Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121718\
Data File : VX006569.D
Acq On : 17 Dec 2018 13:39
Operator : JC/MD
Sample : J6405-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT101D1-20181212

Quant Time: Dec 18 01:08:18 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	687418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1094448	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	993086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	459996	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	375865	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.12%			
35) Dibromofluoromethane	5.51	113	331943	46.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.68%			
50) Toluene-d8	8.71	98	1289897	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.08%			
62) 4-Bromofluorobenzene	11.13	95	463500	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	6221	0.924	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	95570	14.708	ug/l	98
12) 1,1-Dichloroethene	2.38	96	34472	5.542	ug/l	94
24) 1,1-Dichloroethane	3.70	63	12198	1.112	ug/l #	94
27) cis-1,2-Dichloroethene	4.60	96	14293	1.933	ug/l	89
30) Chloroform	5.21	83	9656	0.838	ug/l	97
38) Carbon Tetrachloride	5.78	117	11485	1.059	ug/l	89
44) Trichloroethene	7.21	130	1489795	178.154	ug/l	90
49) 1,4-Dioxane	7.75	88	3968	19.231	ug/l #	86
55) 1,1,2-Trichloroethane	9.21	97	3936	0.533	ug/l	95
64) Tetrachloroethene	9.34	164	2370	0.317	ug/l #	81

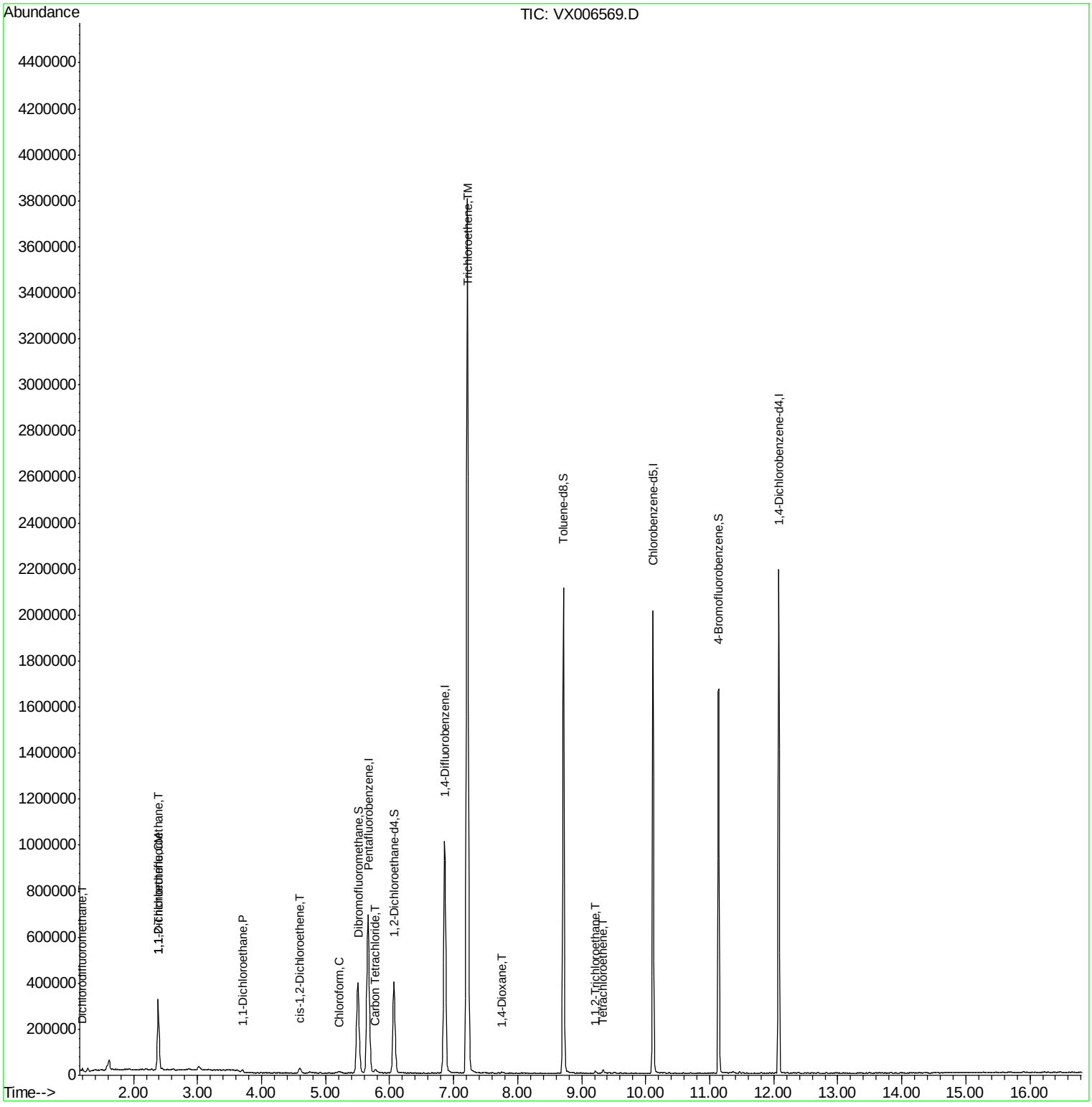
(#) = qualifier out of range (m) = manual integration (+) = signals summed

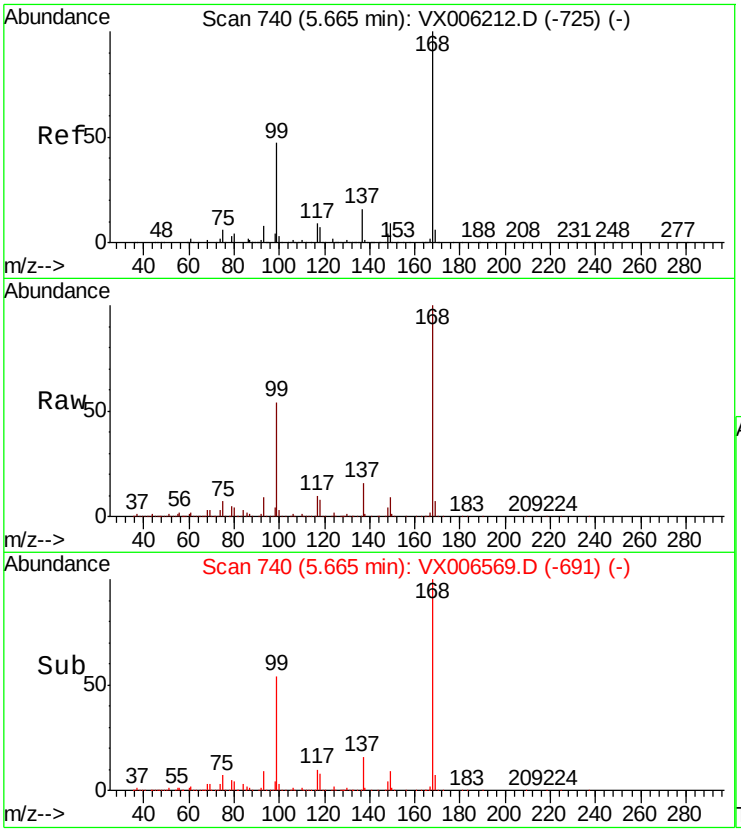
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121718\
Data File : VX006569.D
Acq On : 17 Dec 2018 13:39
Operator : JC/MD
Sample : J6405-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT101D1-20181212

Quant Time: Dec 18 01:08:18 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



