Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121718\
Data File : VX006582.D
Acq On : 17 Dec 2018 19:26
Operator : JC/MD
Sample : J6405-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE105D1-20181210

Quant Time: Dec 18 01:35:08 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	645148	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	1040424	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	946463	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	448068	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	363082	55.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.26%				
35) Dibromofluoromethane	5.50	113	311947	46.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.62%				
50) Toluene-d8	8.71	98	1234838	50.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.80%				
62) 4-Bromofluorobenzene	11.13	95	458244	49.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.26%				
Target Compounds							Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	24981	4.097	ug/l		99
12) 1,1-Dichloroethene	2.37	96	3853	0.660	ug/l	#	75
16) Acetone	2.44	43	5115	1.655	ug/l	#	85
27) cis-1,2-Dichloroethene	4.59	96	9010	1.298	ug/l		93
44) Trichloroethene	7.21	130	760040	95.607	ug/l		91
49) 1,4-Dioxane	7.75	88	2881	14.688	ug/l	#	77
64) Tetrachloroethene	9.34	164	4273	0.599	ug/l		83

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

Quantitation Report (QT Reviewed)

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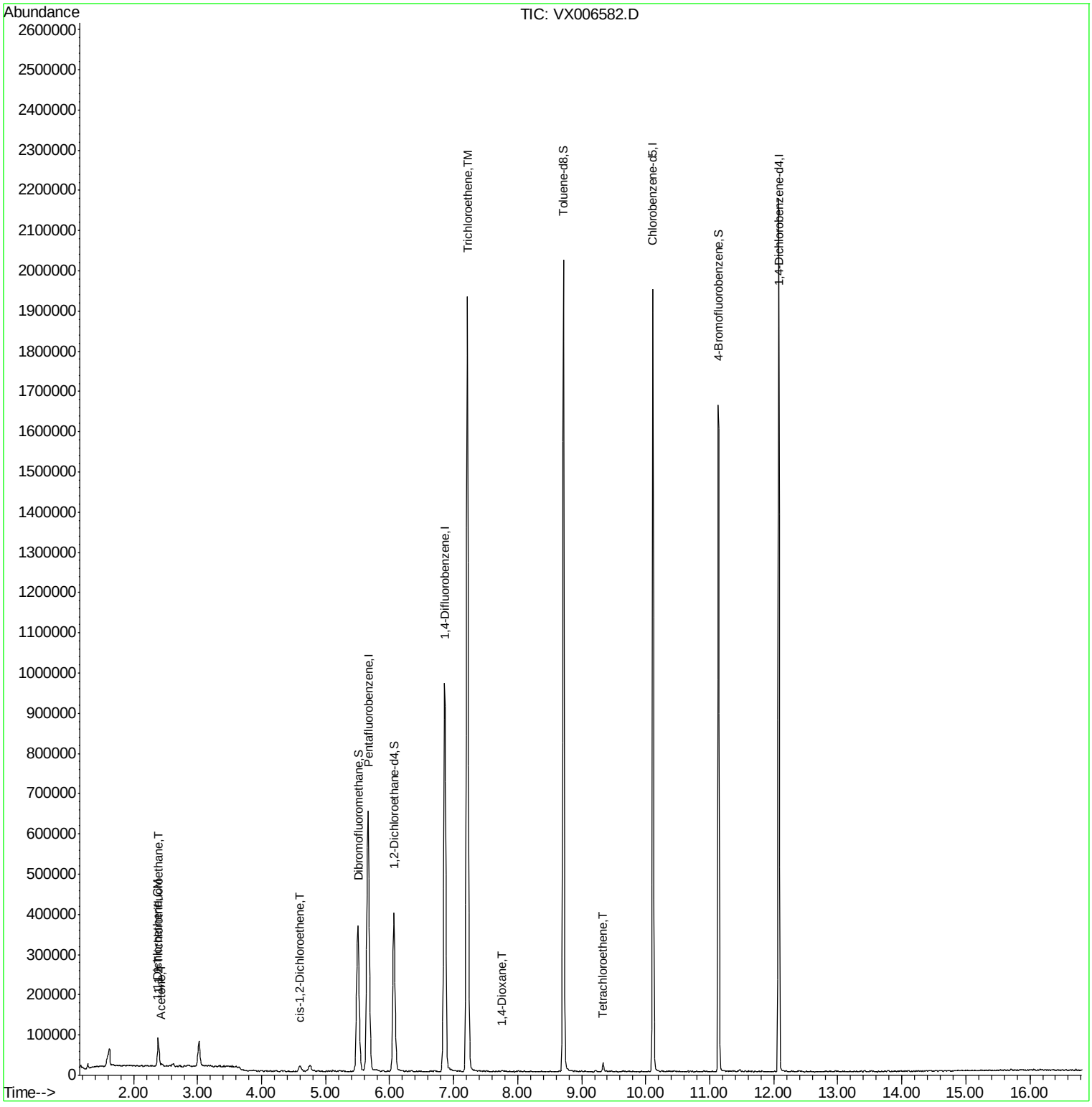
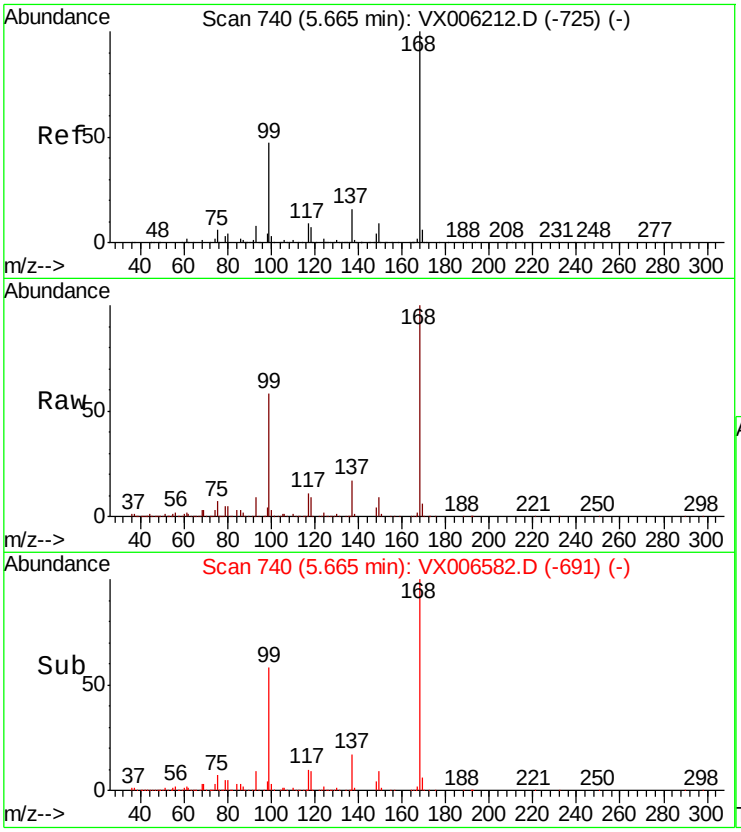


