Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
Data File : VX007980.D
Acq On : 11 Mar 2019 19:50
Operator : JC/SP
Sample : K1841-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE122D1-20190308

Quant Time: Mar 12 09:10:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	396303	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	379030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184121	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	140112	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.06%			
35) Dibromofluoromethane	5.51	113	129786	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.40%			
50) Toluene-d8	8.71	98	484242	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.02%			
62) 4-Bromofluorobenzene	11.13	95	177592	54.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.82%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	7986	3.544	ug/l	99
16) Acetone	2.45	43	4410	2.829	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	1055	0.441	ug/l #	76
27) cis-1,2-Dichloroethene	4.60	96	6222	2.275	ug/l	89
30) Chloroform	5.22	83	2277	0.535	ug/l	89
44) Trichloroethene	7.21	130	1519199	516.026	ug/l	98
64) Tetrachloroethene	9.34	164	4503	1.434	ug/l	96

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

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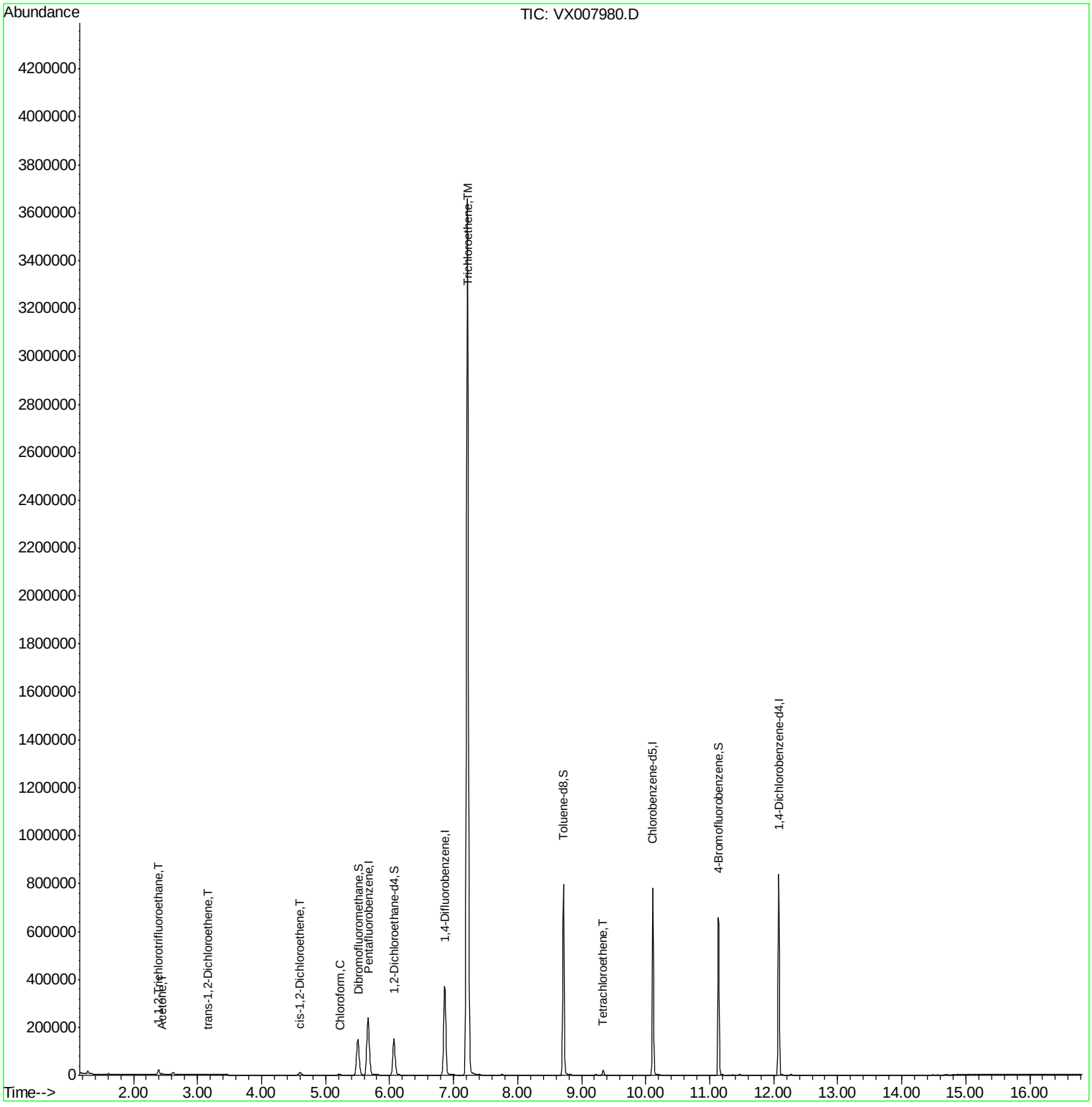
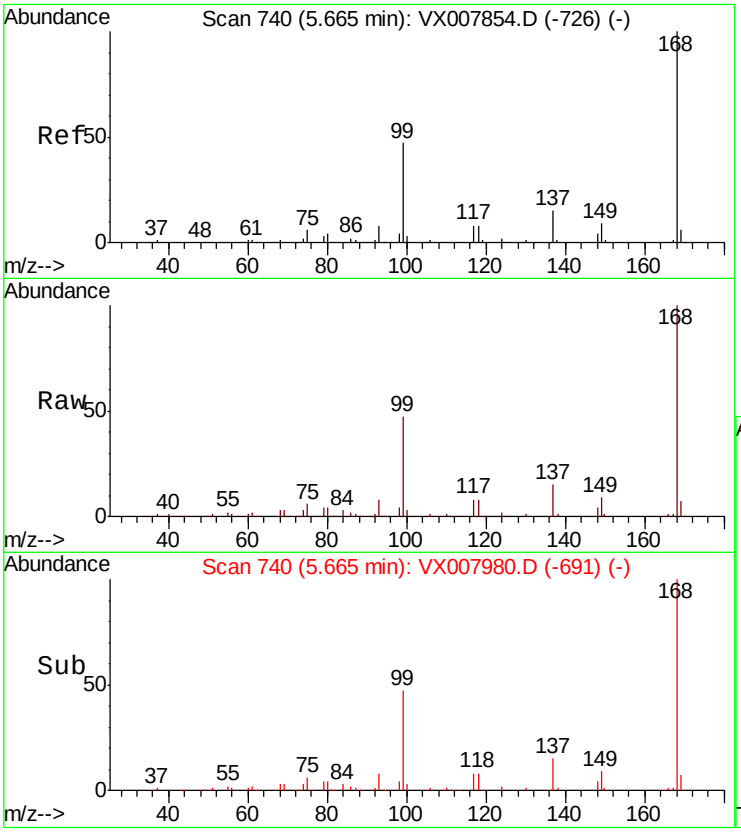