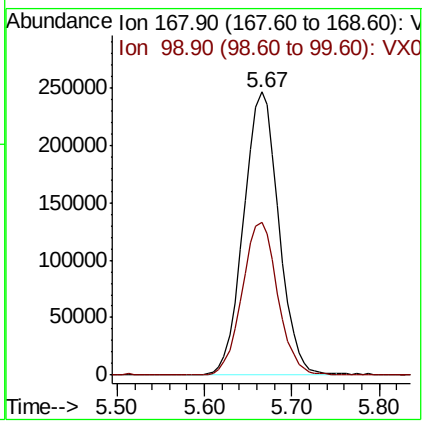


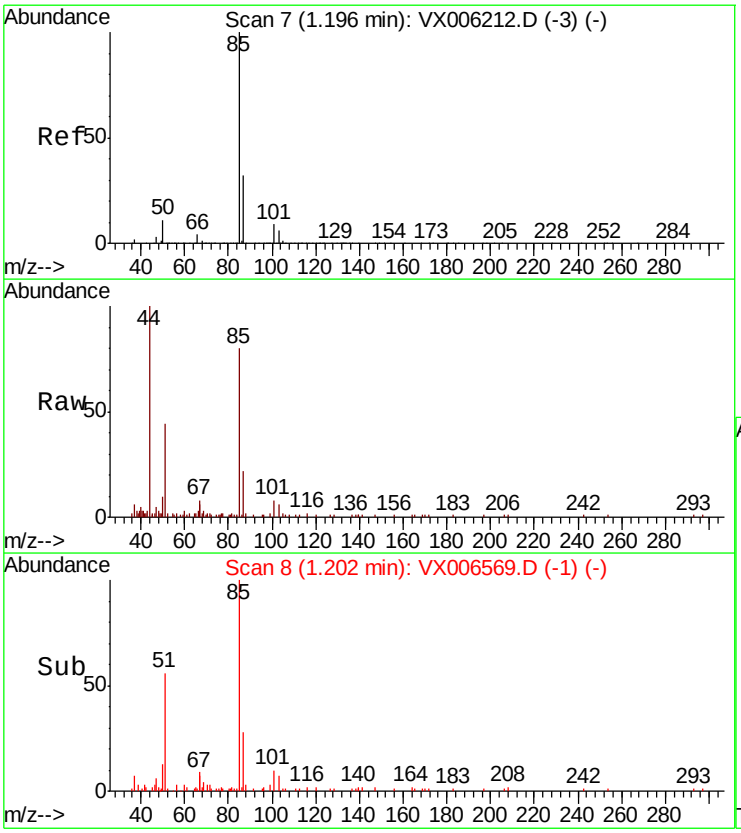
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006569.D
Acq: 17 Dec 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20181212

Tgt Ion:168 Resp: 687418

Ion	Ratio	Lower	Upper
168	100		
99	54.0	37.8	56.8

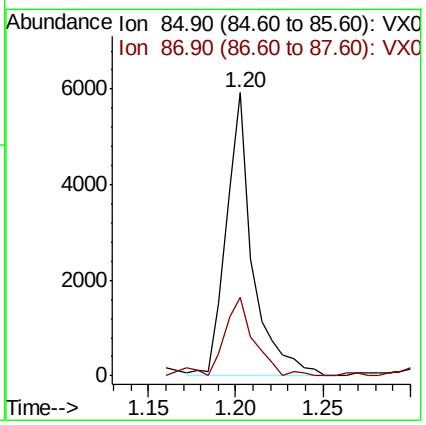


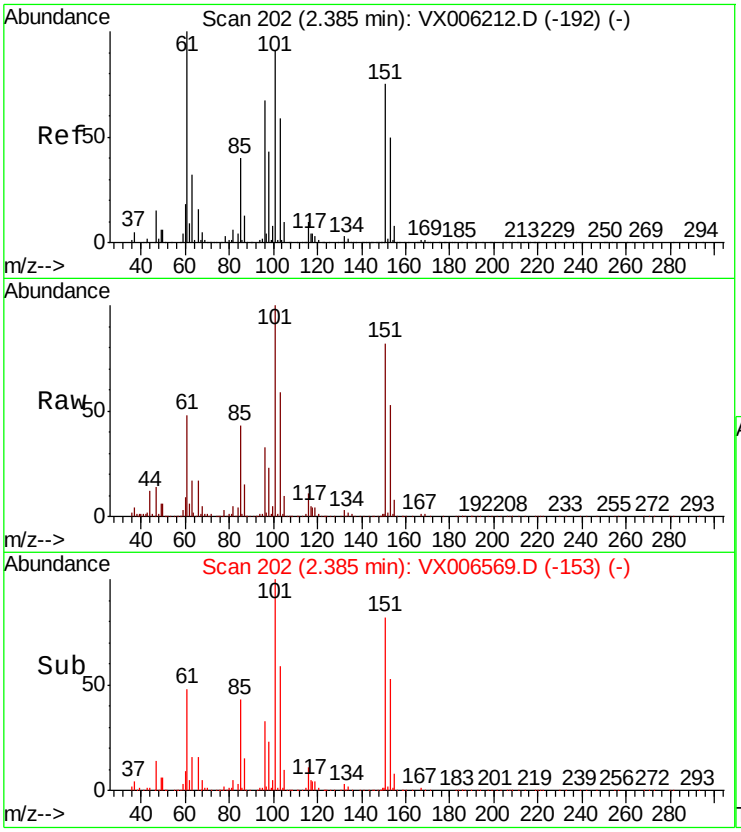


#2
Dichlorodifluoromethane
Concen: 0.924 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX006569.D
Acq: 17 Dec 2018 13:39

Tgt Ion: 85 Resp: 6221

Ion	Ratio	Lower	Upper
85	100		
87	27.7	16.1	48.2



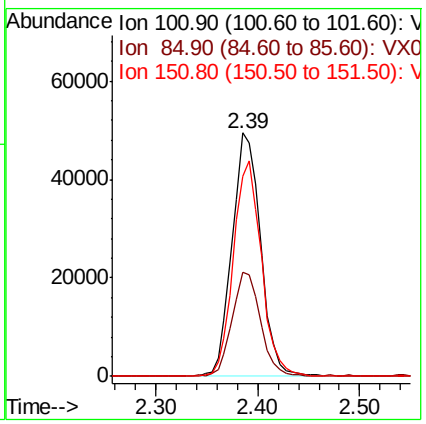


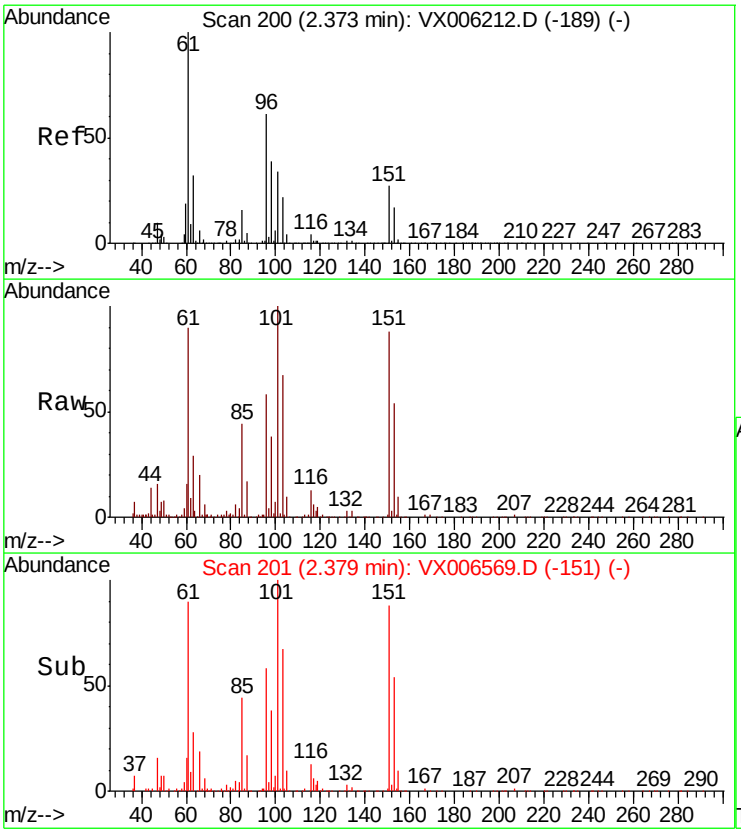
#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.708 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.00 min
Lab File: VX006569.D
Acq: 17 Dec 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20181212

