

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005173.D
 Acq On : 09 Oct 2018 21:37
 Operator : JC/MD
 Sample : J5284-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-103D1-20181003

Quant Time: Oct 10 13:58:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

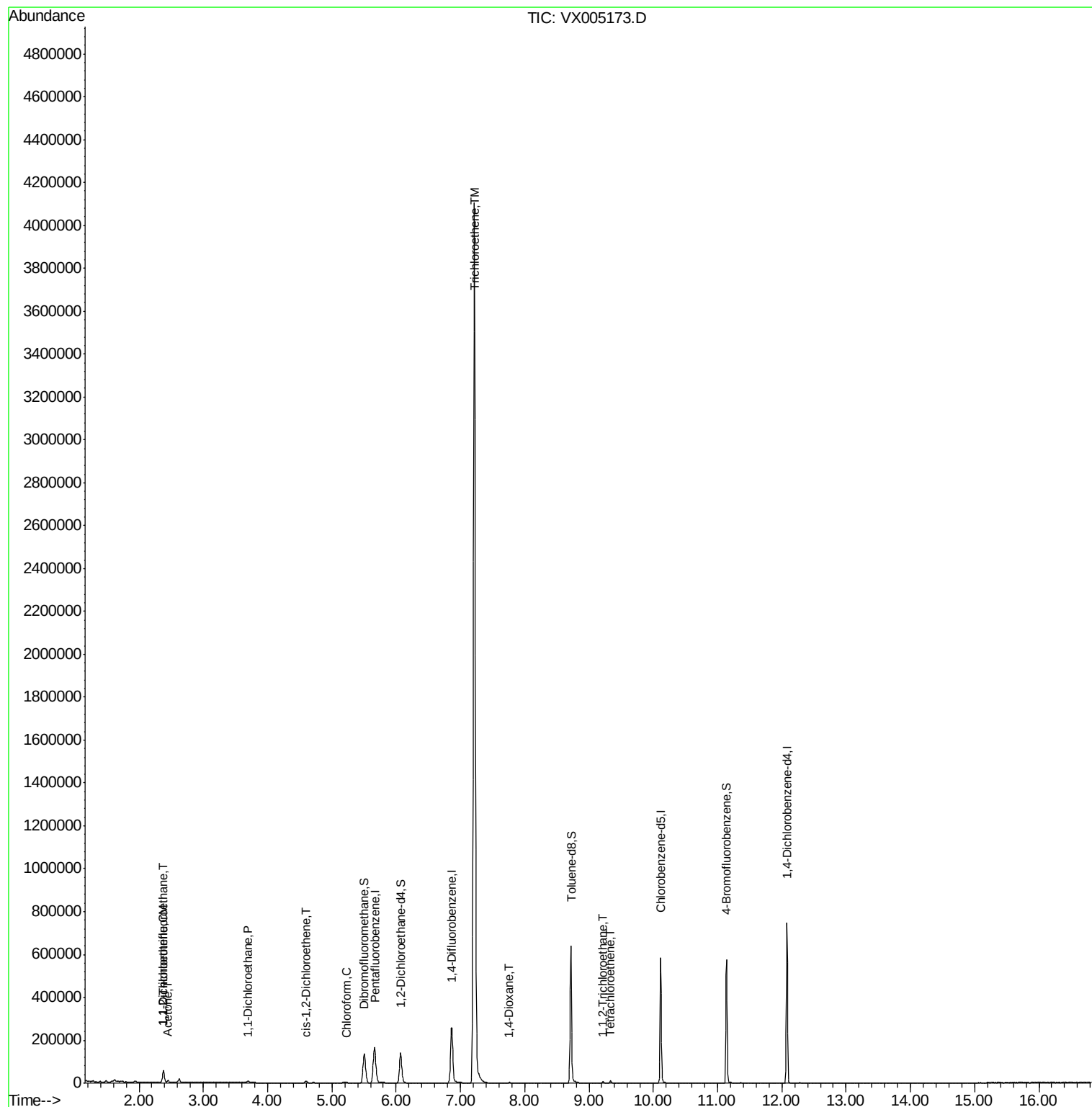
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	174146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	274968	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	274001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	135730	54.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.12%	
35) Dibromofluoromethane	5.50	113	114564	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
50) Toluene-d8	8.72	98	403543	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
62) 4-Bromofluorobenzene	11.14	95	143791	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.39	101	12303	6.457	ug/l	98
12) 1,1-Dichloroethene	2.37	96	9030	4.786	ug/l	86
16) Acetone	2.45	43	5471	3.767	ug/l	98
24) 1,1-Dichloroethane	3.70	63	5206	1.259	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	4647	2.014	ug/l	95
30) Chloroform	5.21	83	3689	0.944	ug/l	94
44) Trichloroethene	7.21	130	1651058	674.721	ug/l	96
49) 1,4-Dioxane	7.76	88	1943	28.286	ug/l #	87
55) 1,1,2-Trichloroethane	9.22	97	2172	0.907	ug/l	93
64) Tetrachloroethene	9.34	164	2388	0.886	ug/l	90

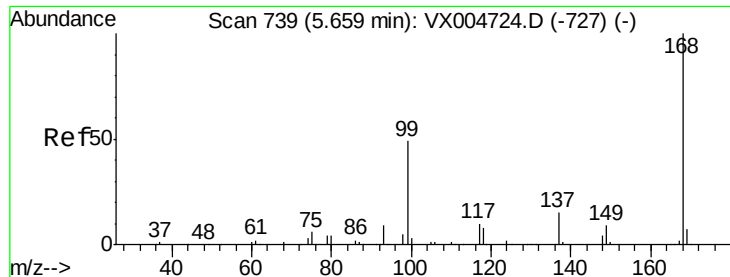
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005173.D

