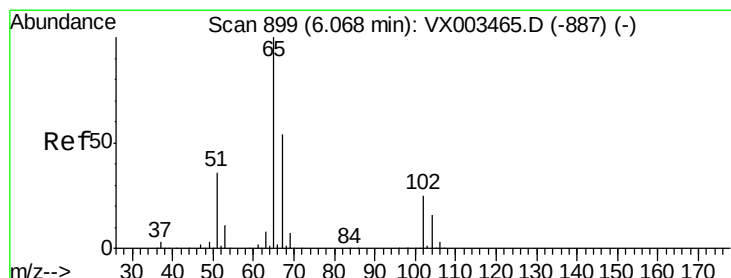
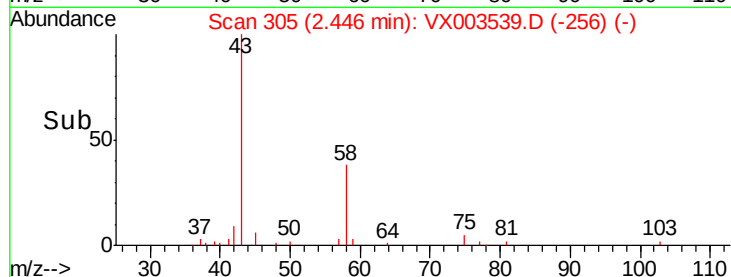
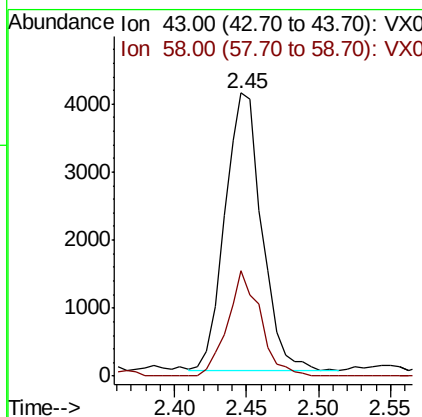
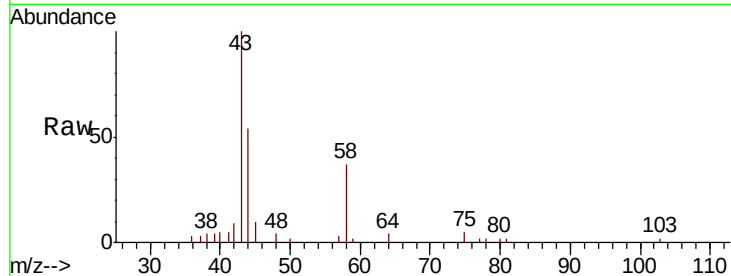




#16
Acetone
Concen: 5.465 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX003539.D
Acq: 21 Jul 2018 05:21

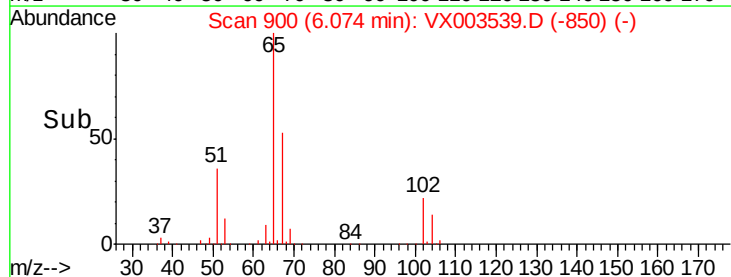
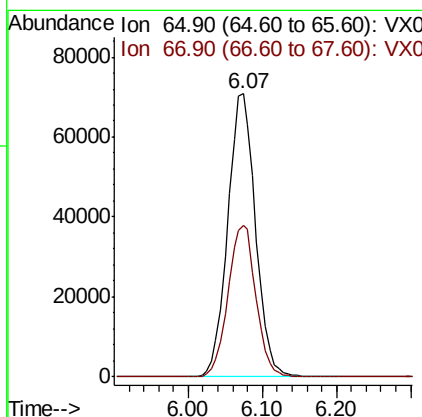
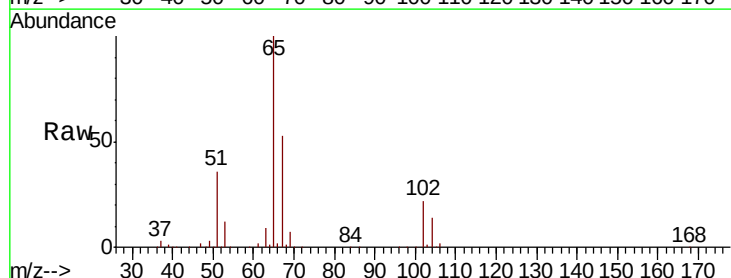
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-071318

