

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121318\
 Data File : VX006496.D
 Acq On : 13 Dec 2018 15:44
 Operator : JC/MD
 Sample : J6386-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-RB-181212

Quant Time: Dec 14 00:16:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	626385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1007050	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	917673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	427012	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	340807	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
35) Dibromofluoromethane	5.51	113	298831	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	
50) Toluene-d8	8.71	98	1182319	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.13	95	439636	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	

Target Compounds

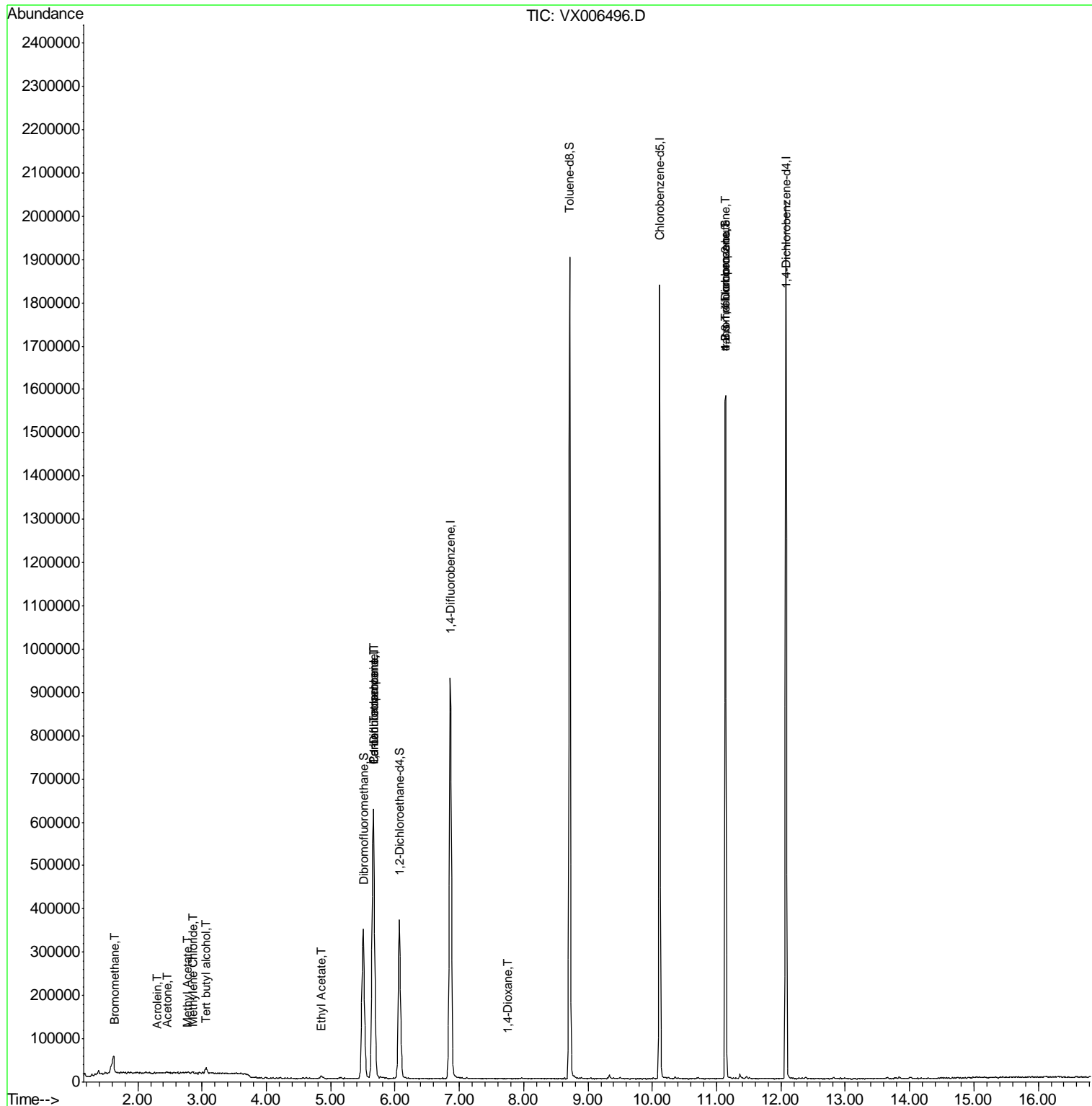
						Qvalue
5) Bromomethane	1.64	94	1050	0.223	ug/l #	51
11) Tert butyl alcohol	3.06	59	15494	8.860	ug/l #	87
13) Acrolein	2.31	56	209	0.219	ug/l #	70
16) Acetone	2.45	43	4471	1.490	ug/l #	82
18) Methyl Acetate	2.78	43	3607	0.359	ug/l #	75
20) Methylene Chloride	2.86	84	1889	0.296	ug/l #	80
36) 1,1-Dichloropropene	5.67	75	42364	4.996	ug/l #	49
37) Ethyl Acetate	4.85	43	9695	1.021	ug/l #	85
38) Carbon Tetrachloride	5.66	117	60481	6.062	ug/l #	15
49) 1,4-Dioxane	7.76	88	180	0.948	ug/l #	19
76) 1,2,3-Trichloropropane	11.13	75	196860	23.885	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	196860	56.051	ug/l #	15

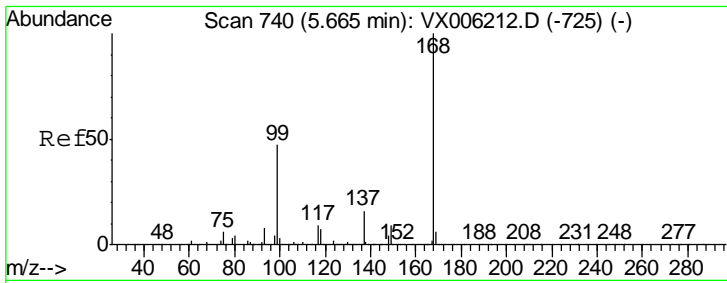
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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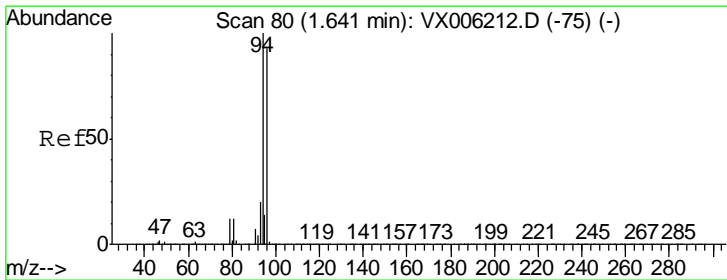
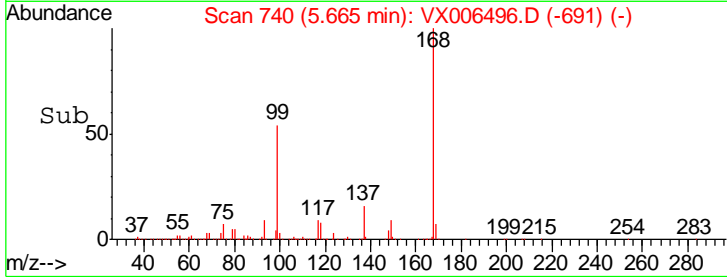
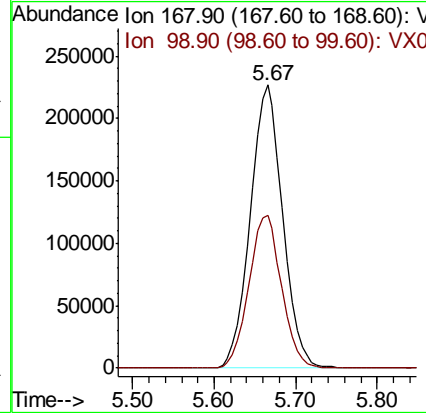
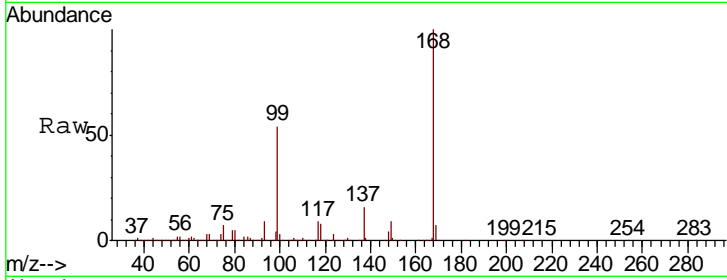




