Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121718\
Data File : VX006571.D
Acq On : 17 Dec 2018 14:32
Operator : JC/MD
Sample : J6405-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE105D2-20181210

Quant Time: Dec 18 01:15:59 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	679889	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	1068015	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	975496	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	457312	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	371902	53.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.16%				
35) Dibromofluoromethane	5.50	113	324995	47.00	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.00%				
50) Toluene-d8	8.71	98	1266992	50.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.74%				
62) 4-Bromofluorobenzene	11.13	95	463900	48.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.88%				
Target Compounds							Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	107634	16.748	ug/l		98
12) 1,1-Dichloroethene	2.38	96	48607	7.901	ug/l		86
16) Acetone	2.45	43	3737	1.147	ug/l	#	66
24) 1,1-Dichloroethane	3.70	63	16148	1.488	ug/l		98
27) cis-1,2-Dichloroethene	4.60	96	27330	3.737	ug/l		91
30) Chloroform	5.21	83	14637	1.284	ug/l		98
38) Carbon Tetrachloride	5.79	117	16850	1.593	ug/l	#	91
44) Trichloroethene	7.22	130	14466424	1772.753	ug/l		92
49) 1,4-Dioxane	7.76	88	4158	20.651	ug/l	#	83
55) 1,1,2-Trichloroethane	9.21	97	6888	0.957	ug/l		93
64) Tetrachloroethene	9.34	164	25311	3.445	ug/l		96

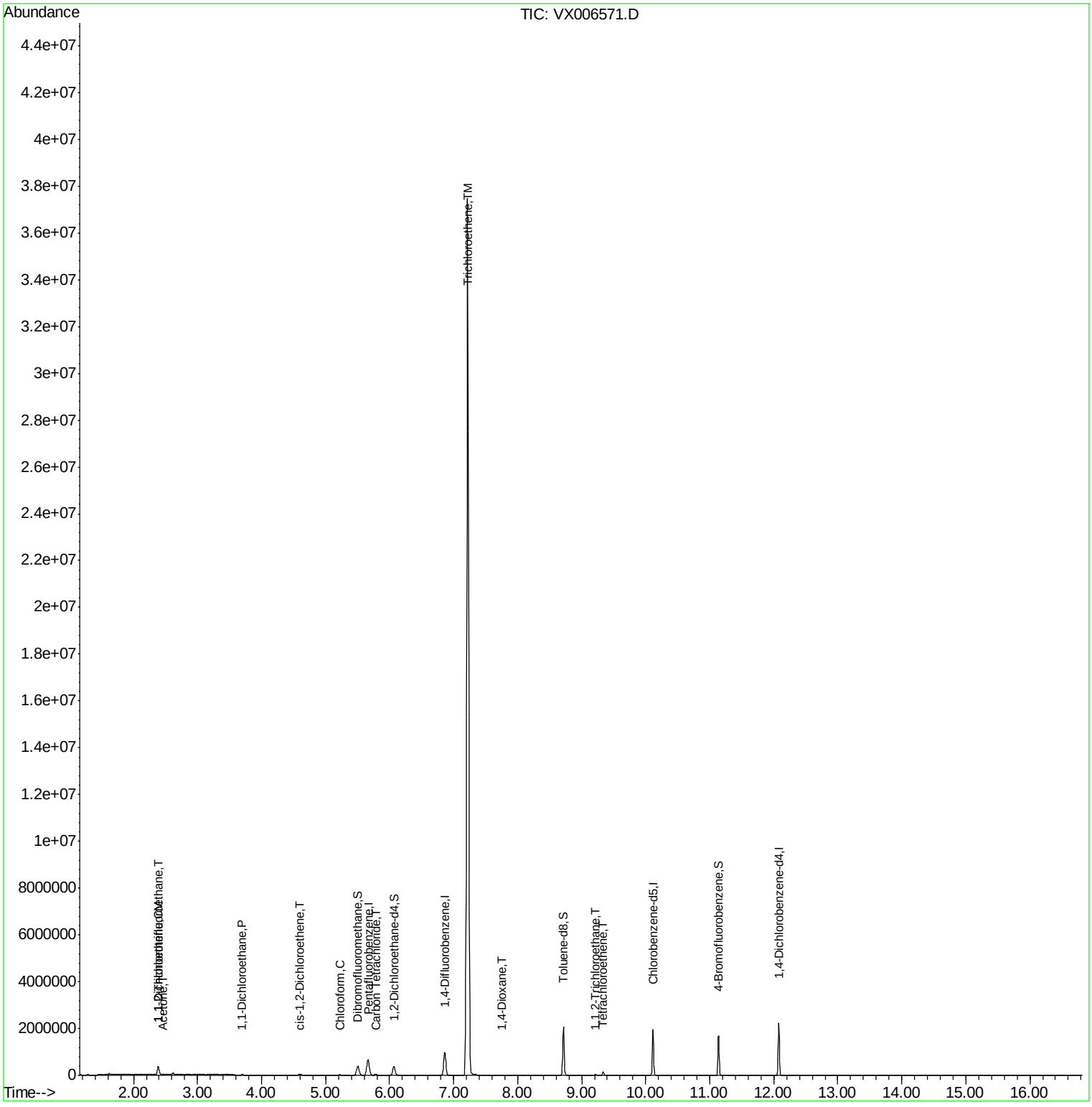
(#) = qualifier out of range (m) = manual integration (+) = signals summed

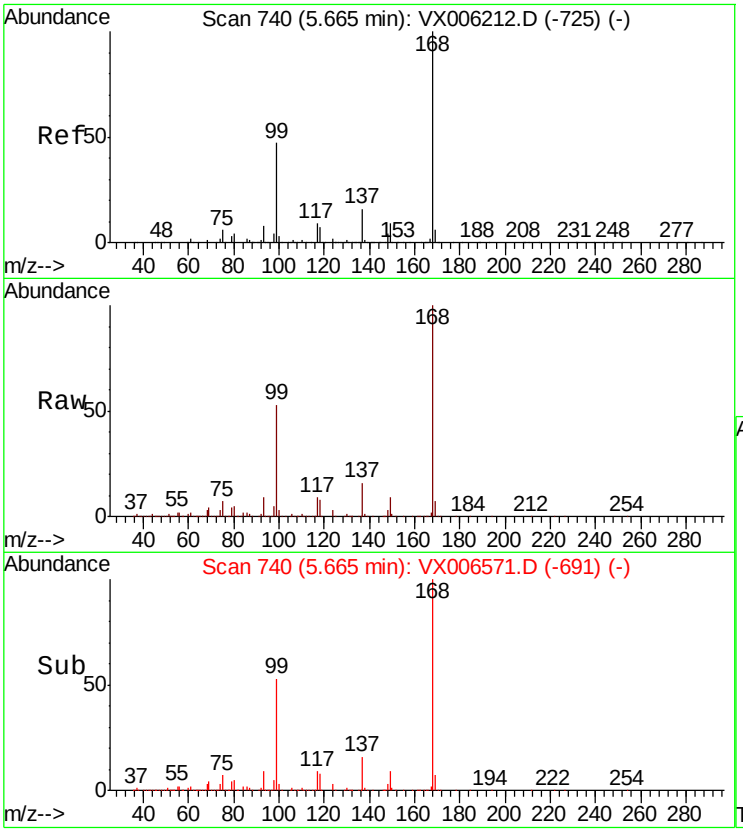
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121718\
Data File : VX006571.D
Acq On : 17 Dec 2018 14:32
Operator : JC/MD
Sample : J6405-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20181210