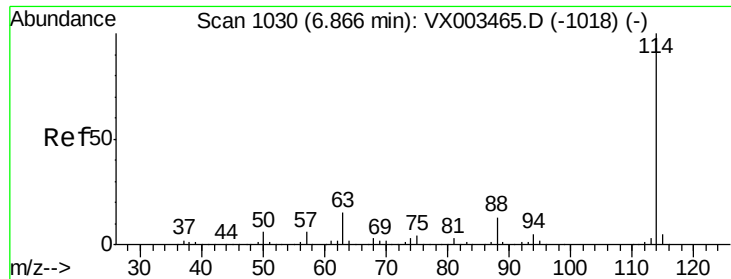
Tgt Ion: 43 Resp: 7269
Ion Ratio Lower Upper
43 100
58 38.0 22.1 33.1#



#33
1,2-Dichloroethane-d4
Concen: 52.500 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003539.D
Acq: 21 Jul 2018 05:21

Tgt Ion: 65 Resp: 184886
Ion Ratio Lower Upper
65 100
67 53.8 0.0 102.6

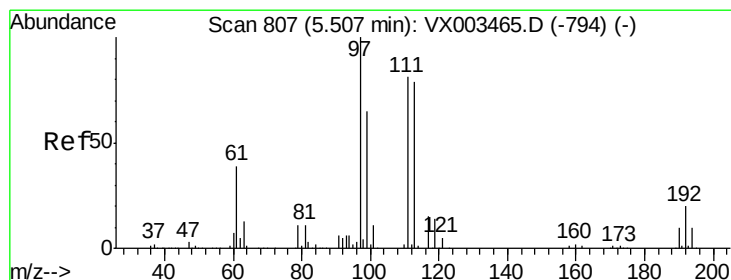
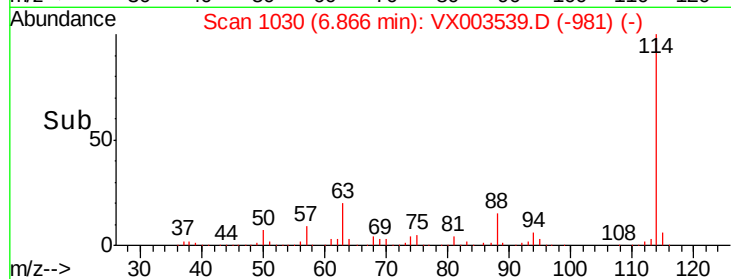
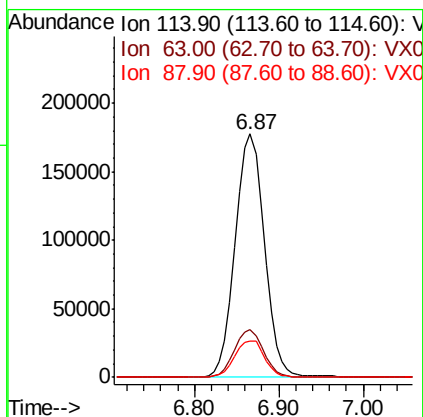
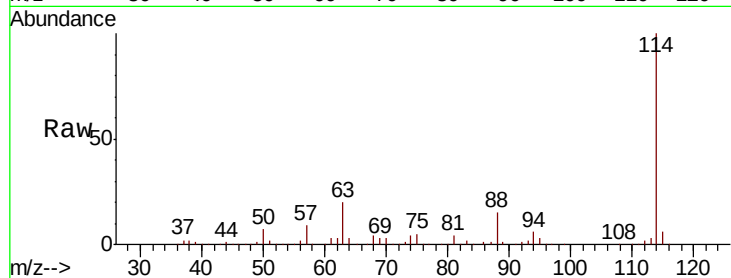