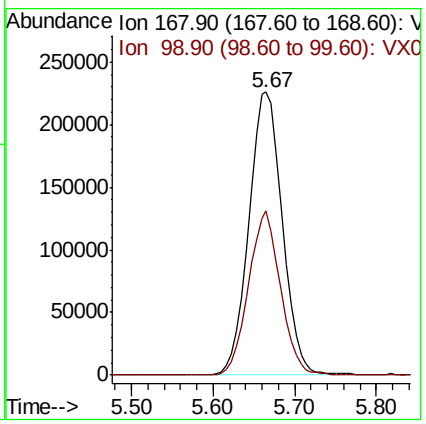


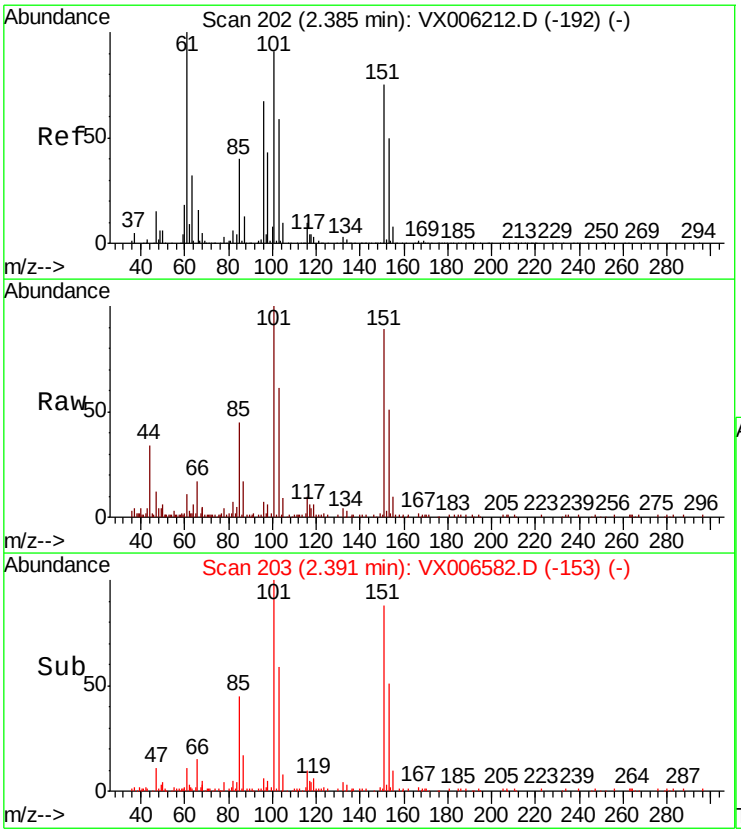
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006582.D
Acq: 17 Dec 2018 19:26

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210

Tgt Ion:168 Resp: 645148

Ion	Ratio	Lower	Upper
168	100		
99	58.1	37.8	56.8#

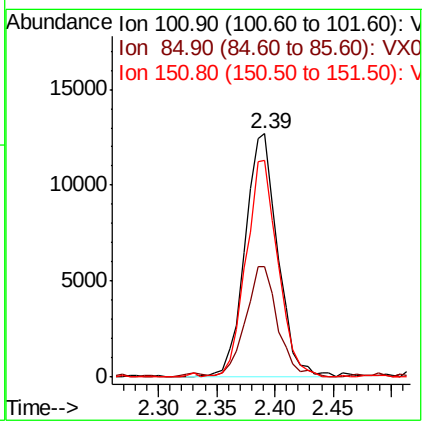


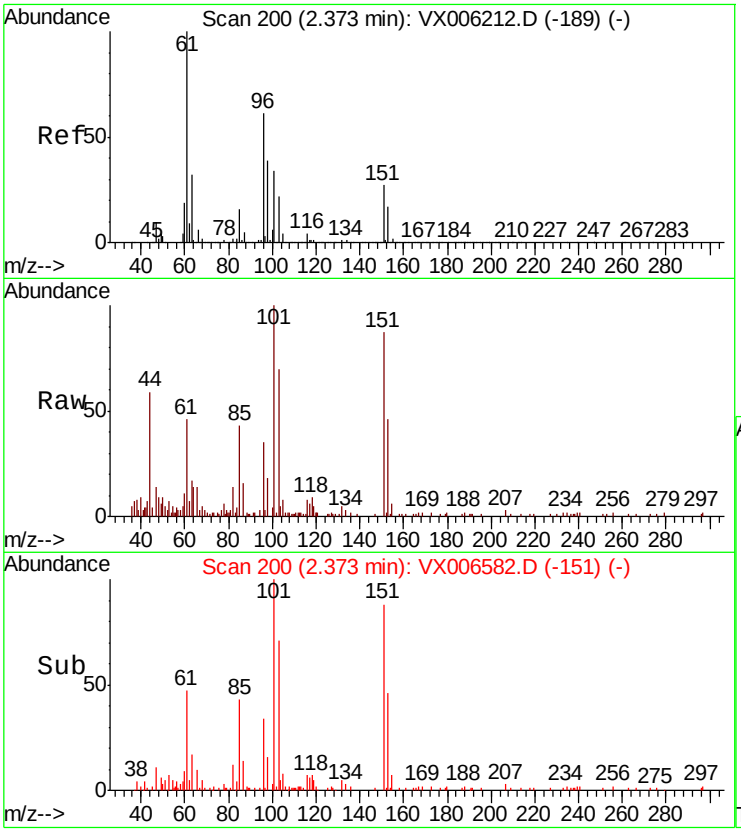


#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.097 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX006582.D
Acq: 17 Dec 2018 19:26