Acq: 09 Oct 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

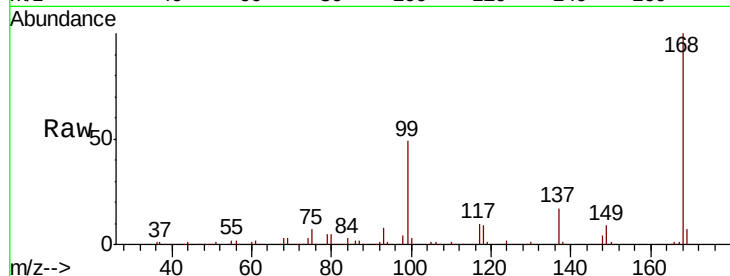
RE-103D1-20181003

Tot Ion:168 Resp: 174146

Ion Ratio Lower Upper

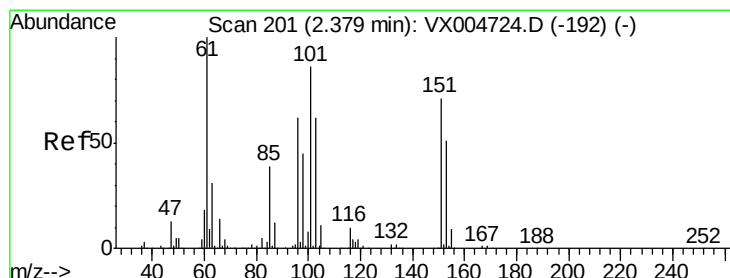
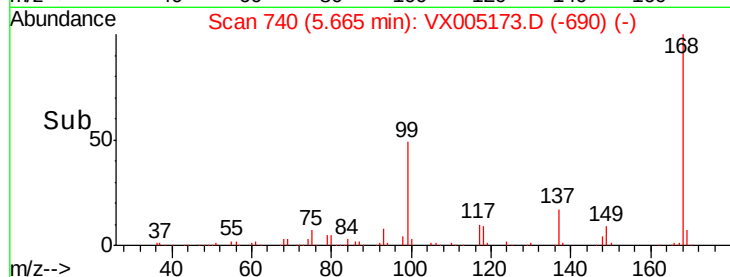
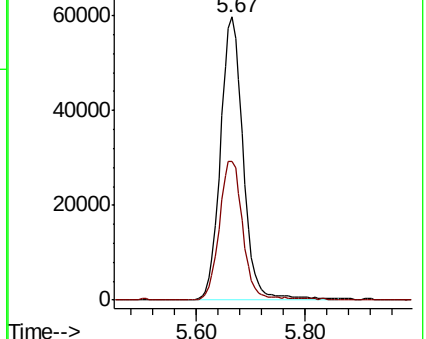
168 100

99 49.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.457 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005173.D

Acq: 09 Oct 2018 21:37

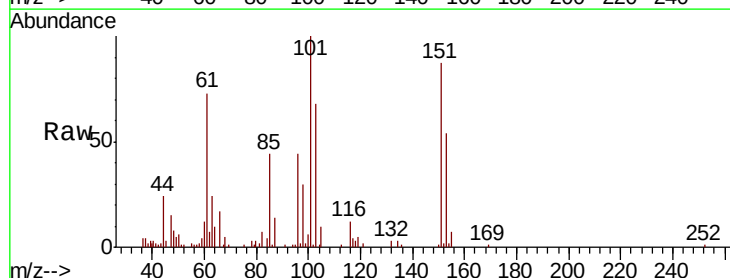
Tgt Ion:101 Resp: 12303

Ion Ratio Lower Upper

101 100

85 46.4 35.9 53.9

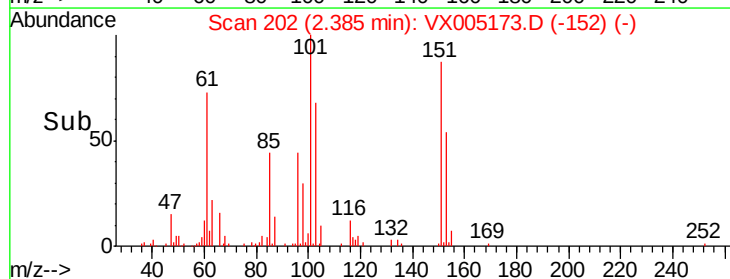
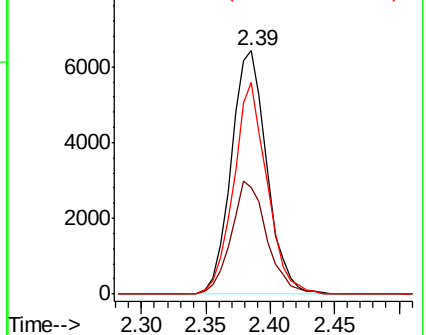
151 81.9 66.6 100.0

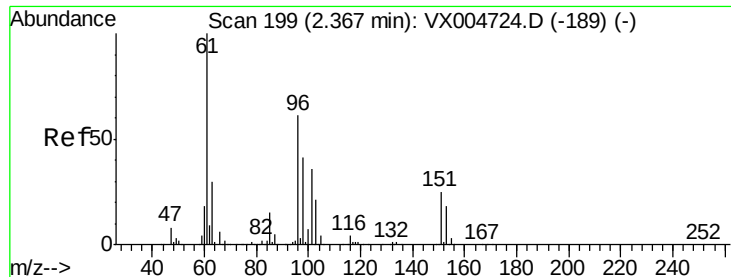


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

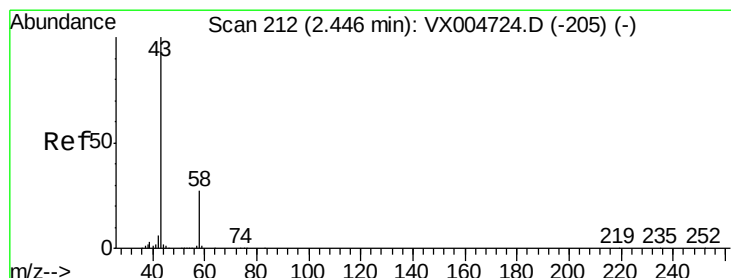
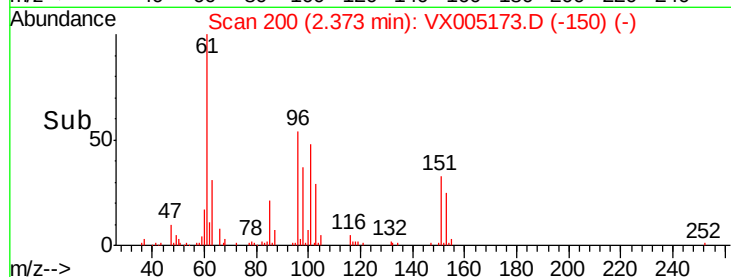
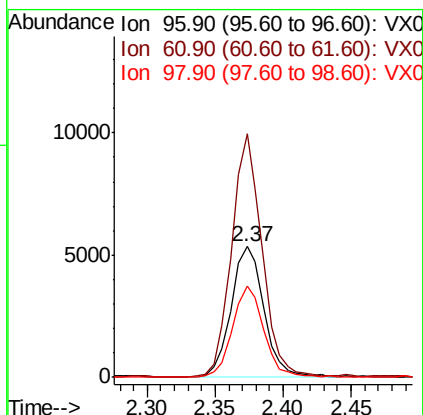
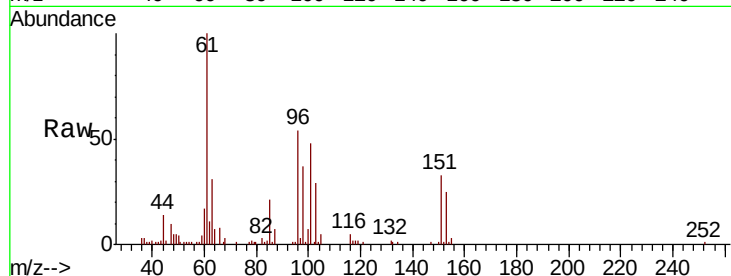