Quant Time: Dec 18 01:15:59 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



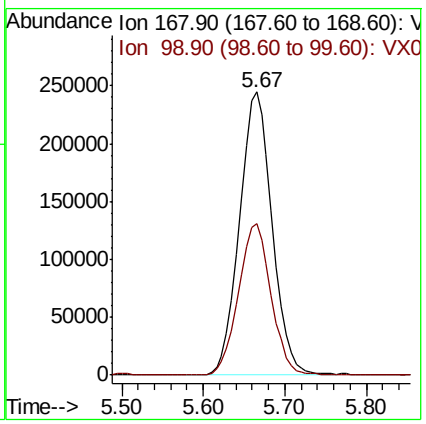


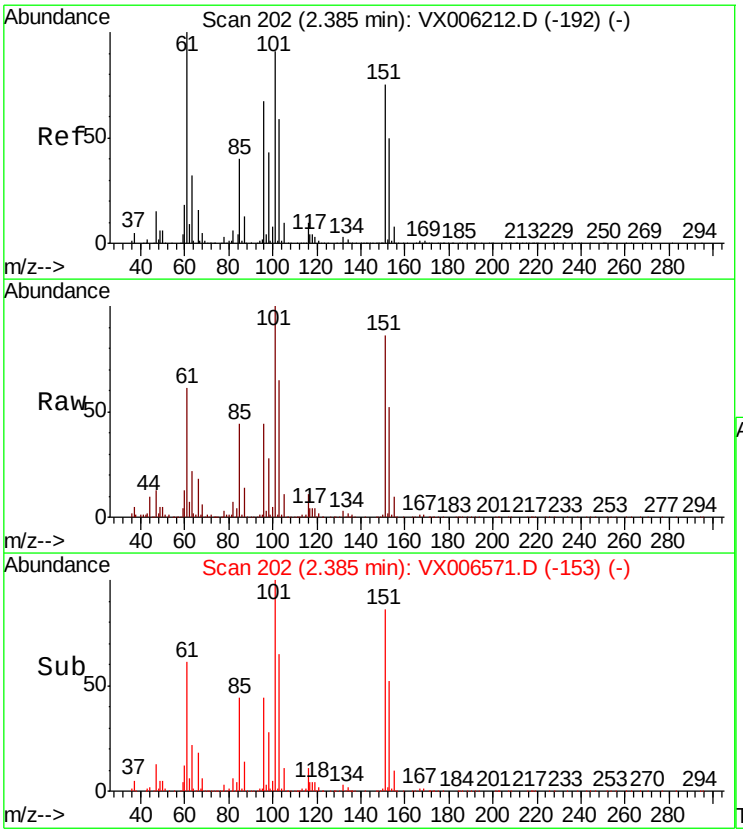
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX006571.D
Acq: 17 Dec 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20181210

Tgt Ion:168 Resp: 679889

Ion	Ratio	Lower	Upper
168	100		
99	53.4	37.8	56.8

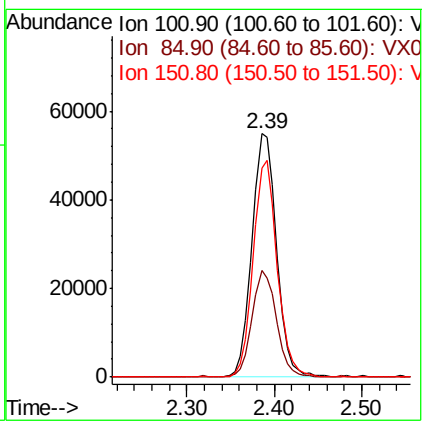


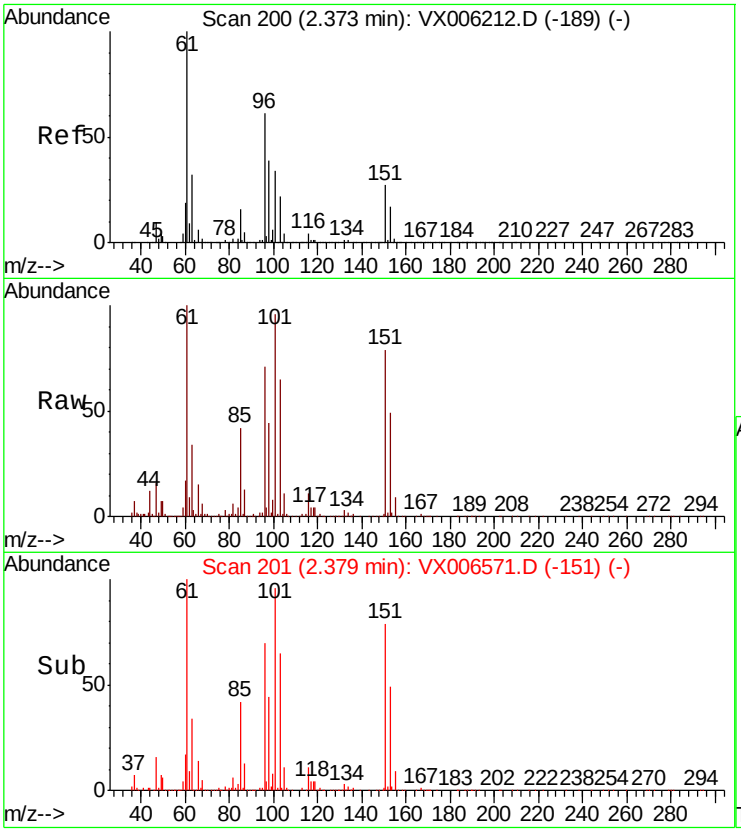


#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.748 ug/l
RT: 2.39 min Scan# 202
Delta R.T. -0.00 min
Lab File: VX006571.D
Acq: 17 Dec 2018 14:32