Tgt Ion:101 Resp: 24981

Ion	Ratio	Lower	Upper
101	100		
85	44.6	35.5	53.3
151	86.7	68.6	103.0



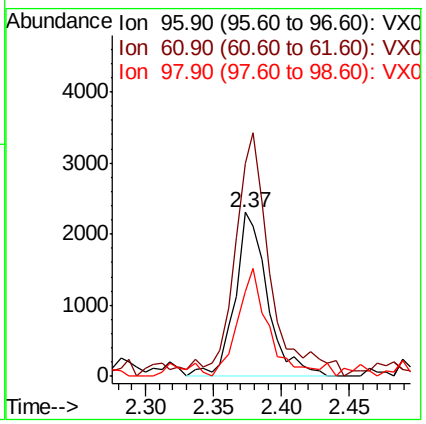


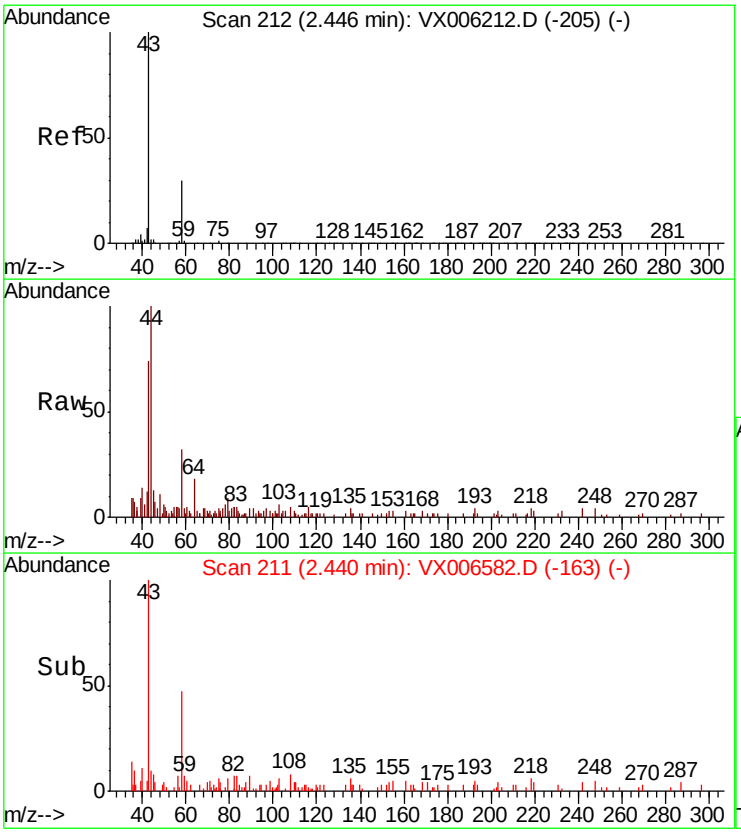
#12
1,1-Dichloroethene
Concen: 0.660 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006582.D
Acq: 17 Dec 2018 19:26

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210

Tgt Ion: 96 Resp: 3853

Ion	Ratio	Lower	Upper
96	100		
61	125.4	131.7	197.5#
98	52.1	51.8	77.6

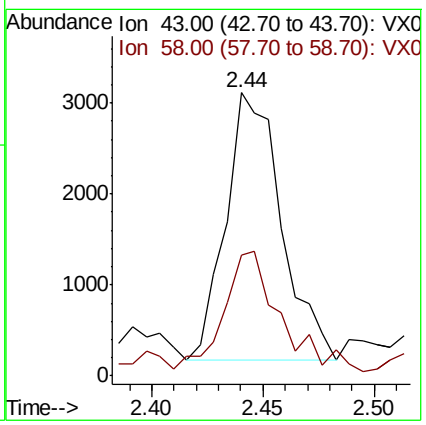


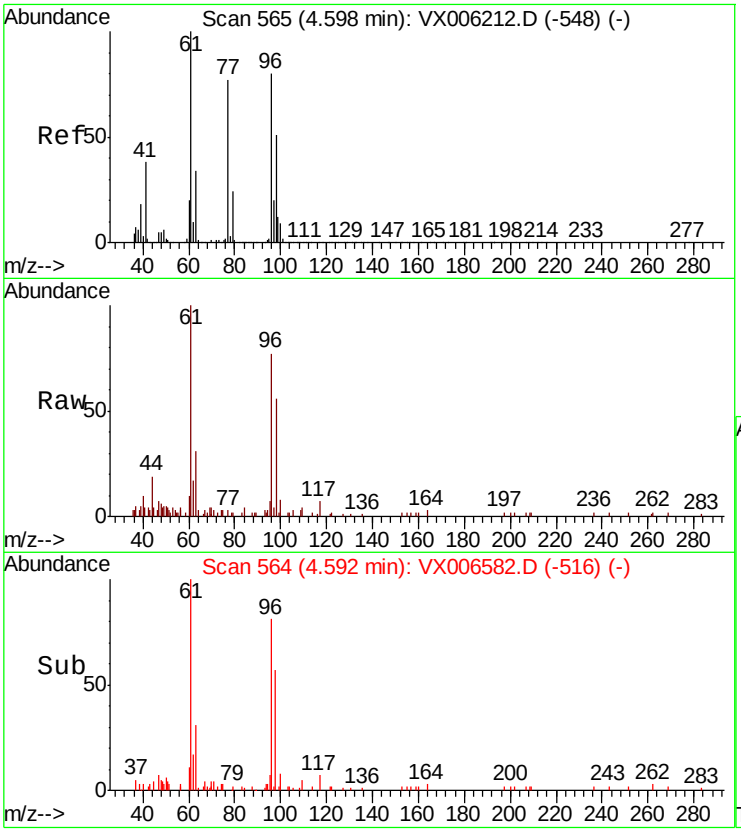


#16
Acetone
Concen: 1.655 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX006582.D
Acq: 17 Dec 2018 19:26