#12
 1,1-Dichloroethene
 Concen: 4.786 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005173.D
 Acq: 09 Oct 2018 21:37

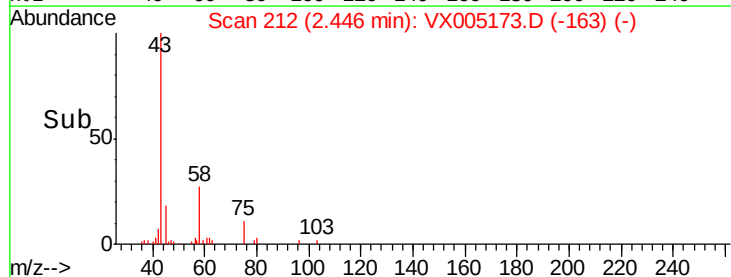
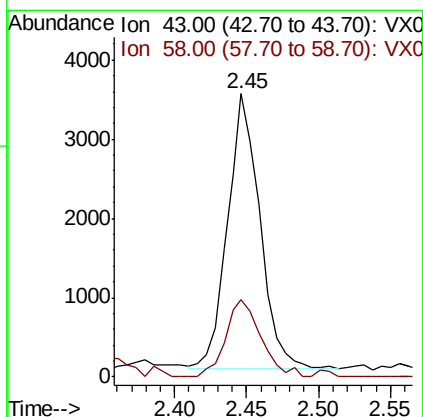
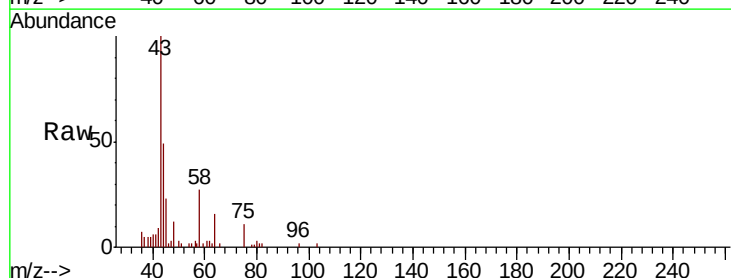
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-103D1-20181003

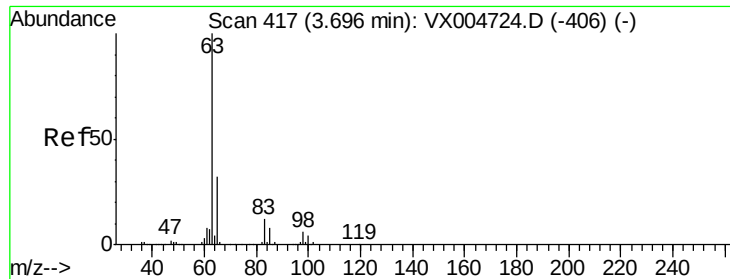
Tot Ion	96	Resp	9030
Ion	Ratio	Lower	Upper
96	100		
61	186.5	130.2	195.4
98	69.5	53.4	80.0



#16
 Acetone
 Concen: 3.767 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX005173.D
 Acq: 09 Oct 2018 21:37

Tgt Ion	43	Resp	5471
Ion	Ratio	Lower	Upper
43	100		
58	28.2	21.8	32.6

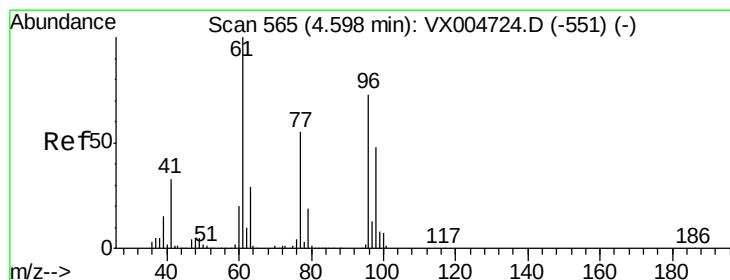
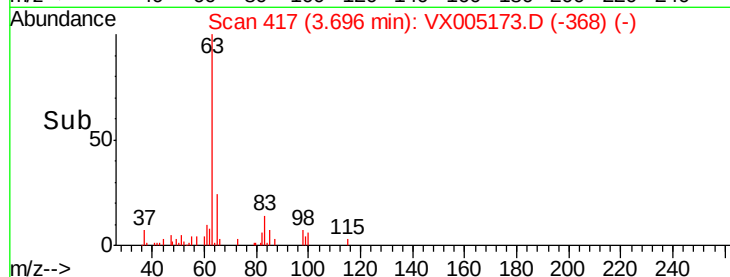
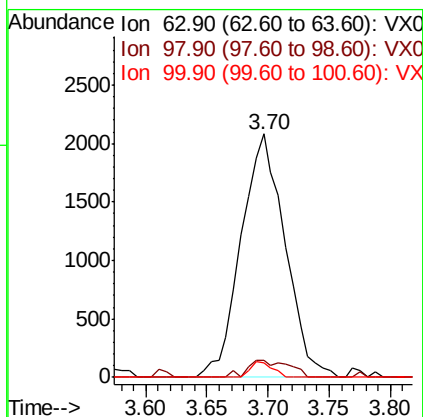
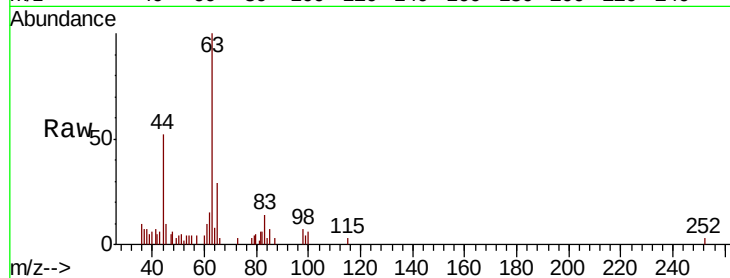




#24
 1,1-Dichloroethane
 Concen: 1.259 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX005173.D
 Acq: 09 Oct 2018 21:37