Tgt Ion:101 Resp: 107634

Ion	Ratio	Lower	Upper
101	100		
85	42.7	35.5	53.3
151	86.7	68.6	103.0



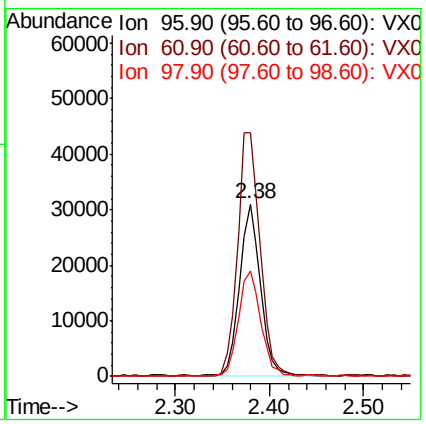


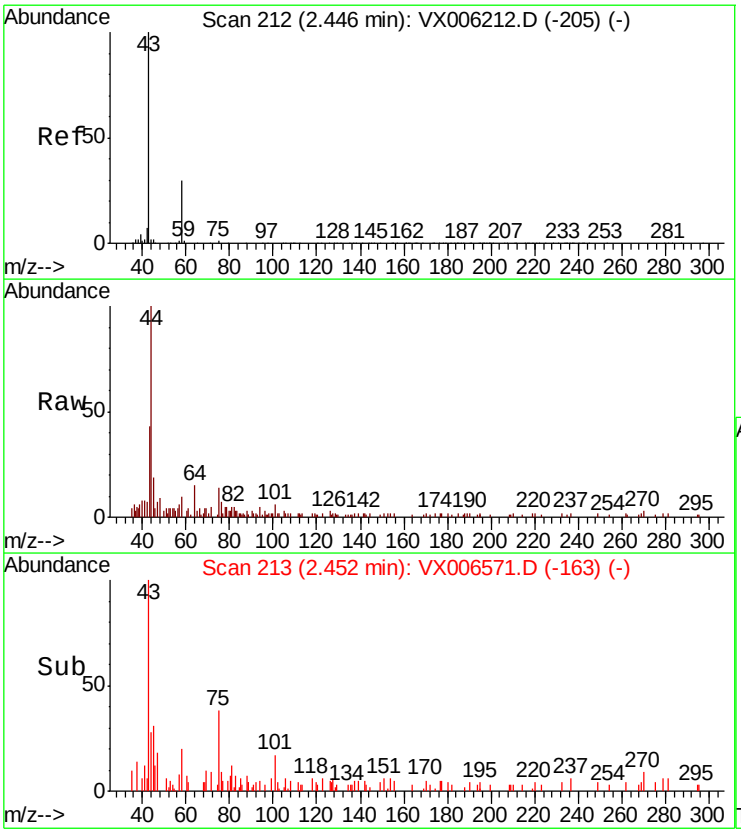
#12
1,1-Dichloroethene
Concen: 7.901 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006571.D
Acq: 17 Dec 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20181210

Tgt Ion: 96 Resp: 48607

Ion	Ratio	Lower	Upper
96	100		
61	140.8	131.7	197.5
98	61.3	51.8	77.6

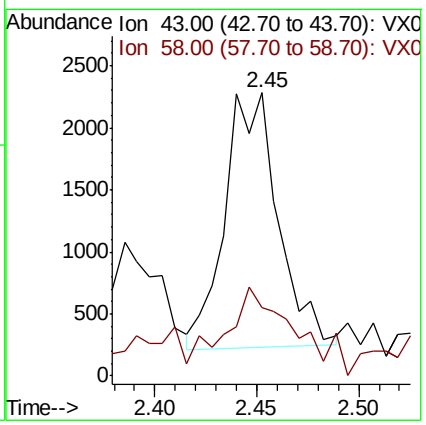


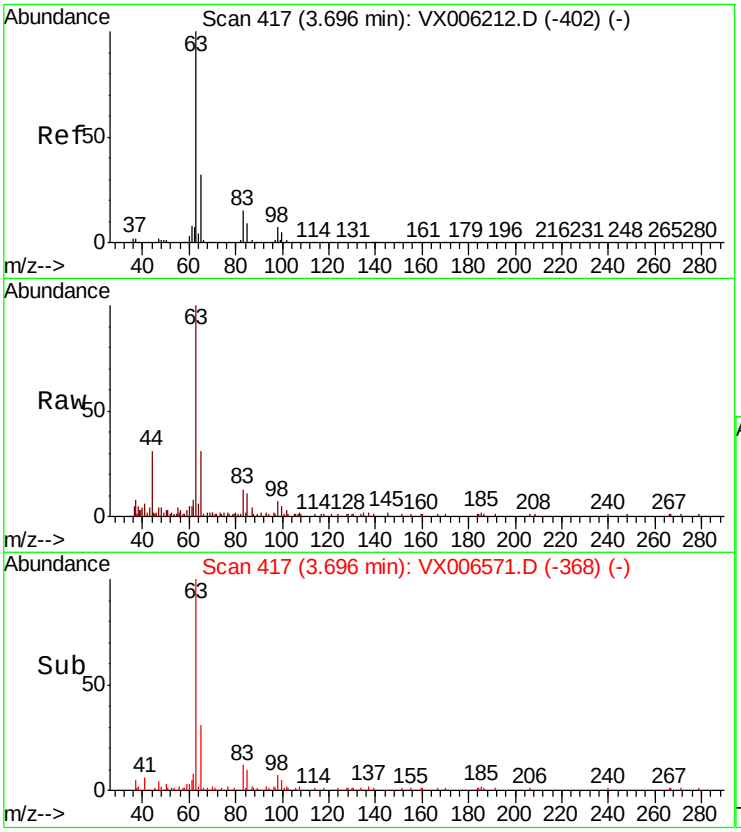


#16
Acetone
Concen: 1.147 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX006571.D
Acq: 17 Dec 2018 14:32

Tgt Ion: 43 Resp: 3737

Ion	Ratio	Lower	Upper
43	100		
58	11.8	24.0	36.0#



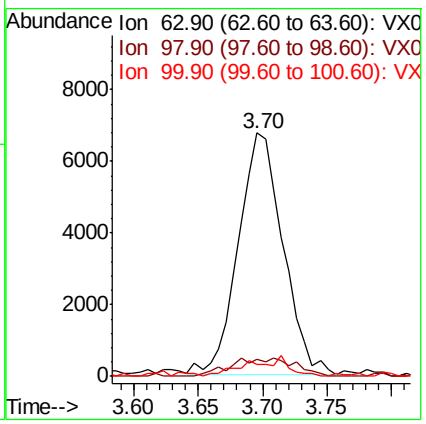


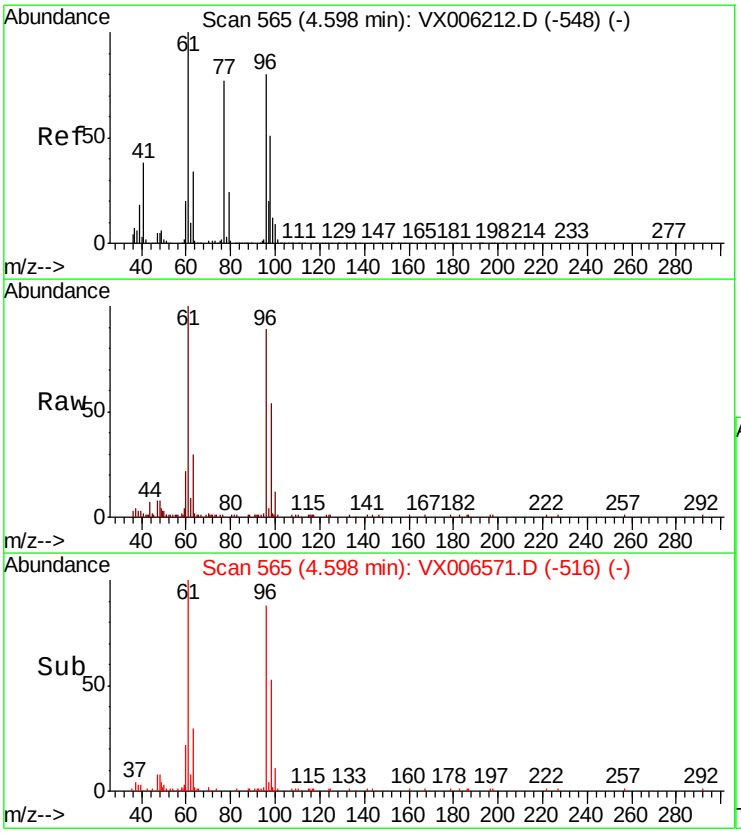
#24
1,1-Dichloroethane
Concen: 1.488 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX006571.D
Acq: 17 Dec 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20181210