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: VX006496.D
 Acq: 13 Dec 2018 15:44

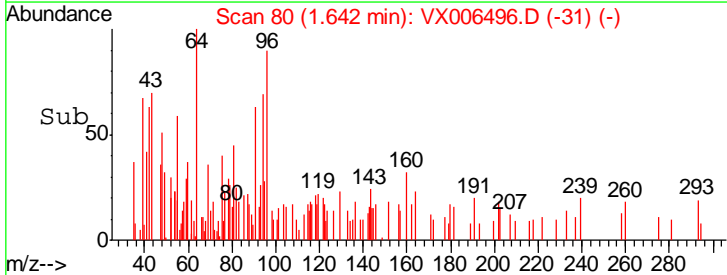
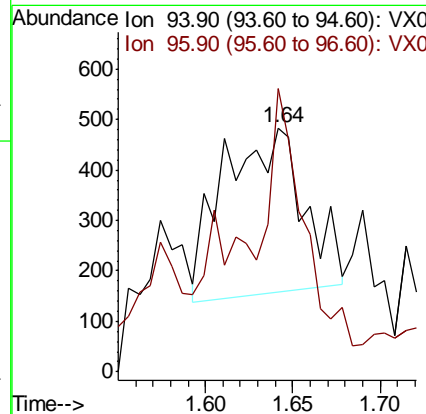
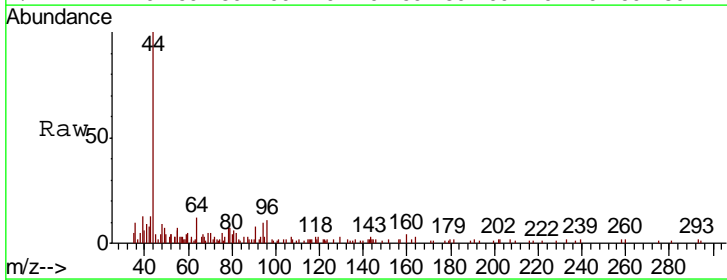
Instrument : MSVOA_X
 ClientSampled : P001-RB-181212

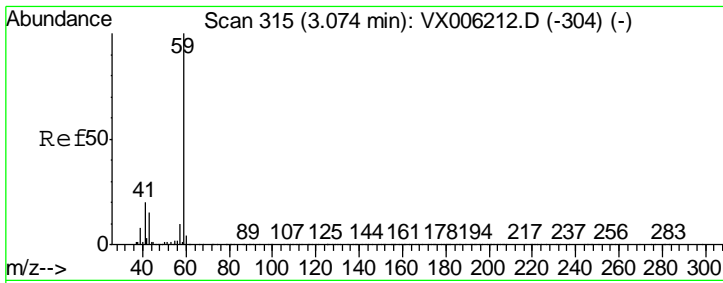
Tgt Ion	Resp	Lower	Upper
168	100		
99	54.0	37.8	56.8



#5
 Bromomethane
 Concen: 0.223 ug/l
 RT: 1.64 min Scan# 80
 Delta R.T. 0.00 min
 Lab File: VX006496.D
 Acq: 13 Dec 2018 15:44

Tgt Ion	Resp	Lower	Upper
94	100		
96	140.1	74.5	111.7#

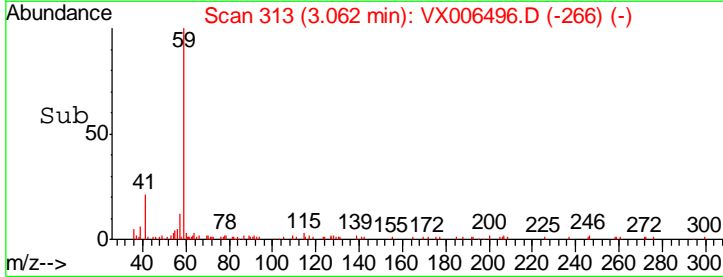
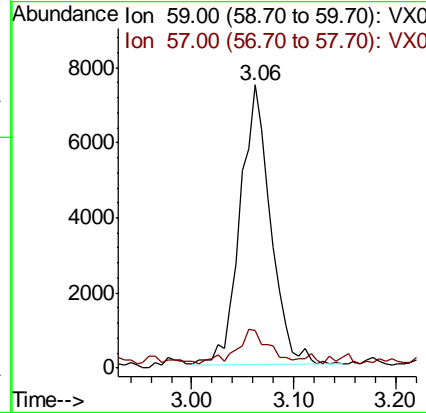
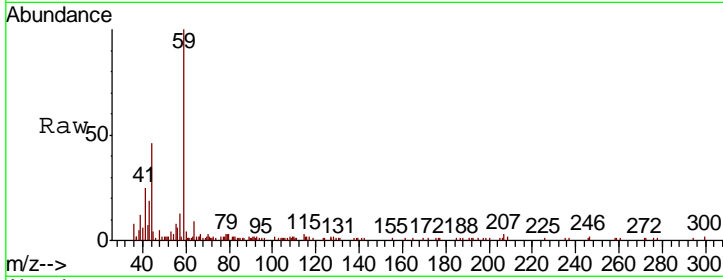




#11
 Tert butyl alcohol
 Concen: 8.860 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX006496.D
 Acq: 13 Dec 2018 15:44

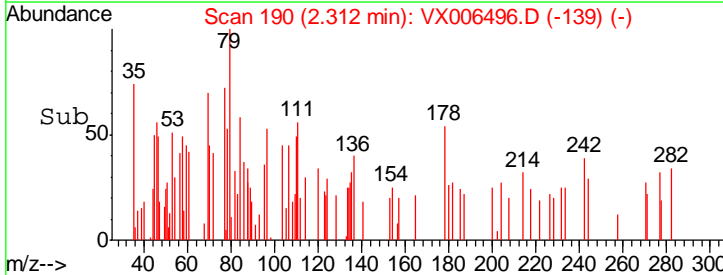
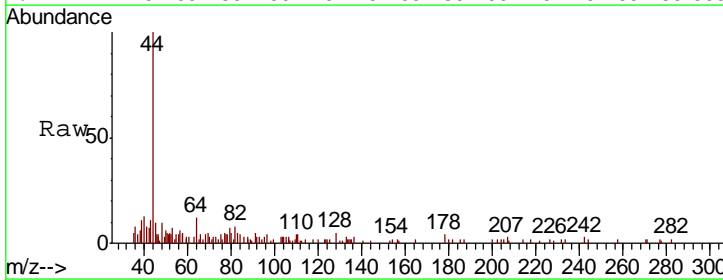
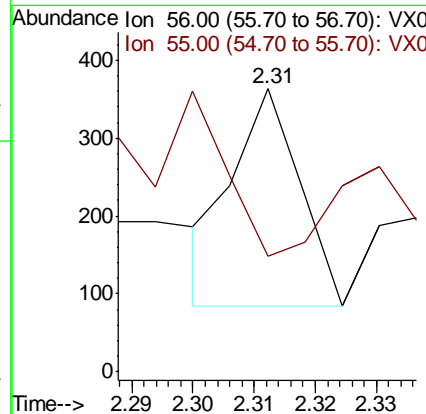
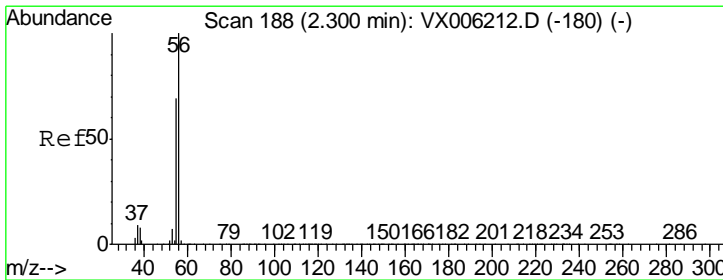
Instrument :
 MSVOA_X
ClientSampled :
 P001-RB-181212