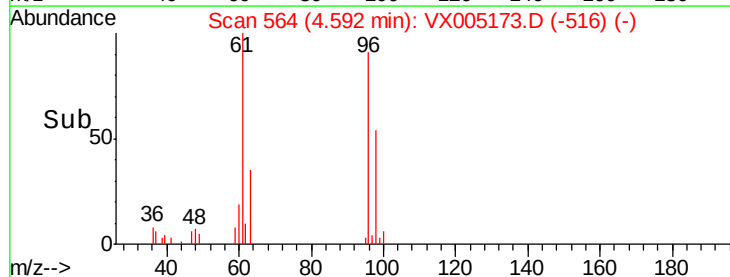
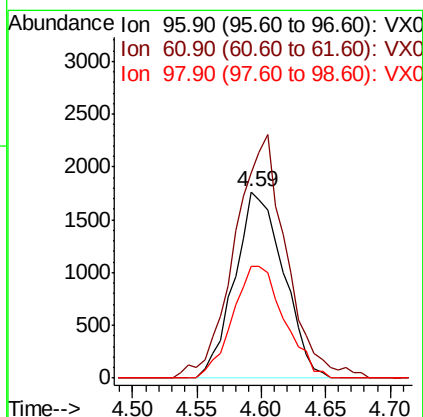
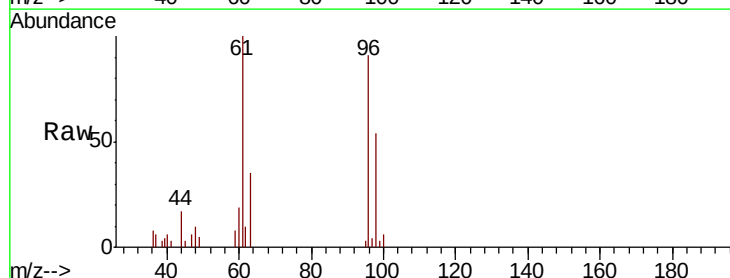
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-103D1-20181003

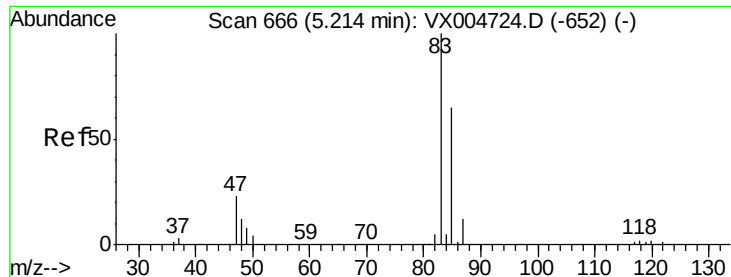
Tot Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.0	9.2
100	5.7	2.0	5.8



#27
 cis-1,2-Dichloroethene
 Concen: 2.014 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX005173.D
 Acq: 09 Oct 2018 21:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	285.8
98	63.2	0.0	136.2

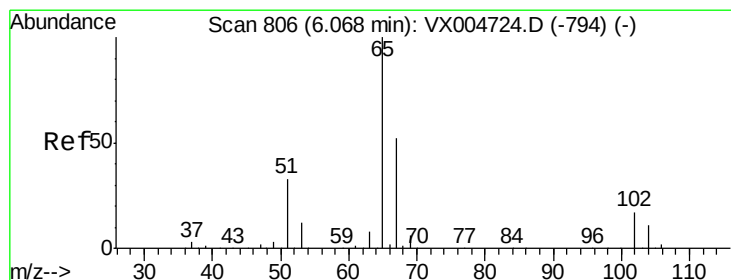
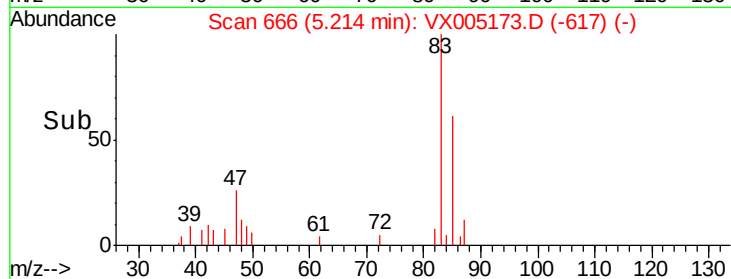
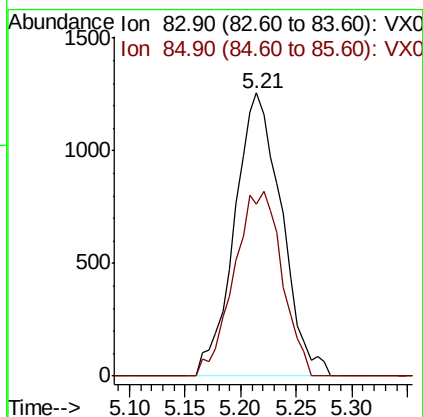
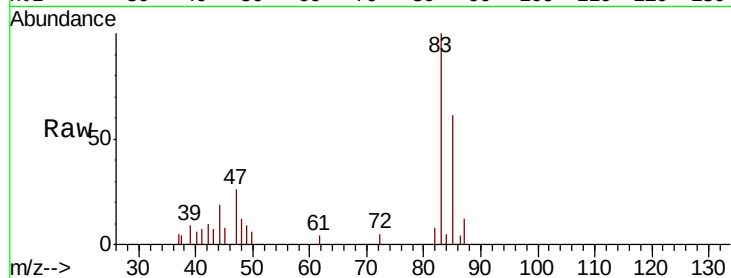




#30
 Chloroform
 Concen: 0.944 ug/l
 RT: 5.21 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: VX005173.D
 Acq: 09 Oct 2018 21:37

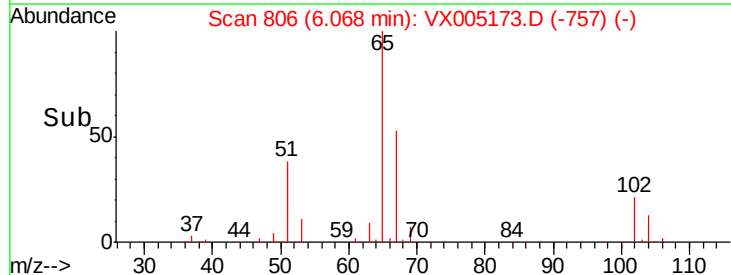
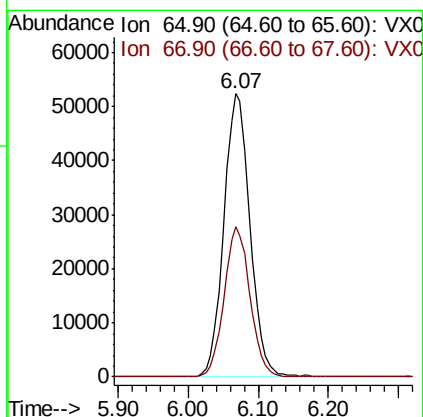
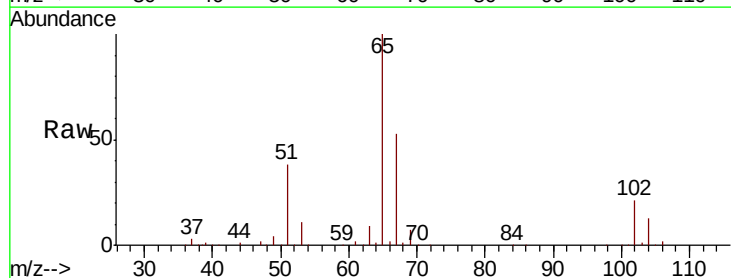
Instrument :
 MSVOA_X
 ClientSampleId :
 RE-103D1-20181003