Tgt Ion: 43 Resp: 5115

Ion	Ratio	Lower	Upper
43	100		
58	38.2	24.0	36.0#



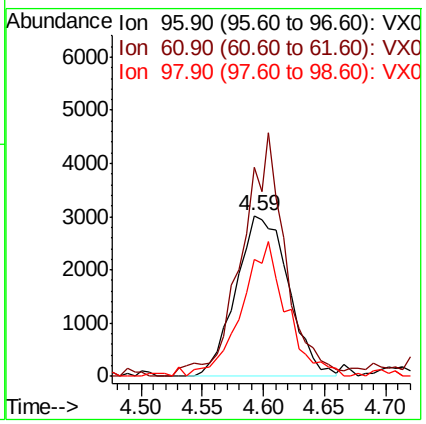


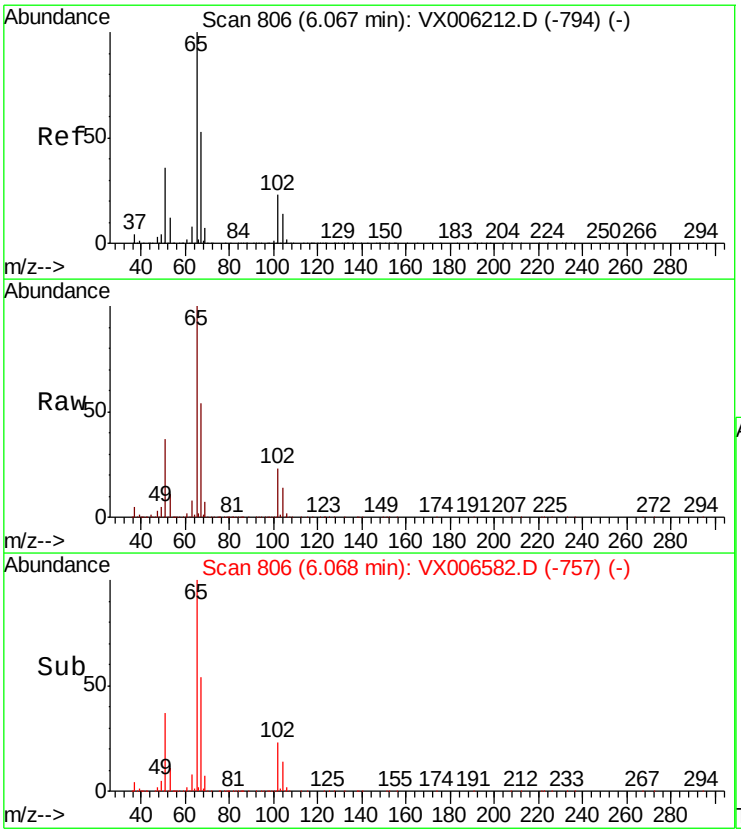
#27
cis-1,2-Dichloroethene
Concen: 1.298 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX006582.D
Acq: 17 Dec 2018 19:26

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210

Tgt Ion: 96 Resp: 9010

Ion	Ratio	Lower	Upper
96	100		
61	124.8	0.0	265.0
98	71.7	0.0	130.2

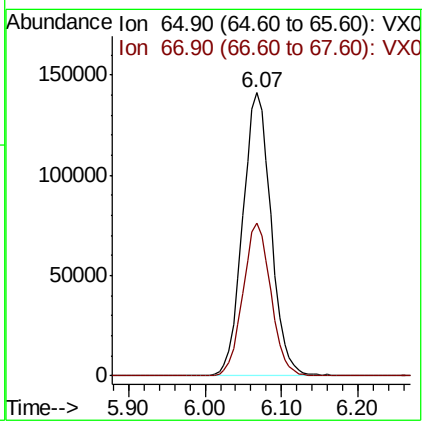


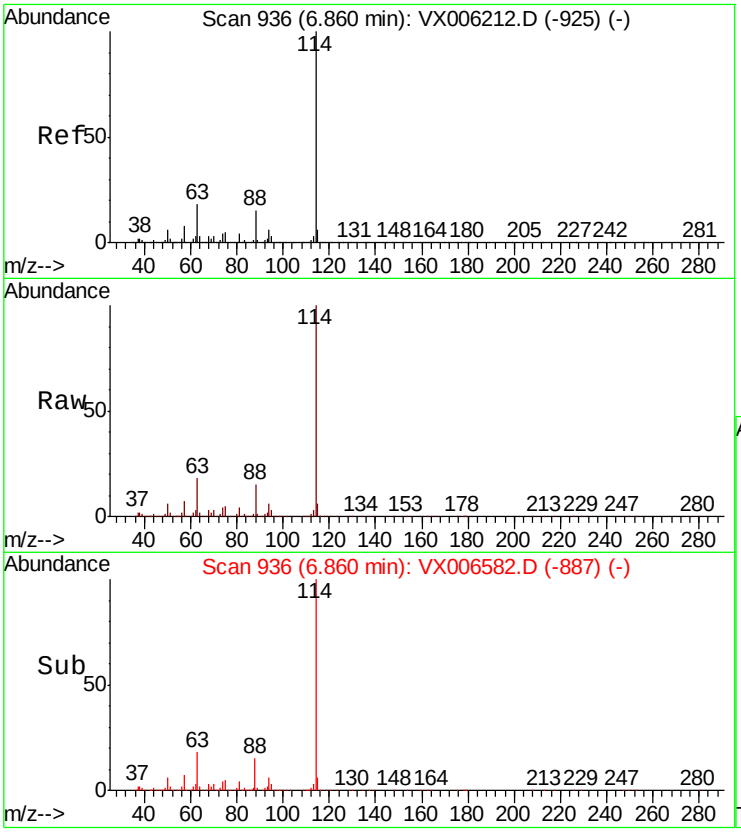


#33
1,2-Dichloroethane-d4
Concen: 55.130 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006582.D
Acq: 17 Dec 2018 19:26

