

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072018\
 Data File : VX003537.D
 Acq On : 21 Jul 2018 04:28
 Operator : JC/SP
 Sample : J4014-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-071218

Quant Time: Jul 23 12:09:09 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	301847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	432133	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	403413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227887	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	187081	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
35) Dibromofluoromethane	5.51	113	182683	55.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.00%	
50) Toluene-d8	8.72	98	609984	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.14	95	214904	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

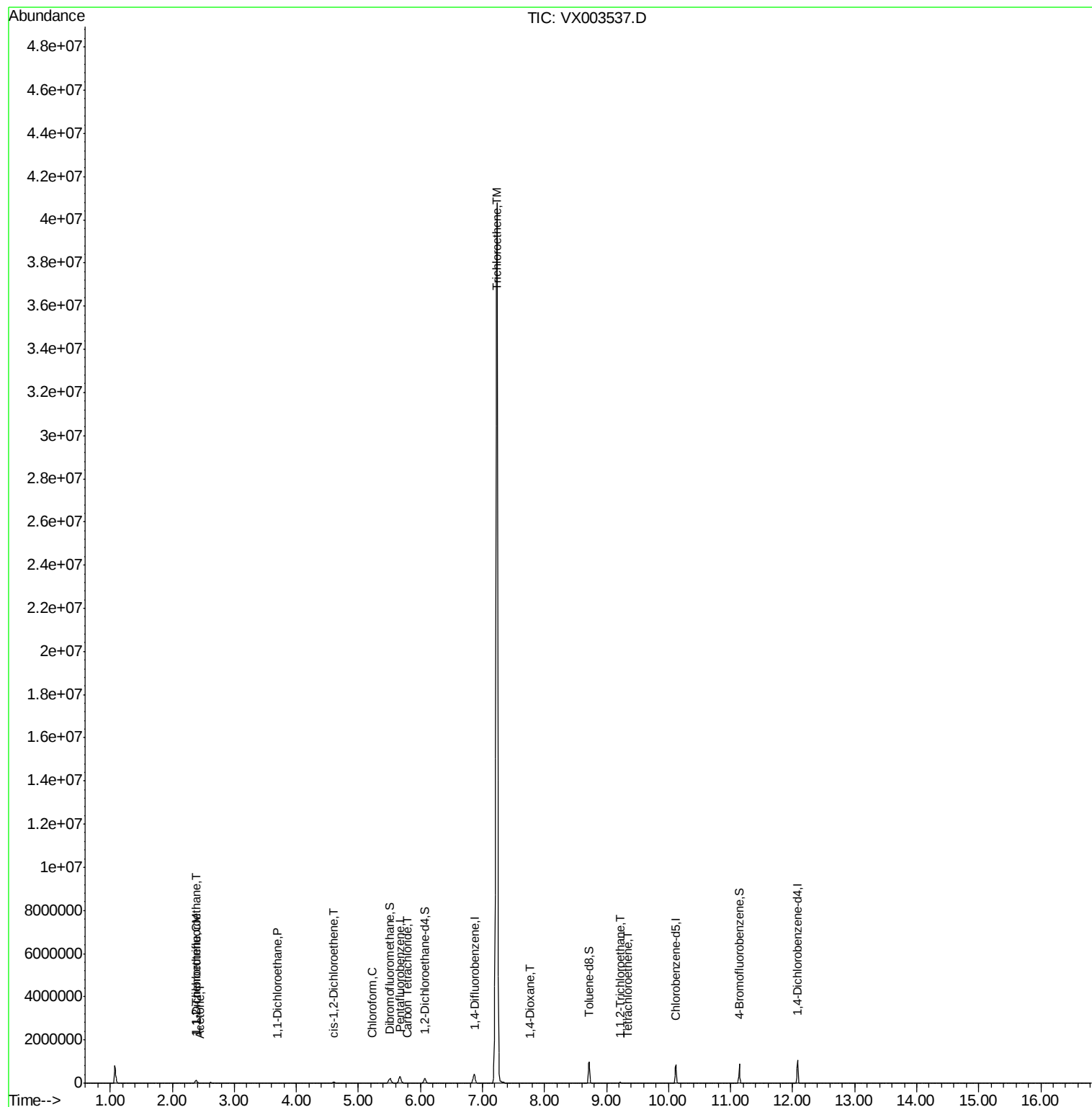
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43308	12.934	ug/l	98
12) 1,1-Dichloroethene	2.38	96	16233	5.265	ug/l #	77
16) Acetone	2.45	43	7909	5.860	ug/l #	86
24) 1,1-Dichloroethane	3.70	63	7251	1.203	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	22273	5.832	ug/l	79
30) Chloroform	5.23	83	16316	2.773	ug/l	98
38) Carbon Tetrachloride	5.79	117	12605	2.754	ug/l	92
44) Trichloroethene	7.23	130	16694452	3973.961	ug/l	95
49) 1,4-Dioxane	7.76	88	1493	18.605	ug/l #	86
55) 1,1,2-Trichloroethane	9.22	97	8729	2.474	ug/l	96
64) Tetrachloroethene	9.34	164	4201	0.855	ug/l	95

(#) = 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

Lab File: VX003537.D

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Instrument :

MSVOA_X

ClientSampleId :

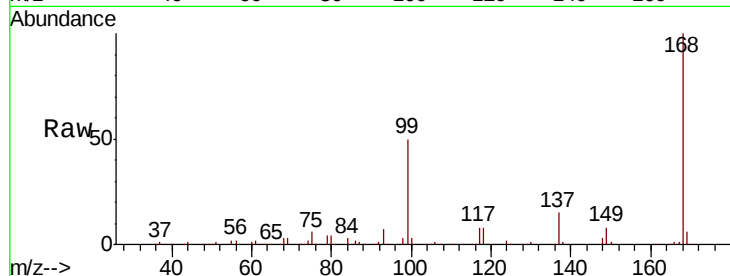
RE122D2-071218

Tgt Ion:168 Resp: 301847

Ion Ratio Lower Upper

168 100

99 50.1 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

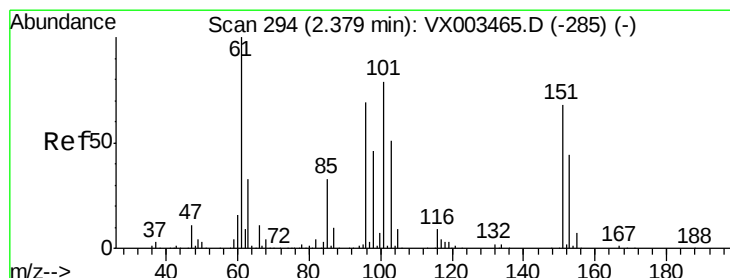
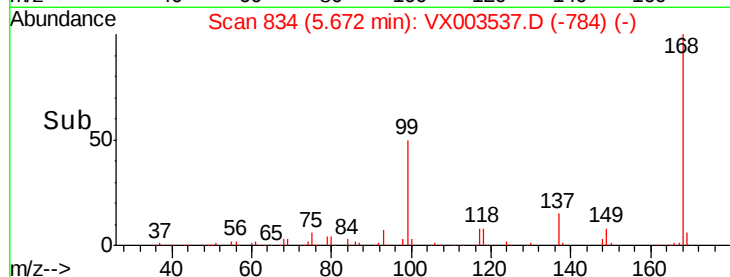
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 12.934 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX003537.D