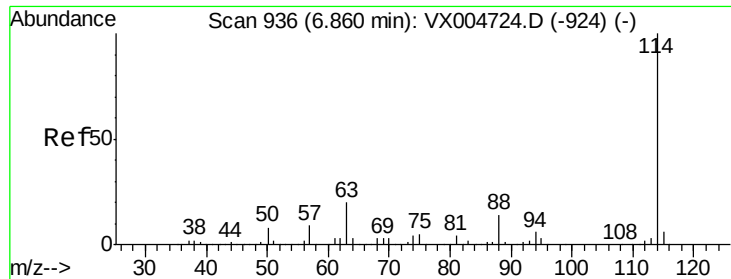
Tot Ion: 83 Resp: 3689
 Ion Ratio Lower Upper
 83 100
 85 60.6 52.4 78.6



#33
 1,2-Dichloroethane-d4
 Concen: 54.561 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005173.D
 Acq: 09 Oct 2018 21:37

Tgt Ion: 65 Resp: 135730
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 107.4

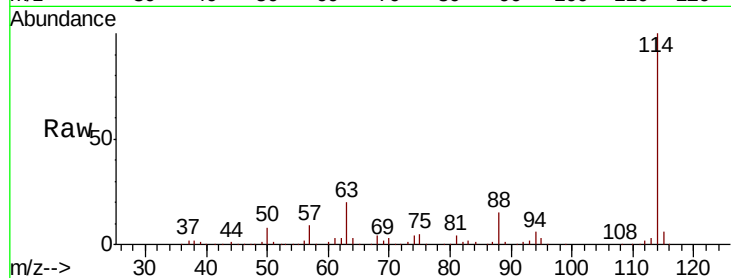




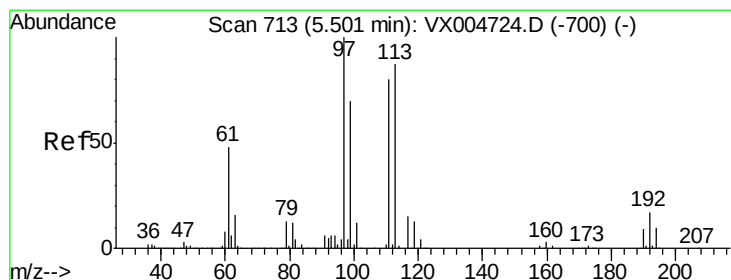
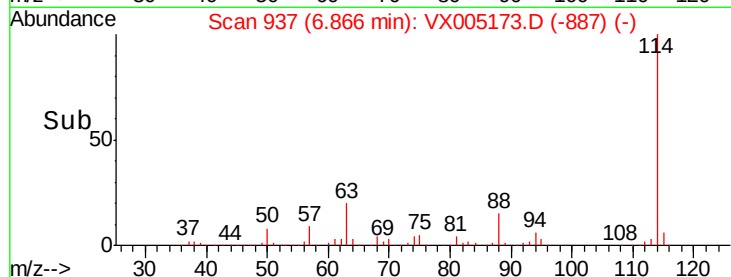
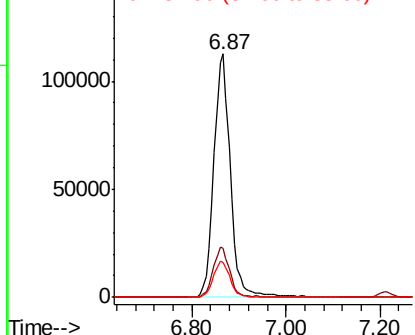
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005173.D
 Acq: 09 Oct 2018 21:37

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-103D1-20181003

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.8
88	14.6	0.0	27.0

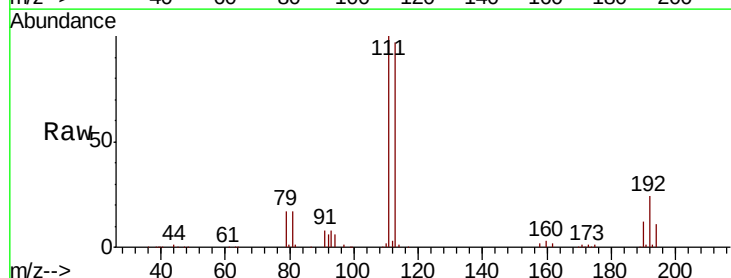


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

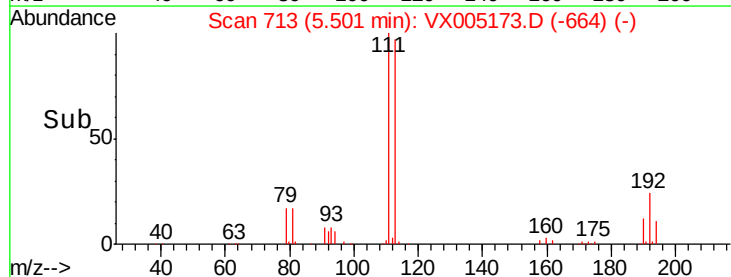
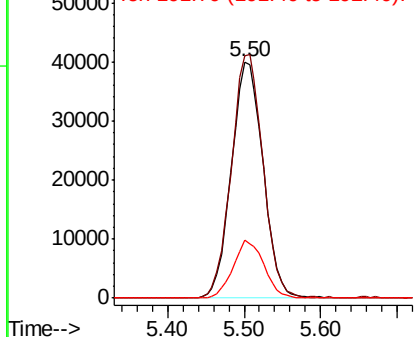


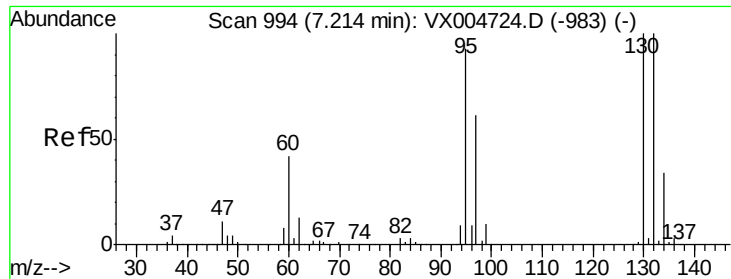
#35
 Dibromofluoromethane
 Concen: 49.161 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005173.D
 Acq: 09 Oct 2018 21:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	77.0	115.4
192	23.8	17.0	25.6