Tgt Ion:101 Resp: 95570

Ion	Ratio	Lower	Upper
101	100		
85	42.6	35.5	53.3
151	86.8	68.6	103.0

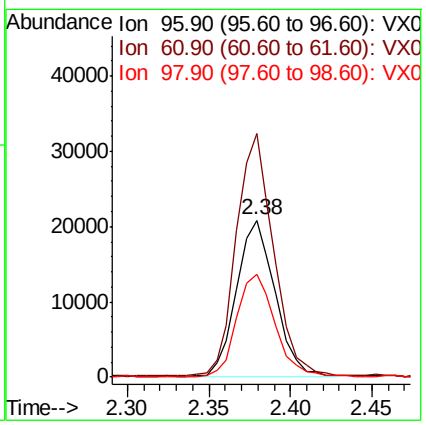


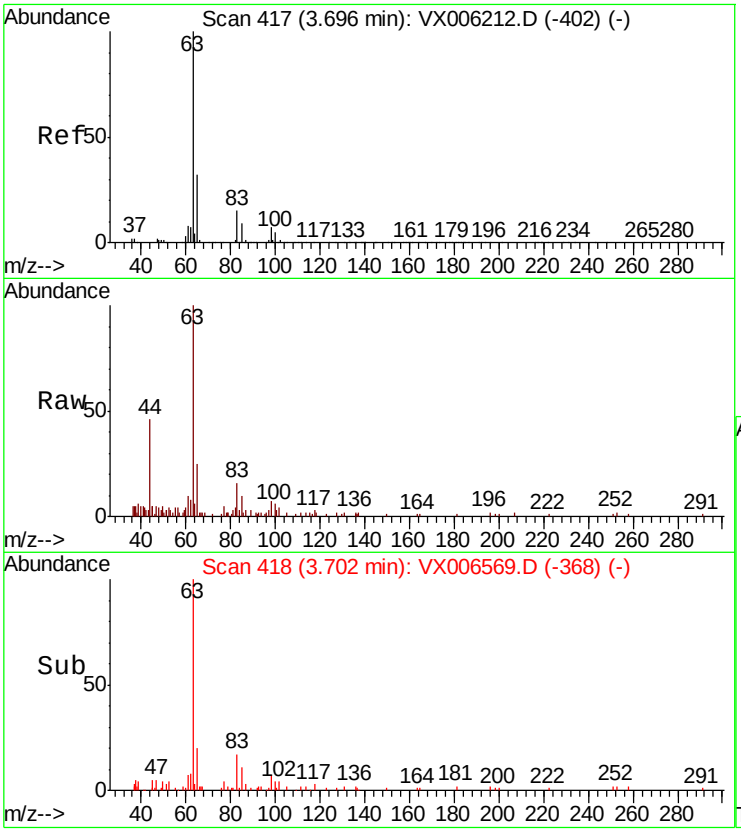


#12
1,1-Dichloroethene
Concen: 5.542 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006569.D
Acq: 17 Dec 2018 13:39

Tgt Ion: 96 Resp: 34472

Ion	Ratio	Lower	Upper
96	100		
61	154.4	131.7	197.5
98	65.2	51.8	77.6



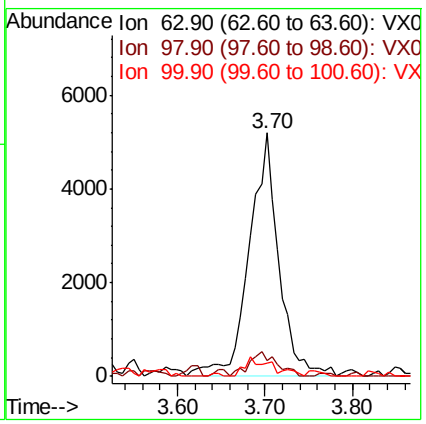


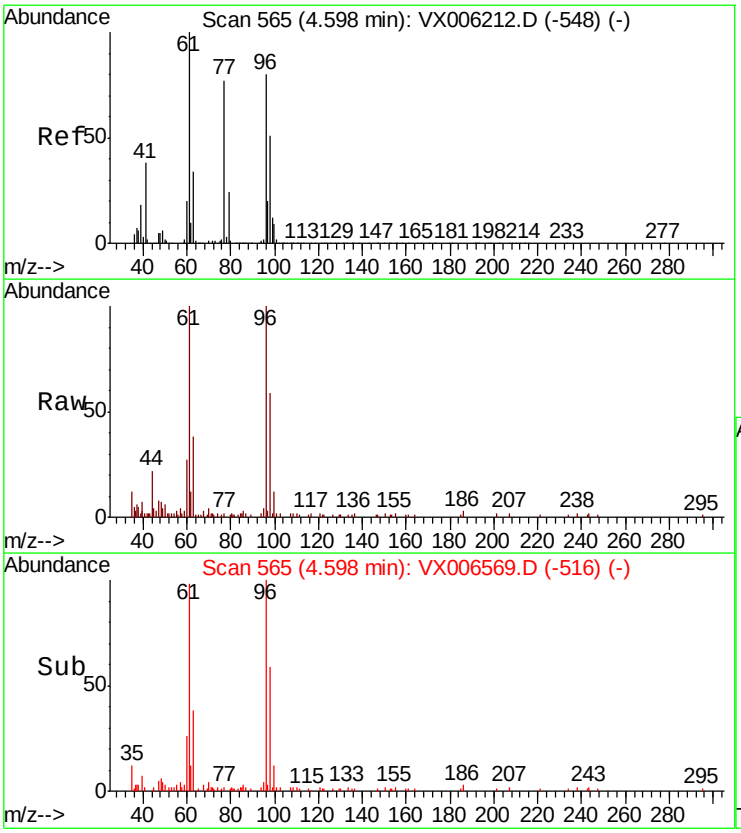
#24
1,1-Dichloroethane
Concen: 1.112 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX006569.D
Acq: 17 Dec 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20181212