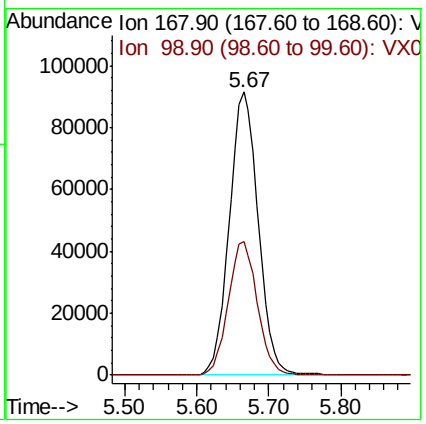


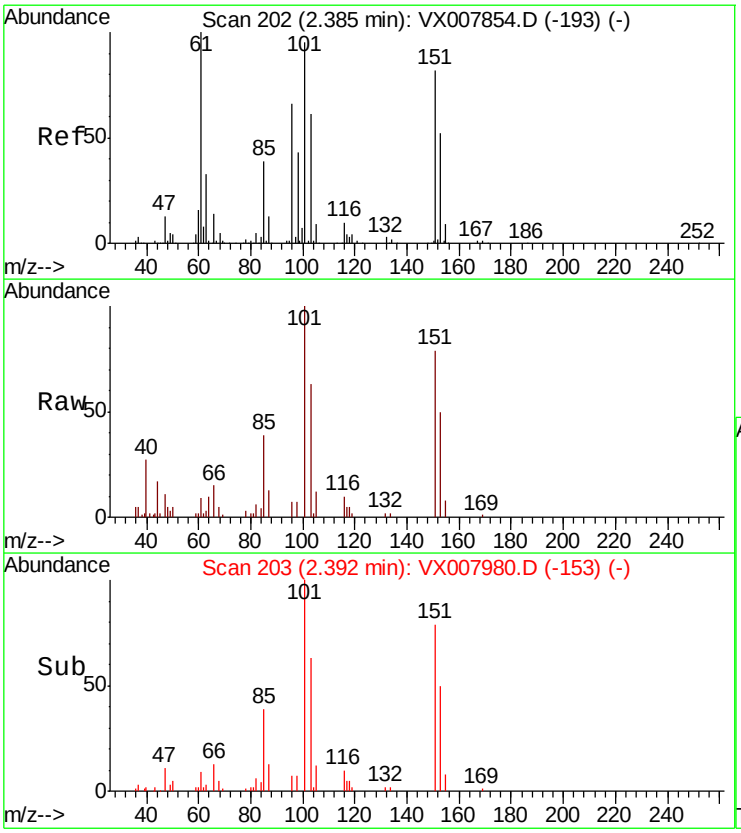
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX007980.D
Acq: 11 Mar 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190308

Tgt Ion:168 Resp: 255279

Ion	Ratio	Lower	Upper
168	100		
99	47.1	37.6	56.4

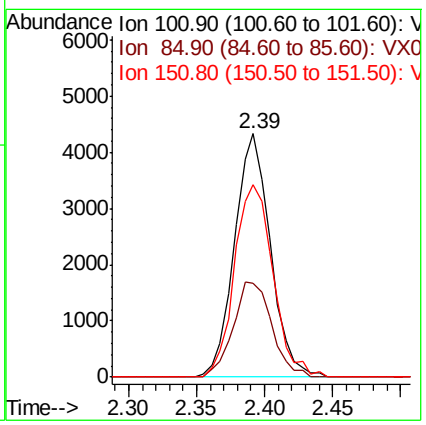


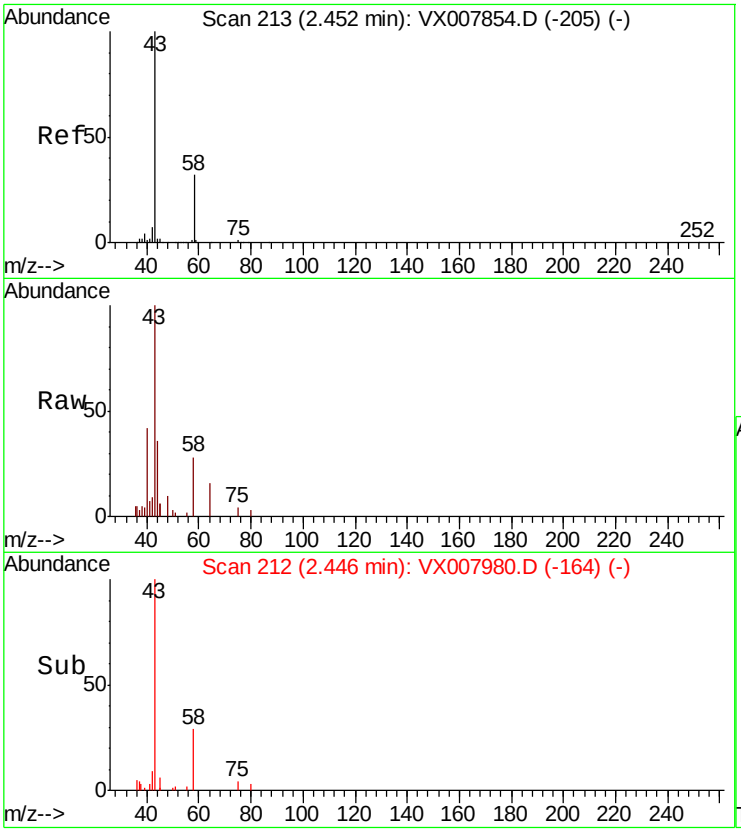


#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.544 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX007980.D
Acq: 11 Mar 2019 19:50