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: 674.721 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005173.D

Acq: 09 Oct 2018 21:37

Instrument :

MSVOA_X

ClientSampleId :

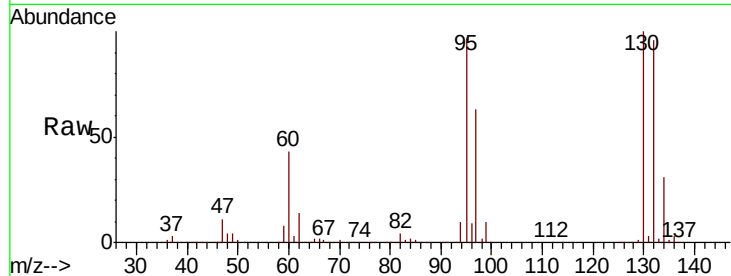
RE-103D1-20181003

Tot Ion:130 Resp: 1651058

Ion Ratio Lower Upper

130 100

95 97.3 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

800000

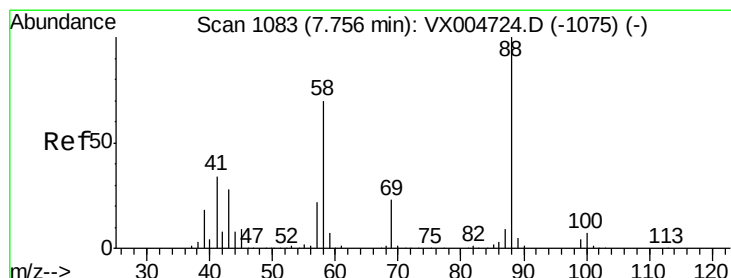
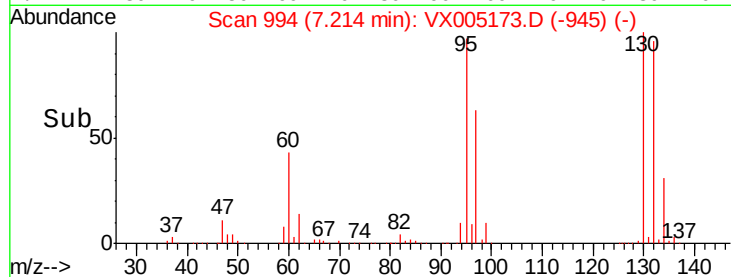
600000

400000

200000

0

Time-->



#49

1,4-Dioxane

Concen: 28.286 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VX005173.D

Acq: 09 Oct 2018 21:37

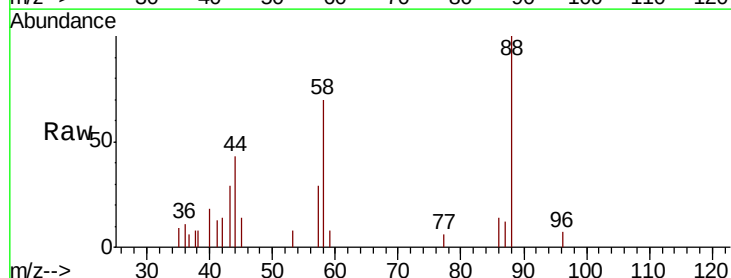
Tgt Ion: 88 Resp: 1943

Ion Ratio Lower Upper

88 100

43 42.6 25.1 37.7#

58 78.0 56.2 84.2



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

7.76

1200

1000

800

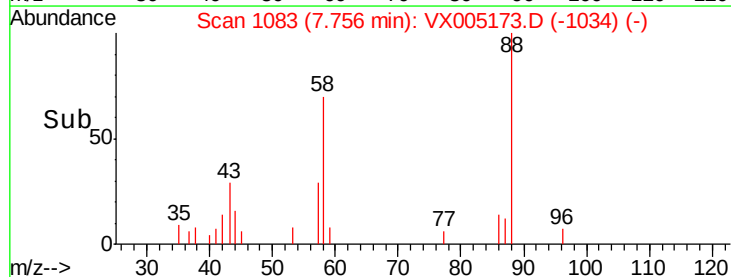
600

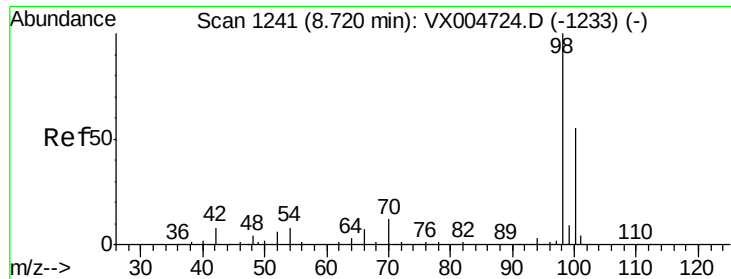
400

200

0

Time-->

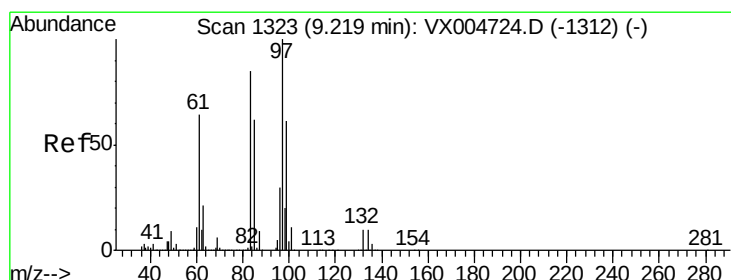
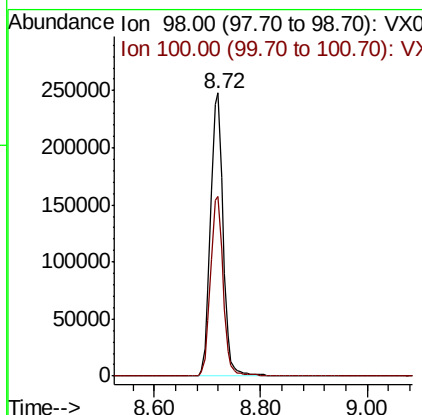
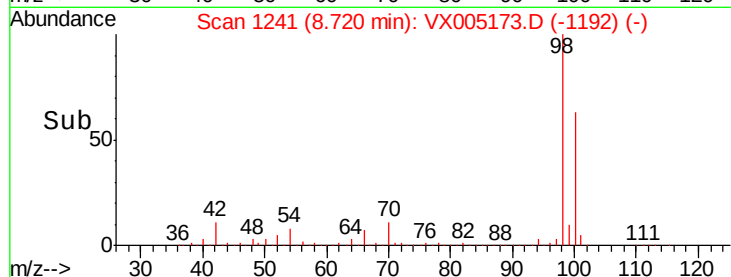
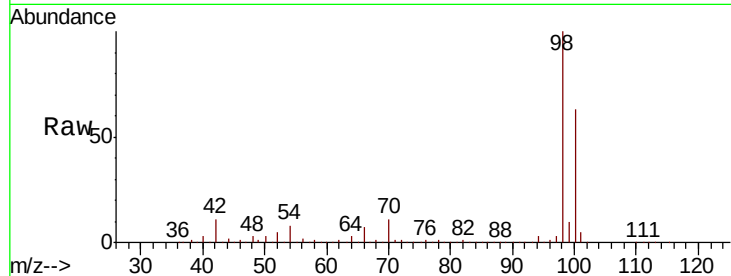