Tgt Ion: 63 Resp: 16148

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.8	11.4
100	3.7	2.5	7.4

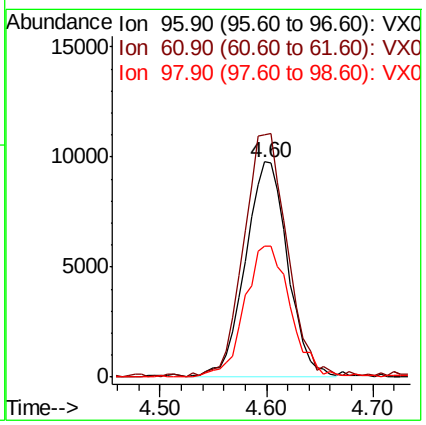


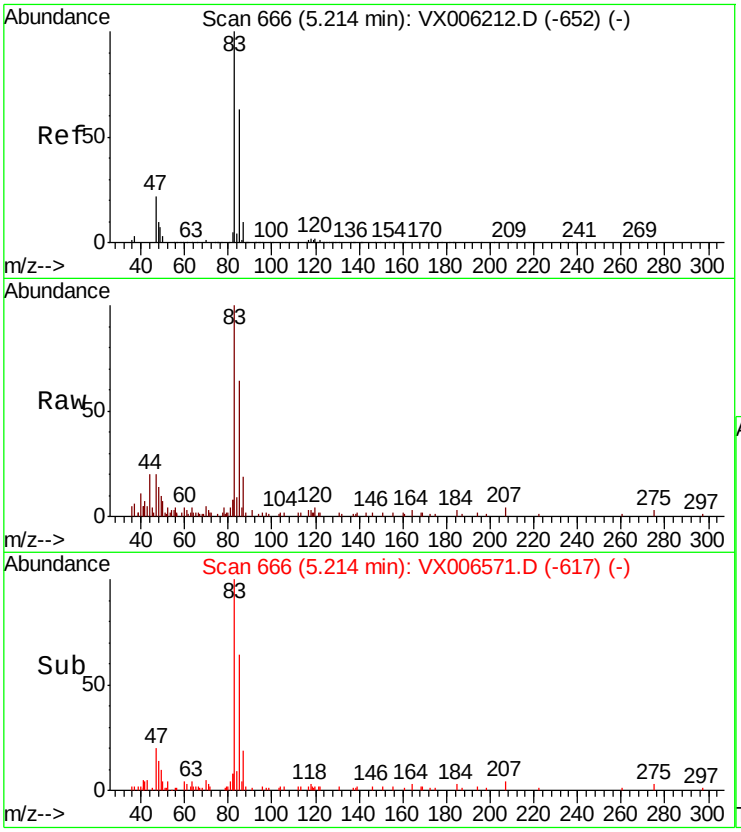


#27
cis-1,2-Dichloroethene
Concen: 3.737 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006571.D
Acq: 17 Dec 2018 14:32

Tgt Ion: 96 Resp: 27330

Ion	Ratio	Lower	Upper
96	100		
61	115.9	0.0	265.0
98	65.1	0.0	130.2



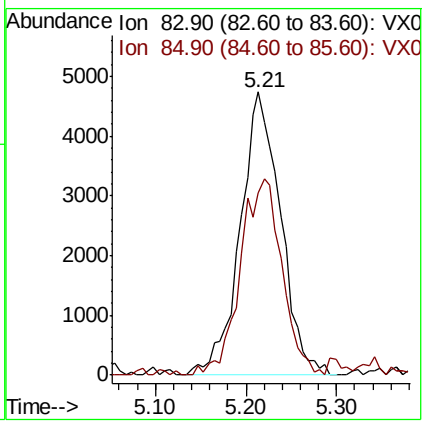


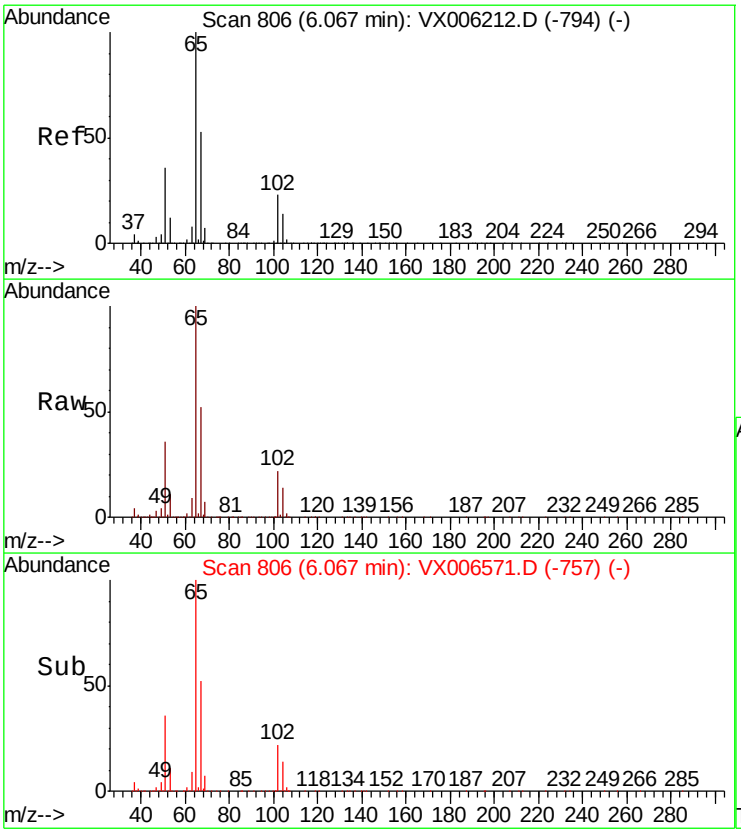
#30
Chloroform
Concen: 1.284 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006571.D
Acq: 17 Dec 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20181210

Tgt Ion: 83 Resp: 14637

Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.3	75.5

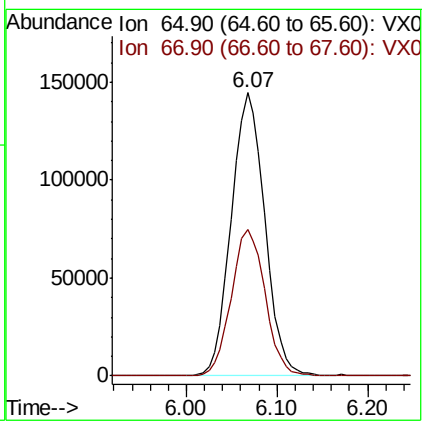


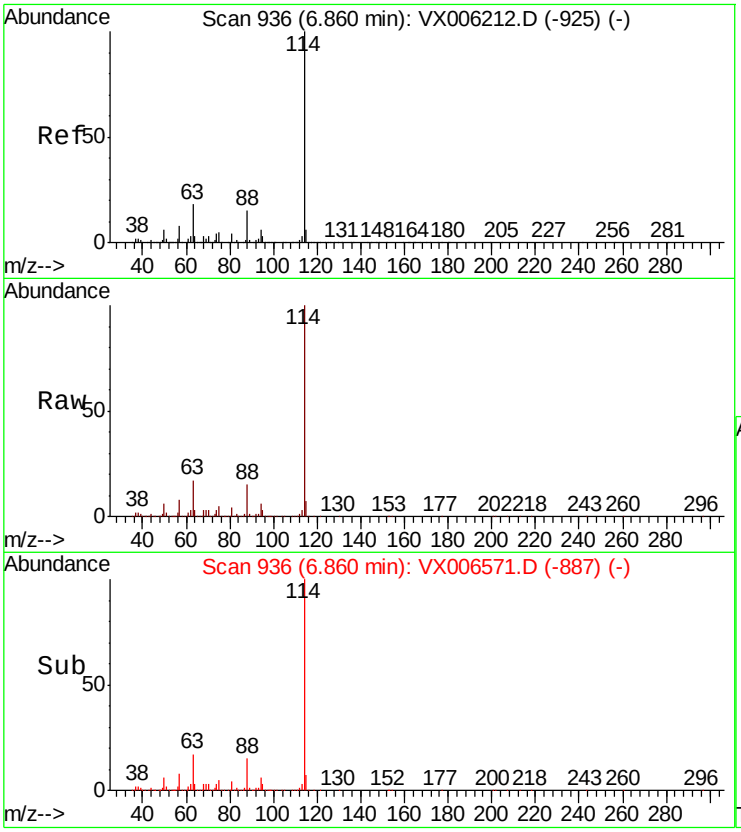


#33
1,2-Dichloroethane-d4
Concen: 53.584 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006571.D
Acq: 17 Dec 2018 14:32