Tgt Ion: 65 Resp: 363082

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.2



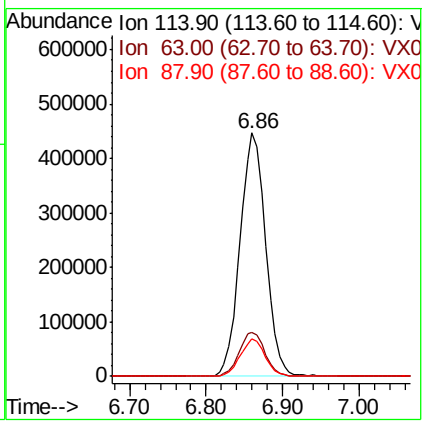


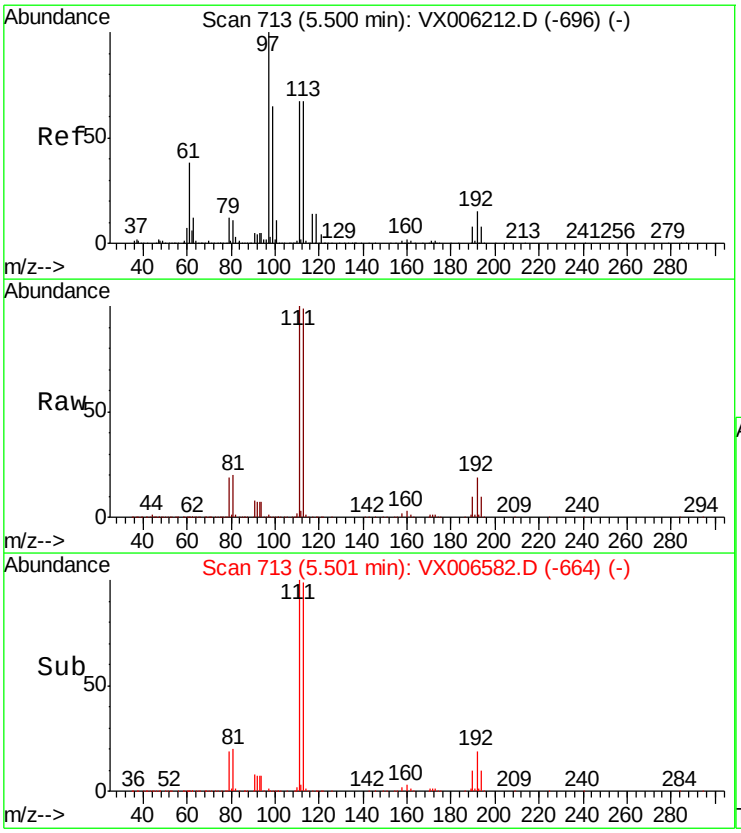
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006582.D
Acq: 17 Dec 2018 19:26

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210

Tgt Ion:114 Resp: 1040424

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	36.6
88	15.2	0.0	29.0

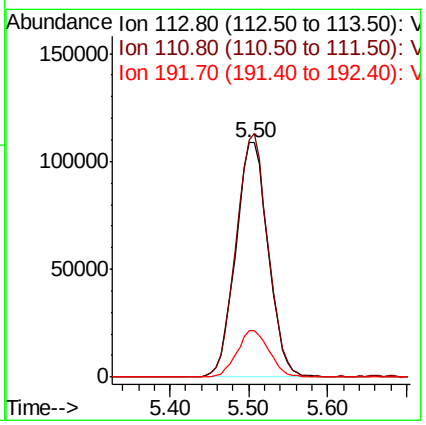


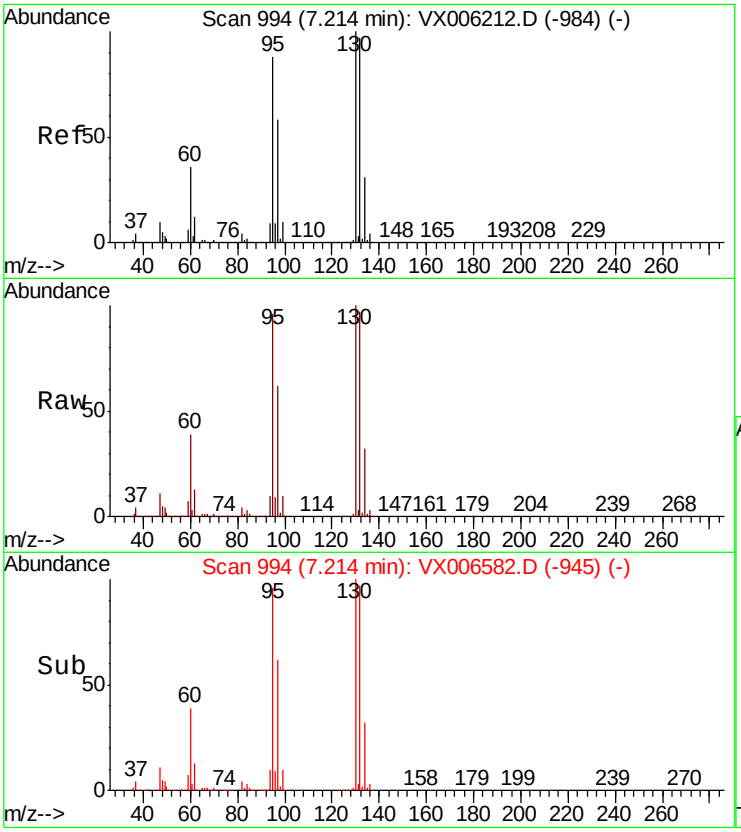


#35
Dibromofluoromethane
Concen: 46.308 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006582.D
Acq: 17 Dec 2018 19:26