Acq: 21 Jul 2018 04:28

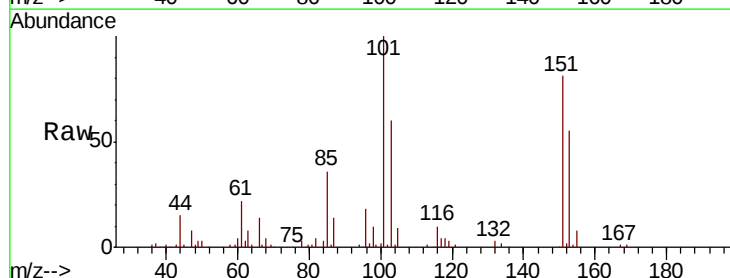
Tgt Ion:101 Resp: 43308

Ion Ratio Lower Upper

101 100

85 41.8 36.0 54.0

151 88.2 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

30000

25000

20000

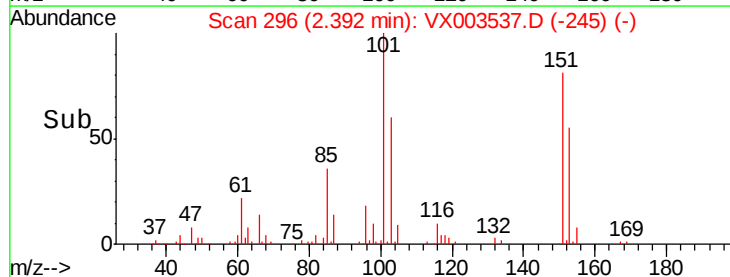
15000

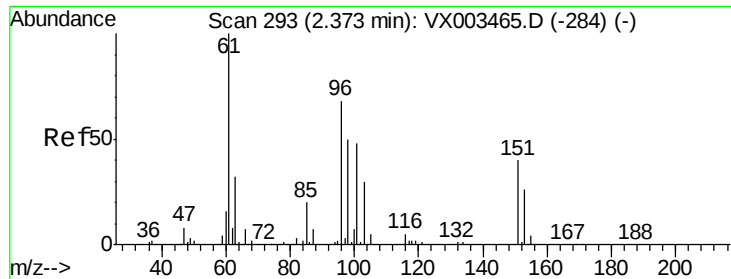
10000

5000

0

Time--> 2.30 2.35 2.40 2.45 2.50

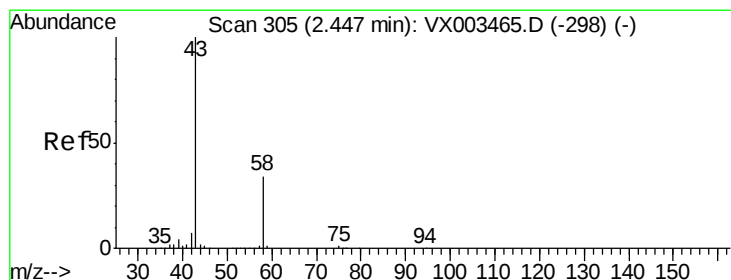
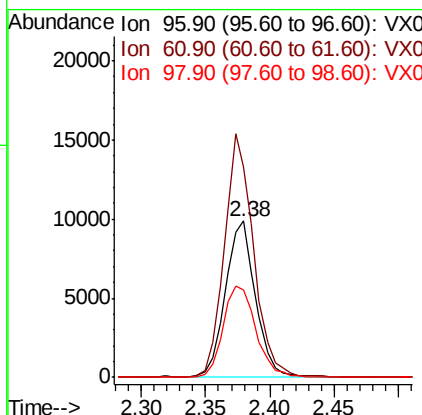
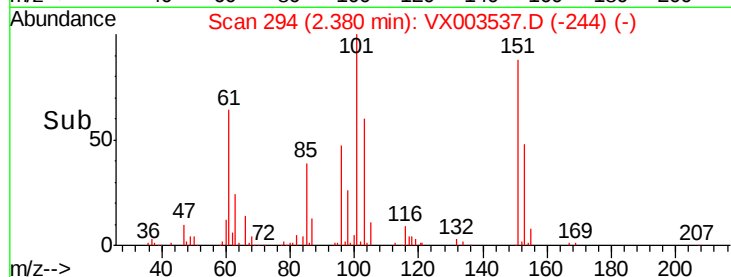
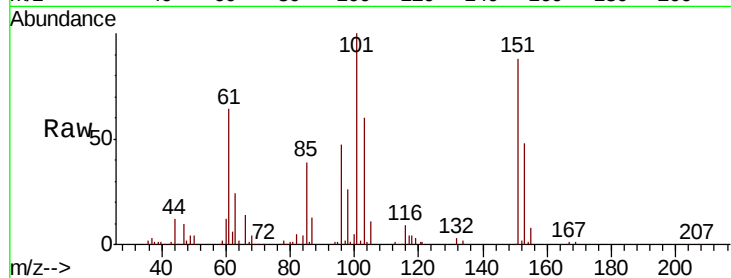




#12
 1,1-Dichloroethene
 Concen: 5.265 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX003537.D
 Acq: 21 Jul 2018 04:28

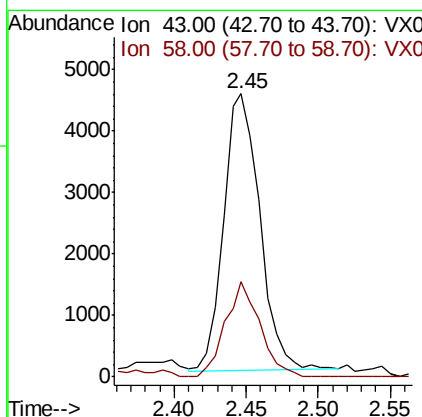
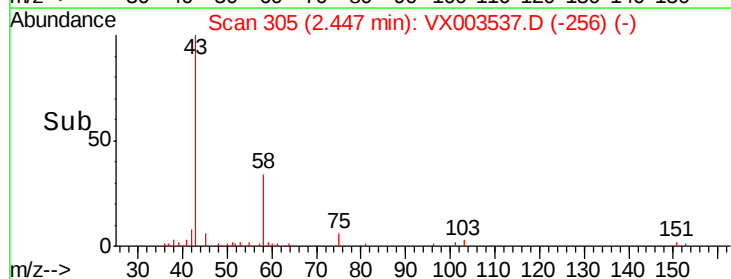
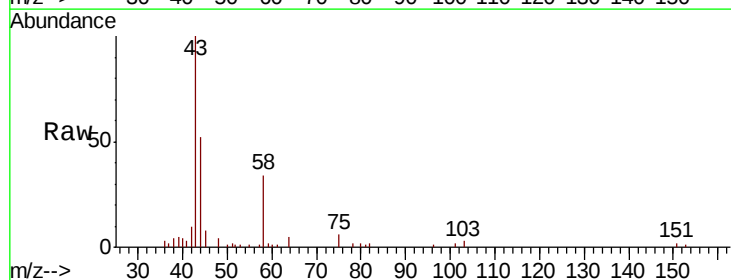
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-071218