Tgt Ion: 65 Resp: 371902

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	107.2



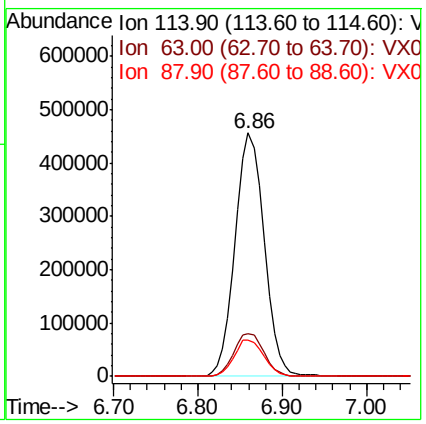


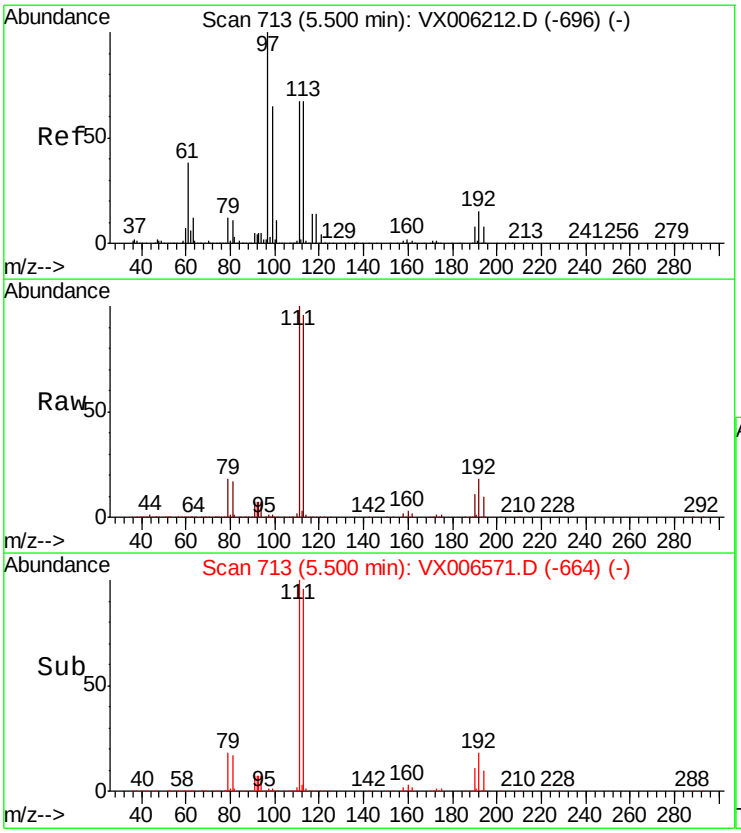
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006571.D
Acq: 17 Dec 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20181210

Tgt Ion:114 Resp: 1068015

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	36.6
88	14.8	0.0	29.0

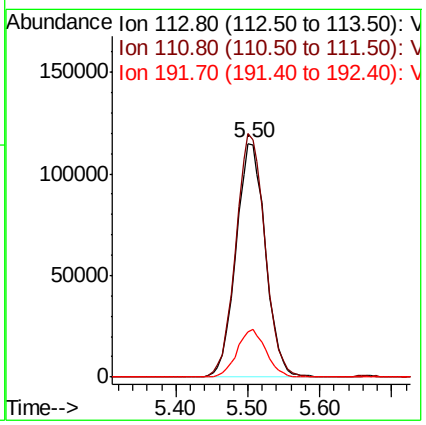


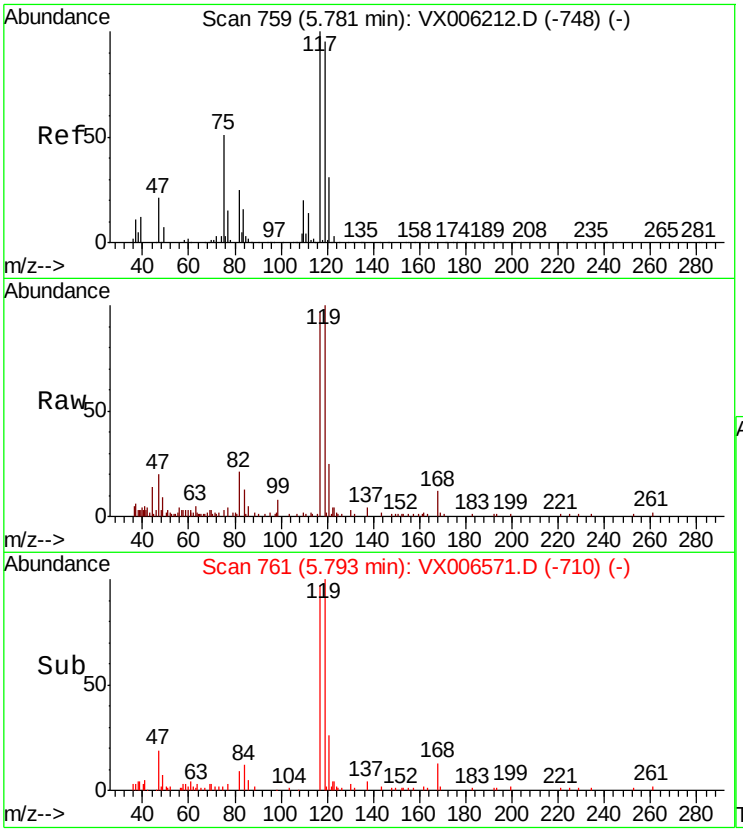


#35
Dibromofluoromethane
Concen: 46.999 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX006571.D
Acq: 17 Dec 2018 14:32