Tgt Ion:113 Resp: 311947

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.1	121.7
192	19.8	18.2	27.2



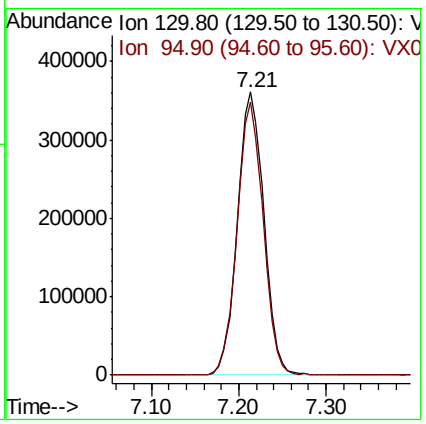


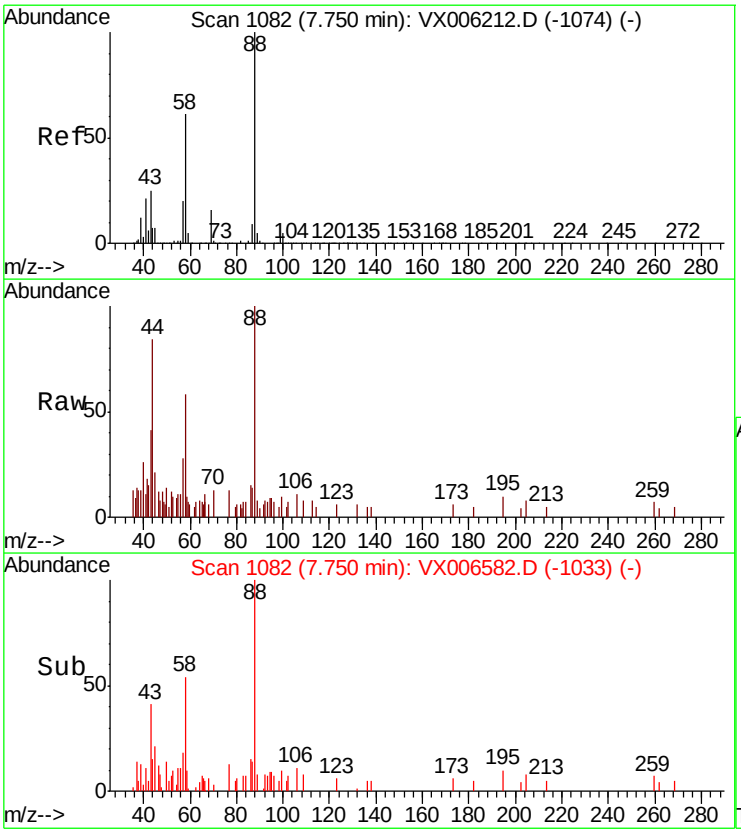
#44
Trichloroethene
Concen: 95.607 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX006582.D
Acq: 17 Dec 2018 19:26

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210

Tgt Ion:130 Resp: 760040

Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	175.8

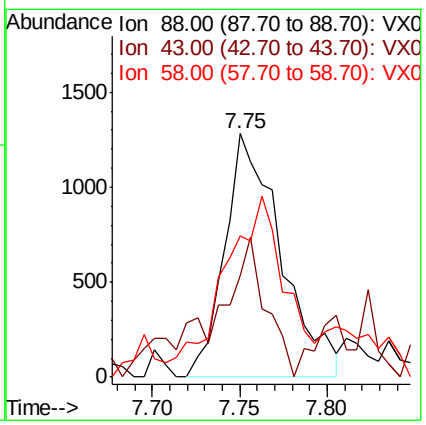


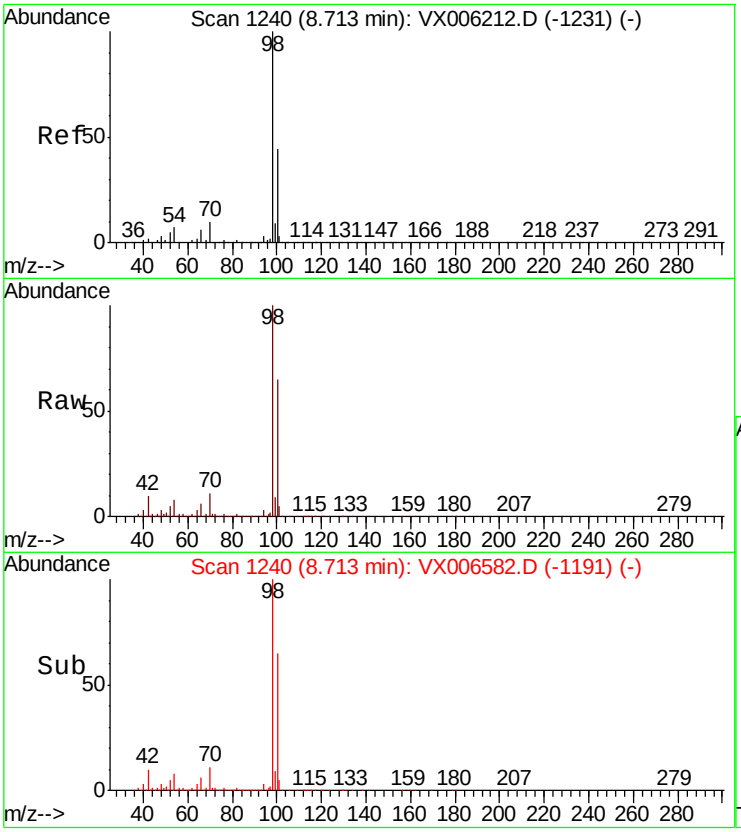


#49
1,4-Dioxane
Concen: 14.688 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006582.D
Acq: 17 Dec 2018 19:26