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003539.D
 Acq: 21 Jul 2018 05:21

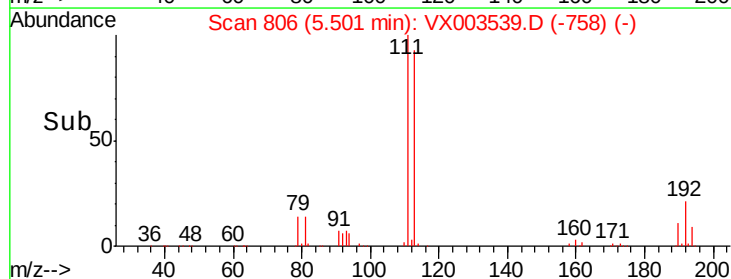
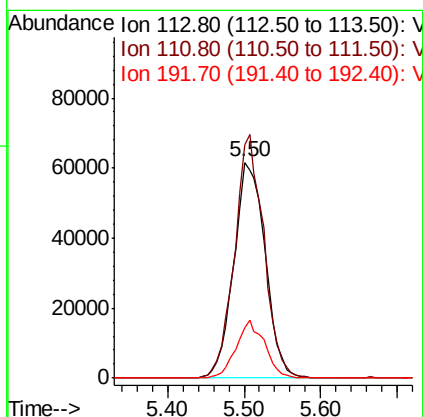
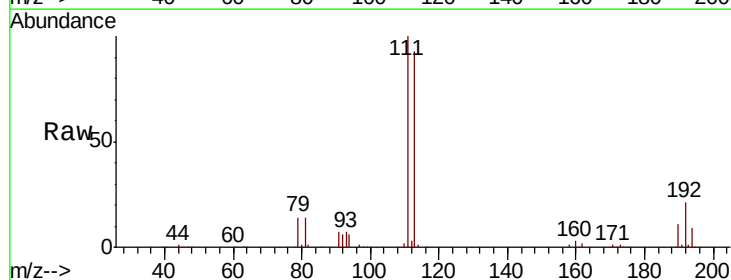
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-071318

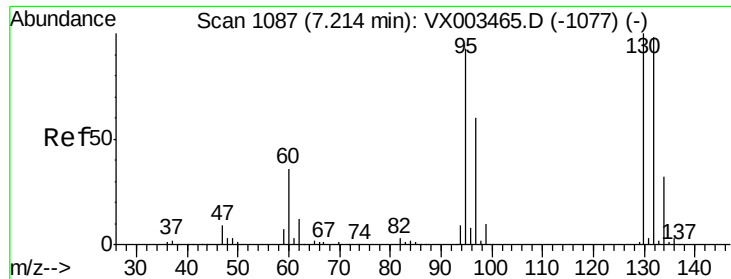
Tgt Ion:114 Resp: 418080
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 15.0 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 55.011 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003539.D
 Acq: 21 Jul 2018 05:21

Tgt Ion:113 Resp: 175176
 Ion Ratio Lower Upper
 113 100
 111 105.3 81.4 122.0
 192 24.5 19.1 28.7





#44

Trichloroethene

Concen: 80.840 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX003539.D

Acq: 21 Jul 2018 05:21

Instrument :

MSVOA_X

ClientSampleId :