Tgt Ion:113 Resp: 324995

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.1	121.7
192	20.0	18.2	27.2



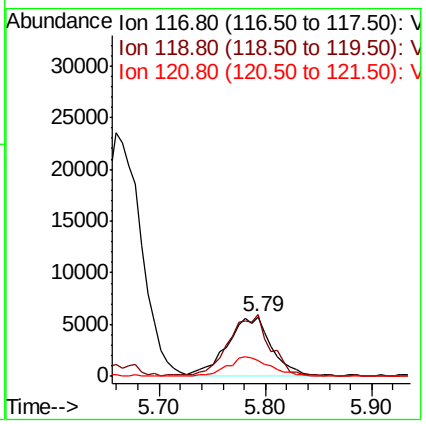


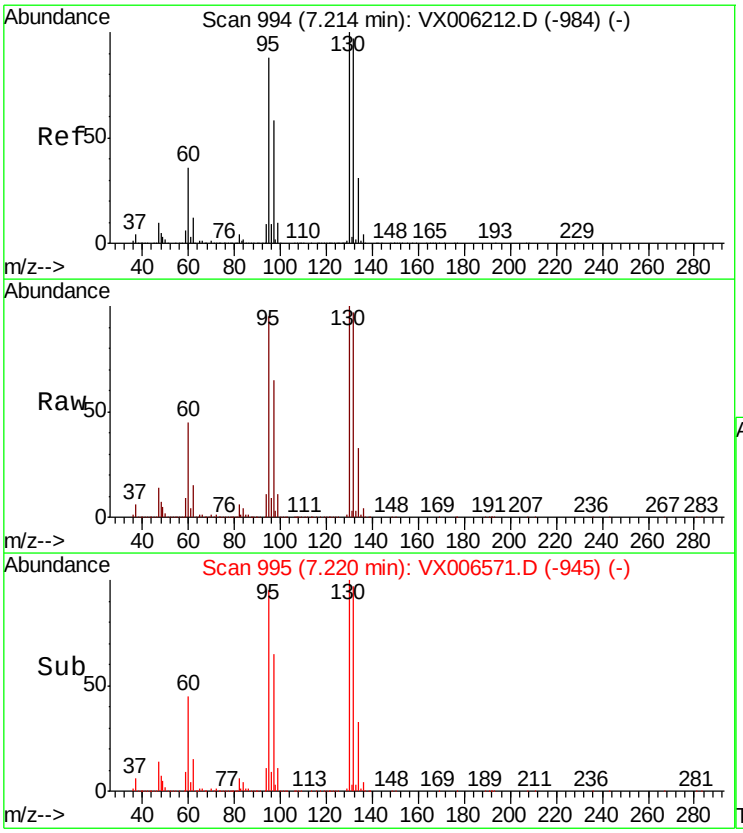
#38
Carbon Tetrachloride
Concen: 1.593 ug/l
RT: 5.79 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX006571.D
Acq: 17 Dec 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20181210

Tgt Ion:117 Resp: 16850

Ion	Ratio	Lower	Upper
117	100		
119	101.8	75.8	113.8
121	23.8	24.6	37.0#

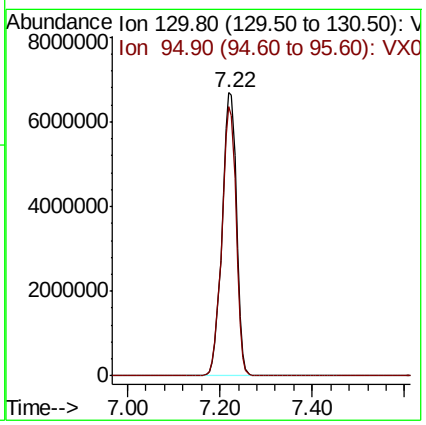


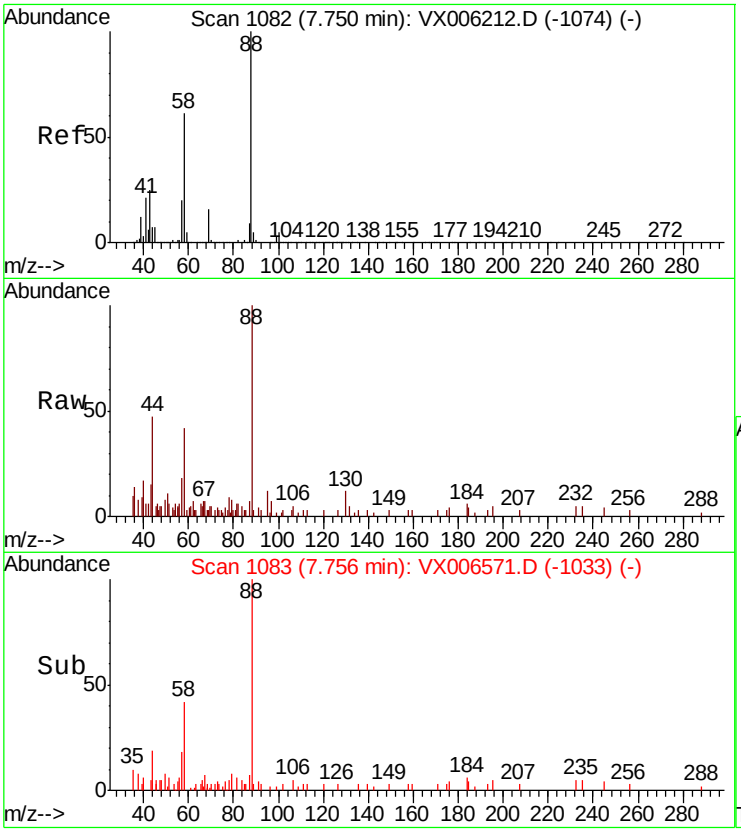


#44
Trichloroethene
Concen: 1772.753 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX006571.D
Acq: 17 Dec 2018 14:32

Tgt Ion:130 Resp:14466424

Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	175.8



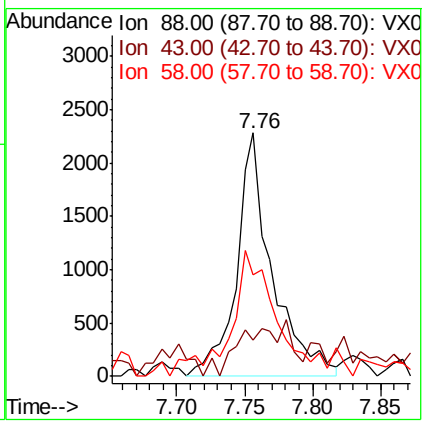


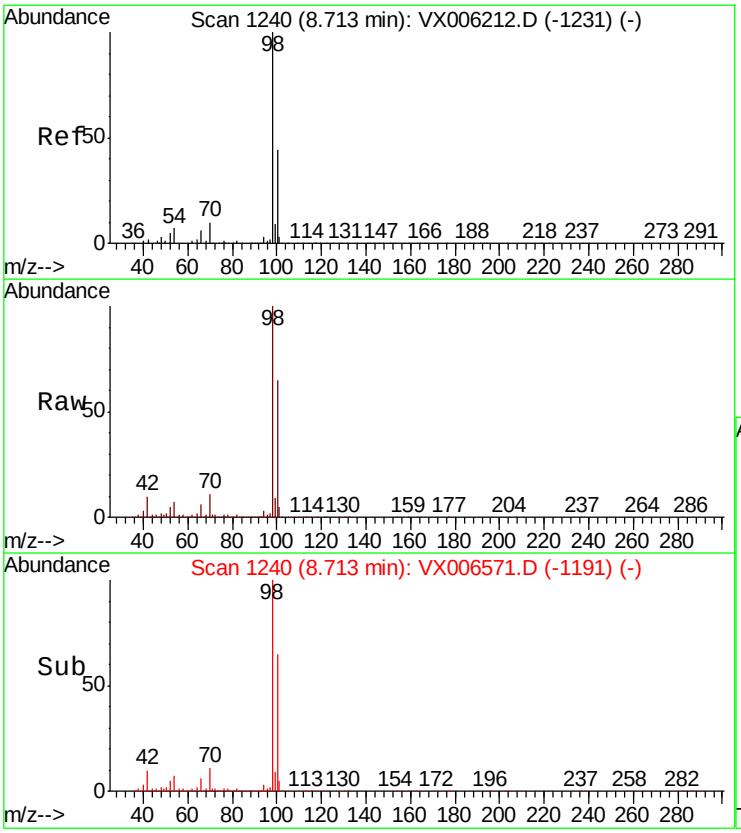
#49
1,4-Dioxane
Concen: 20.651 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006571.D
Acq: 17 Dec 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20181210