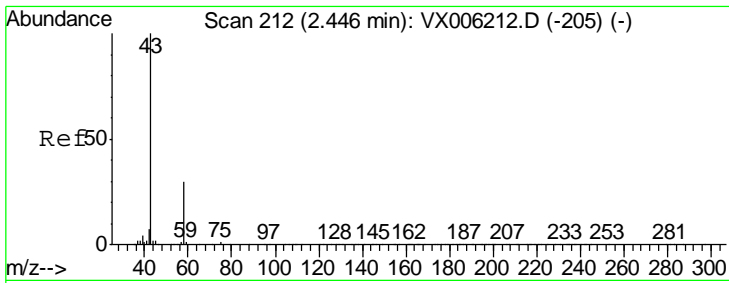
Tgt Ion	Resp	Lower	Upper
59	15494		
57	14.9	8.2	12.2#



#13
 Acrolein
 Concen: 0.219 ug/l
 RT: 2.31 min Scan# 190
 Delta R.T. 0.01 min
 Lab File: VX006496.D
 Acq: 13 Dec 2018 15:44

Tgt Ion	Resp	Lower	Upper
56	209		
55	46.9	57.8	86.6#

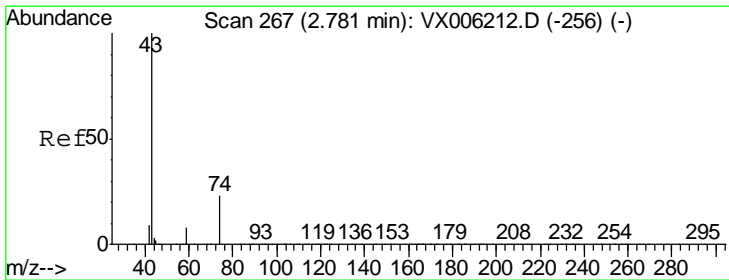
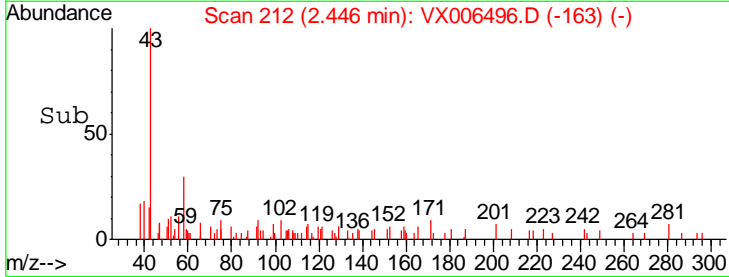
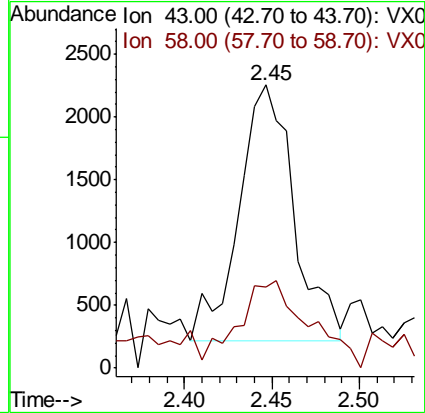
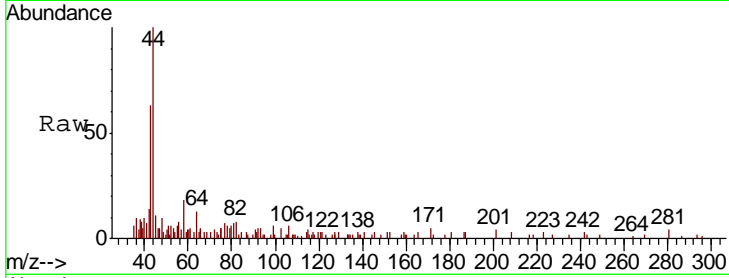




#16
 Acetone
 Concen: 1.490 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006496.D
 Acq: 13 Dec 2018 15:44

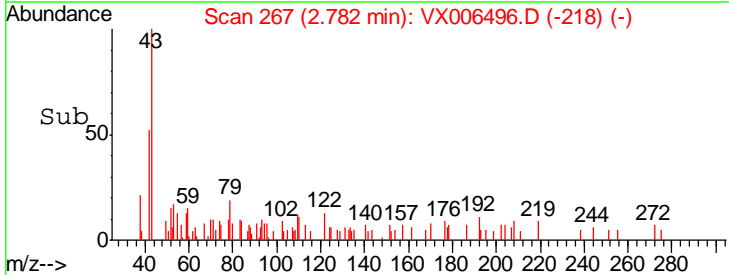
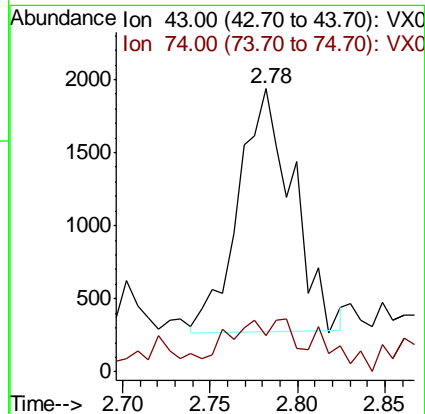
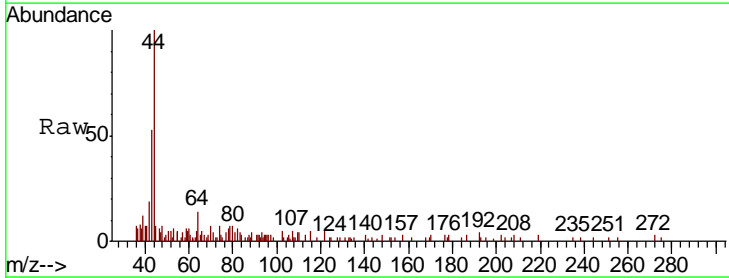
Instrument :
 MSVOA_X
 ClientSampleID :
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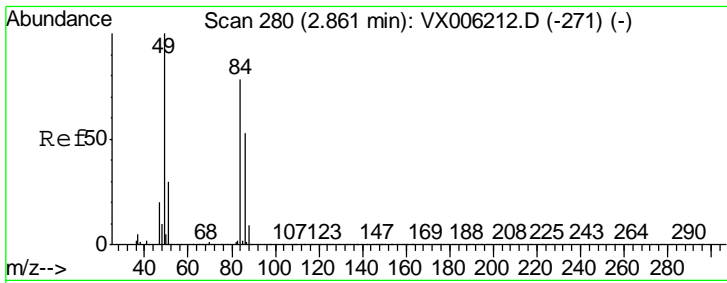
Tgt Ion: 43 Resp: 4471
 Ion Ratio Lower Upper
 43 100
 58 20.1 24.0 36.0#