Tgt Ion: 63 Resp: 12198

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.8	11.4
100	8.3	2.5	7.4#

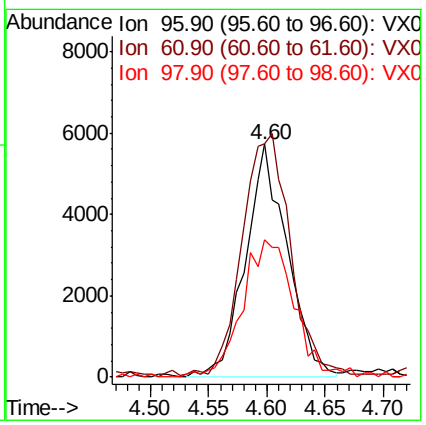


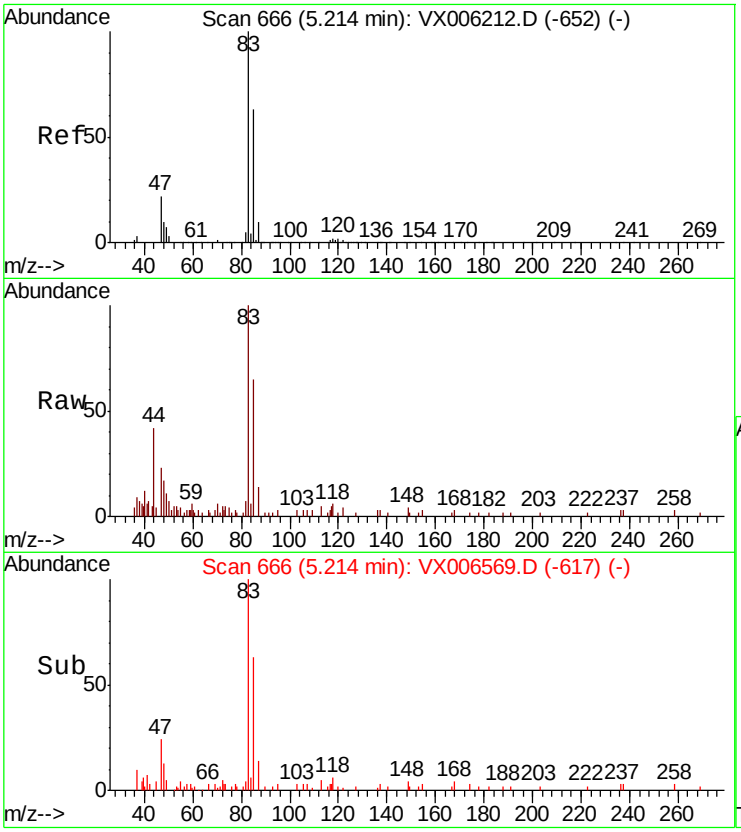


#27
cis-1,2-Dichloroethene
Concen: 1.933 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006569.D
Acq: 17 Dec 2018 13:39

Tgt Ion: 96 Resp: 14293

Ion	Ratio	Lower	Upper
96	100		
61	118.2	0.0	265.0
98	71.7	0.0	130.2



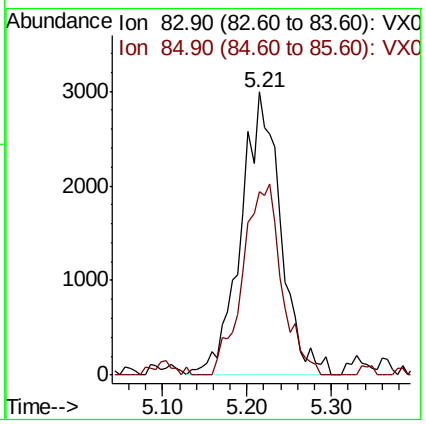


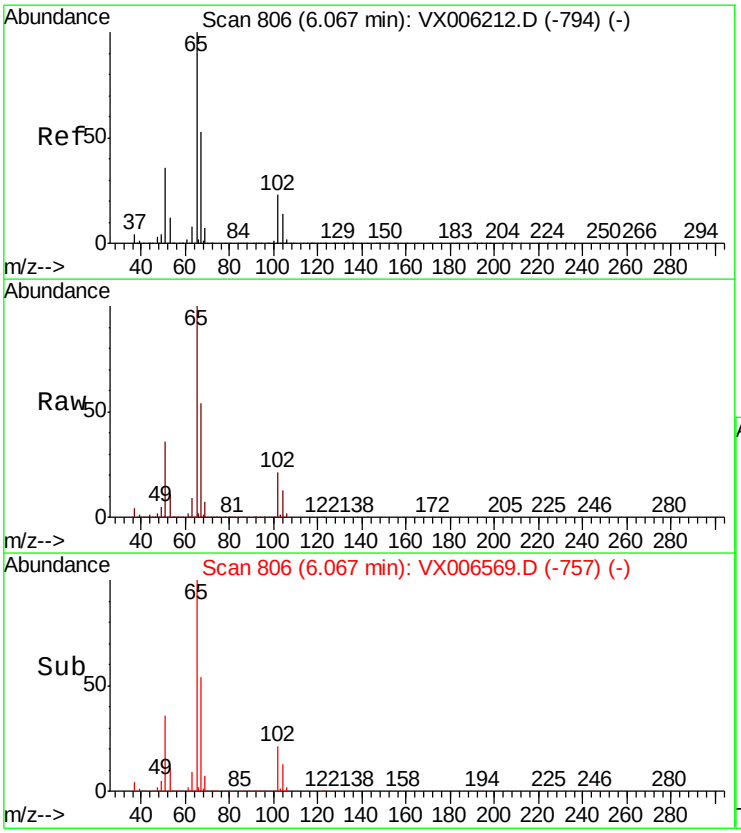
#30
Chloroform
Concen: 0.838 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006569.D
Acq: 17 Dec 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20181212

Tgt Ion: 83 Resp: 9656

Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.3	75.5

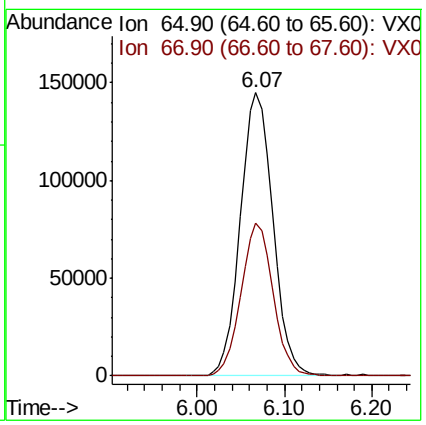


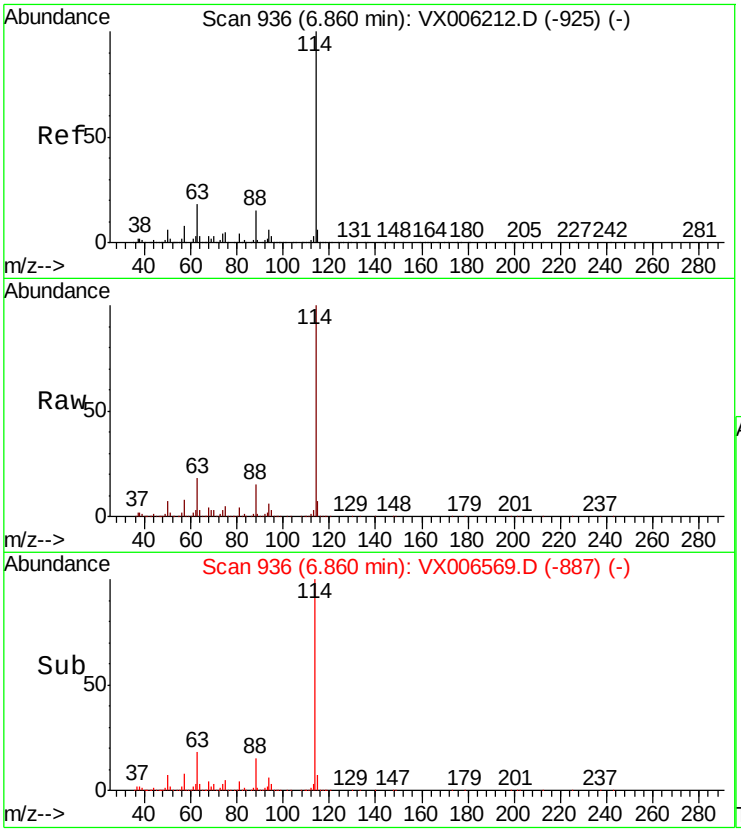


#33
1,2-Dichloroethane-d4
Concen: 53.562 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006569.D
Acq: 17 Dec 2018 13:39