#50
Toluene-d8
Concen: 52.088 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005173.D
Acq: 09 Oct 2018 21:37

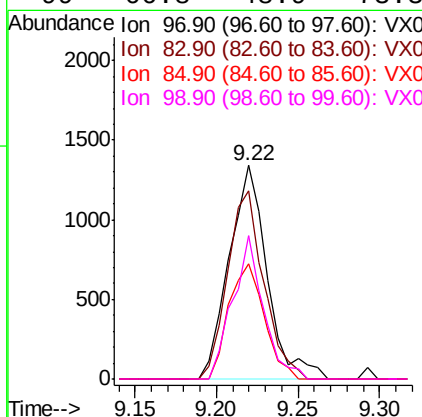
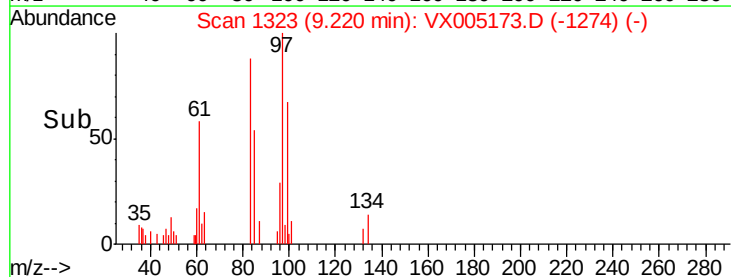
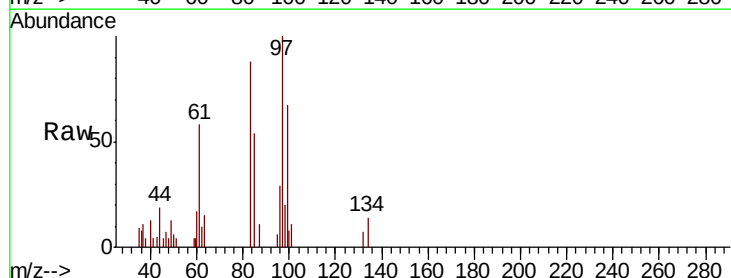
Instrument :
MSVOA_X
ClientSampleId :
RE-103D1-20181003

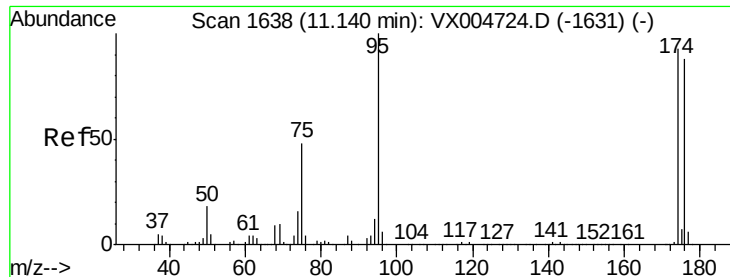
Tot Ion: 98 Resp: 403543
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#55
1,1,2-Trichloroethane
Concen: 0.907 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX005173.D
Acq: 09 Oct 2018 21:37

Tgt Ion: 97 Resp: 2172
Ion Ratio Lower Upper
97 100
83 88.2 68.2 102.2
85 54.2 49.9 74.9
99 66.8 48.9 73.3

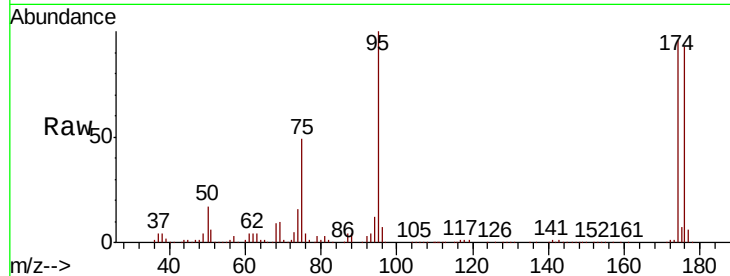




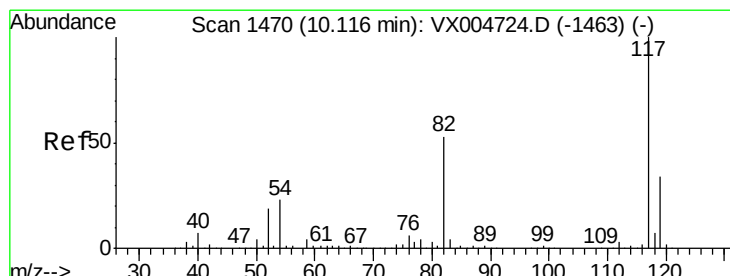
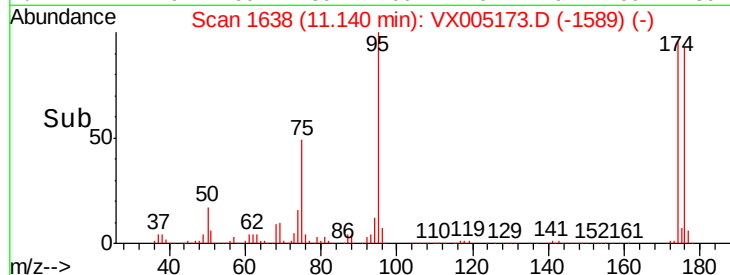
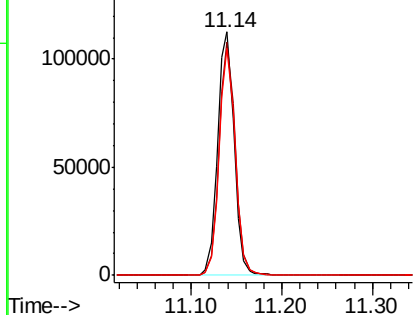
#62
4-Bromofluorobenzene
Concen: 51.519 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005173.D
Acq: 09 Oct 2018 21:37