#18
 Methyl Acetate
 Concen: 0.359 ug/l
 RT: 2.78 min Scan# 267
 Delta R.T. 0.00 min
 Lab File: VX006496.D
 Acq: 13 Dec 2018 15:44

Tgt Ion: 43 Resp: 3607
 Ion Ratio Lower Upper
 43 100
 74 10.2 17.9 26.9#

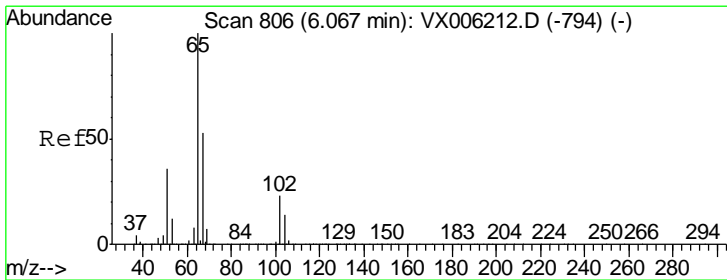
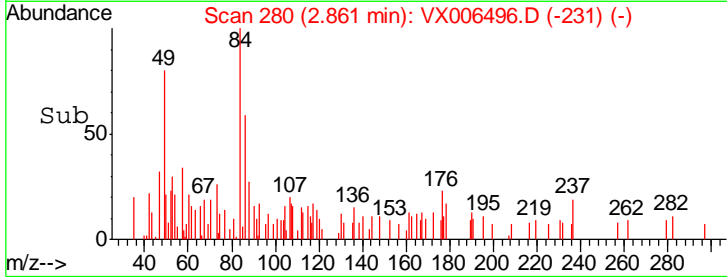
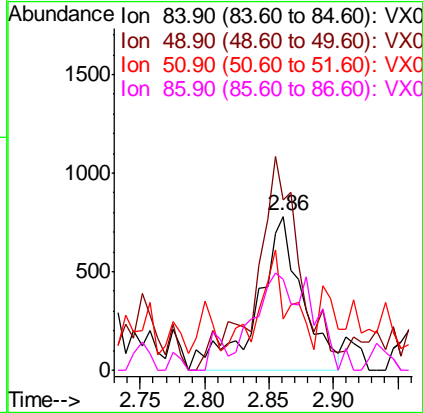
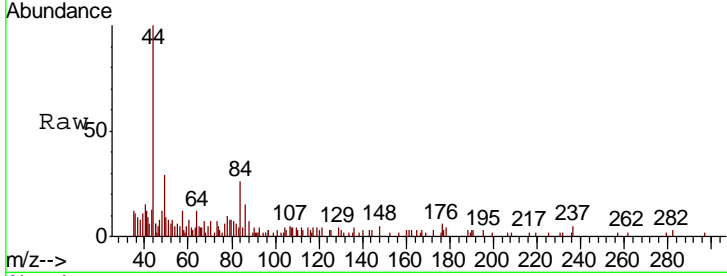




#20
Methylene Chloride
Concen: 0.296 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006496.D
Acq: 13 Dec 2018 15:44

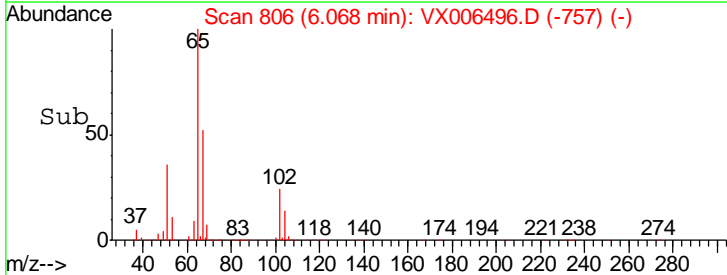
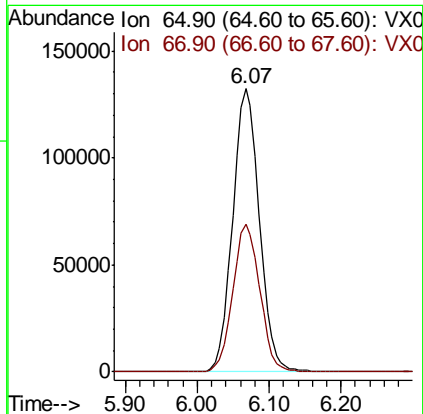
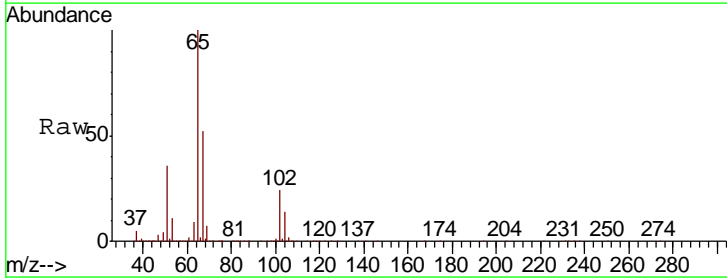
Instrument : MSVOA_X
ClientSampled : P001-RB-181212

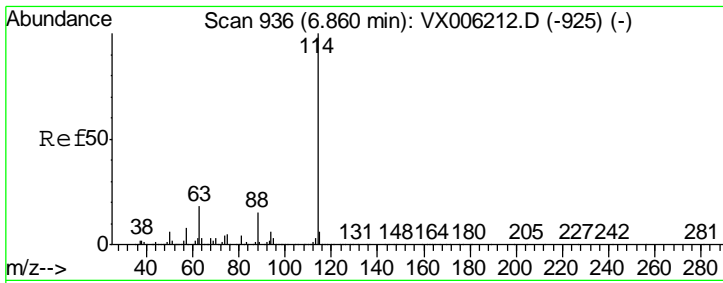
Tgt Ion	Resp	Lower	Upper
84	1889		
49	110.9	102.2	153.4
51	6.0	31.1	46.7#
86	59.4	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 53.298 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006496.D
Acq: 13 Dec 2018 15:44