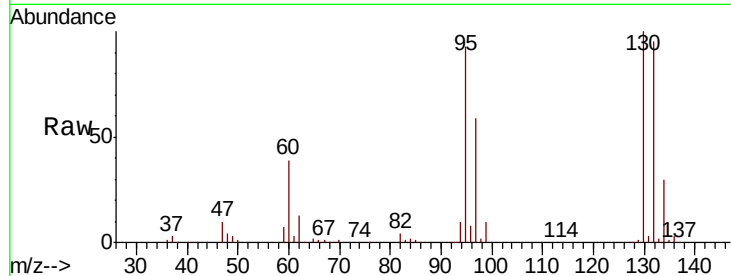
RE105D1-071318

Tgt Ion:130 Resp: 328563

Ion Ratio Lower Upper

130 100

95 93.4 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

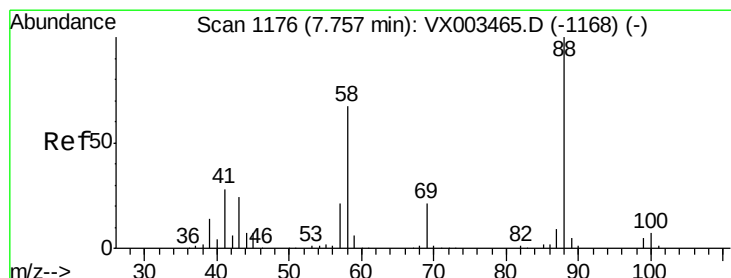
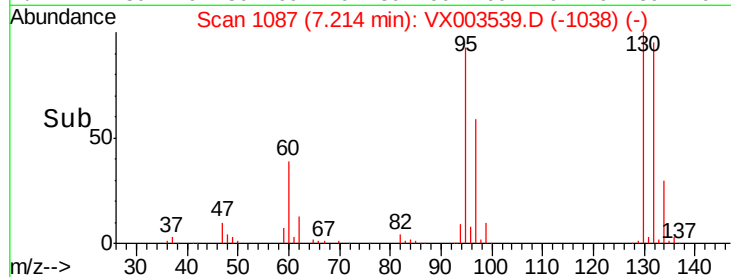
150000