Tgt Ion: 65 Resp: 375865

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.2



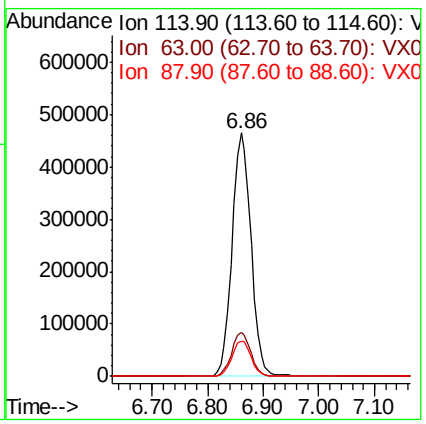


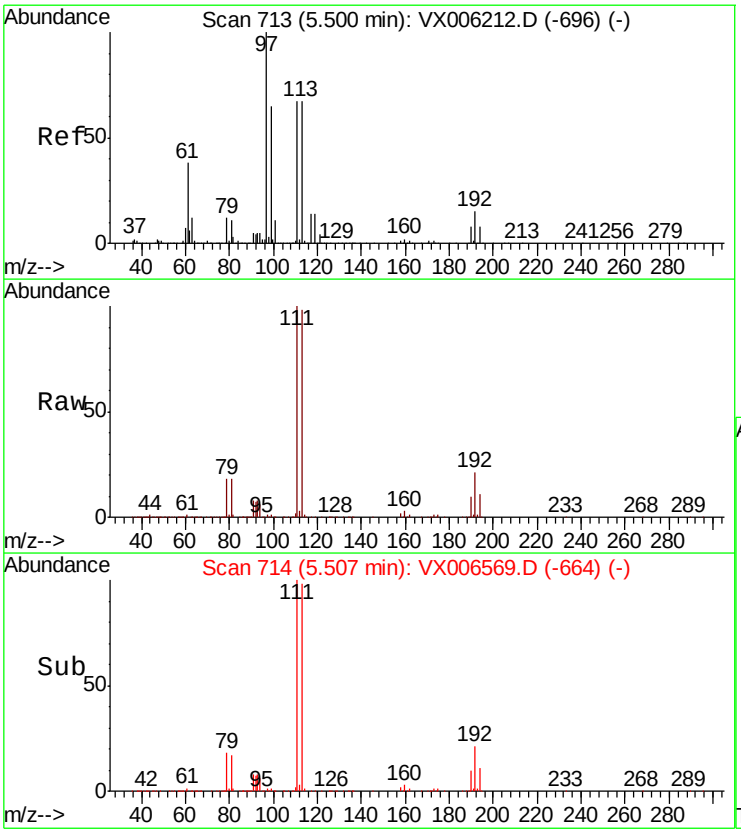
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006569.D
Acq: 17 Dec 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20181212

Tgt Ion:114 Resp: 1094448

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	36.6
88	14.5	0.0	29.0

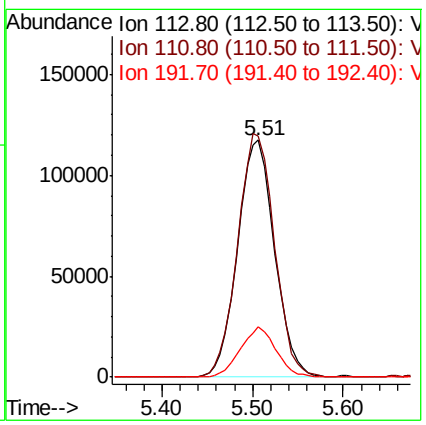


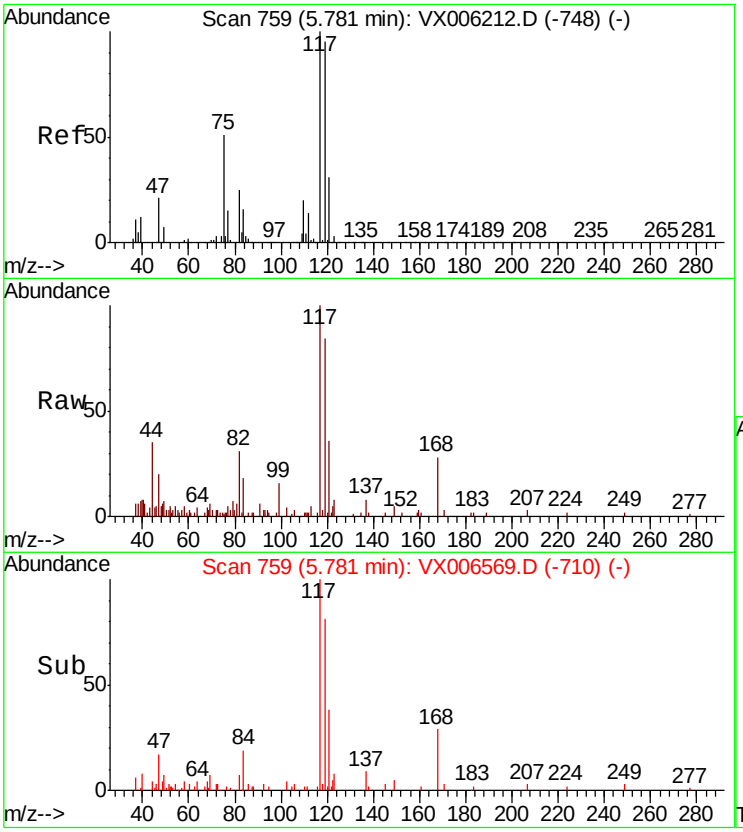


#35
Dibromofluoromethane
Concen: 46.844 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006569.D
Acq: 17 Dec 2018 13:39