Tgt Ion	Resp	Lower	Upper
65	340807		
67	53.0	0.0	107.2

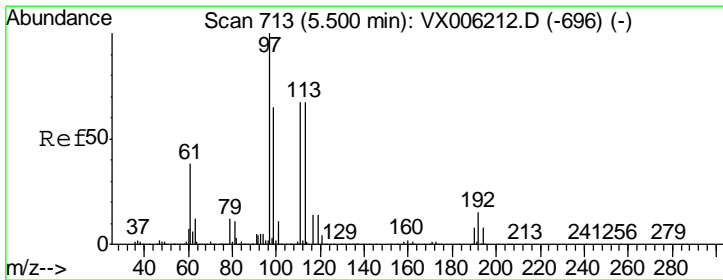
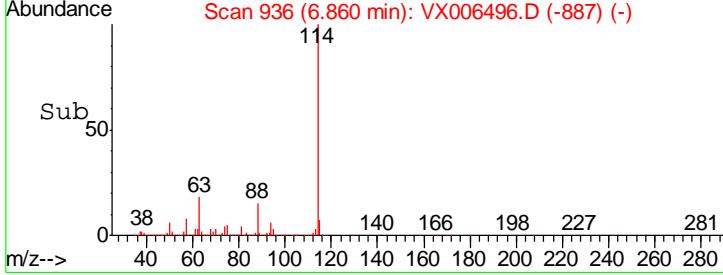
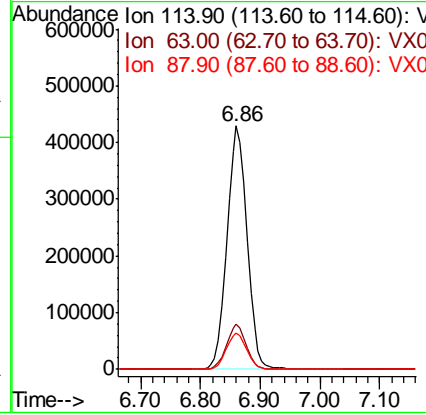
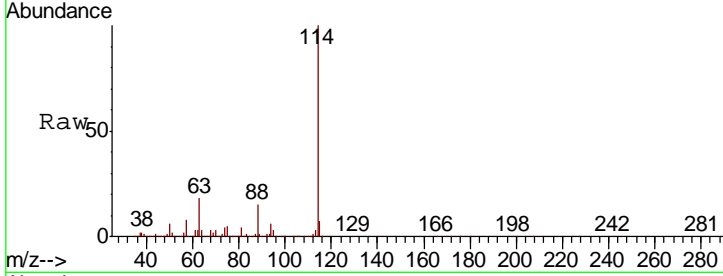




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006496.D
 Acq: 13 Dec 2018 15:44

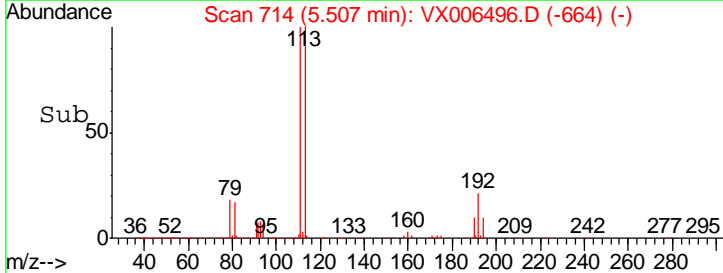
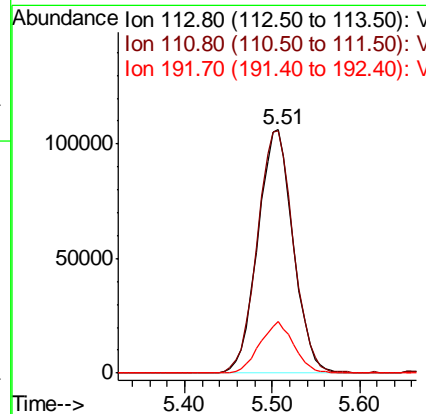
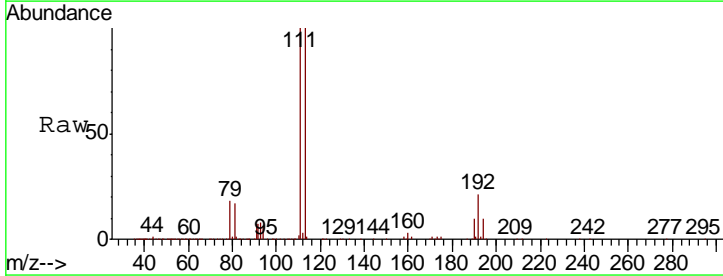
Instrument :
 MSVOA_X
 ClientSampleId :
 P001-RB-181212

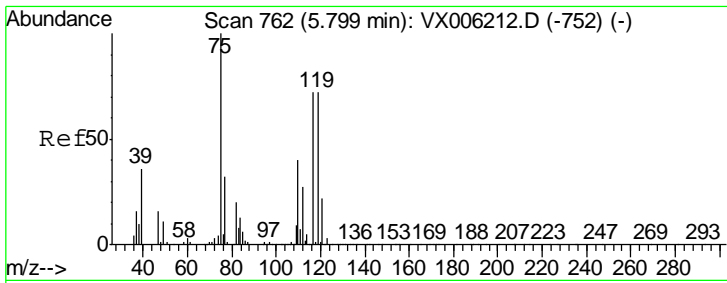
Tgt Ion	Resp	Lower	Upper
114	100		
63	18.3	0.0	36.6
88	14.7	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 45.831 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006496.D
 Acq: 13 Dec 2018 15:44

Tgt Ion	Resp	Lower	Upper
113	100		
111	101.8	81.1	121.7
192	20.3	18.2	27.2

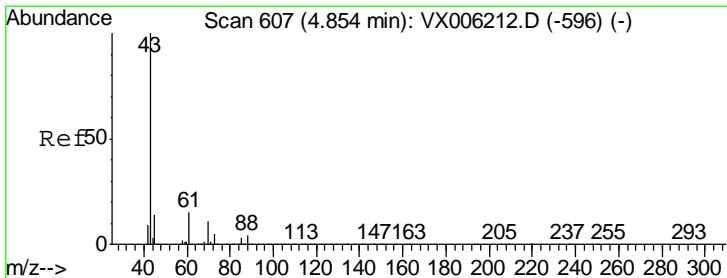
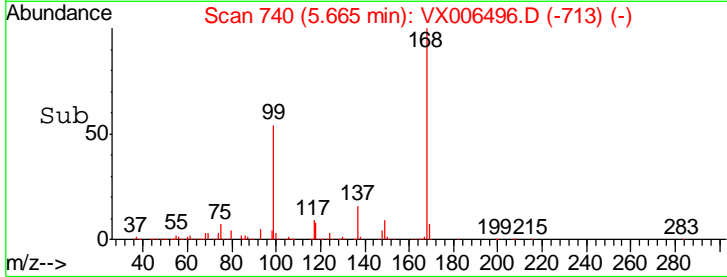
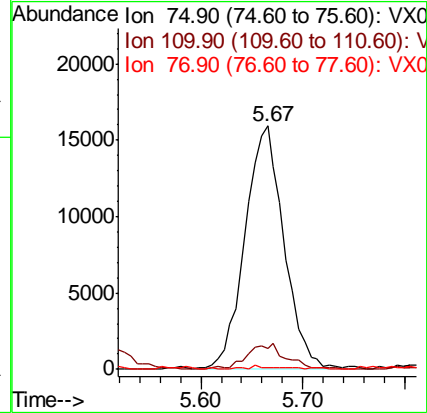
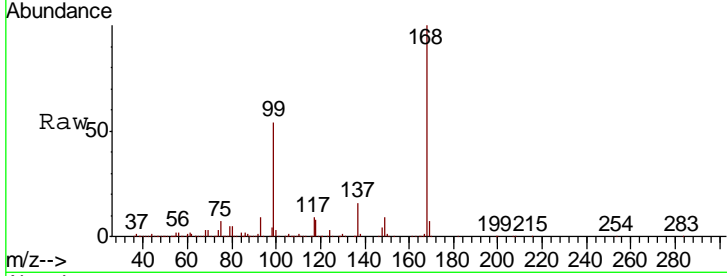




#36
 1,1-Dichloropropene
 Concen: 4.996 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006496.D
 Acq: 13 Dec 2018 15:44

