Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100318\
Data File : VD060123.D
Acq On : 3 Oct 2018 17:37
Operator : VA/AP
Sample : J5237-01RE
Misc : 5.05g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : BSS-UST-1ARE

Quant Time: Oct 04 04:30:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1161327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.43	114	1610117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1308268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	723701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	511661	58.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.24%			
35) Dibromofluoromethane	6.30	113	675474	55.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.50%			
50) Toluene-d8	9.44	98	1720657	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.70%			
62) 4-Bromofluorobenzene	12.43	95	706525	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.24%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.92	59	2409	3.816	ug/l #	74
16) Acetone	3.14	43	13798	8.638	ug/l #	84
18) Methyl Acetate	3.53	43	6301	1.835	ug/l #	63
20) Methylene Chloride	3.70	84	189335	11.770	ug/l	99
25) 2-Butanone	5.64	43	6620	1.659	ug/l #	59
29) Tetrahydrofuran	5.93	42	4572	1.972	ug/l #	74
31) Cyclohexane	6.38	56	20926	1.097	ug/l #	1
36) 1,1-Dichloropropene	6.38	75	81883	5.322	ug/l #	47
38) Carbon Tetrachloride	6.39	117	89495	6.409	ug/l #	16
58) 2-Chloroethyl Vinyl ether	8.90	63	5700	1.097	ug/l #	83
76) 1,2,3-Trichloropropane	12.43	75	258066	24.761	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.43	75	283061	96.657	ug/l #	13

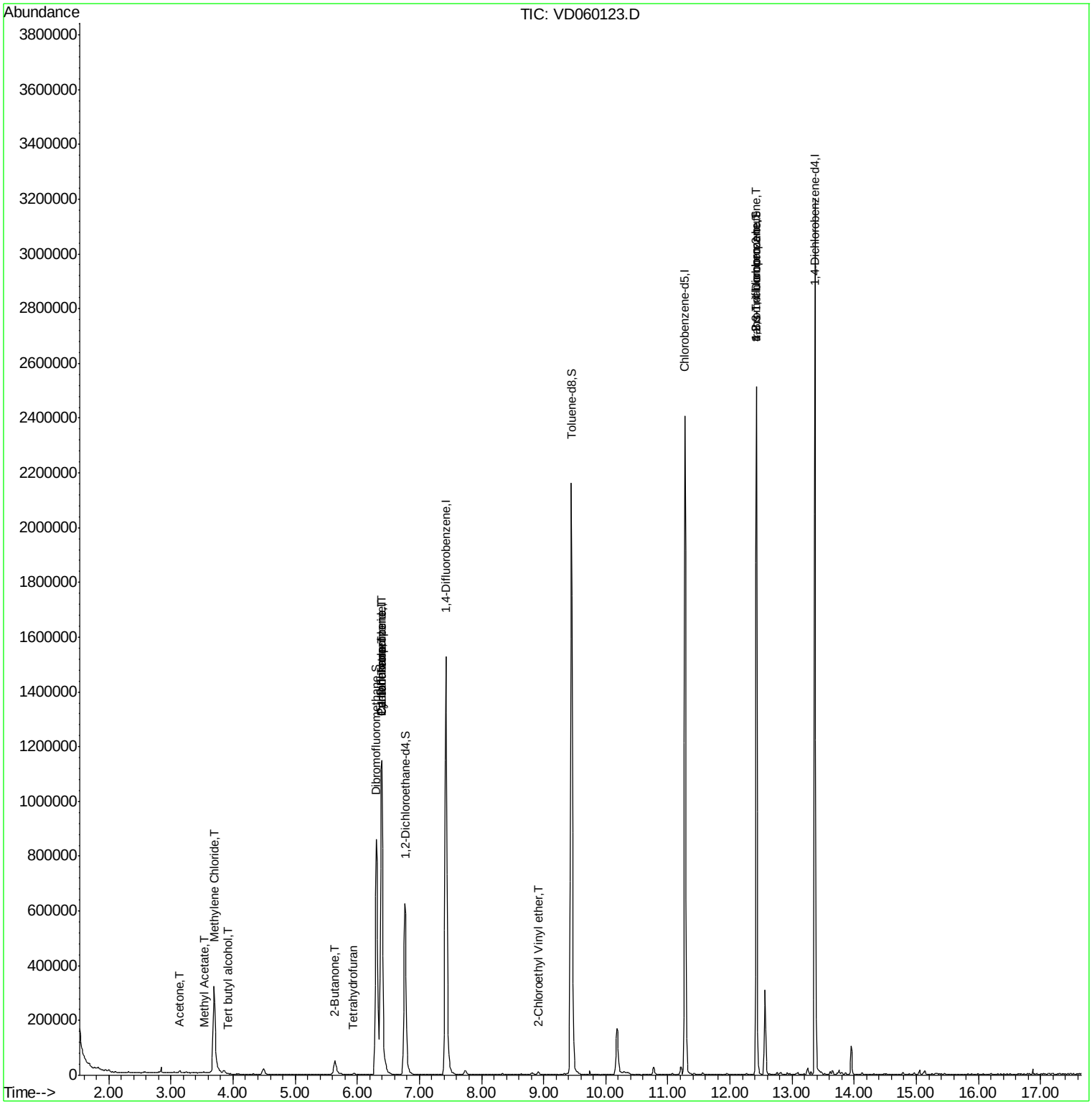
(#) = qualifier out of range (m) = manual integration (+) = signals summed