Tgt Ion:113 Resp: 331943

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.1	121.7
192	20.5	18.2	27.2



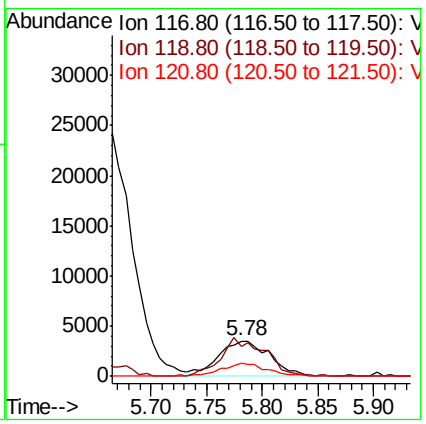


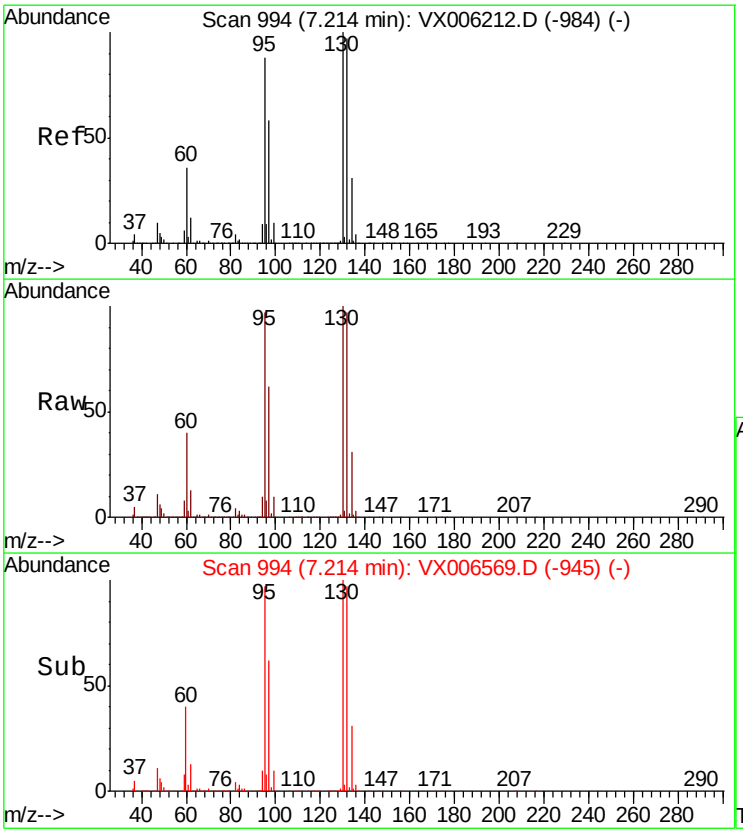
#38
Carbon Tetrachloride
Concen: 1.059 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006569.D
Acq: 17 Dec 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20181212

Tgt Ion:117 Resp: 11485

Ion	Ratio	Lower	Upper
117	100		
119	83.8	75.8	113.8
121	36.3	24.6	37.0

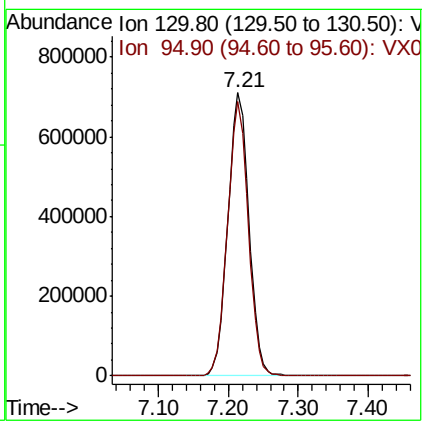


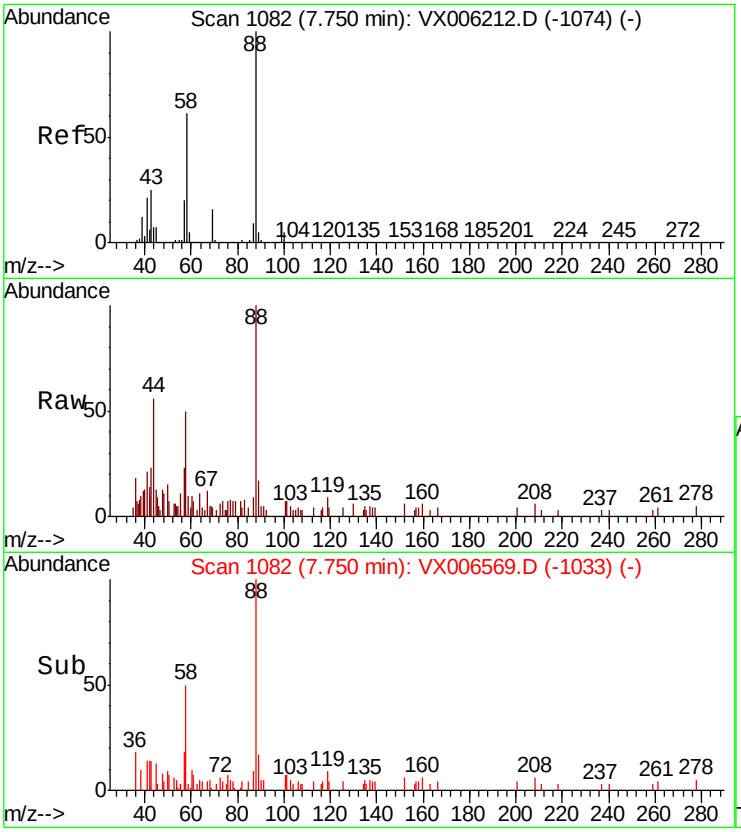


#44
Trichloroethene
Concen: 178.154 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX006569.D
Acq: 17 Dec 2018 13:39

Tgt Ion:130 Resp: 1489795

Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	175.8



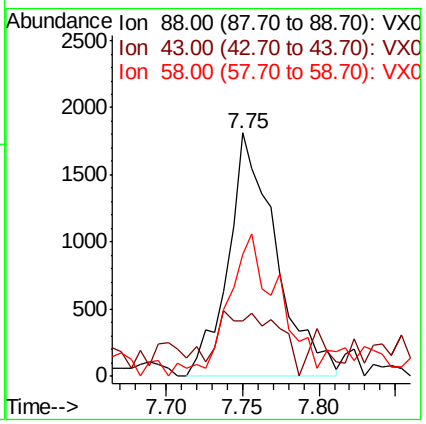


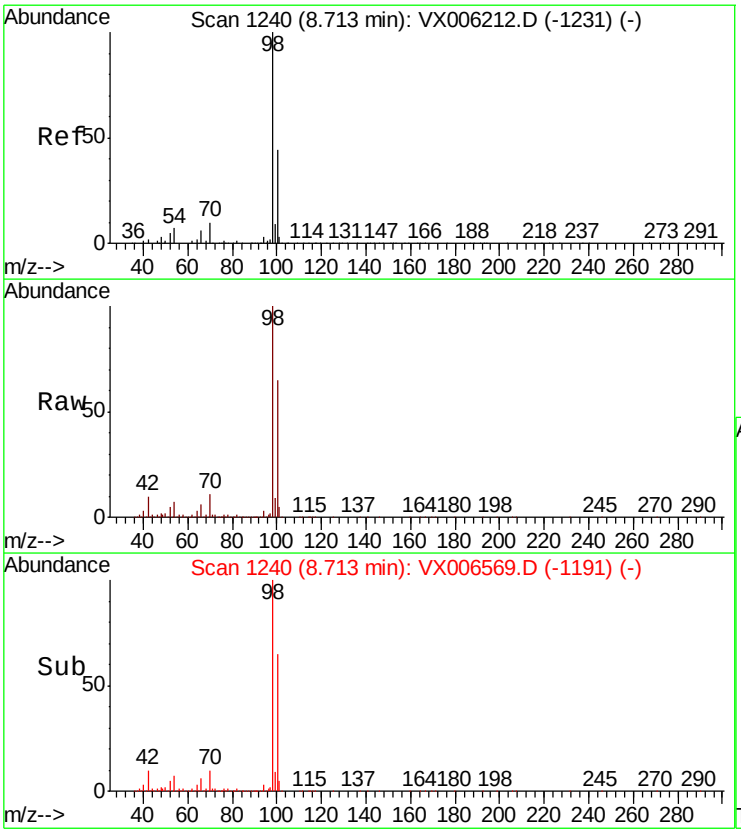
#49
1,4-Dioxane
Concen: 19.231 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006569.D
Acq: 17 Dec 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20181212