Tgt Ion:101 Resp: 7986

Ion	Ratio	Lower	Upper
101	100		
85	42.2	33.8	50.6
151	85.0	69.1	103.7



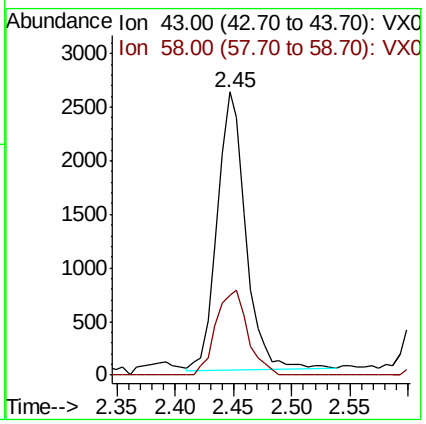


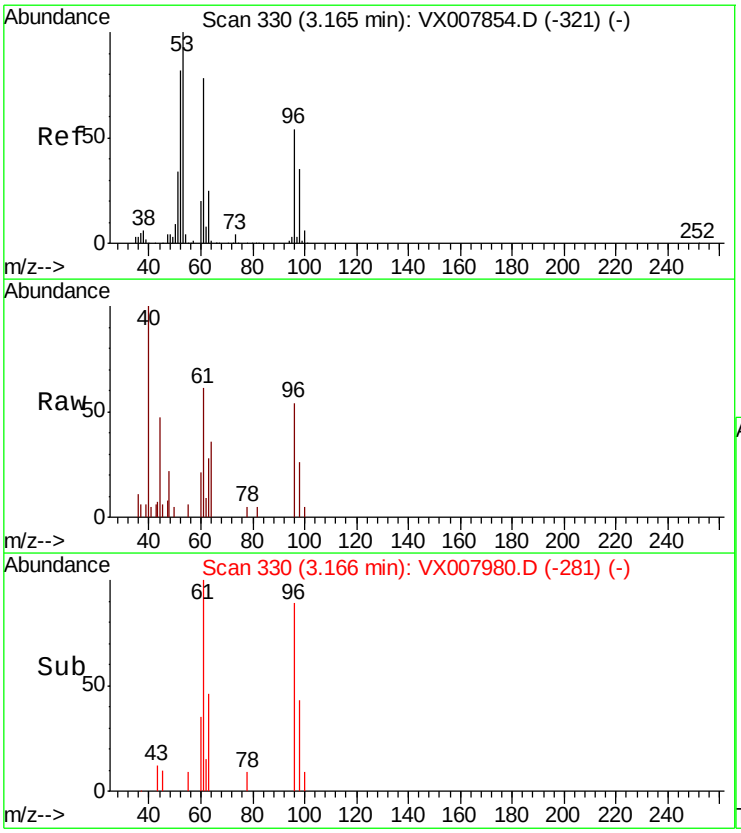
#16
Acetone
Concen: 2.829 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX007980.D
Acq: 11 Mar 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190308

Tgt Ion: 43 Resp: 4410

Ion	Ratio	Lower	Upper
43	100		
58	28.8	25.5	38.3

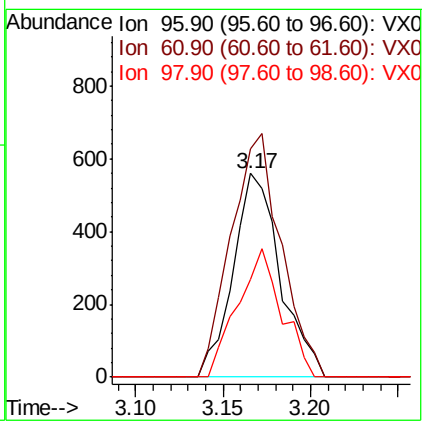


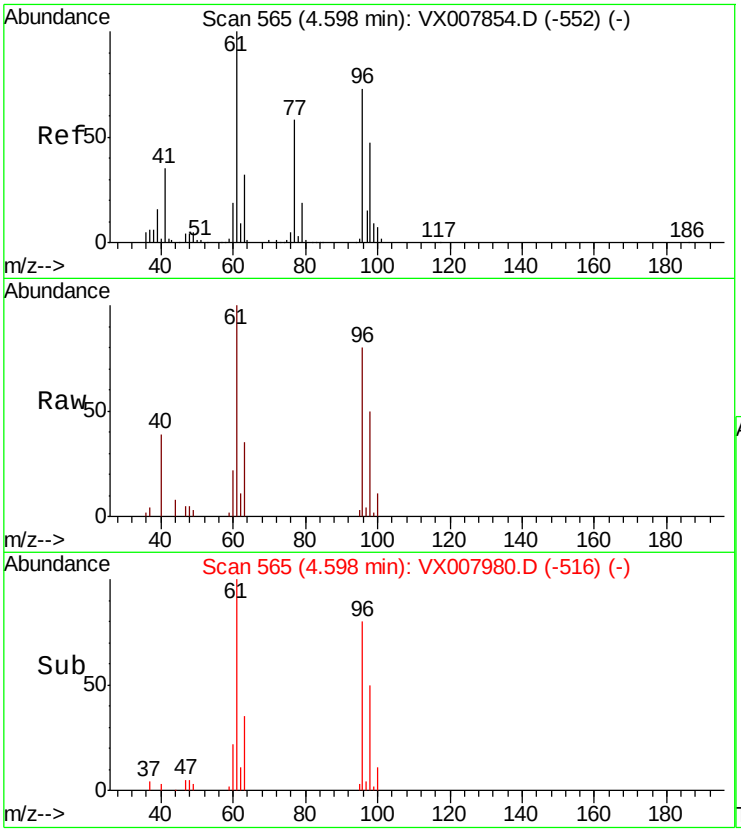


#21
trans-1,2-Dichloroethene
Concen: 0.441 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX007980.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 96 Resp: 1055