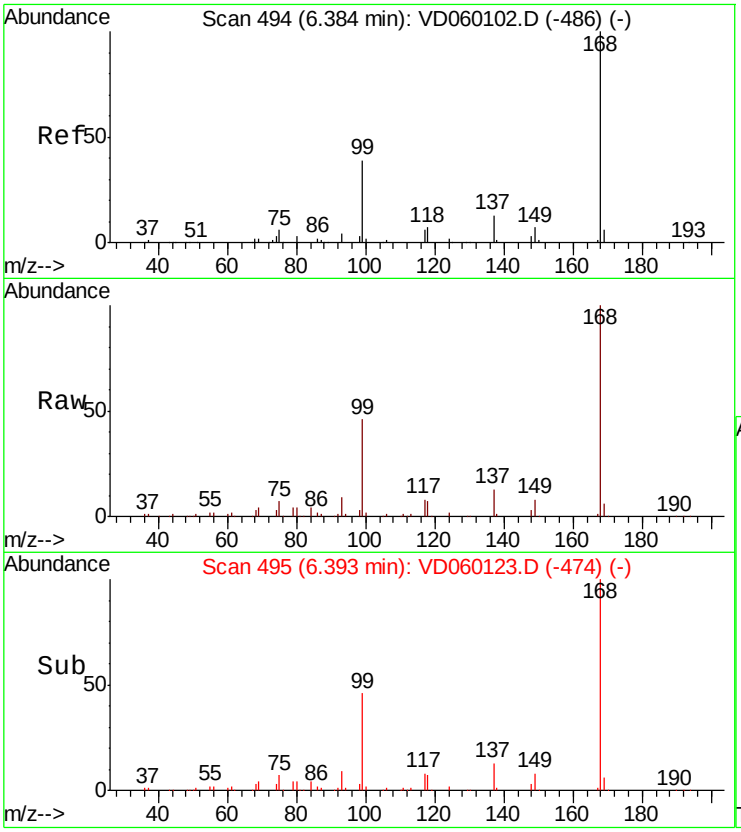
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100318\
Data File : VD060123.D
Acq On : 3 Oct 2018 17:37
Operator : VA/AP
Sample : J5237-01RE
Misc : 5.05g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : BSS-UST-1ARE

Quant Time: Oct 04 04:30:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration



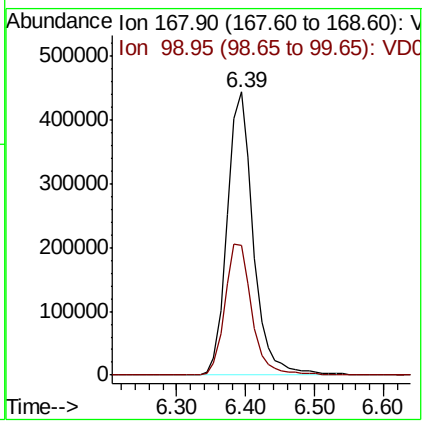


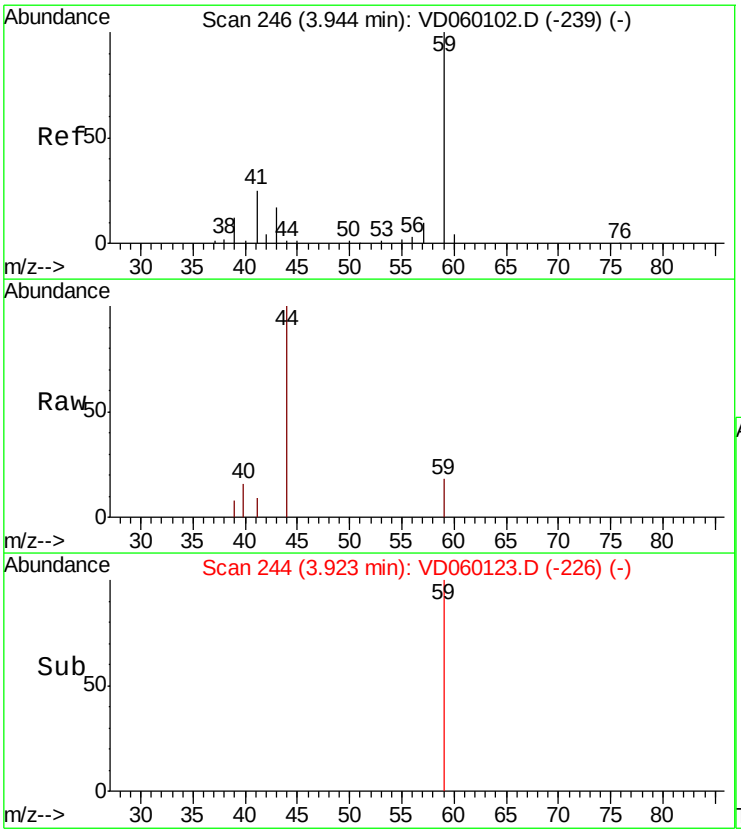
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.39 min Scan# 495
Delta R.T. 0.01 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Instrument :
MSVOA_D
ClientSampleId :
BSS-UST-1ARE