Tgt Ion: 88 Resp: 3968

Ion	Ratio	Lower	Upper
88	100		
43	10.1	23.2	34.8#
58	61.3	51.4	77.0

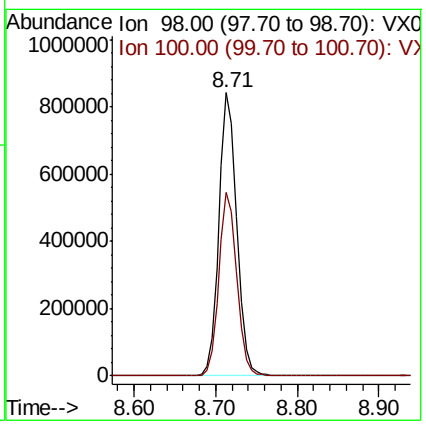


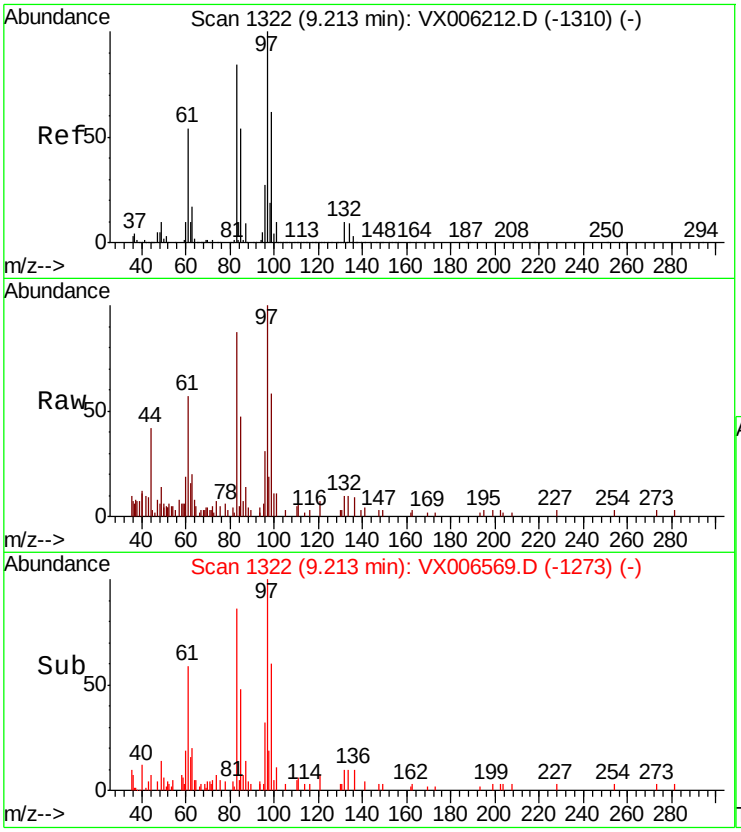


#50
Toluene-d8
Concen: 50.044 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006569.D
Acq: 17 Dec 2018 13:39

Tgt Ion: 98 Resp: 1289897

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2



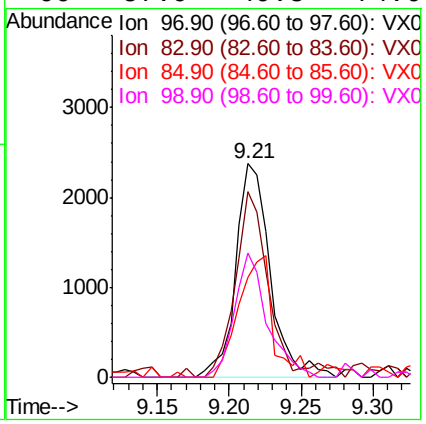


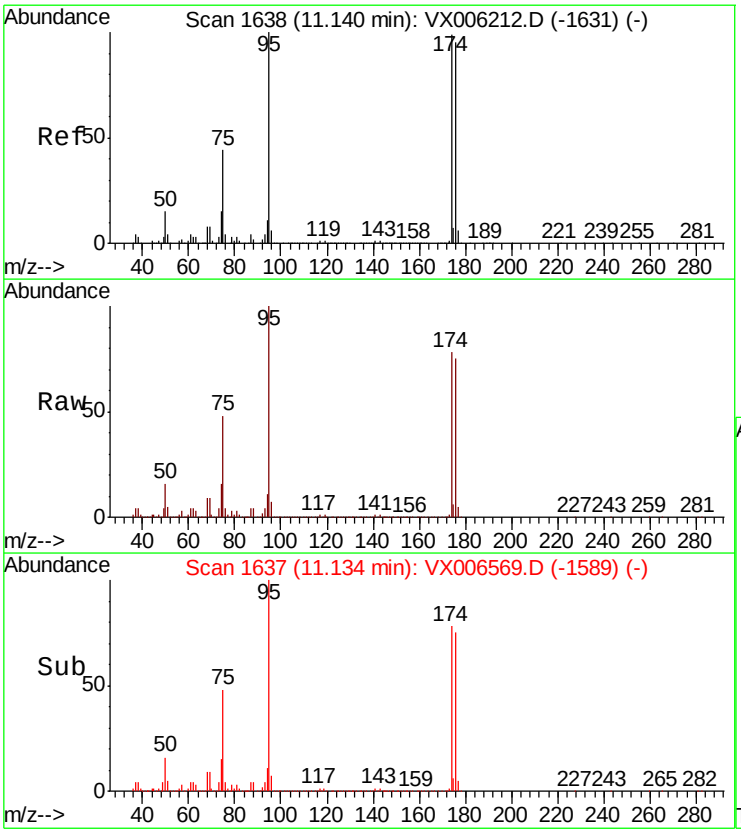
#55
1,1,2-Trichloroethane
Concen: 0.533 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX006569.D
Acq: 17 Dec 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20181212

Tgt Ion: 97 Resp: 3936

Ion	Ratio	Lower	Upper
97	100		
83	82.3	67.1	100.7
85	46.9	43.2	64.8
99	57.9	49.8	74.6