100000

50000

0

Time-->



#49

1,4-Dioxane

Concen: 17.298 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX003539.D

Acq: 21 Jul 2018 05:21

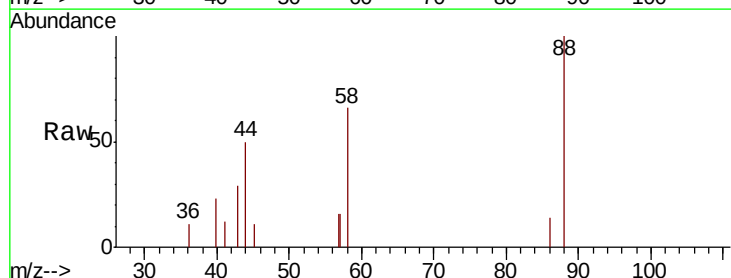
Tgt Ion: 88 Resp: 1343

Ion Ratio Lower Upper

88 100

43 44.5 29.8 44.6

58 69.5 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

800

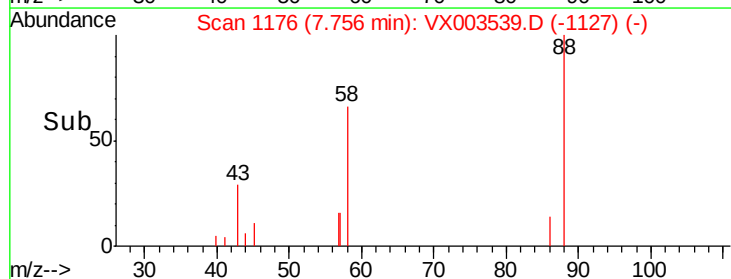
600

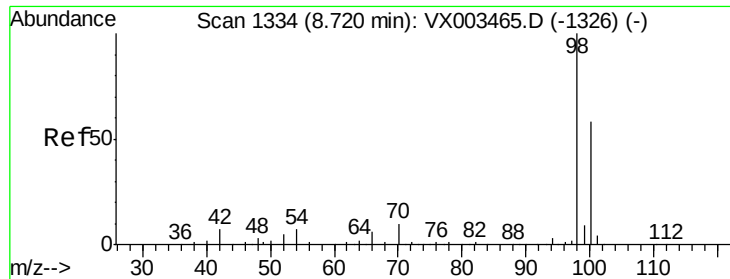
400

200

0

Time-->

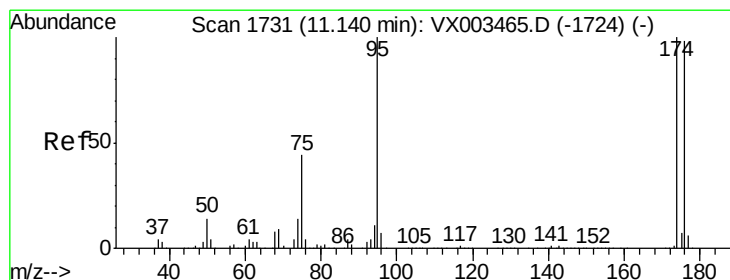
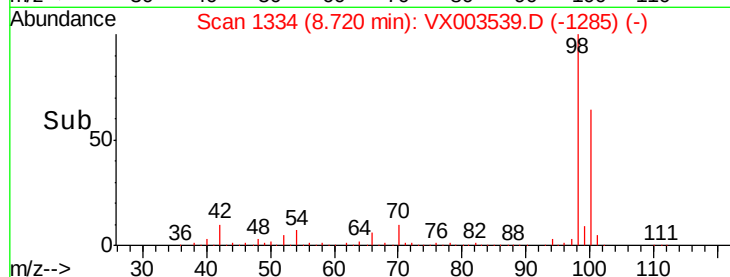
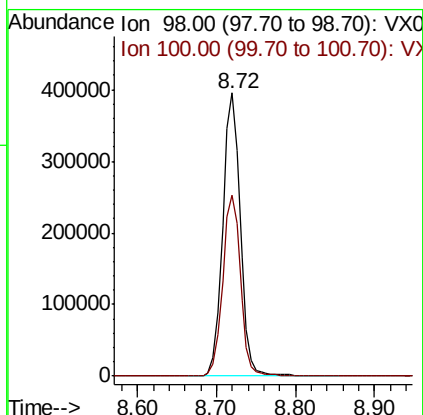
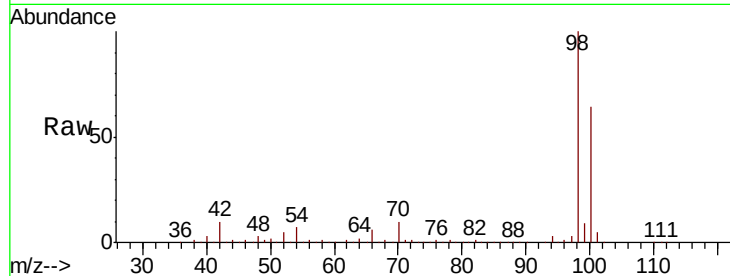




#50
Toluene-d8
Concen: 51.201 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003539.D
Acq: 21 Jul 2018 05:21

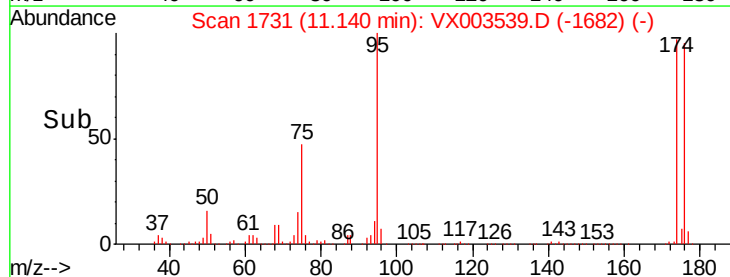
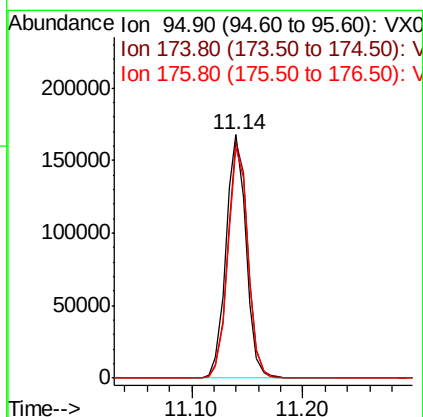
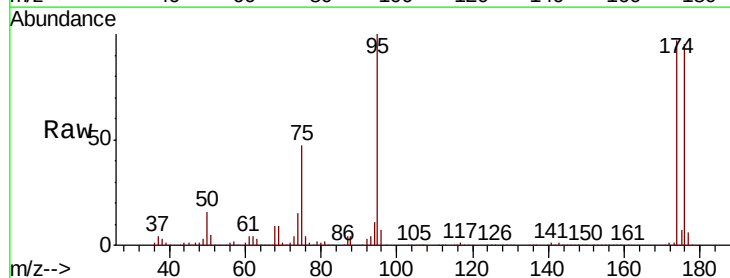
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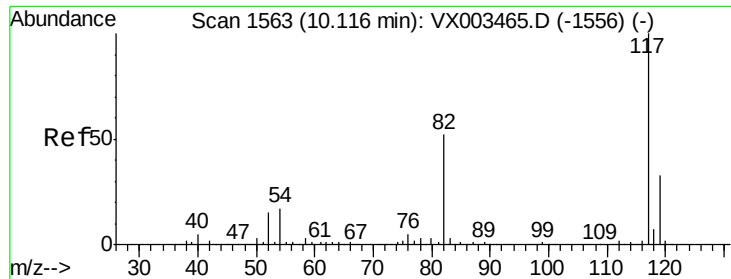
Tgt Ion: 98 Resp: 612818
Ion Ratio Lower Upper
98 100
100 64.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.660 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003539.D
Acq: 21 Jul 2018 05:21