Tgt Ion:168 Resp: 1161327

Ion	Ratio	Lower	Upper
168	100		
99	45.9	35.4	53.0

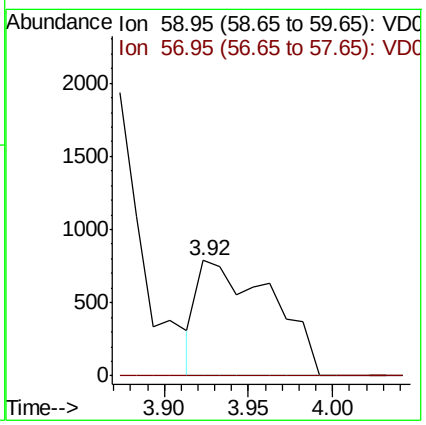


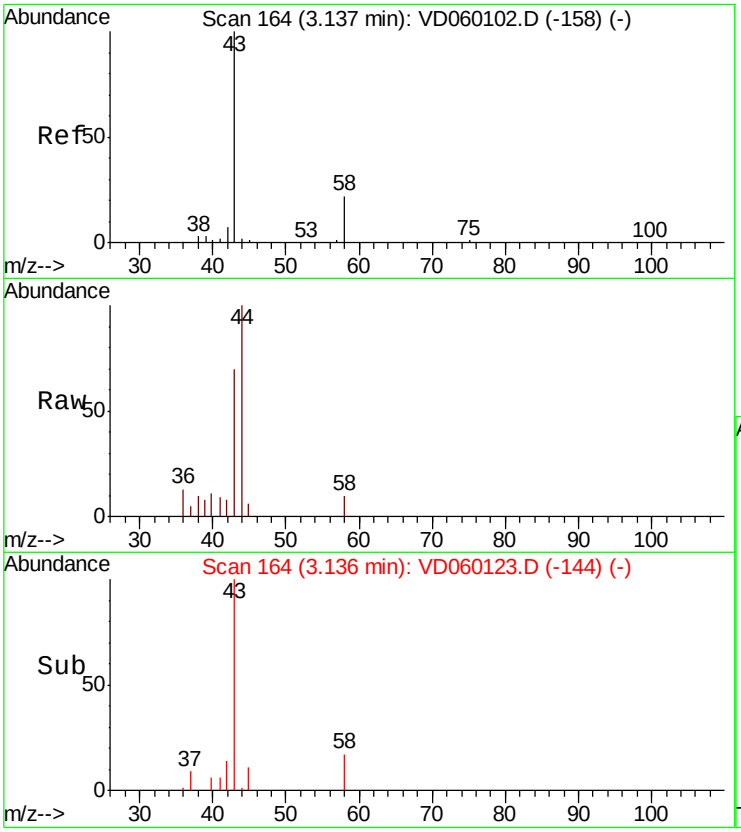


#11
Tert butyl alcohol
Concen: 3.816 ug/l
RT: 3.92 min Scan# 244
Delta R.T. -0.02 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Tgt Ion: 59 Resp: 2409