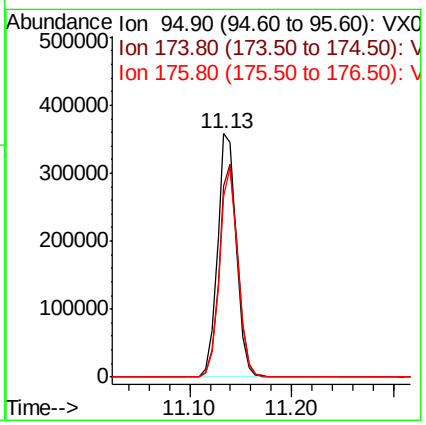


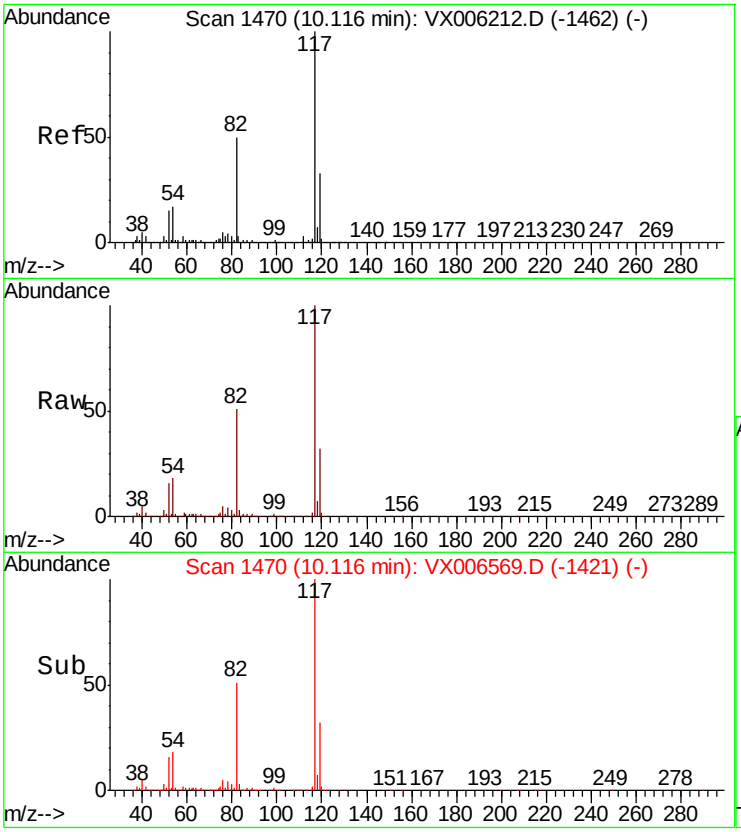


#62
4-Bromofluorobenzene
Concen: 47.720 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006569.D
Acq: 17 Dec 2018 13:39

Tgt Ion: 95 Resp: 463500

Ion	Ratio	Lower	Upper
95	100		
174	86.2	0.0	187.0
176	83.3	0.0	181.8



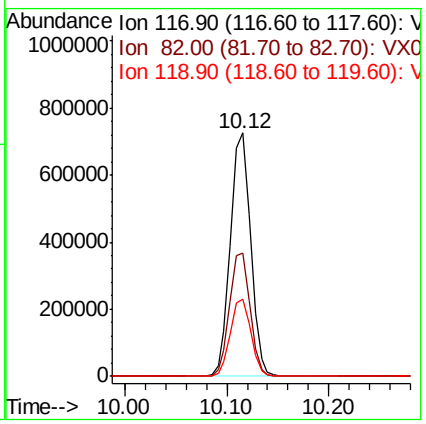


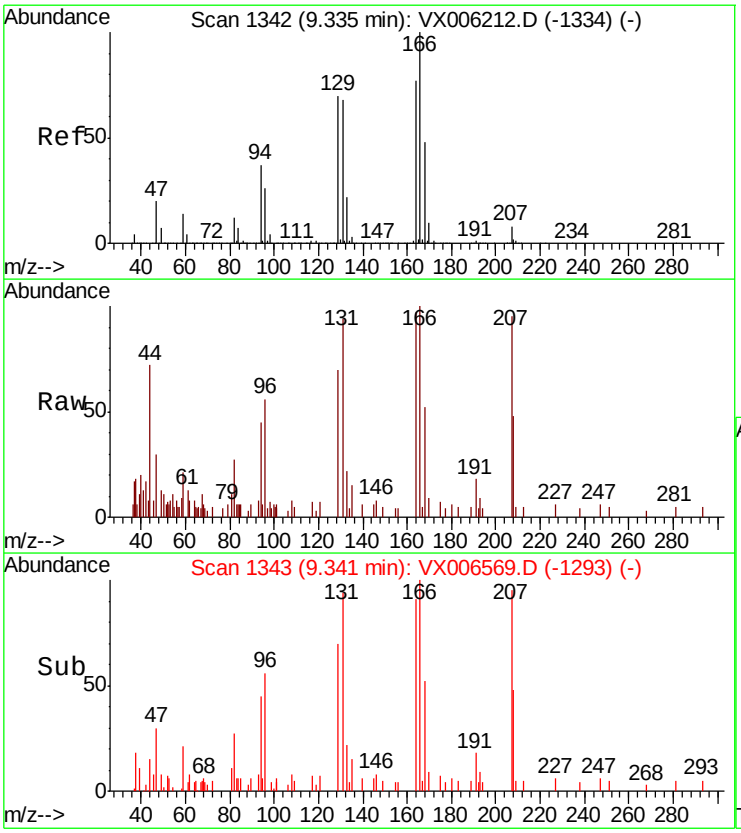
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006569.D
Acq: 17 Dec 2018 13:39

Instrument : MSVOA_X
ClientSampleId : TT101D1-20181212

Tgt Ion:117 Resp: 993086

Ion	Ratio	Lower	Upper
117	100		
82	50.8	39.6	59.4
119	31.7	26.3	39.5

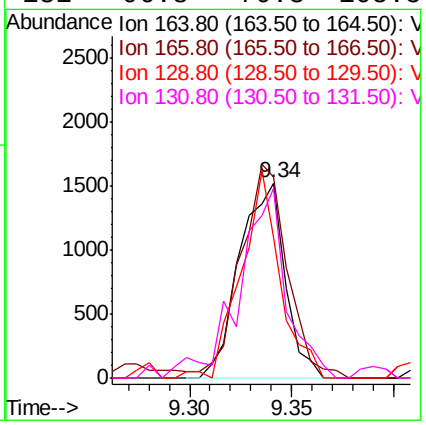


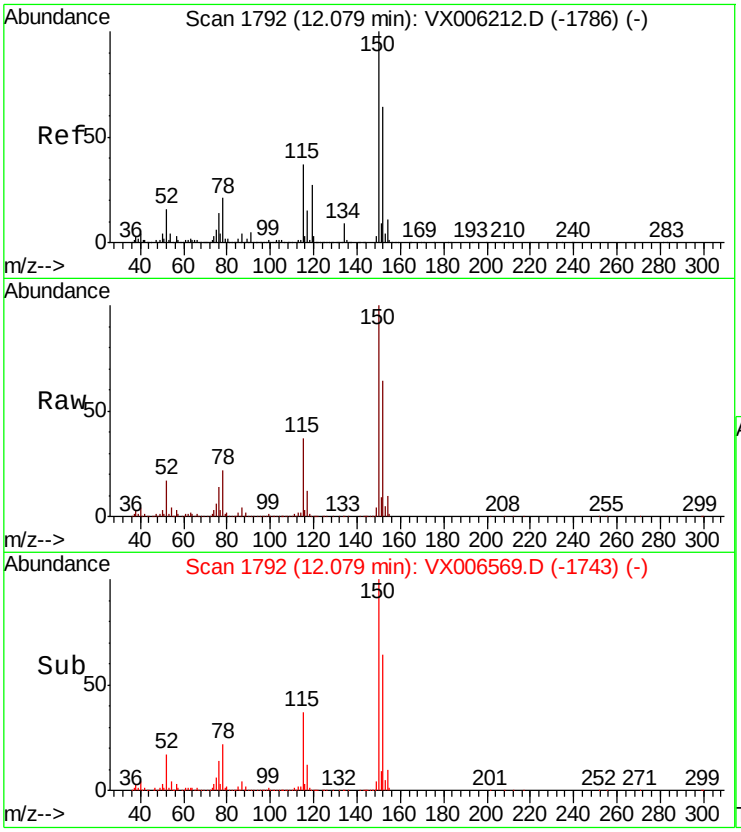


#64
Tetrachloroethene
Concen: 0.317 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX006569.D
Acq: 17 Dec 2018 13:39

Tgt Ion:164 Resp: 2370

Ion	Ratio	Lower	Upper
164	100		
166	99.9	104.2	156.2#
129	72.2	72.6	108.8#
131	96.8	70.3	105.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006569.D
Acq: 17 Dec 2018 13:39

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20181212

Tgt Ion:152 Resp: 459996

Ion	Ratio	Lower	Upper
152	100		
115	57.8	39.0	116.9
150	157.1	0.0	345.8