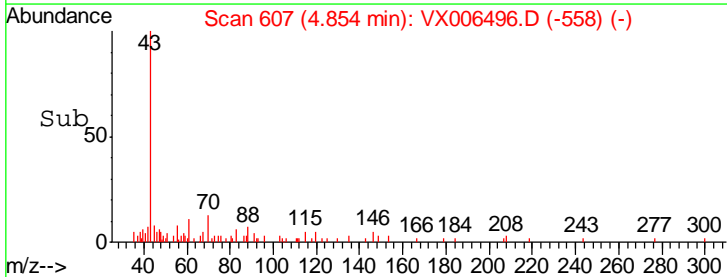
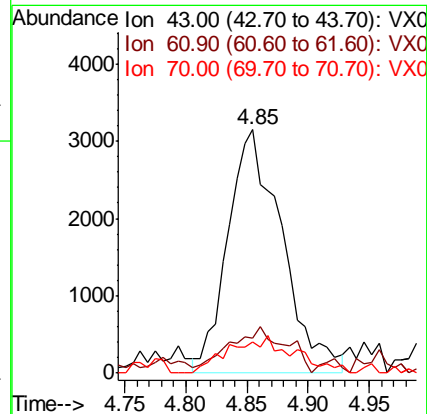
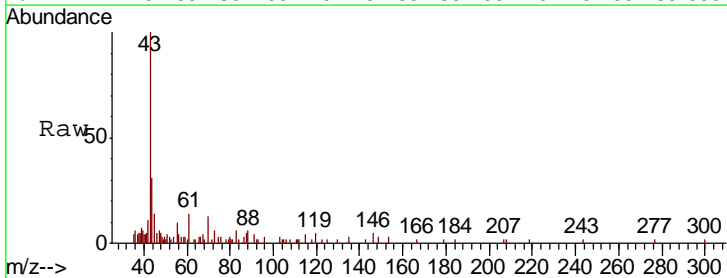
Instrument :
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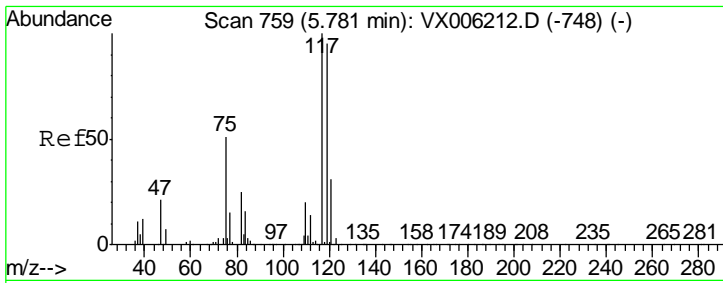
Tgt Ion	Resp	Lower	Upper
75	42364		
75	100		
110	10.7	20.4	61.3#
77	0.6	24.9	37.3#



#37
 Ethyl Acetate
 Concen: 1.021 ug/l
 RT: 4.85 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VX006496.D
 Acq: 13 Dec 2018 15:44

Tgt Ion	Resp	Lower	Upper
43	9695		
43	100		
61	19.8	11.5	17.3#
70	18.1	9.0	13.6#

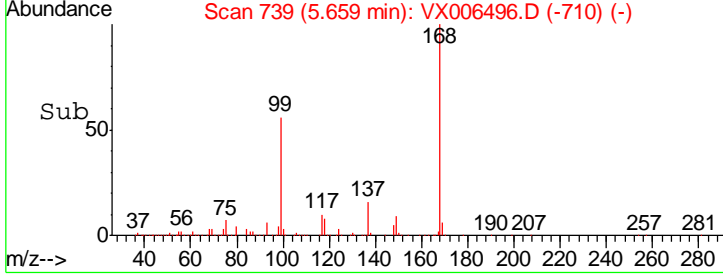
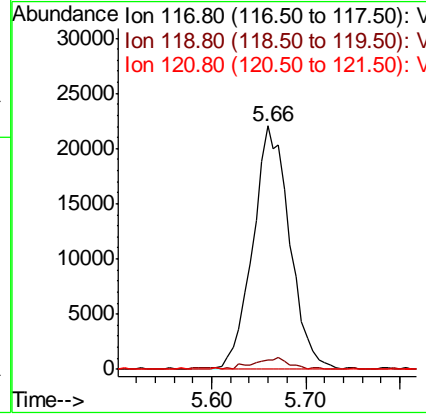
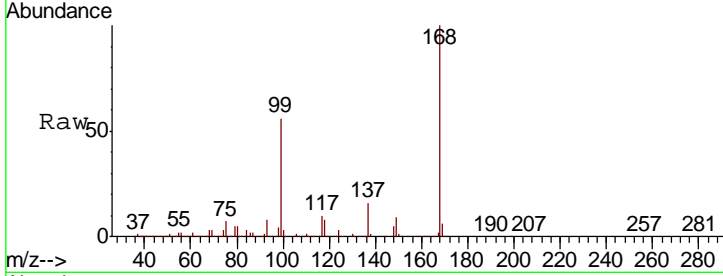




#38
 Carbon Tetrachloride
 Concen: 6.062 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX006496.D
 Acq: 13 Dec 2018 15:44

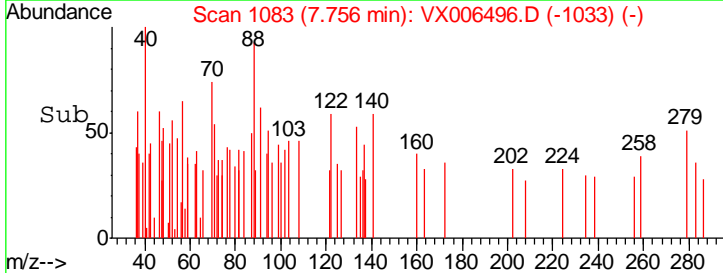
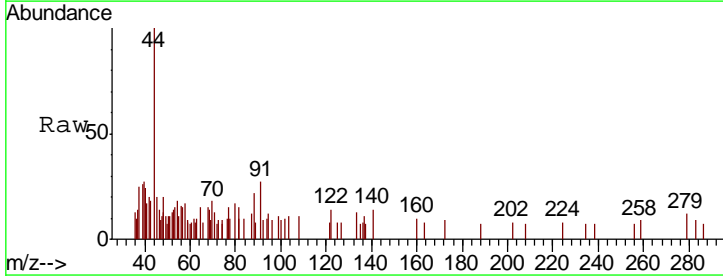
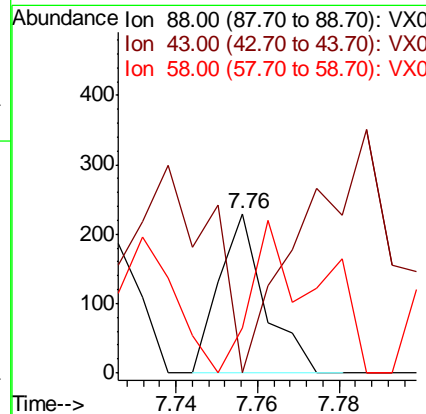
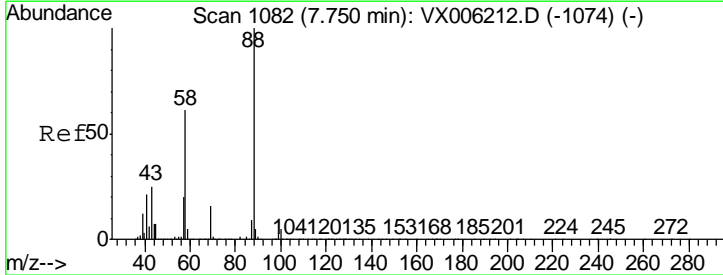
Instrument :
 MSVOA_X
ClientSampleId :
 P001-RB-181212