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



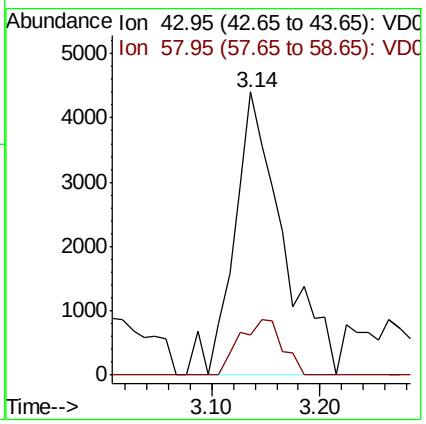


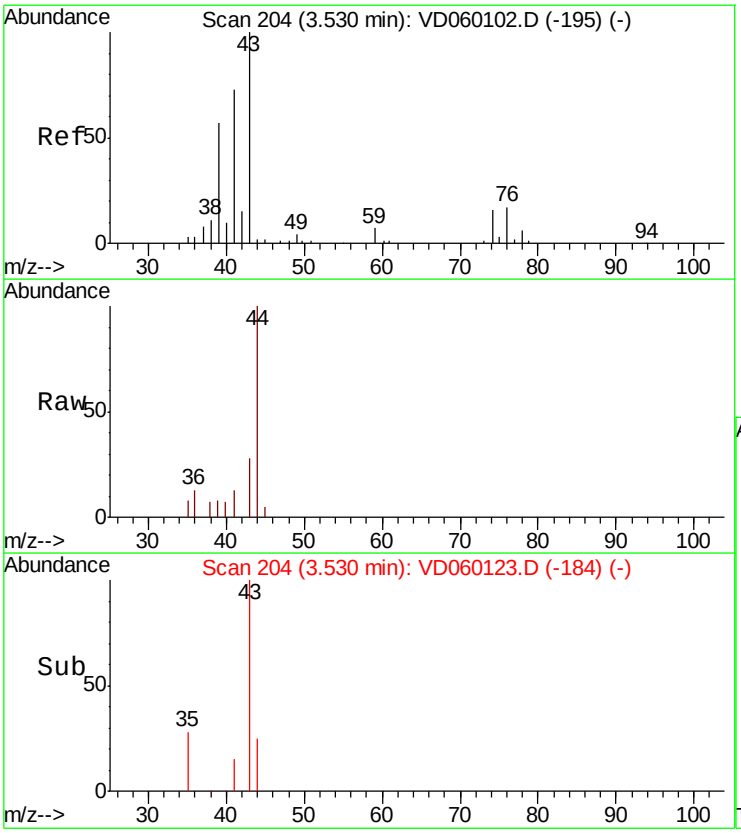
#16
Acetone
Concen: 8.638 ug/l
RT: 3.14 min Scan# 164
Delta R.T. -0.00 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Instrument :
MSVOA_D
ClientSampleId :
BSS-UST-1ARE

Tgt Ion: 43 Resp: 13798

Ion	Ratio	Lower	Upper
43	100		
58	14.3	17.7	26.5#

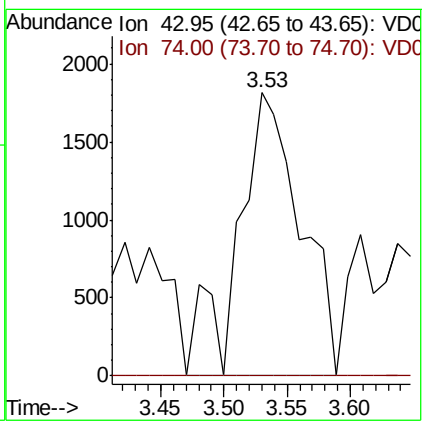


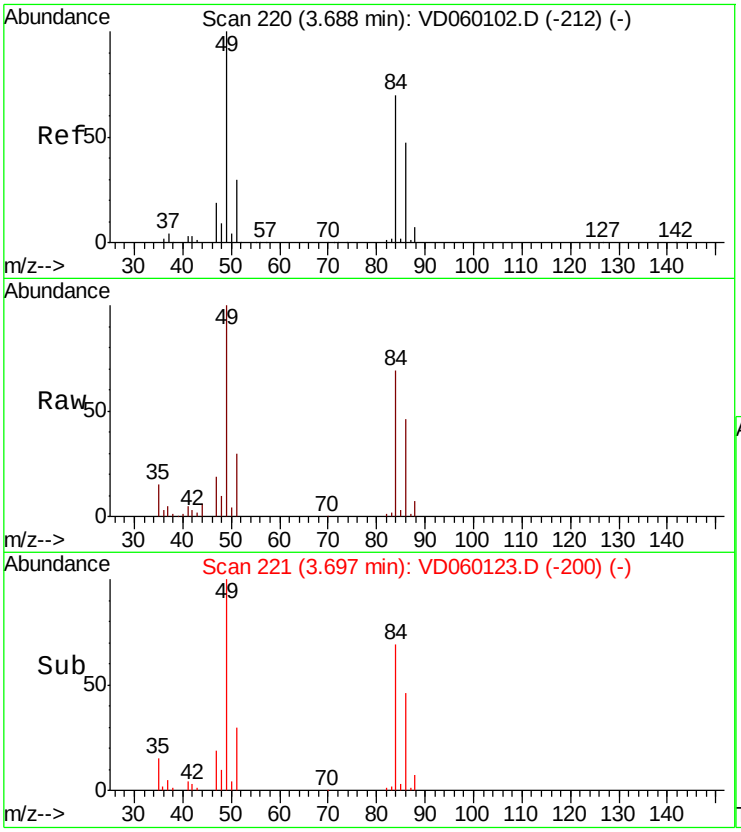


#18
Methyl Acetate
Concen: 1.835 ug/l
RT: 3.53 min Scan# 204
Delta R.T. -0.00 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Tgt Ion: 43 Resp: 6301