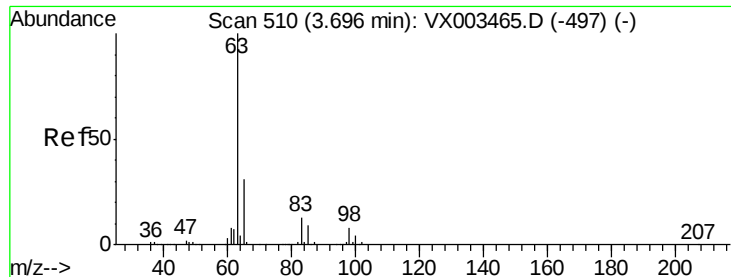
Tgt Ion: 96 Resp: 16233
 Ion Ratio Lower Upper
 96 100
 61 134.5 137.9 206.9#
 98 55.8 51.6 77.4



#16
 Acetone
 Concen: 5.860 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: VX003537.D
 Acq: 21 Jul 2018 04:28

Tgt Ion: 43 Resp: 7909
 Ion Ratio Lower Upper
 43 100
 58 34.7 22.1 33.1#





#24

1,1-Dichloroethane

Concen: 1.203 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003537.D

Acq: 21 Jul 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-071218

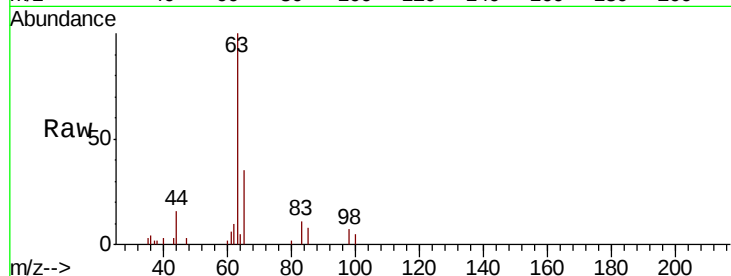
Tgt Ion: 63 Resp: 7251

Ion Ratio Lower Upper

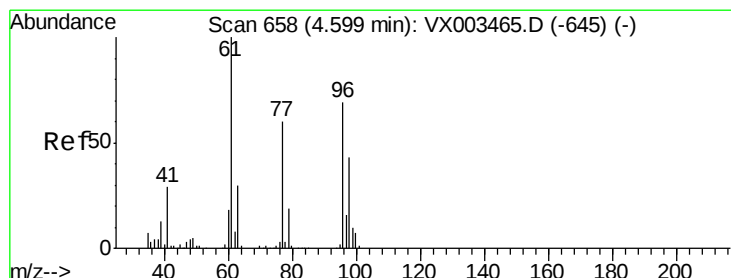
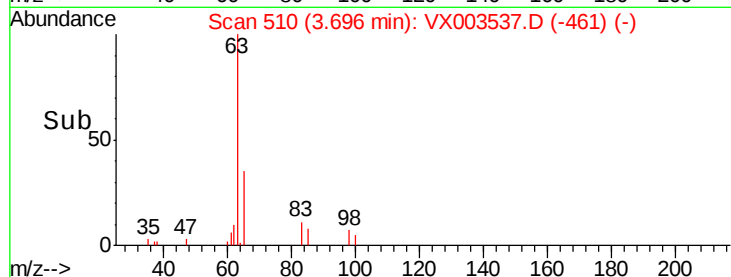
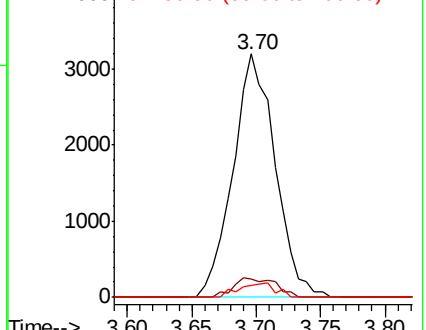
63 100

98 7.4 3.4 10.2

100 4.9 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 5.832 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003537.D

Acq: 21 Jul 2018 04:28

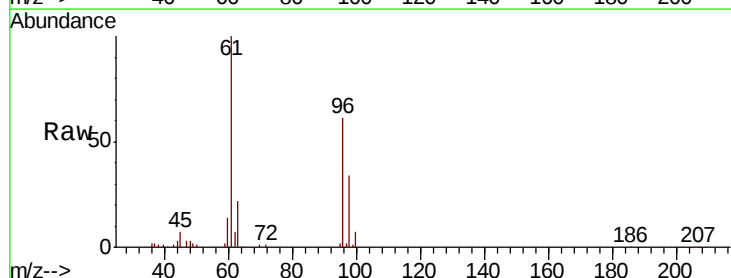
Tgt Ion: 96 Resp: 22273

Ion Ratio Lower Upper

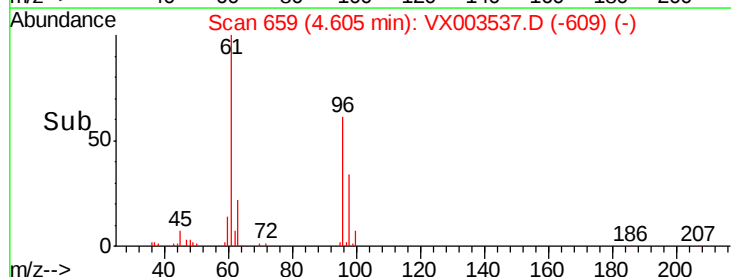
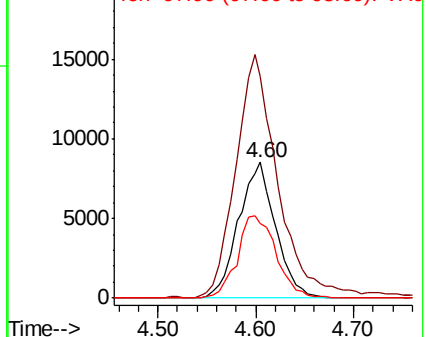
96 100