Instrument :
MSVOA_X
ClientSampleId :
RE-103D1-20181003

Tot Ion: 95 Resp: 143791
Ion Ratio Lower Upper
95 100
174 93.6 0.0 185.0
176 90.7 0.0 180.2

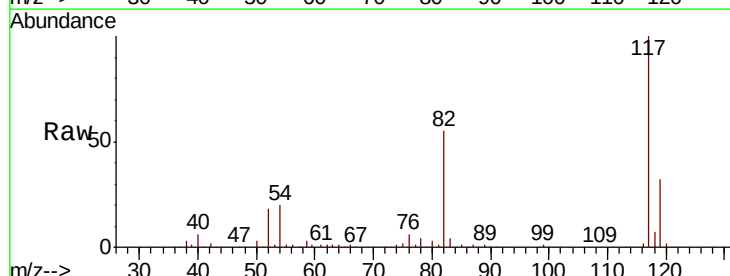


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

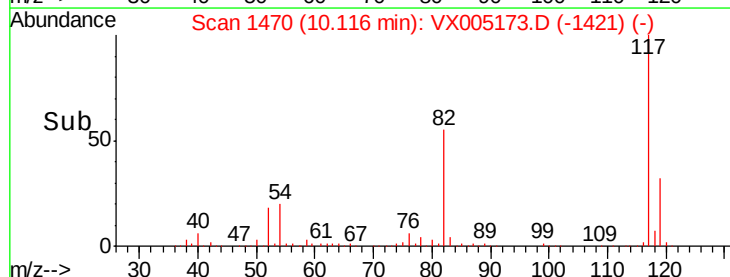
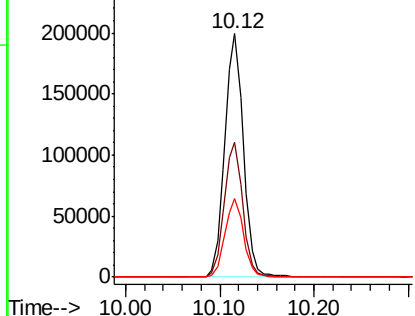


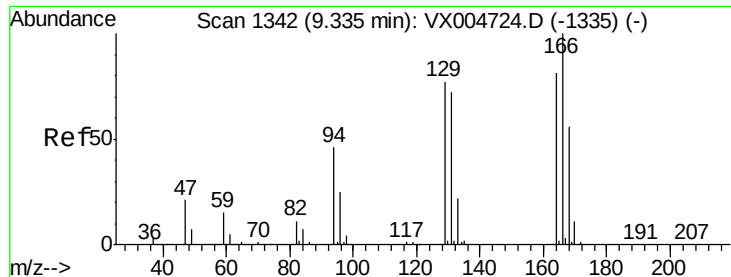
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005173.D
Acq: 09 Oct 2018 21:37

Tgt Ion: 117 Resp: 274001
Ion Ratio Lower Upper
117 100
82 55.4 42.2 63.4
119 32.5 27.4 41.0



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

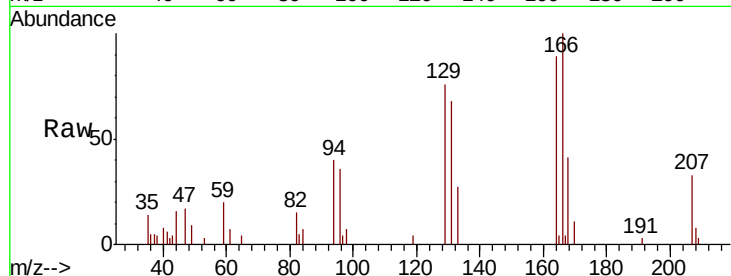




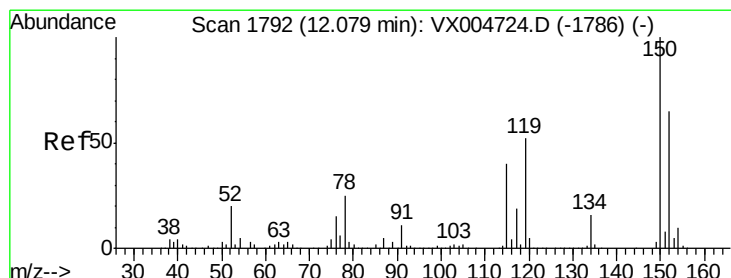
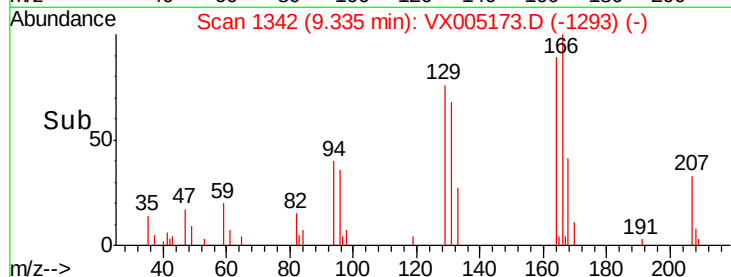
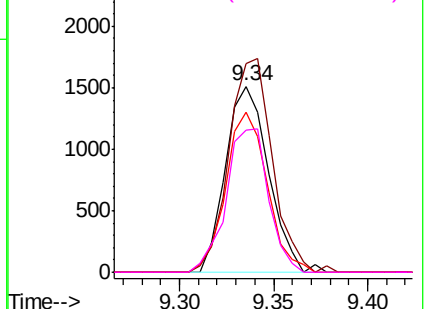
#64
Tetrachloroethene
Concen: 0.886 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005173.D
Acq: 09 Oct 2018 21:37

Instrument :
MSVOA_X
ClientSampleId :
RE-103D1-20181003

Tot Ion:164 Resp: 2388
Ion Ratio Lower Upper
164 100
166 112.4 98.4 147.6
129 85.9 76.1 114.1
131 76.6 71.0 106.4

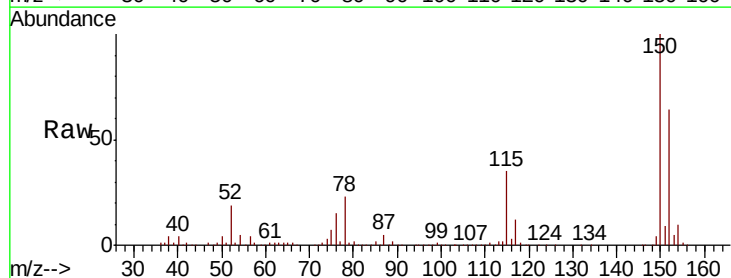


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005173.D
Acq: 09 Oct 2018 21:37

Tgt Ion:152 Resp: 154128
Ion Ratio Lower Upper
152 100
115 55.1 40.2 120.6
150 156.1 0.0 351.0



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