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.6	19.0#



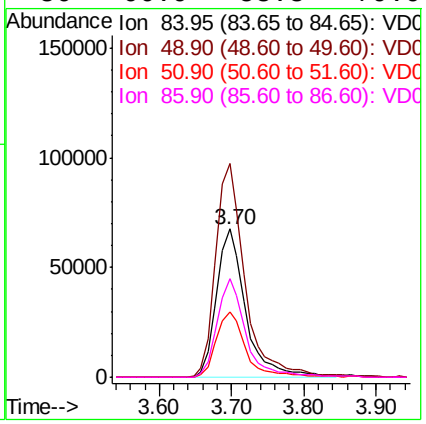


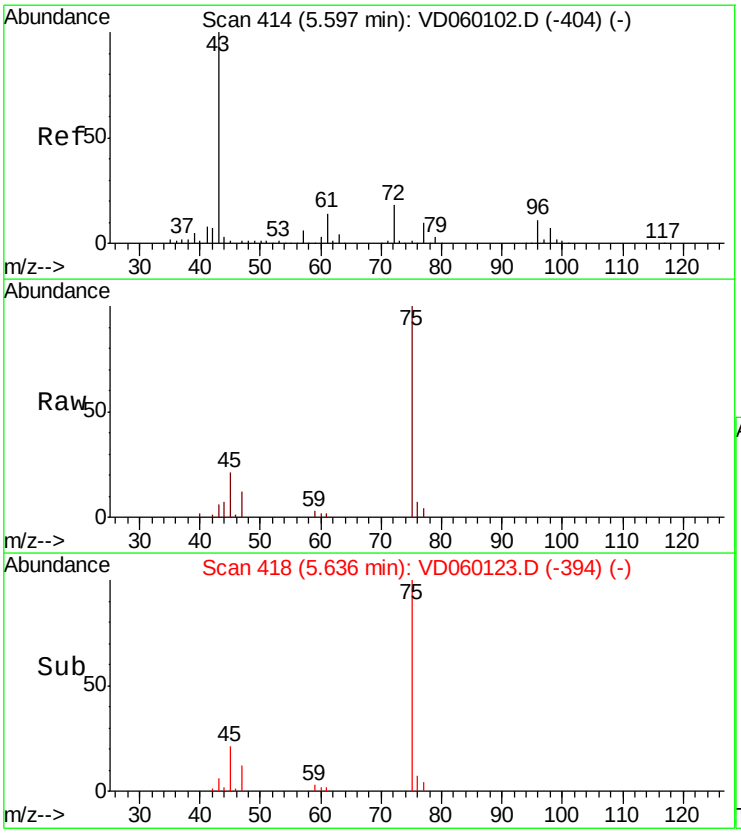
#20
Methylene Chloride
Concen: 11.770 ug/l
RT: 3.70 min Scan# 221
Delta R.T. 0.01 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Instrument : MSVOA_D
ClientSampleId : BSS-UST-1ARE

Tgt Ion: 84 Resp: 189335

Ion	Ratio	Lower	Upper
84	100		
49	144.2	114.6	172.0
51	43.8	33.8	50.8
86	66.9	53.3	79.9

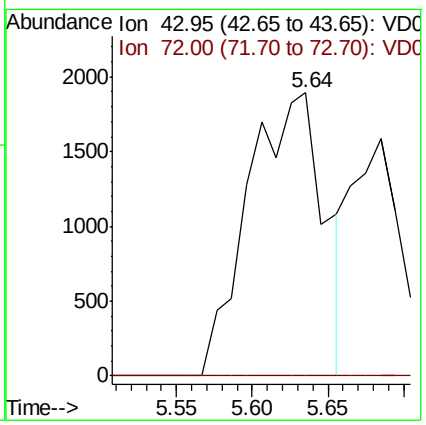


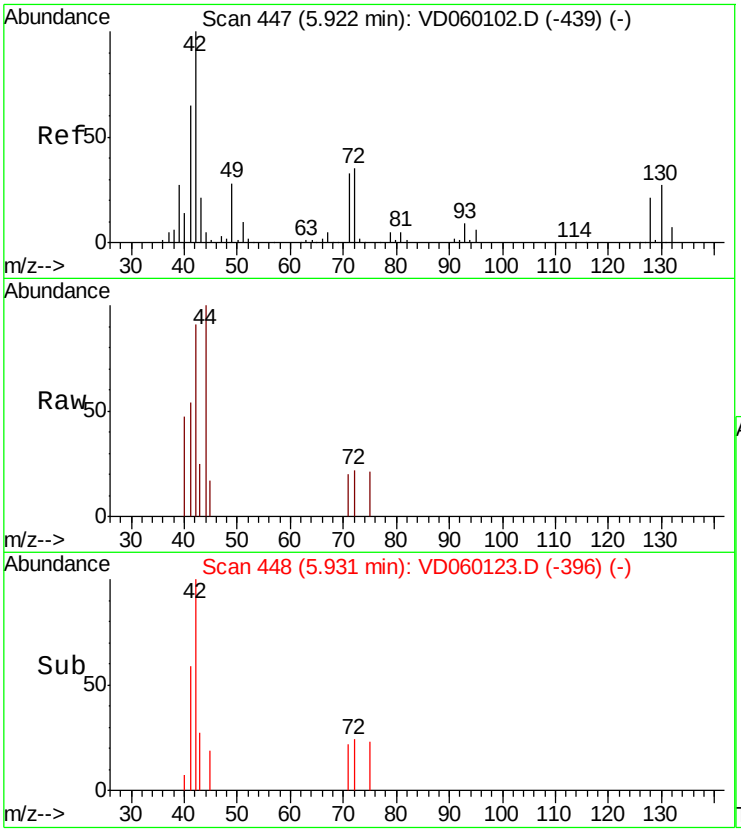


#25
2-Butanone
Concen: 1.659 ug/l
RT: 5.64 min Scan# 418
Delta R.T. 0.04 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Tgt Ion: 43 Resp: 6620