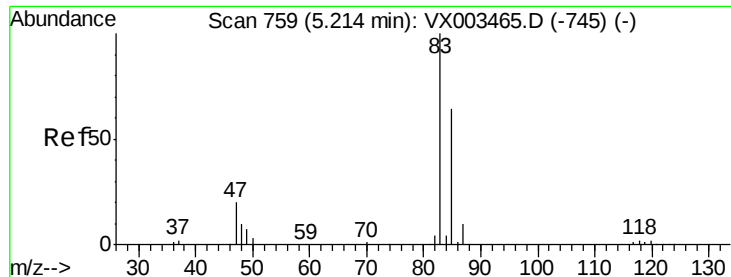
61 204.3 0.0 330.2

98 63.6 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

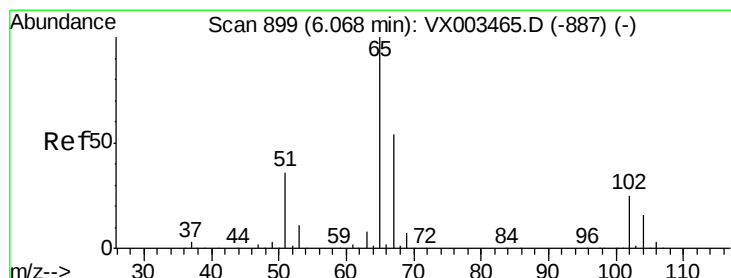
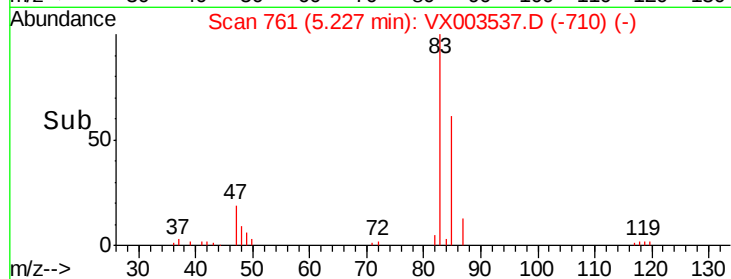
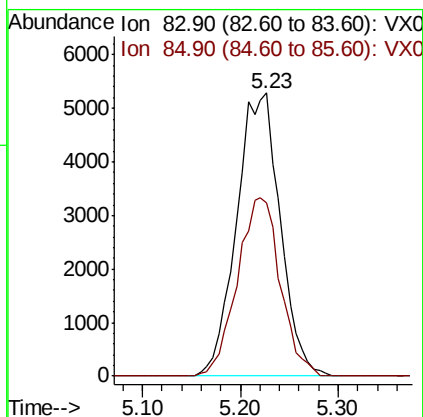
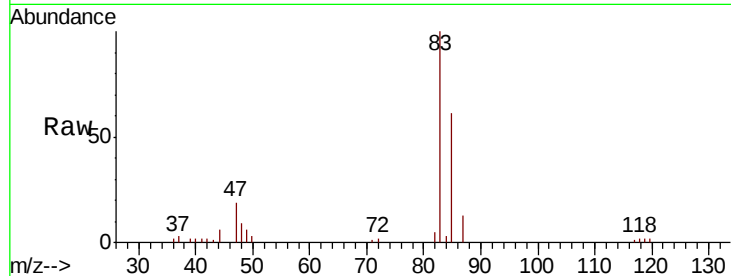




#30
Chloroform
Concen: 2.773 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

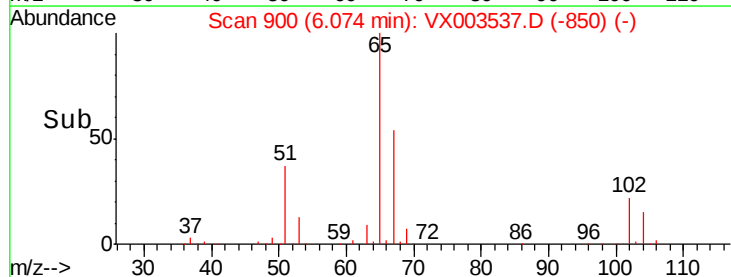
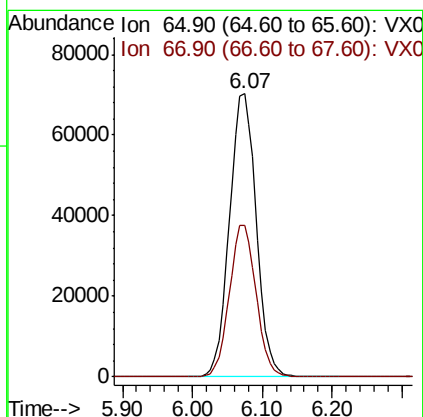
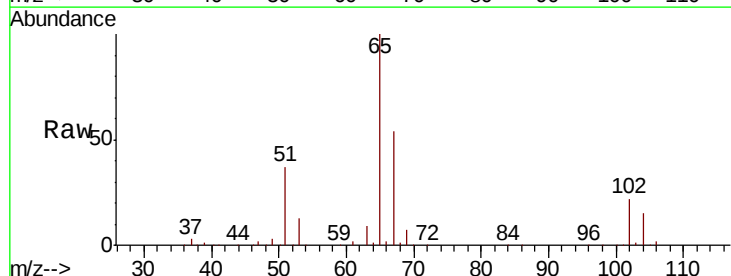
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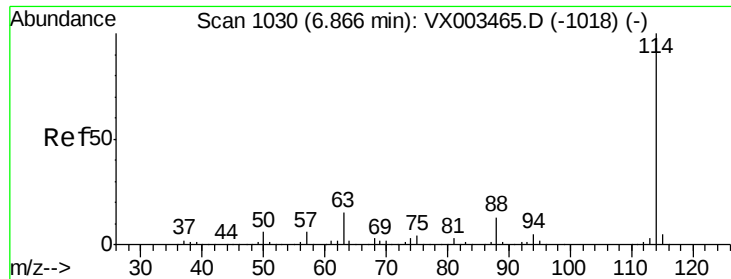
Tgt Ion: 83 Resp: 16316
Ion Ratio Lower Upper
83 100
85 61.1 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 52.359 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