Tgt Ion: 88 Resp: 2881

Ion	Ratio	Lower	Upper
88	100		
43	57.2	23.2	34.8#
58	71.7	51.4	77.0



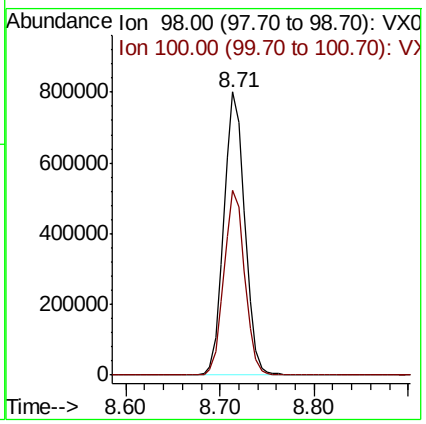


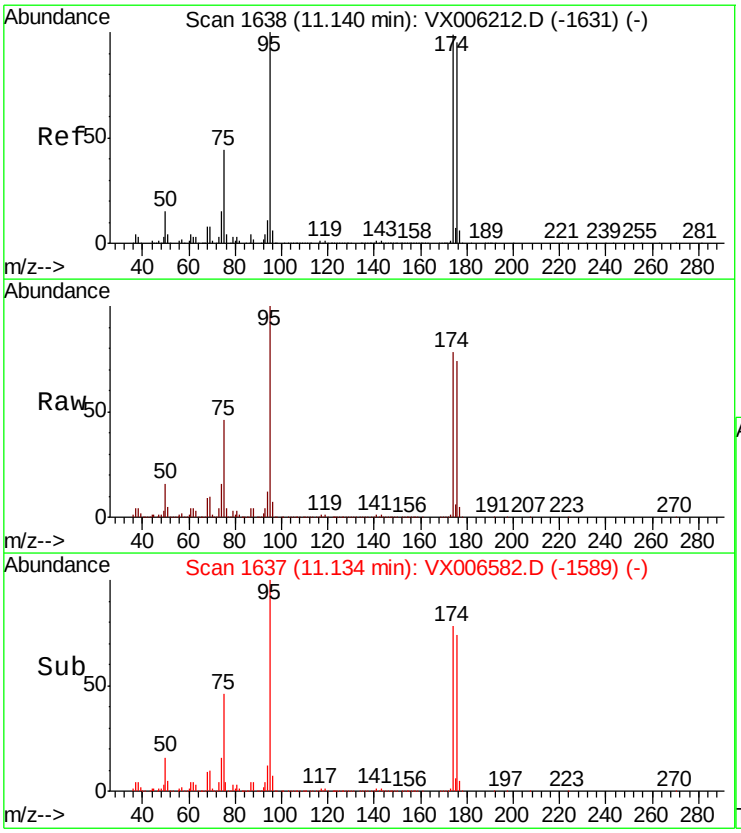
#50
Toluene-d8
Concen: 50.396 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006582.D
Acq: 17 Dec 2018 19:26

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210

Tgt Ion: 98 Resp: 1234838

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2

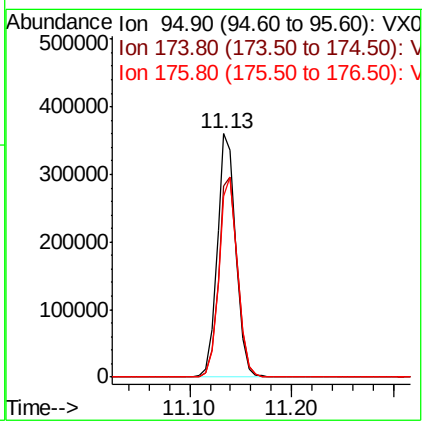


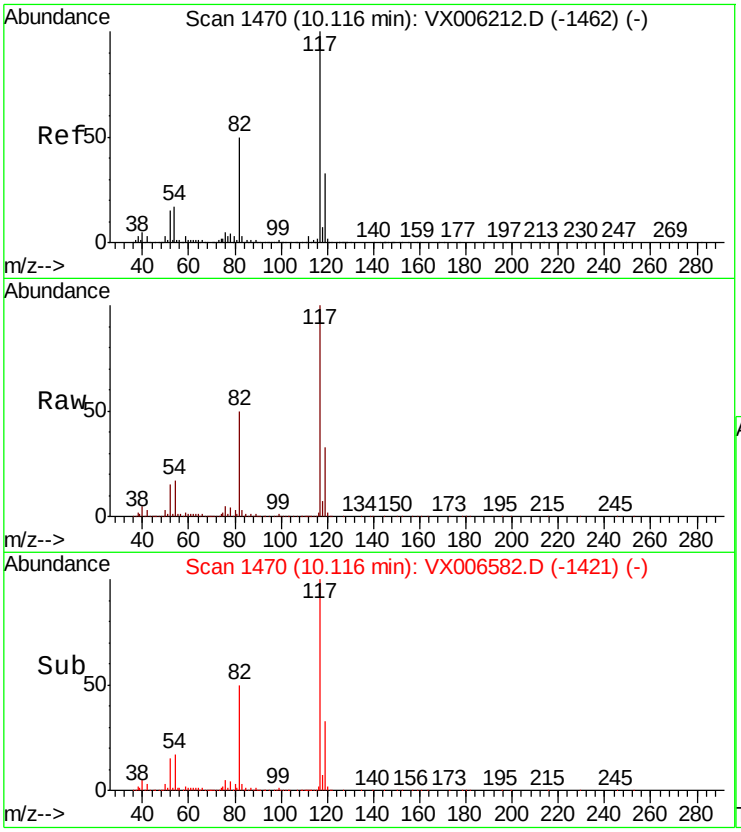


#62
4-Bromofluorobenzene
Concen: 49.629 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006582.D
Acq: 17 Dec 2018 19:26