Tgt Ion: 88 Resp: 4158

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	63.9	51.4	77.0

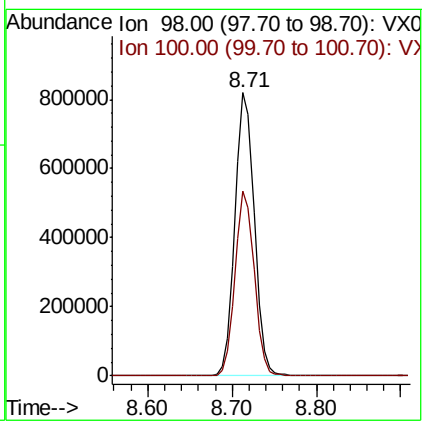


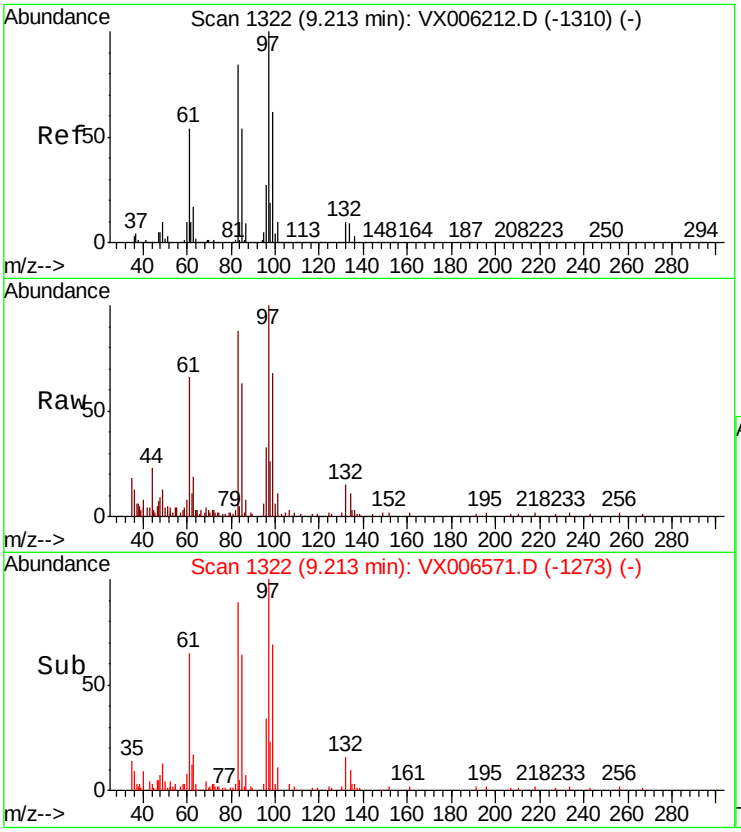


#50
Toluene-d8
Concen: 50.372 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006571.D
Acq: 17 Dec 2018 14:32

Tgt Ion: 98 Resp: 1266992

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2



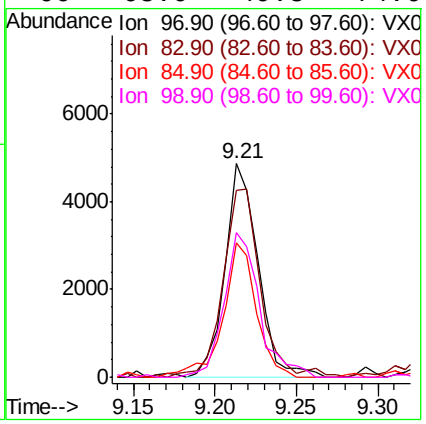


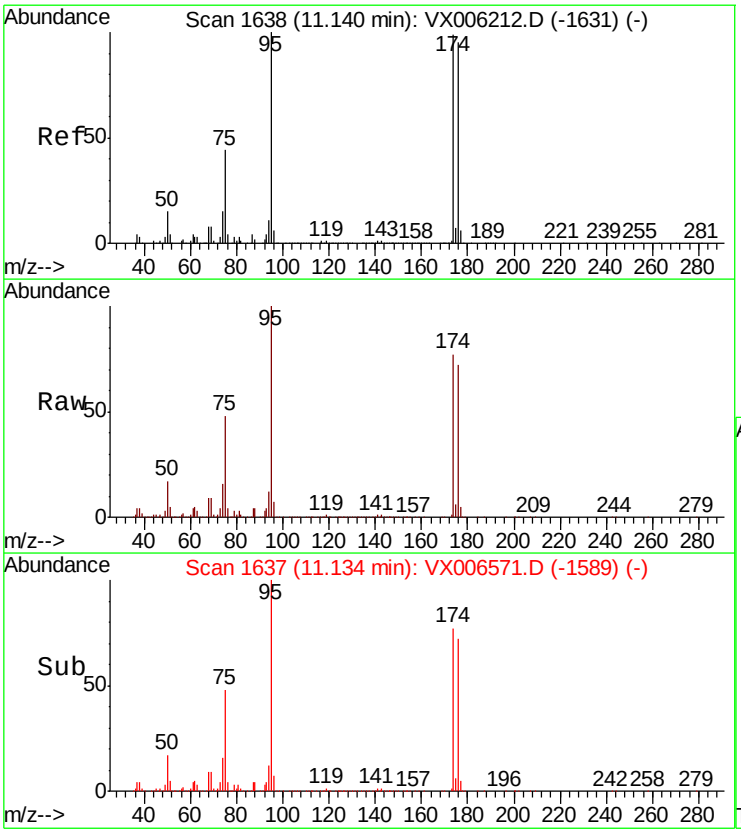
#55
1,1,2-Trichloroethane
Concen: 0.957 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX006571.D
Acq: 17 Dec 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20181210

Tgt Ion: 97 Resp: 6888

Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.1	100.7
85	63.0	43.2	64.8
99	68.0	49.8	74.6