Ion	Ratio	Lower	Upper
96	100		
61	111.8	114.4	171.6#
98	48.2	51.1	76.7#



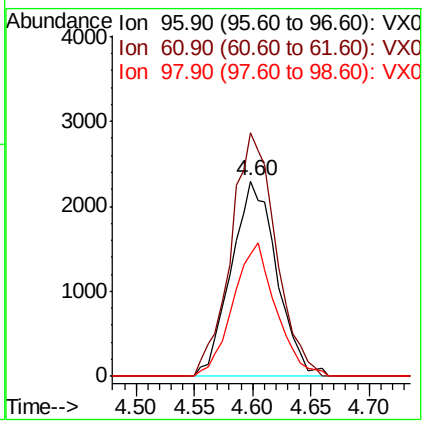


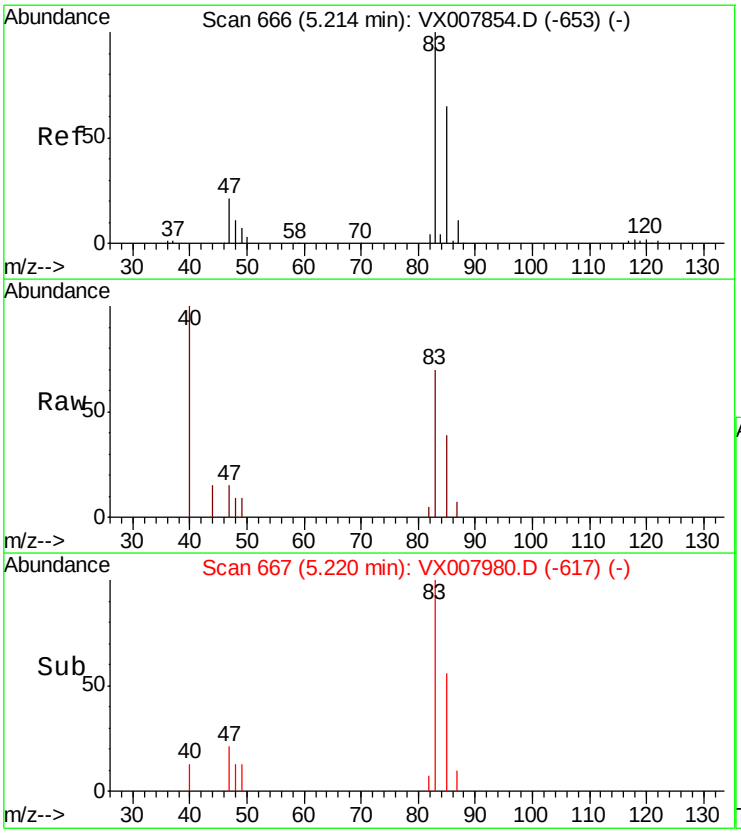
#27
cis-1,2-Dichloroethene
Concen: 2.275 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007980.D
Acq: 11 Mar 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190308

Tgt Ion: 96 Resp: 6222

Ion	Ratio	Lower	Upper
96	100		
61	123.8	0.0	288.0
98	64.7	0.0	129.0

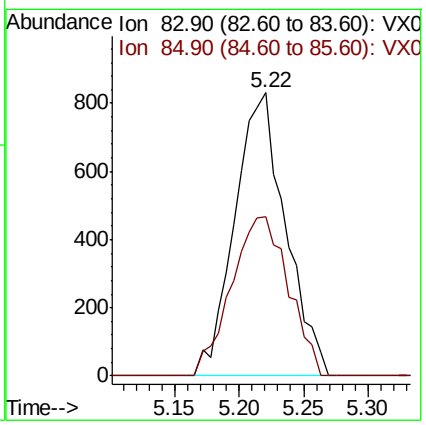


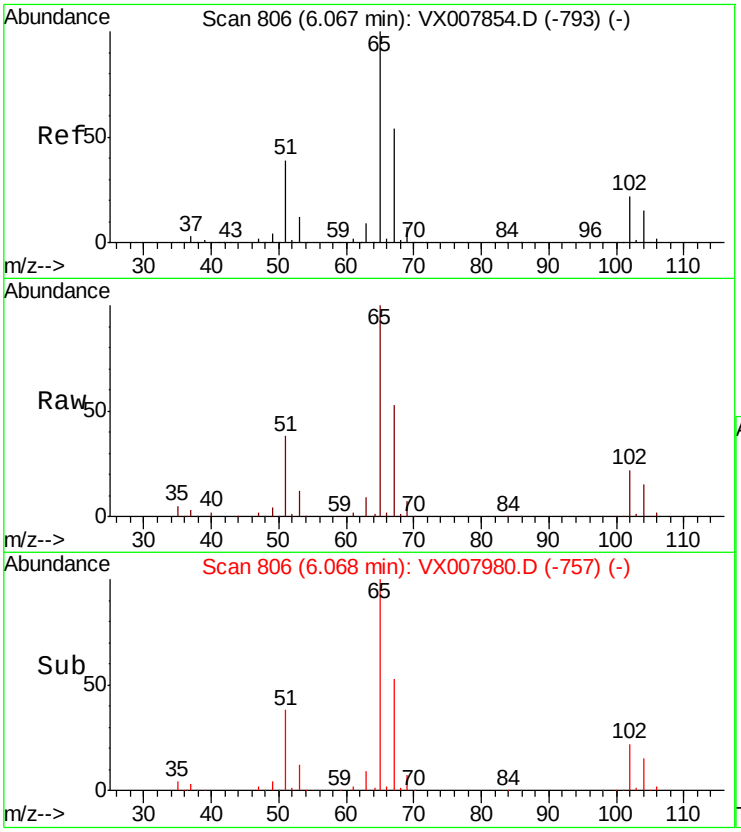


#30
Chloroform
Concen: 0.535 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007980.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 83 Resp: 2277