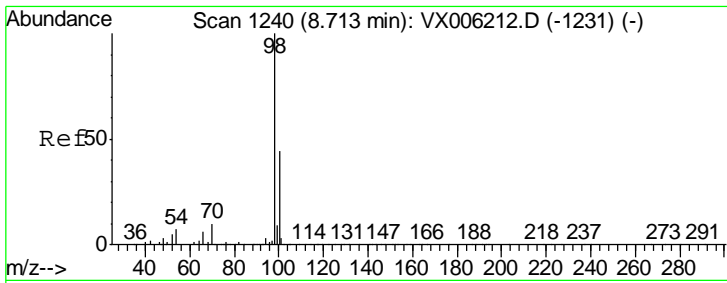
Tgt Ion	Resp	Lower	Upper
117	60481		
119	3.4	75.8	113.8#
121	0.0	24.6	37.0#



#49
 1,4-Dioxane
 Concen: 0.948 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. 0.01 min
 Lab File: VX006496.D
 Acq: 13 Dec 2018 15:44

Tgt Ion	Resp	Lower	Upper
88	180		
43	0.0	23.2	34.8#
58	136.7	51.4	77.0#



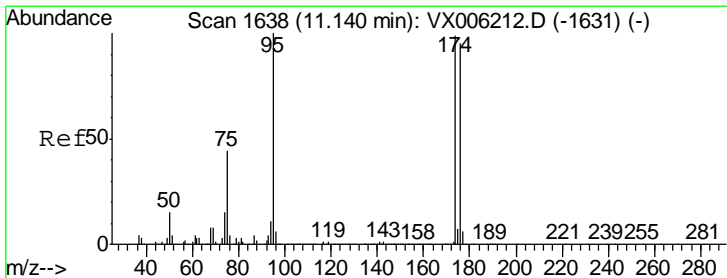
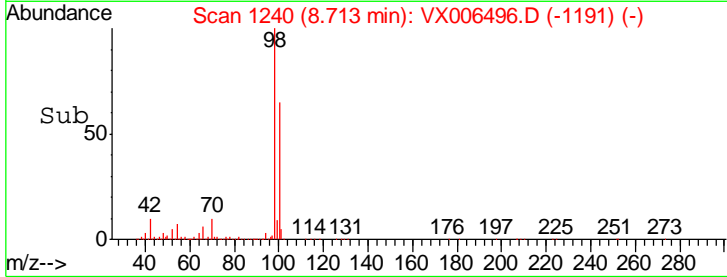
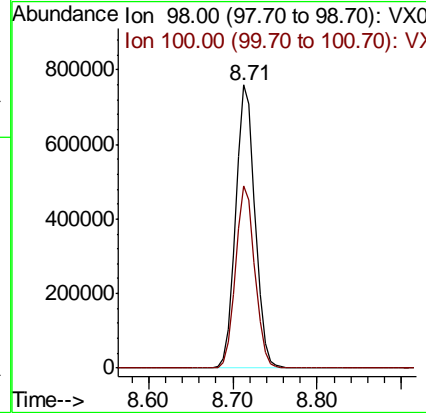
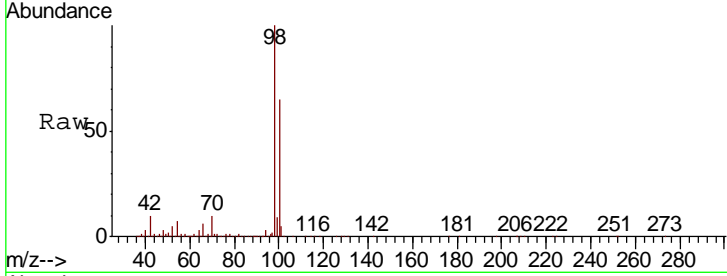


#50
 Toluene-d8
 Concen: 49.851 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX006496.D
 Acq: 13 Dec 2018 15:44

Instrument :
 MSVOA_X
ClientSampled :
 P001-RB-181212

Tgt Ion: 98 Resp: 1182319

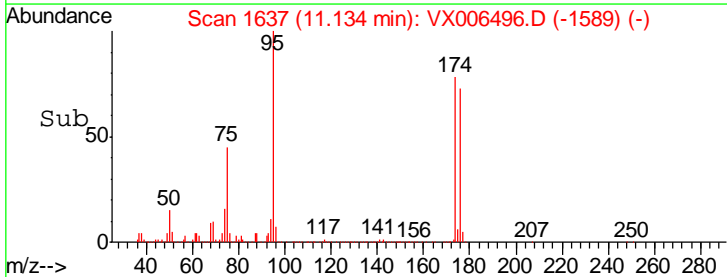
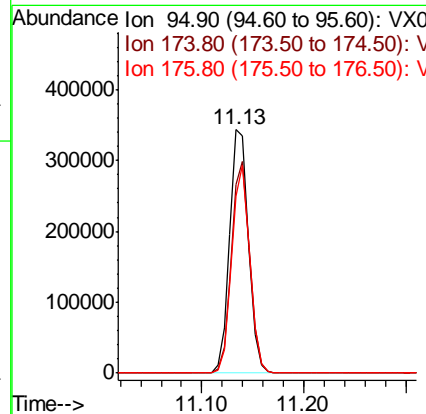
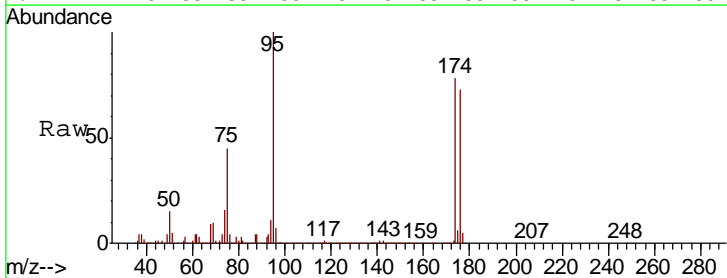
Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.2

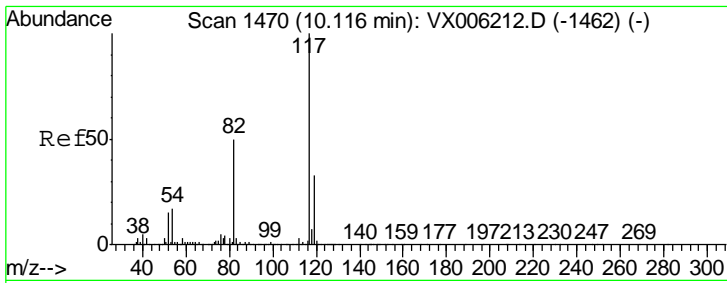


#62
 4-Bromofluorobenzene
 Concen: 49.192 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX006496.D
 Acq: 13 Dec 2018 15:44