Tgt Ion: 65 Resp: 187081
Ion Ratio Lower Upper
65 100
67 53.3 0.0 102.6

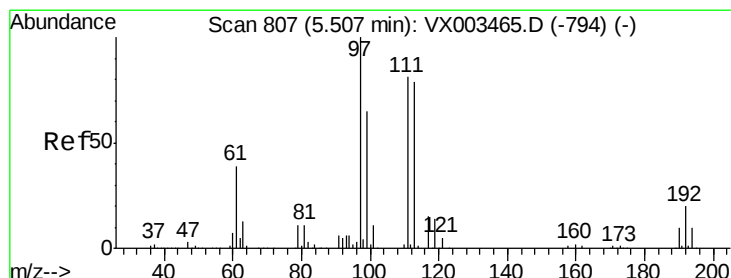
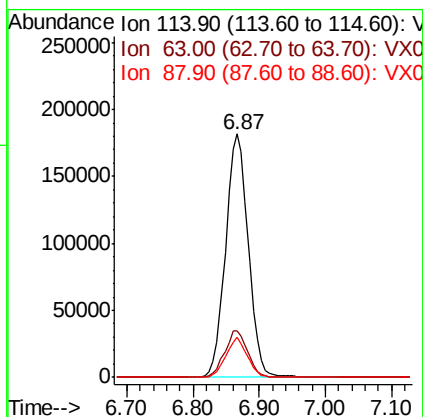
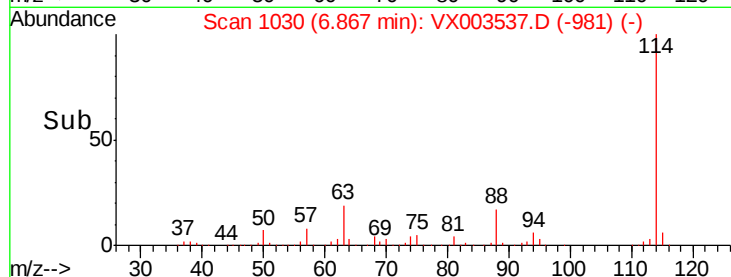
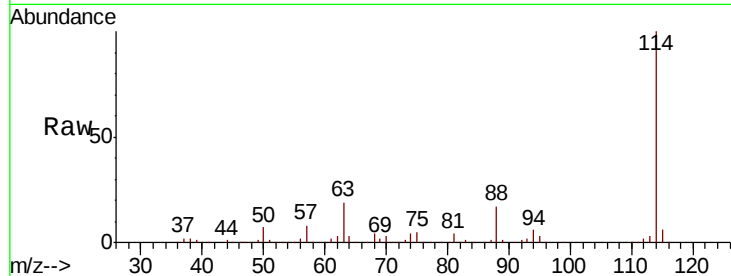




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003537.D
 Acq: 21 Jul 2018 04:28

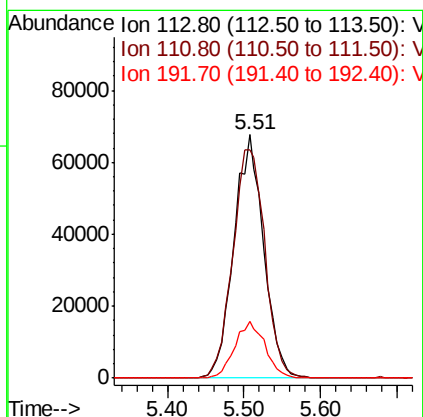
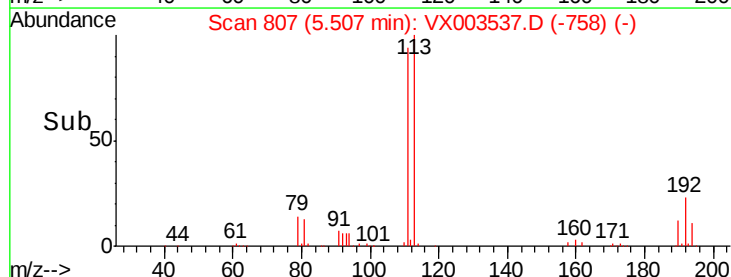
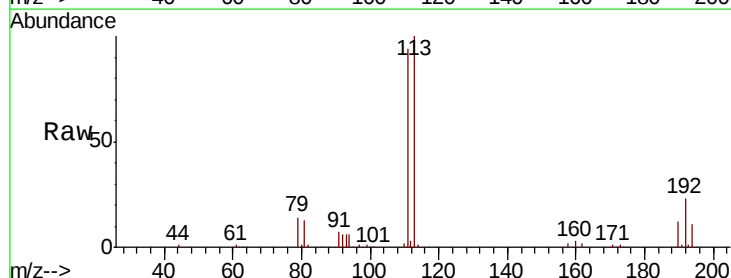
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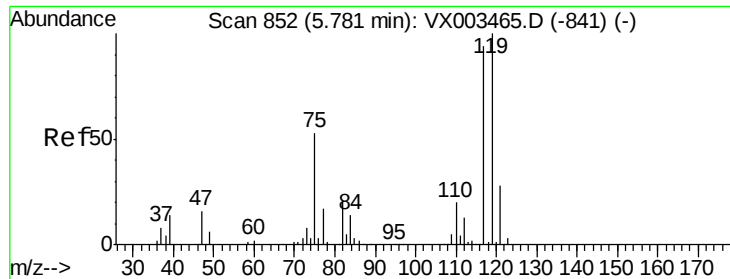
Tgt Ion:114 Resp: 432133
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.4
 88 16.5 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 55.503 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003537.D
 Acq: 21 Jul 2018 04:28

Tgt Ion:113 Resp: 182683
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.4 122.0
 192 23.7 19.1 28.7

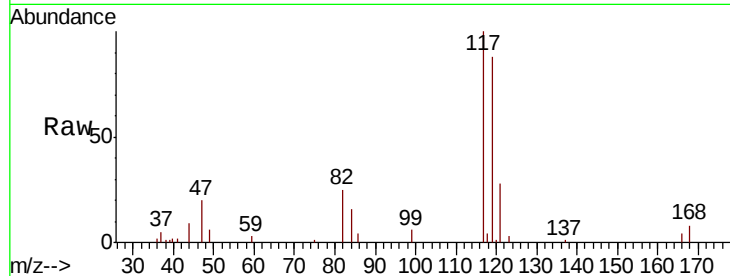




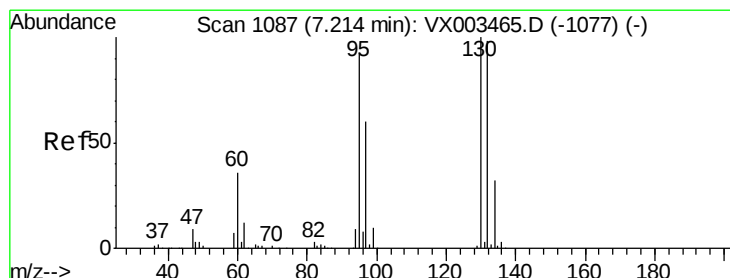
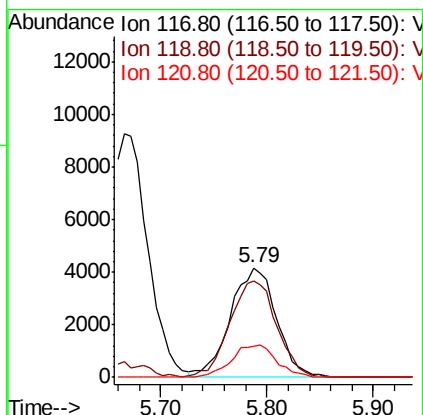
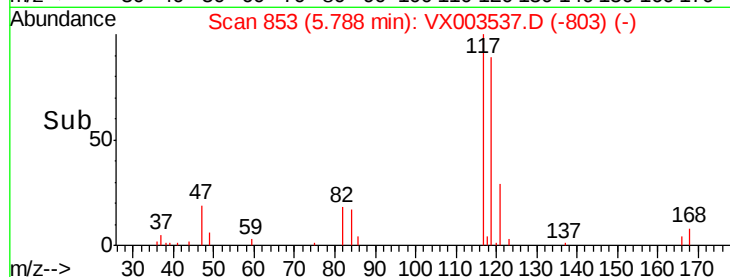
#38
Carbon Tetrachloride
Concen: 2.754 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-071218