Ion	Ratio	Lower	Upper
83	100		
85	56.2	51.8	77.6



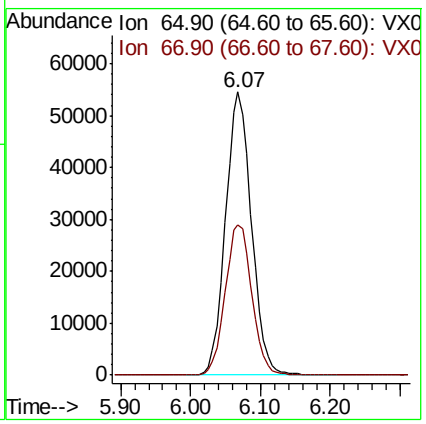


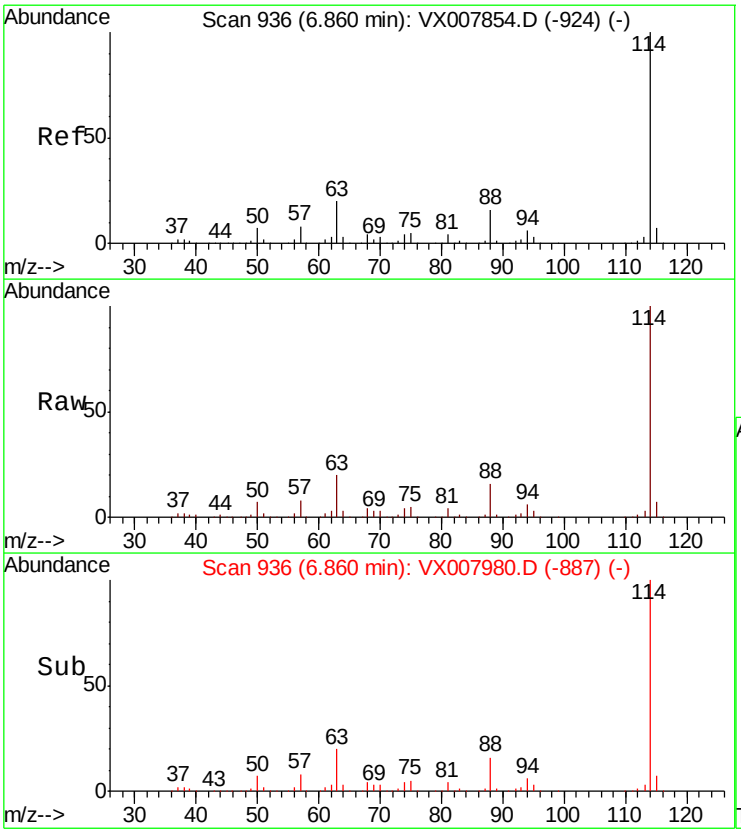
#33
1,2-Dichloroethane-d4
Concen: 52.029 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007980.D
Acq: 11 Mar 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190308

Tgt Ion: 65 Resp: 140112

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	110.0

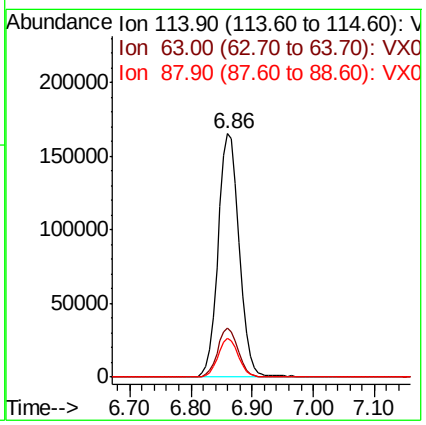


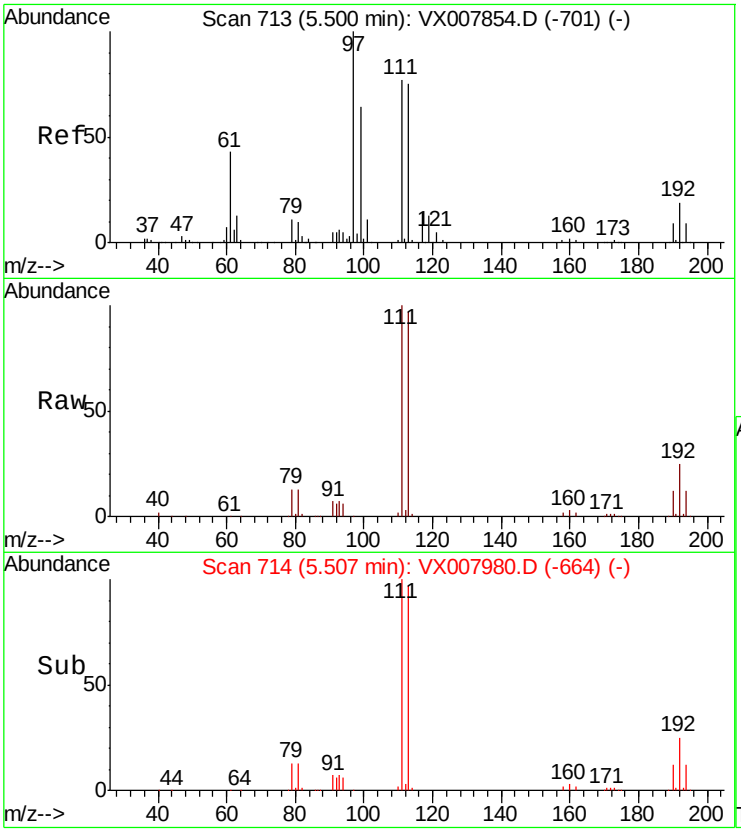


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007980.D
Acq: 11 Mar 2019 19:50