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.5	21.7#



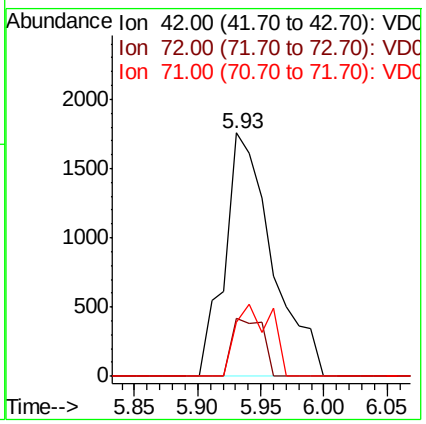


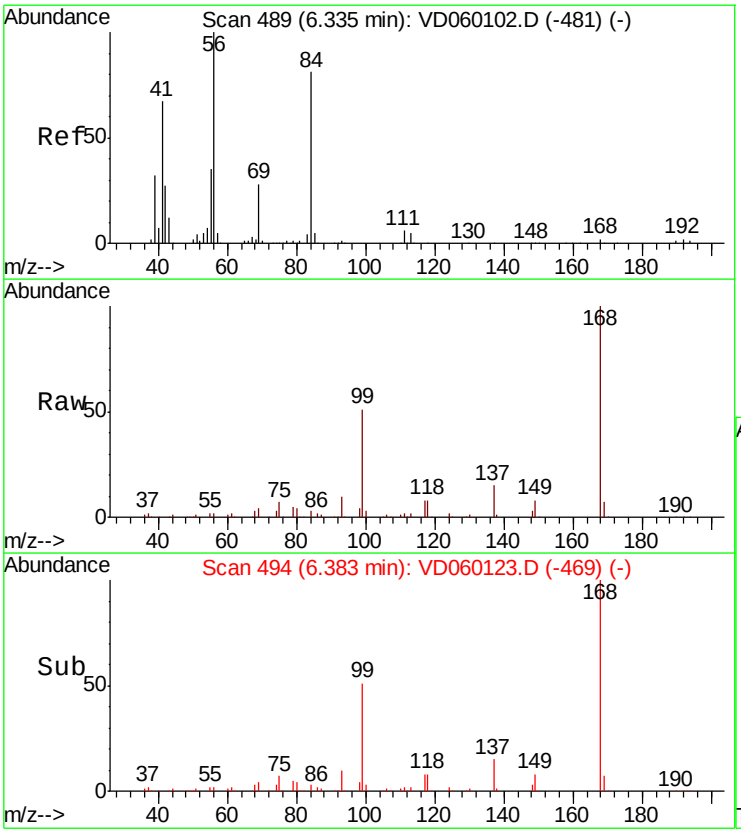
#29
Tetrahydrofuran
Concen: 1.972 ug/l
RT: 5.93 min Scan# 448
Delta R.T. 0.01 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Instrument :
MSVOA_D
ClientSampleId :
BSS-UST-1ARE