Tgt Ion:117 Resp: 12605
Ion Ratio Lower Upper
117 100
119 87.9 77.4 116.0
121 28.5 24.4 36.6

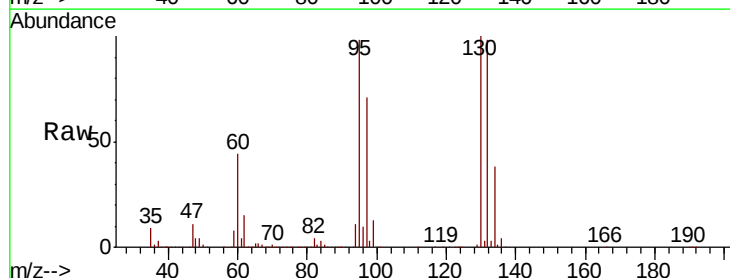


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

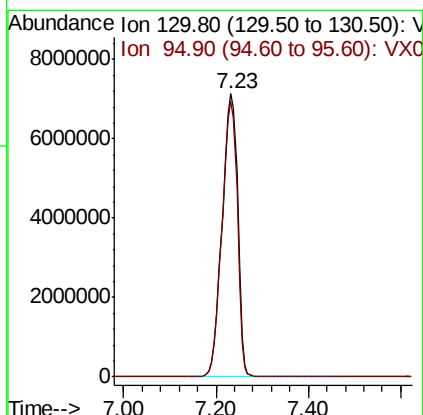
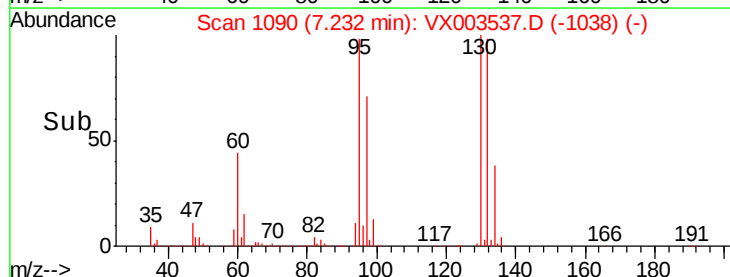


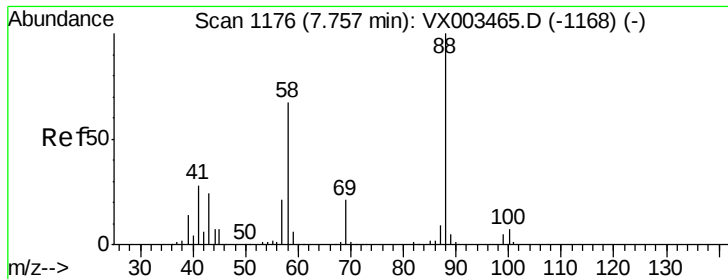
#44
Trichloroethene
Concen: 3973.961 ug/l
RT: 7.23 min Scan# 1090
Delta R.T. 0.02 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

Tgt Ion:130 Resp:16694452
Ion Ratio Lower Upper
130 100
95 97.6 0.0 185.4



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

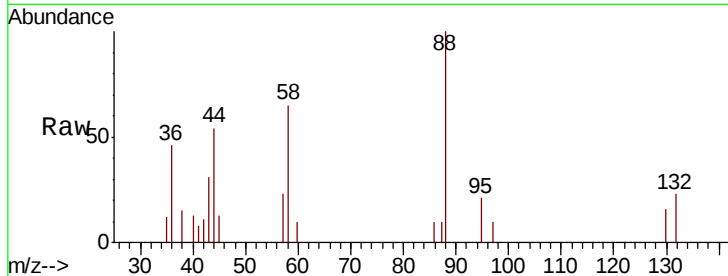




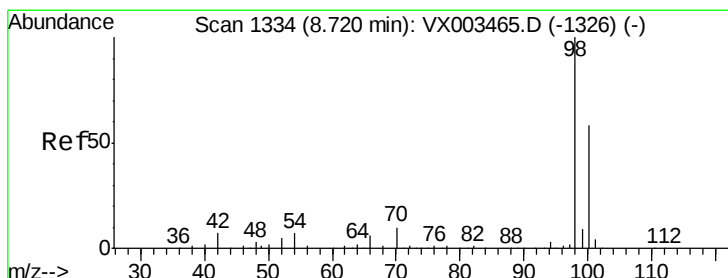
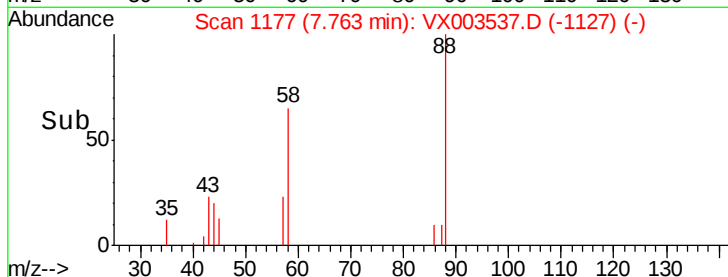
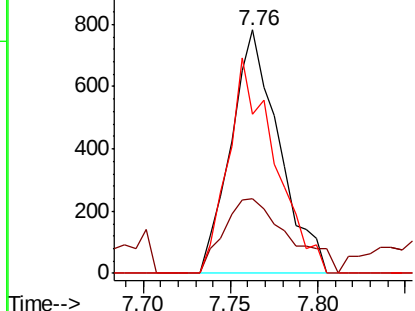
#49
1,4-Dioxane
Concen: 18.605 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

Instrument :
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ClientSampleId :
RE122D2-071218

Tgt Ion: 88 Resp: 1493
Ion Ratio Lower Upper
88 100
43 41.6 29.8 44.6
58 86.2 57.1 85.7#