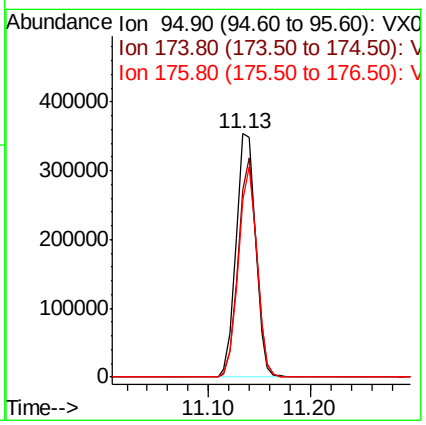


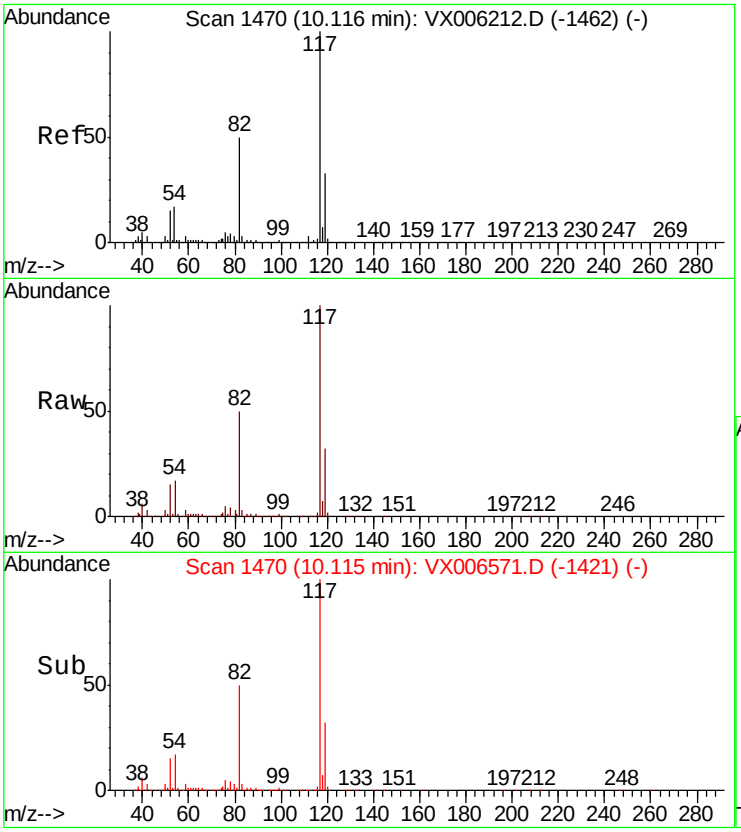


#62
4-Bromofluorobenzene
Concen: 48.944 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006571.D
Acq: 17 Dec 2018 14:32

Tgt Ion: 95 Resp: 463900

Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	187.0
176	82.3	0.0	181.8



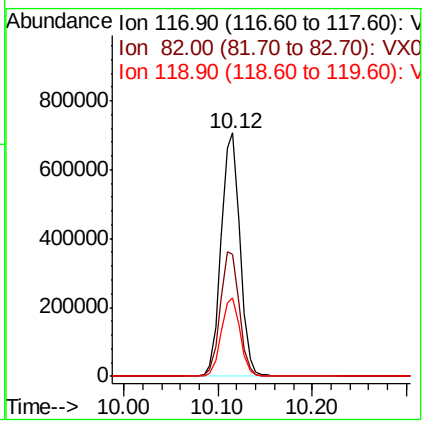


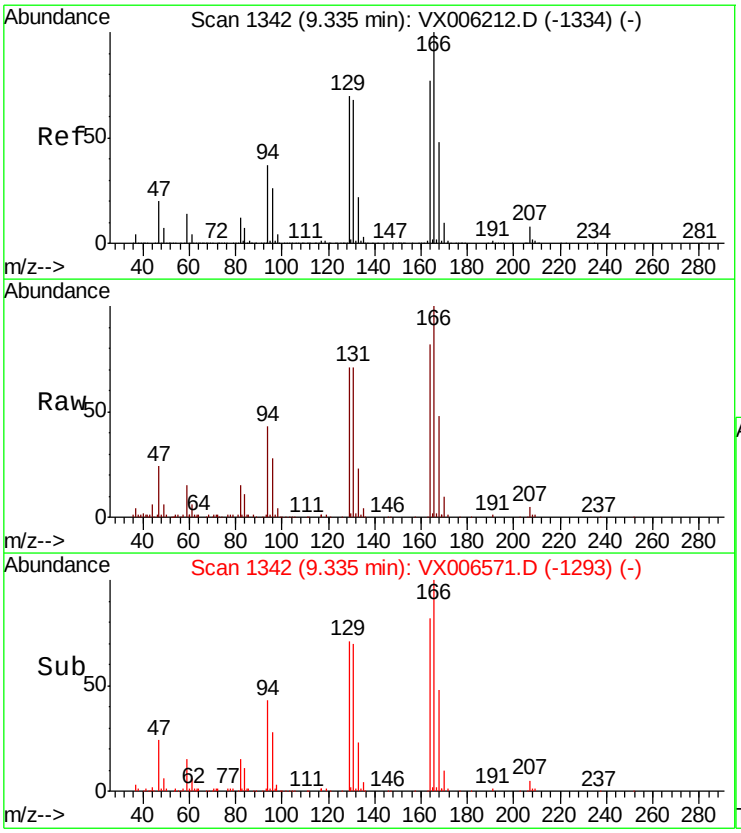
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006571.D
Acq: 17 Dec 2018 14:32

Instrument : MSVOA_X
ClientSampleId : RE105D2-20181210

Tgt Ion:117 Resp: 975496

Ion	Ratio	Lower	Upper
117	100		
82	50.0	39.6	59.4
119	32.5	26.3	39.5

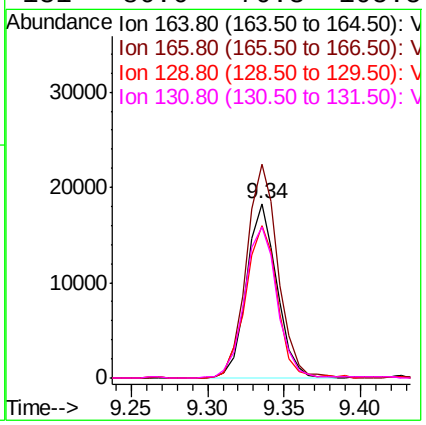


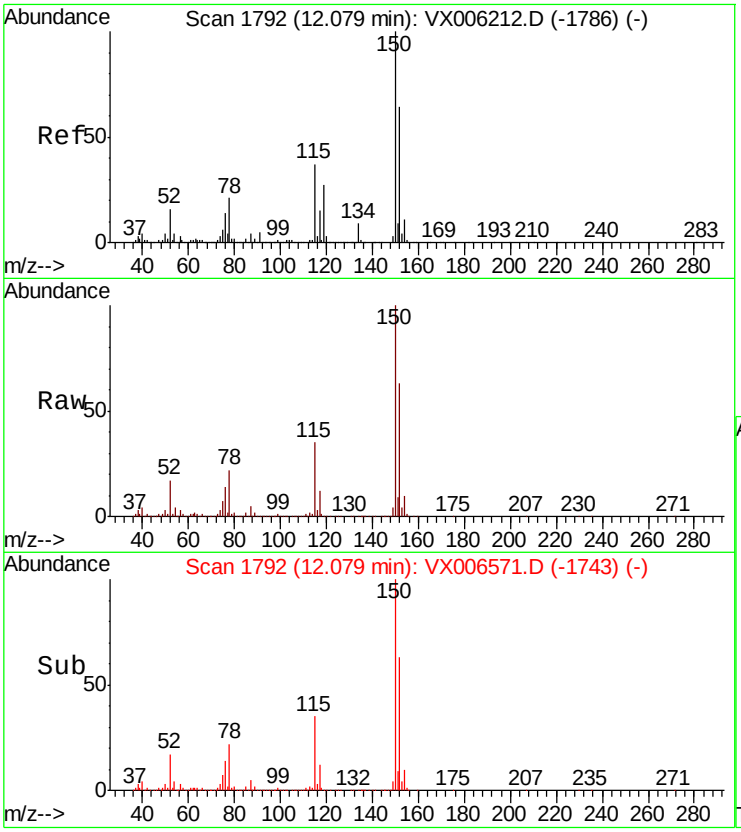


#64
Tetrachloroethene
Concen: 3.445 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006571.D
Acq: 17 Dec 2018 14:32

Tgt Ion:164 Resp: 25311

Ion	Ratio	Lower	Upper
164	100		
166	122.6	104.2	156.2
129	86.8	72.6	108.8
131	86.6	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: VX006571.D
Acq: 17 Dec 2018 14:32

Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20181210

Tgt Ion:152 Resp: 457312

Ion	Ratio	Lower	Upper
152	100		
115	57.0	39.0	116.9
150	157.5	0.0	345.8