Tgt Ion:114 Resp: 396303

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.8
88	15.9	0.0	31.4



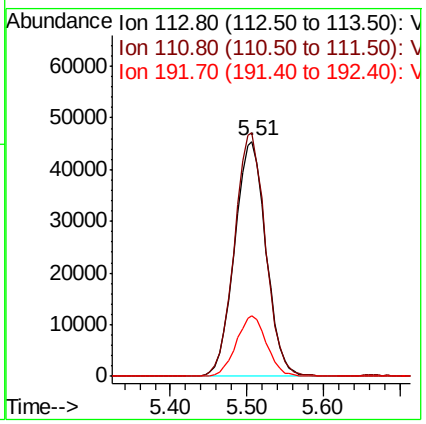


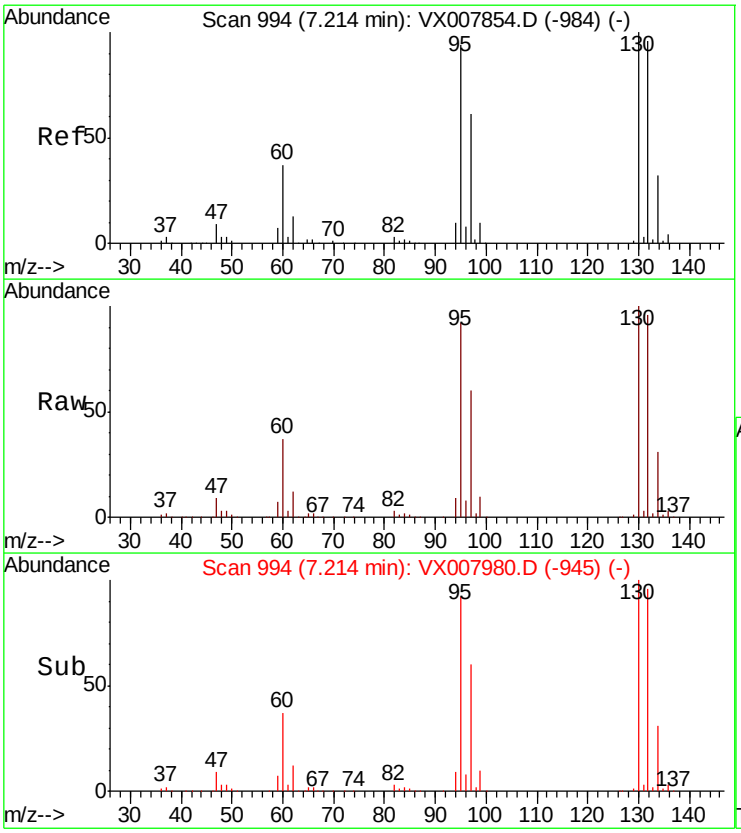
#35
Dibromofluoromethane
Concen: 51.197 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007980.D
Acq: 11 Mar 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190308

Tgt Ion:113 Resp: 129786

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	24.7	19.4	29.0

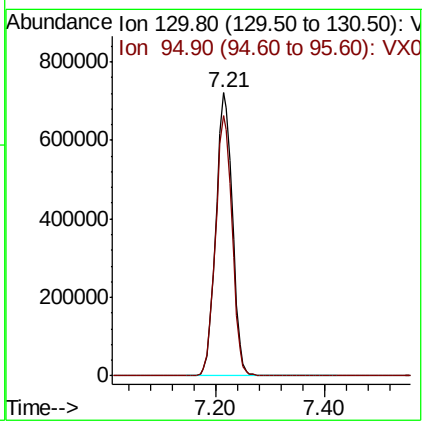


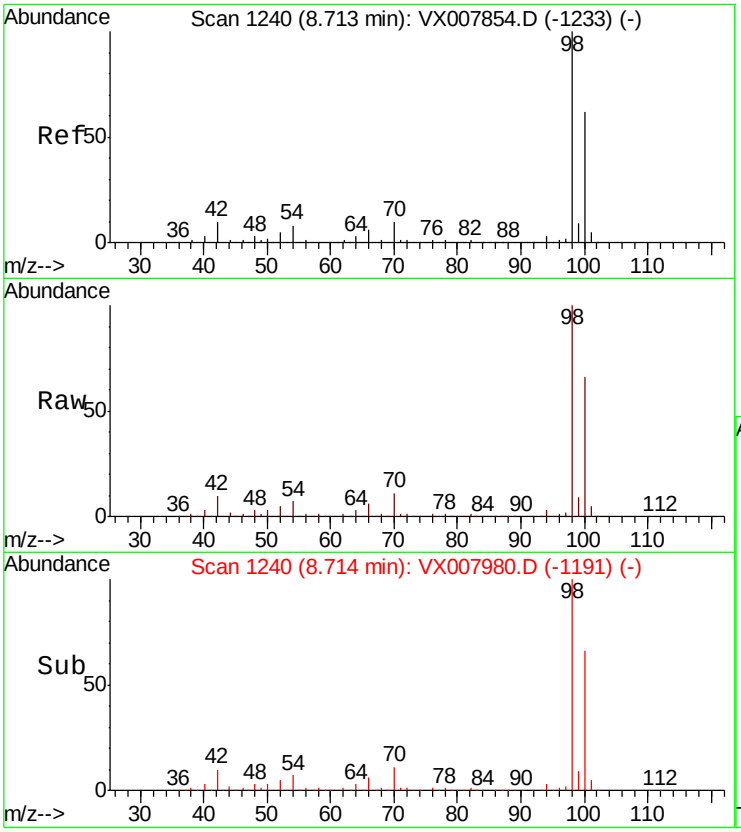


#44
Trichloroethene
Concen: 516.026 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX007980.D
Acq: 11 Mar 2019 19:50