Tgt Ion: 95 Resp: 439636

Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	187.0
176	81.1	0.0	181.8

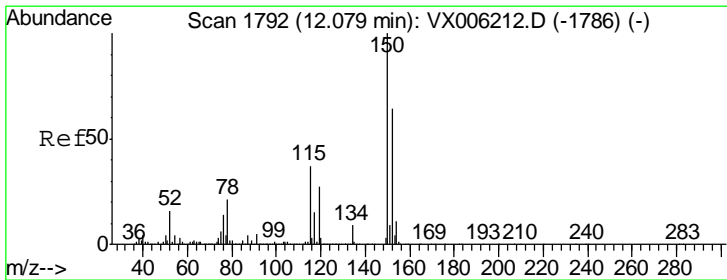
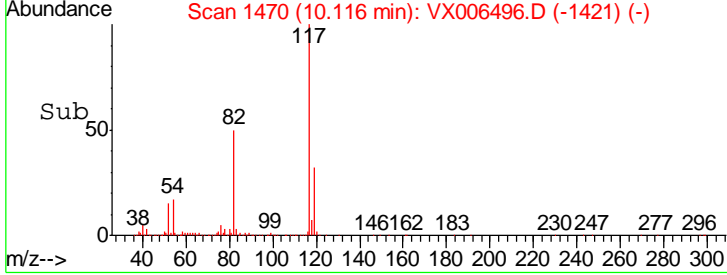
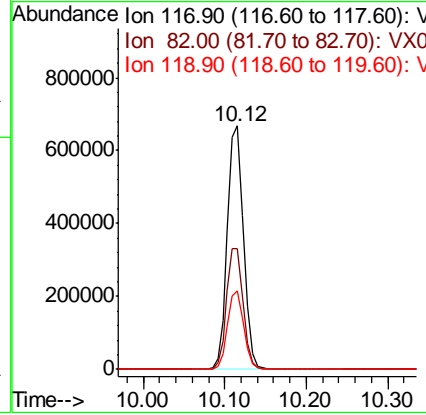
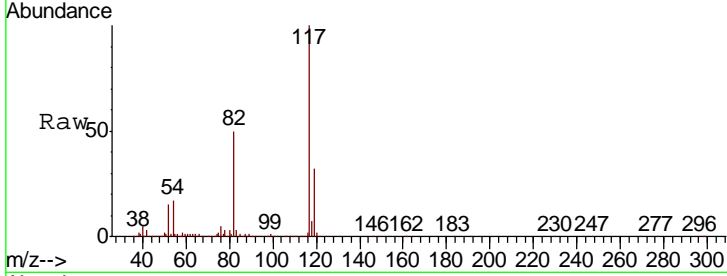




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VX006496.D
 Acq: 13 Dec 2018 15:44

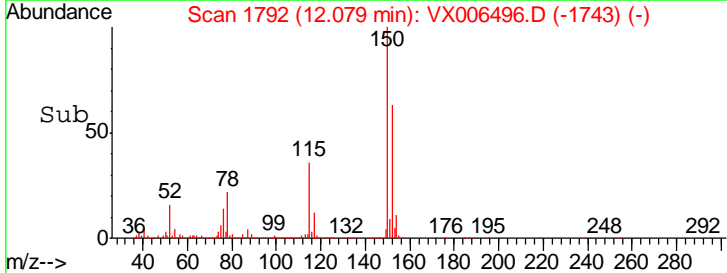
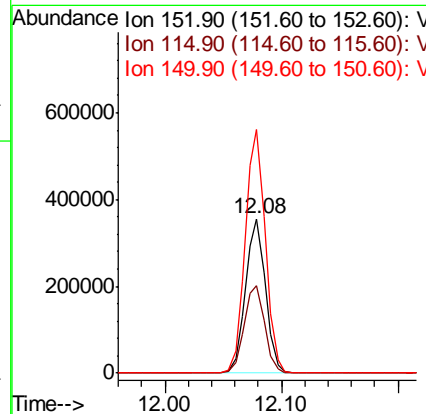
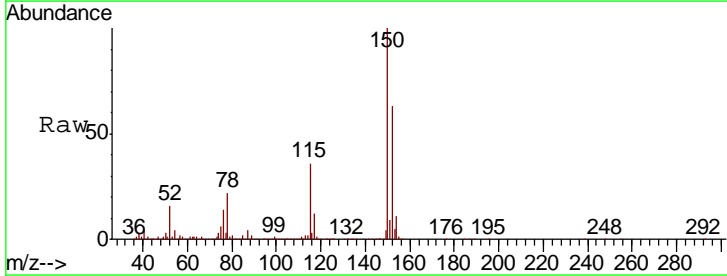
Instrument : MSVOA_X
 ClientSampled : P001-RB-181212

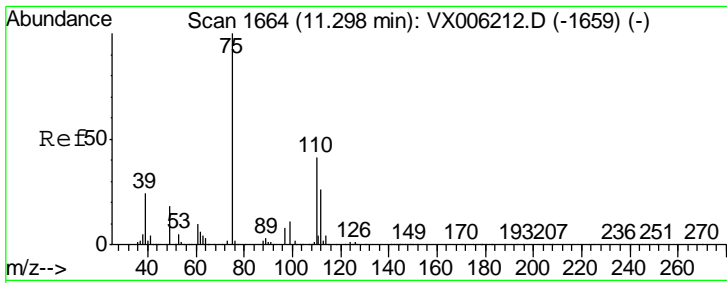
Tgt Ion	Resp	Lower	Upper
117	917673		
82	49.7	39.6	59.4
119	32.1	26.3	39.5



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX006496.D
 Acq: 13 Dec 2018 15:44

Tgt Ion	Resp	Lower	Upper
152	427012		
115	58.2	39.0	116.9
150	158.9	0.0	345.8

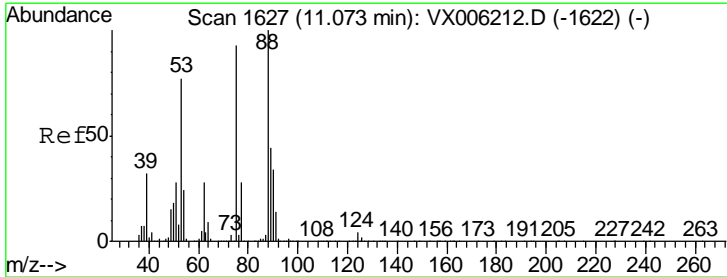
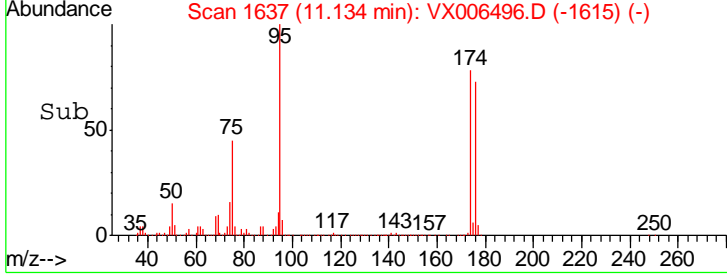
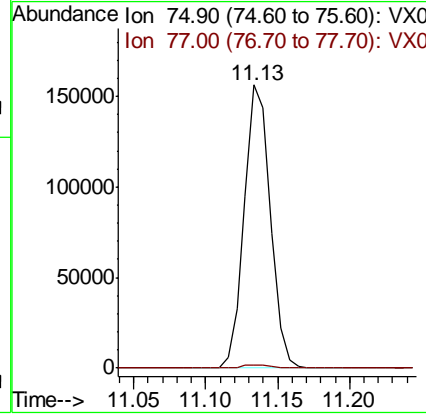
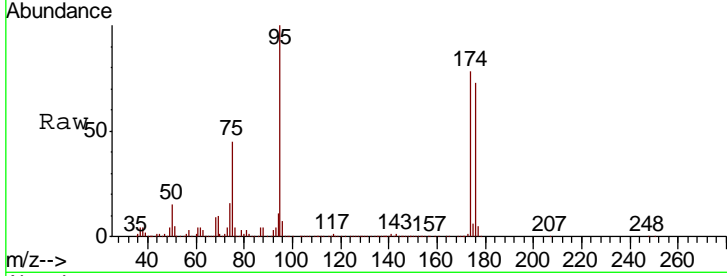




#76
 1,2,3-Trichloropropane
 Concen: 23.885 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006496.D
 Acq: 13 Dec 2018 15:44

Instrument :
 MSVOA_X
 ClientSampled :
 P001-RB-181212

Tgt Ion	Resp	Lower	Upper
75	100		
77	1.3	19.9	59.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.051 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006496.D
 Acq: 13 Dec 2018 15:44

Tgt Ion	Resp	Lower	Upper
75	100		
53	0.1	64.4	96.6#
89	0.1	44.2	66.4#