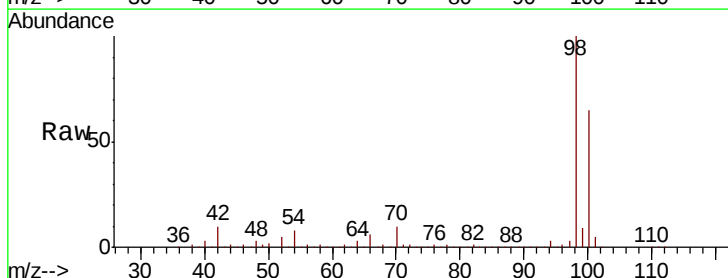


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

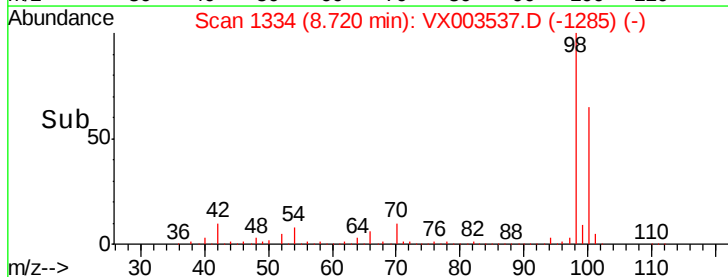
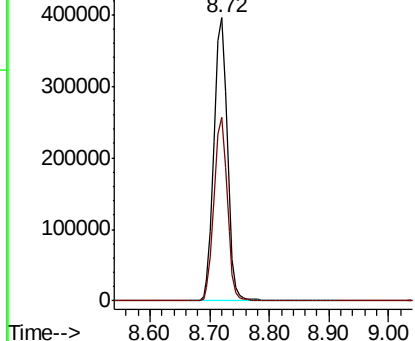


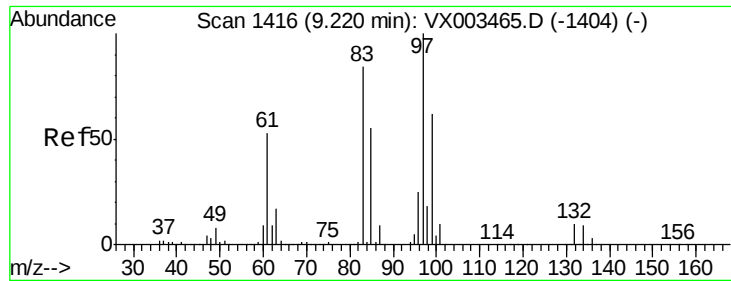
#50
Toluene-d8
Concen: 49.306 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

Tgt Ion: 98 Resp: 609984
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



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

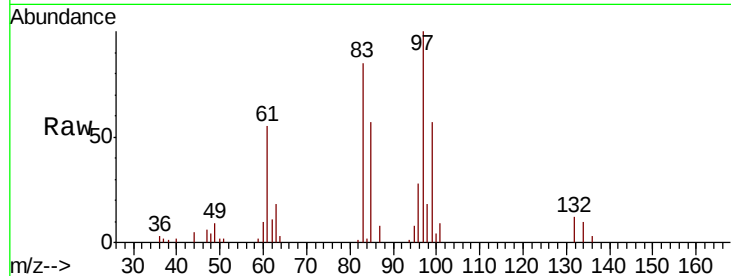




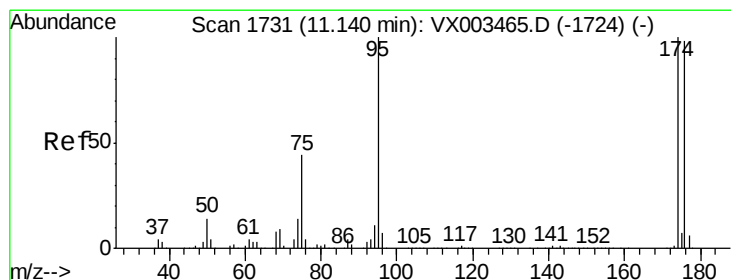
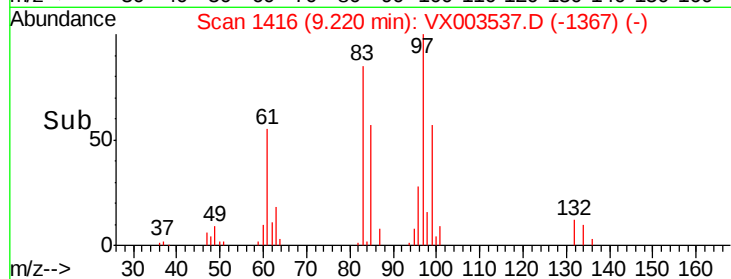
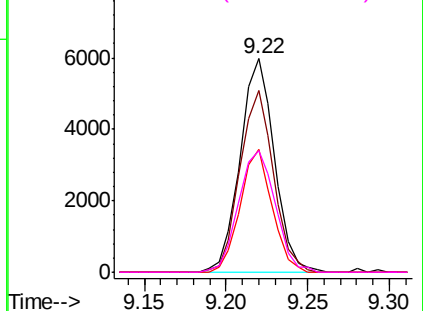
#55
 1,1,2-Trichloroethane
 Concen: 2.474 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003537.D
 Acq: 21 Jul 2018 04:28

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-071218

Tgt Ion: 97 Resp: 8729
 Ion Ratio Lower Upper
 97 100
 83 85.0 70.2 105.2
 85 57.3 44.9 67.3
 99 57.0 49.8 74.8

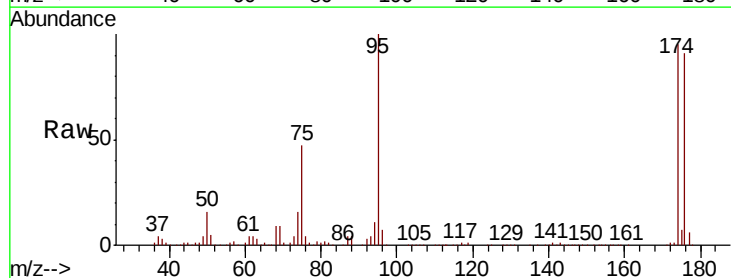


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

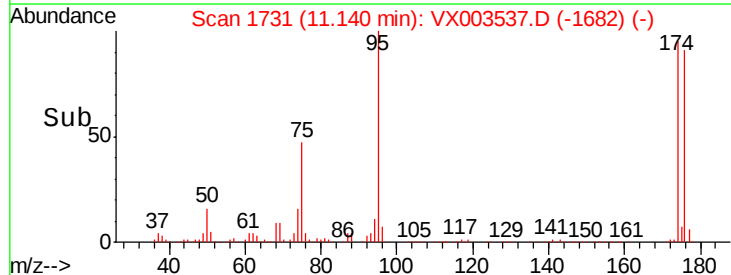
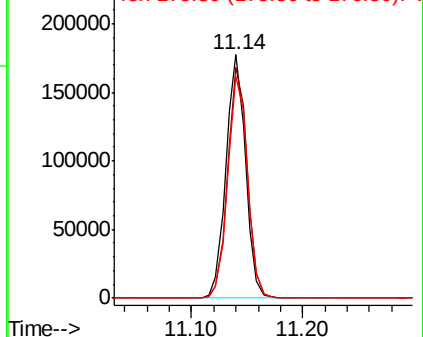