Tgt Ion:130 Resp: 1519199

Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	188.0



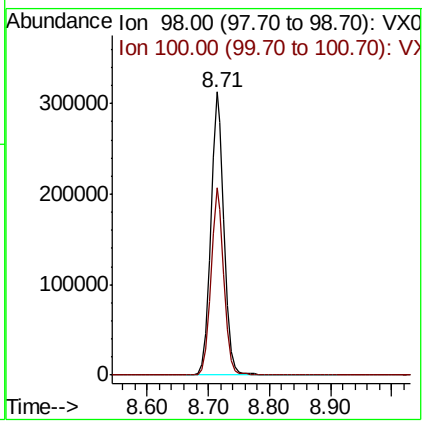


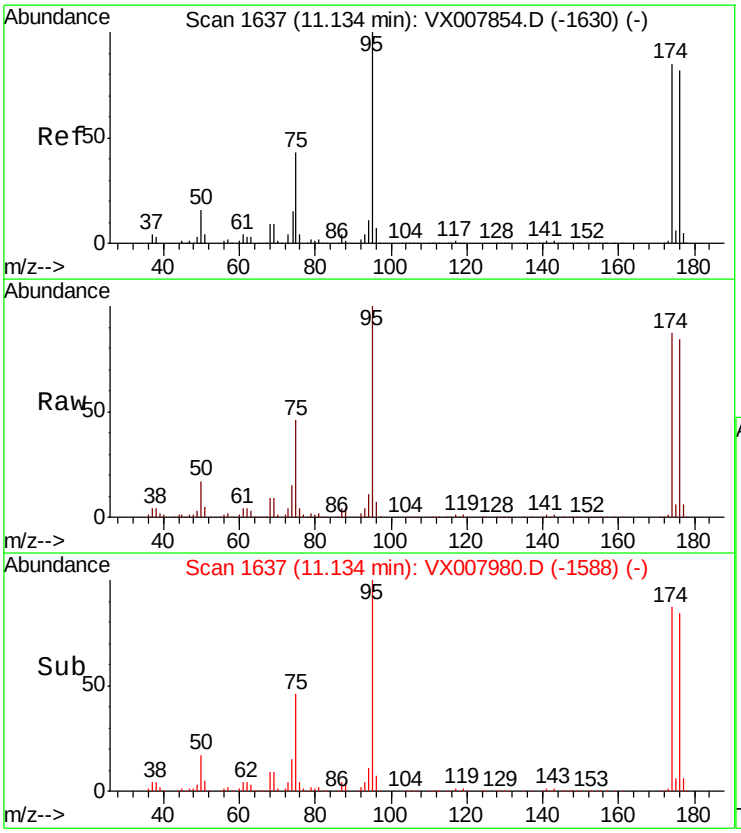
#50
Toluene-d8
Concen: 52.013 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007980.D
Acq: 11 Mar 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190308

Tgt Ion: 98 Resp: 484242

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.7	77.5

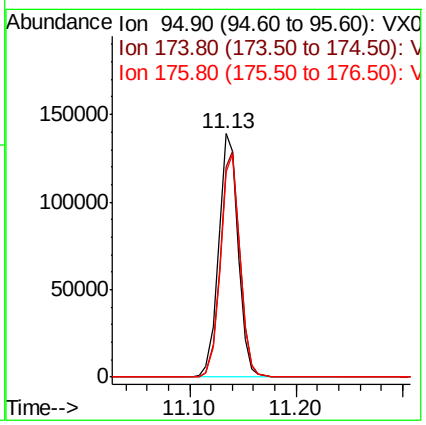


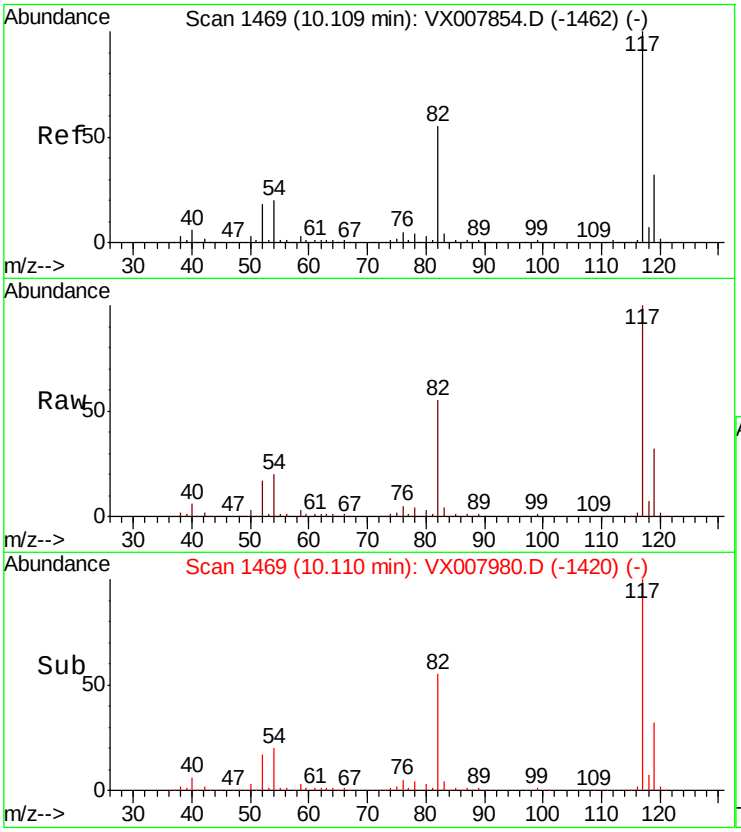


#62
4-Bromofluorobenzene
Concen: 54.408 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007980.D
Acq: 11 Mar 2019 19:50