Tgt Ion: 42 Resp: 4572

Ion	Ratio	Lower	Upper
42	100		
72	15.3	26.9	40.3#
71	22.2	26.7	40.1#

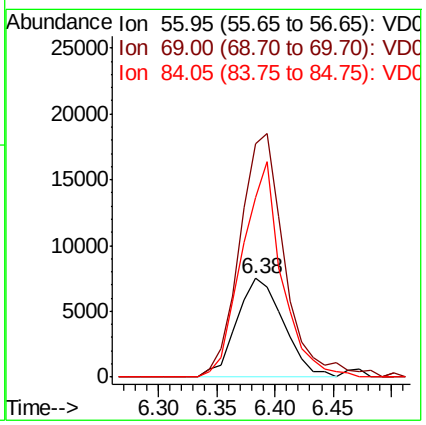


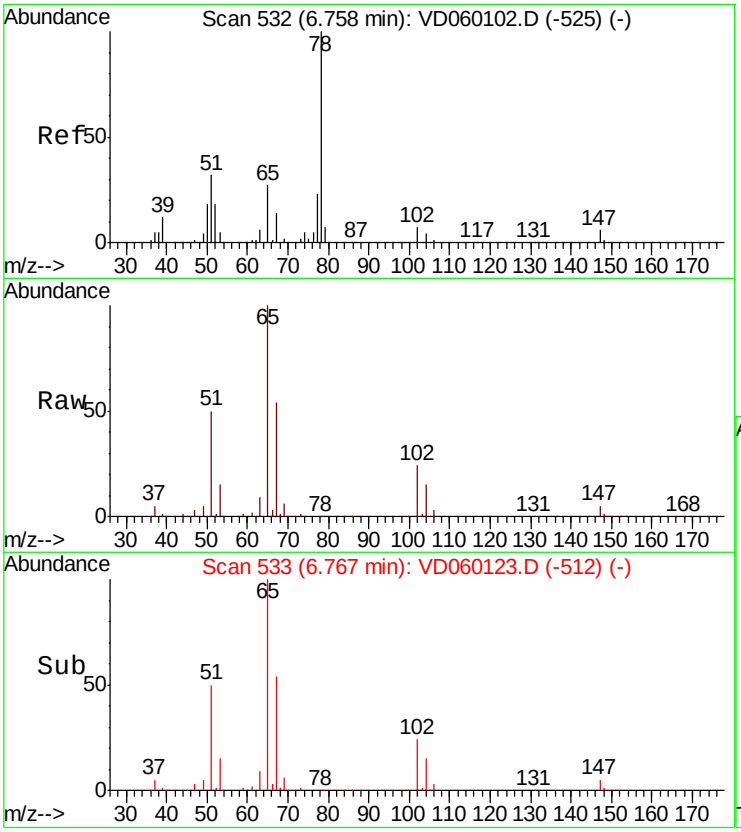


#31
Cyclohexane
Concen: 1.097 ug/l
RT: 6.38 min Scan# 494
Delta R.T. 0.05 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Tgt Ion: 56 Resp: 20926

Ion	Ratio	Lower	Upper
56	100		
69	236.5	22.8	34.2#
84	182.5	64.9	97.3#



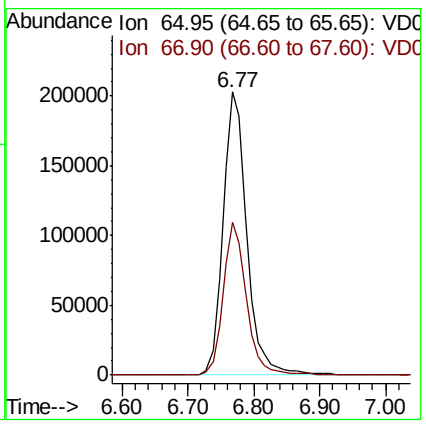


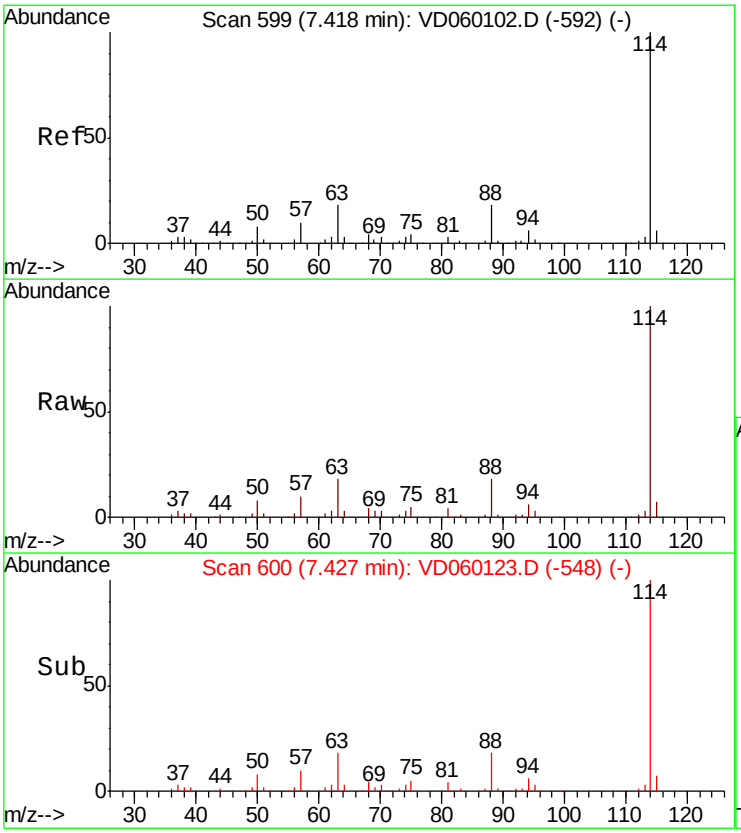
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 533
Delta R.T. 0.01 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Instrument : MSVOA_D
ClientSampleId : BSS-UST-1ARE