Tgt Ion: 95 Resp: 458244

Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	187.0
176	81.6	0.0	181.8



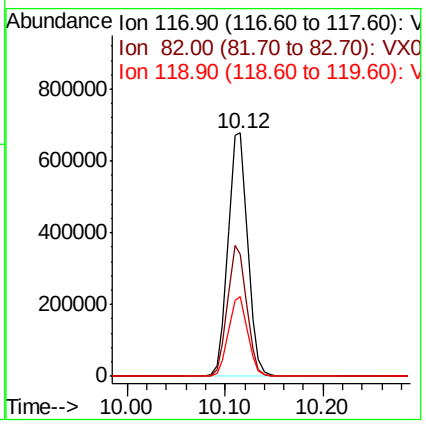


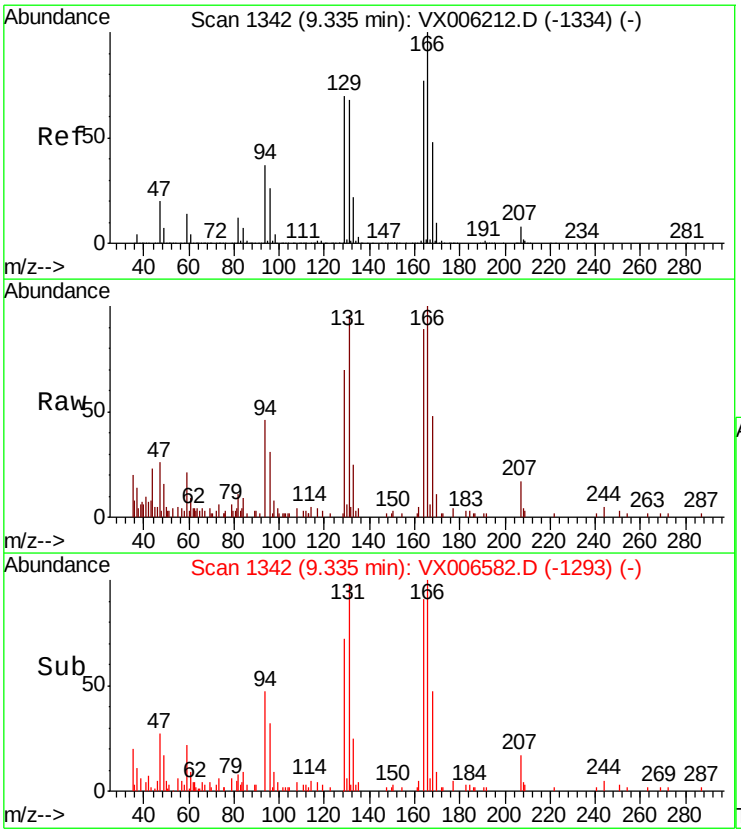
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006582.D
Acq: 17 Dec 2018 19:26

Instrument : MSVOA_X
ClientSampleId : RE105D1-20181210

Tgt Ion:117 Resp: 946463

Ion	Ratio	Lower	Upper
117	100		
82	50.4	39.6	59.4
119	32.7	26.3	39.5

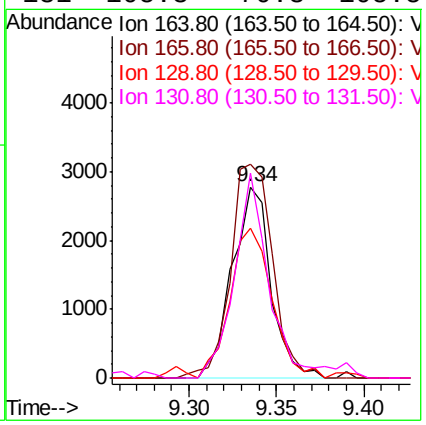


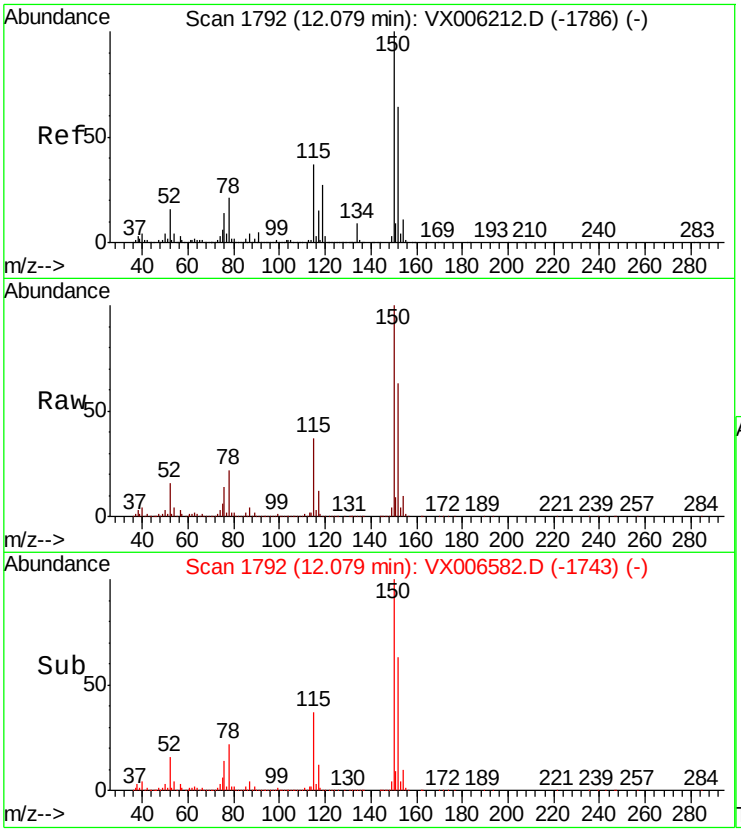


#64
Tetrachloroethene
Concen: 0.599 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006582.D
Acq: 17 Dec 2018 19:26

Tgt Ion:164 Resp: 4273

Ion	Ratio	Lower	Upper
164	100		
166	111.9	104.2	156.2
129	75.8	72.6	108.8
131	105.3	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: VX006582.D
Acq: 17 Dec 2018 19:26

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20181210

Tgt Ion:152 Resp: 448068

Ion	Ratio	Lower	Upper
152	100		
115	58.6	39.0	116.9
150	159.4	0.0	345.8