Tgt Ion: 95 Resp: 177592

Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	182.8
176	91.1	0.0	178.0



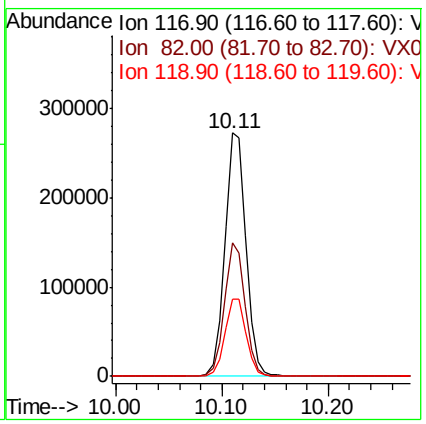


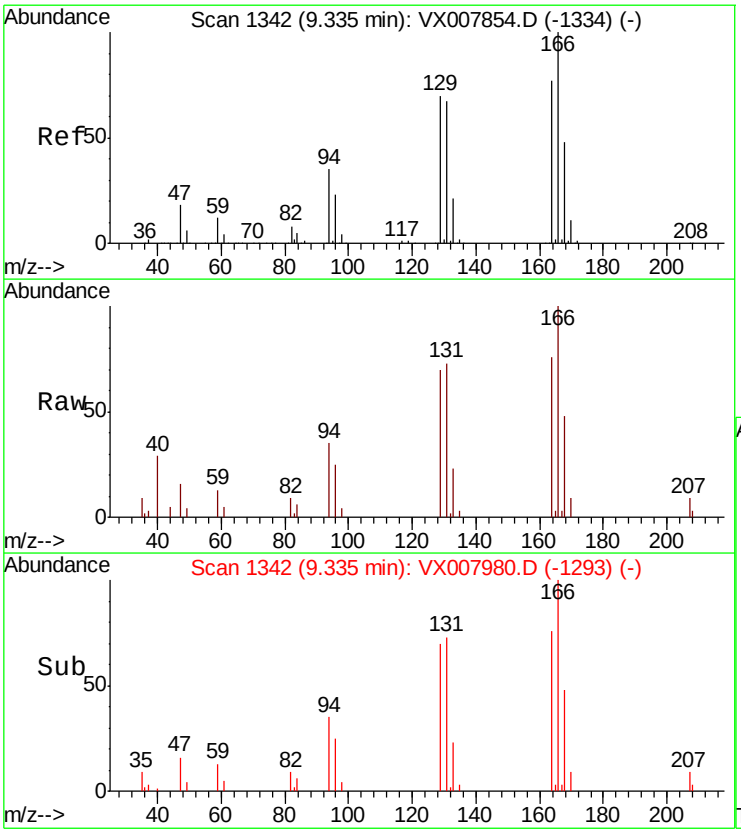
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007980.D
Acq: 11 Mar 2019 19:50

Instrument : MSVOA_X
ClientSampleId : RE122D1-20190308

Tgt Ion:117 Resp: 379030

Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.3	66.5
119	31.9	25.3	37.9

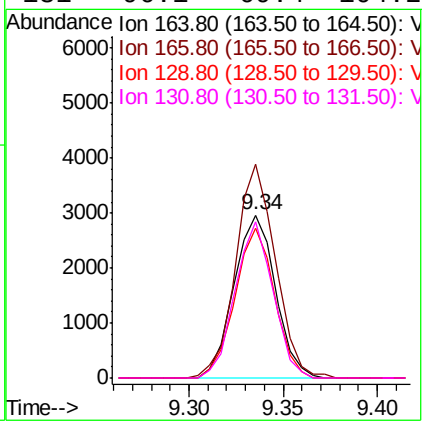


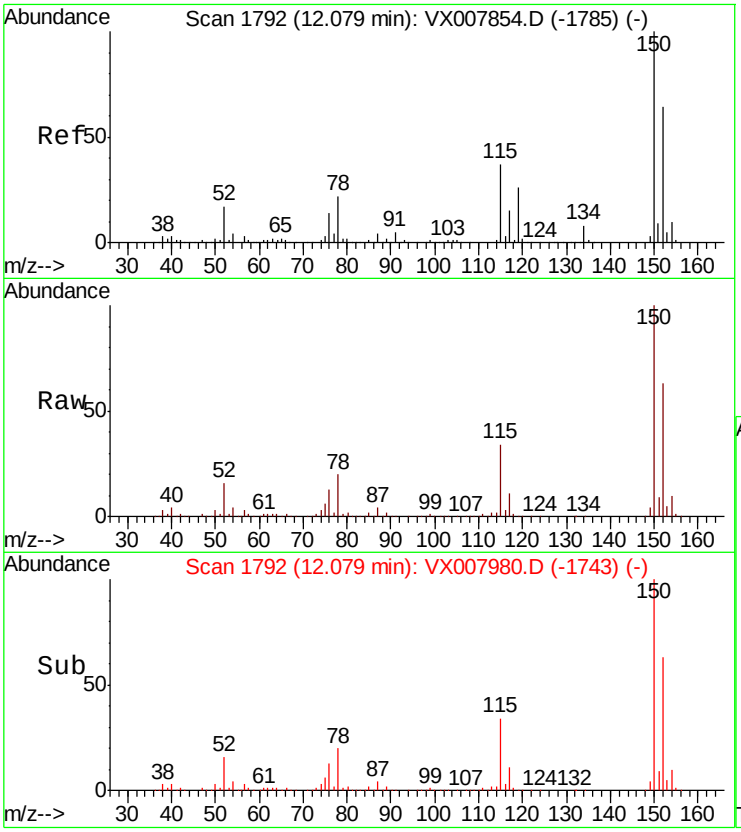


#64
Tetrachloroethene
Concen: 1.434 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007980.D
Acq: 11 Mar 2019 19:50

Tgt Ion:164 Resp: 4503

Ion	Ratio	Lower	Upper
164	100		
166	131.0	103.4	155.0
129	91.7	72.2	108.4
131	96.1	69.4	104.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007980.D
Acq: 11 Mar 2019 19:50

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20190308

Tgt Ion:152 Resp: 184121

Ion	Ratio	Lower	Upper
152	100		
115	55.1	38.6	115.7
150	157.2	0.0	348.4