Tgt Ion: 95 Resp: 208177
Ion Ratio Lower Upper
95 100
174 98.1 0.0 187.4
176 94.8 0.0 181.0

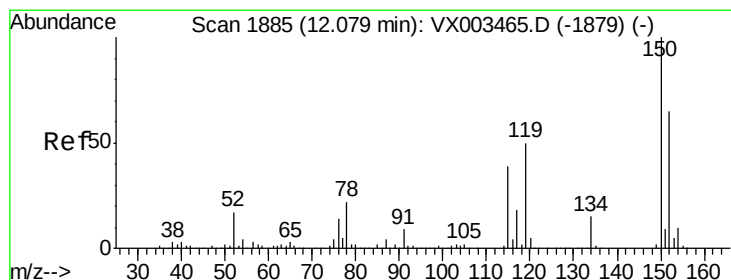
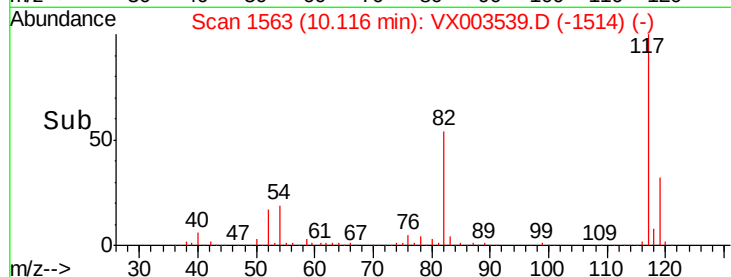
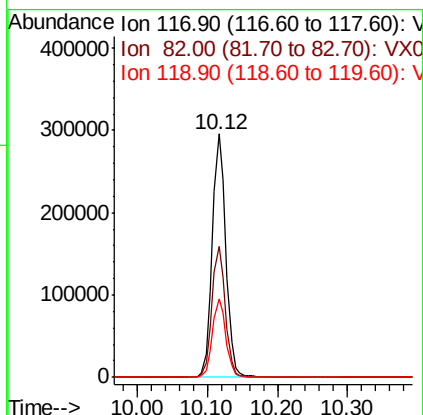
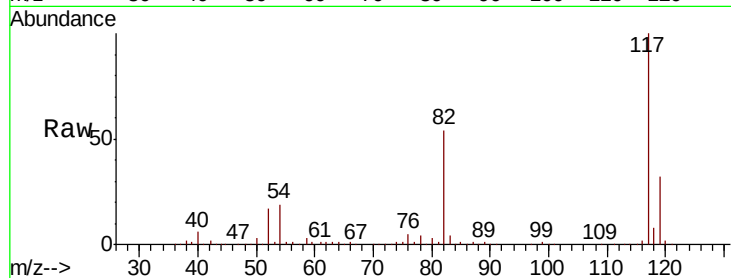




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003539.D
Acq: 21 Jul 2018 05:21

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-071318

Tgt Ion:117 Resp: 400051
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 32.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003539.D
Acq: 21 Jul 2018 05:21

Tgt Ion:152 Resp: 220481
Ion Ratio Lower Upper
152 100
115 54.7 40.1 120.2
150 156.5 0.0 347.2