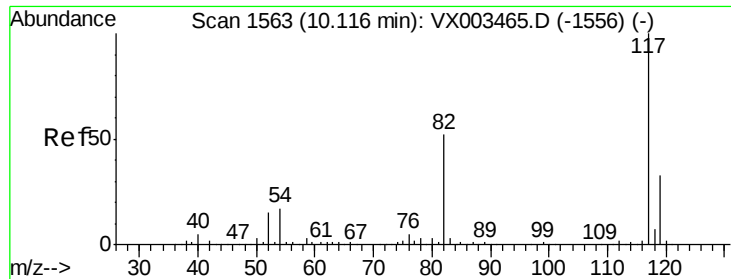
#62
 4-Bromofluorobenzene
 Concen: 47.600 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003537.D
 Acq: 21 Jul 2018 04:28

Tgt Ion: 95 Resp: 214904
 Ion Ratio Lower Upper
 95 100
 174 96.2 0.0 187.4
 176 92.2 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

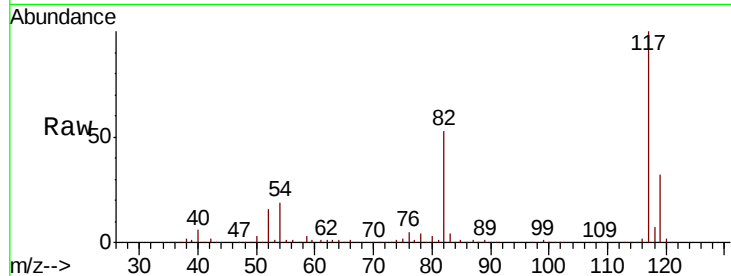




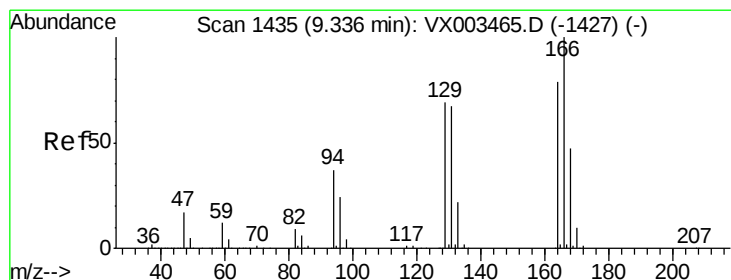
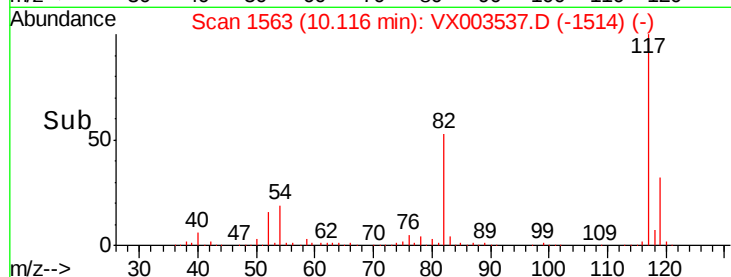
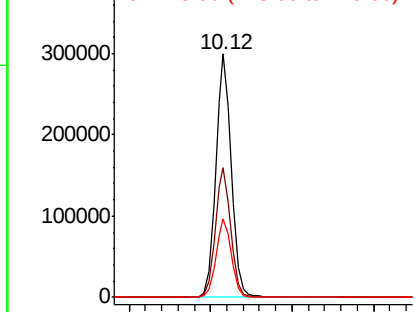
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-071218

Tgt Ion:117 Resp: 403413
Ion Ratio Lower Upper
117 100
82 53.2 45.0 67.4
119 32.0 25.8 38.6

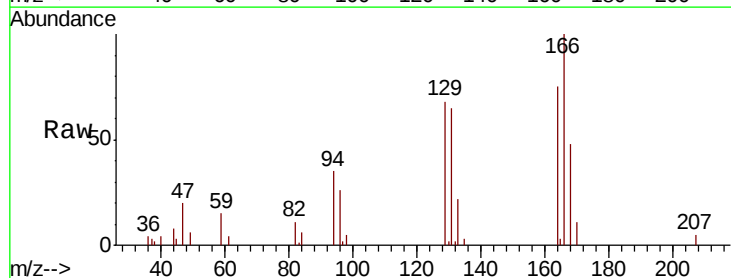


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

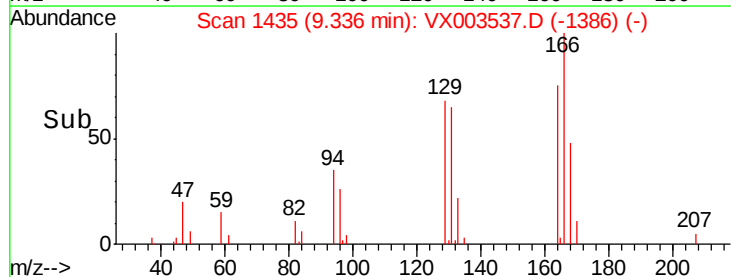
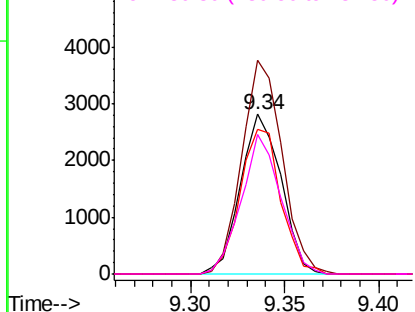


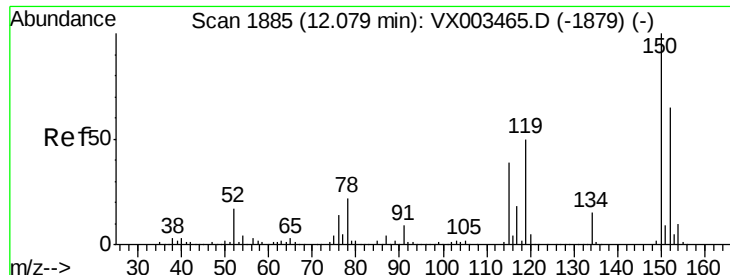
#64
Tetrachloroethene
Concen: 0.855 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003537.D
Acq: 21 Jul 2018 04:28

Tgt Ion:164 Resp: 4201
Ion Ratio Lower Upper
164 100
166 133.9 102.9 154.3
129 90.7 68.6 102.8
131 87.2 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: VX003537.D

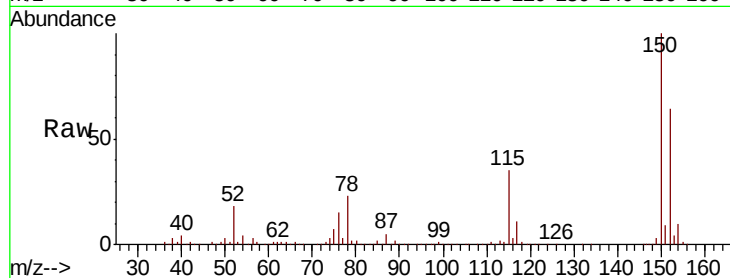
Acq: 21 Jul 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-071218



Tgt Ion:152 Resp: 227887

Ion Ratio Lower Upper

152 100

115 54.1 40.1 120.2

150 155.8 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