Tgt Ion: 65 Resp: 511661

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	106.2

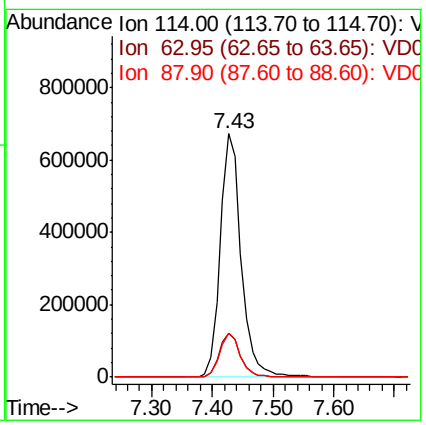


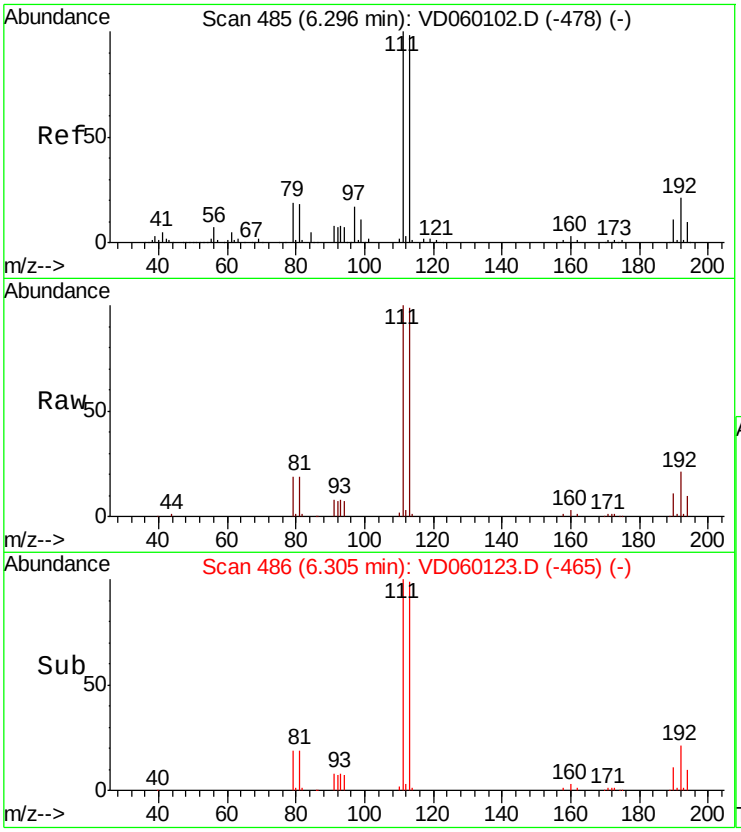


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.43 min Scan# 600
Delta R.T. 0.01 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Tgt Ion:114 Resp: 1610117

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	36.0
88	18.2	0.0	36.2



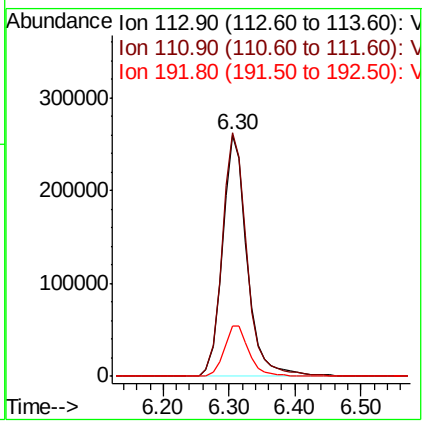


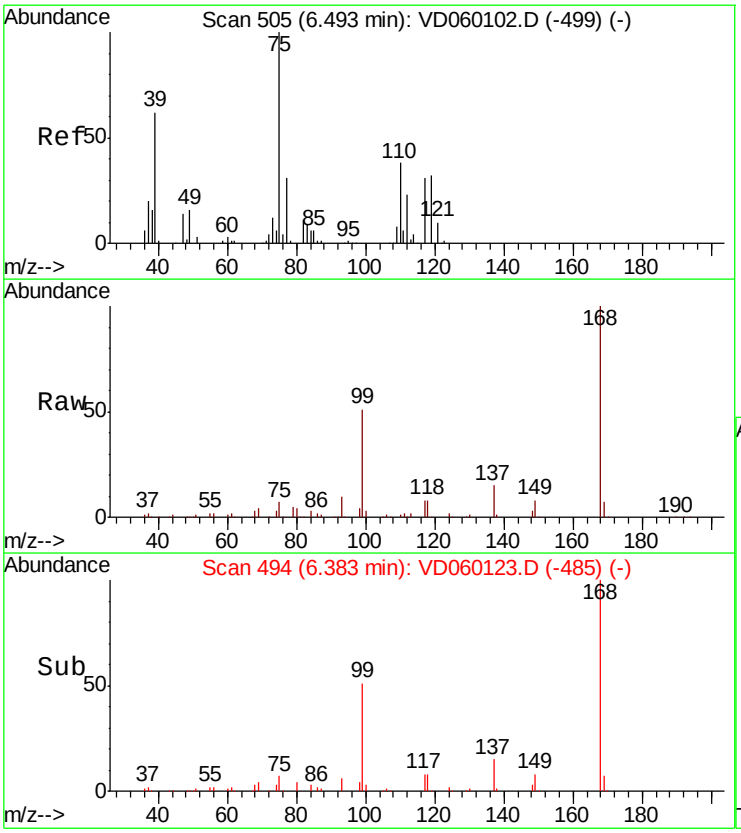
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.30 min Scan# 486
Delta R.T. 0.01 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Instrument :
MSVOA_D
ClientSampleId :
BSS-UST-1ARE

Tgt Ion:113 Resp: 675474

Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.5	122.3
192	21.0	17.4	26.0

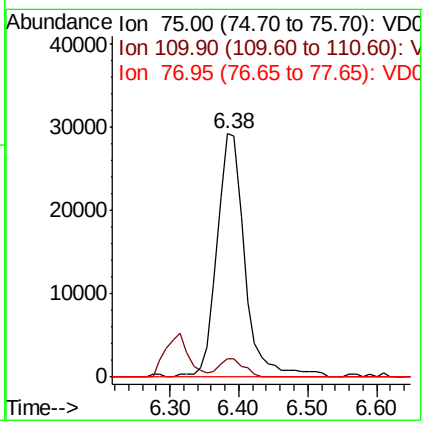


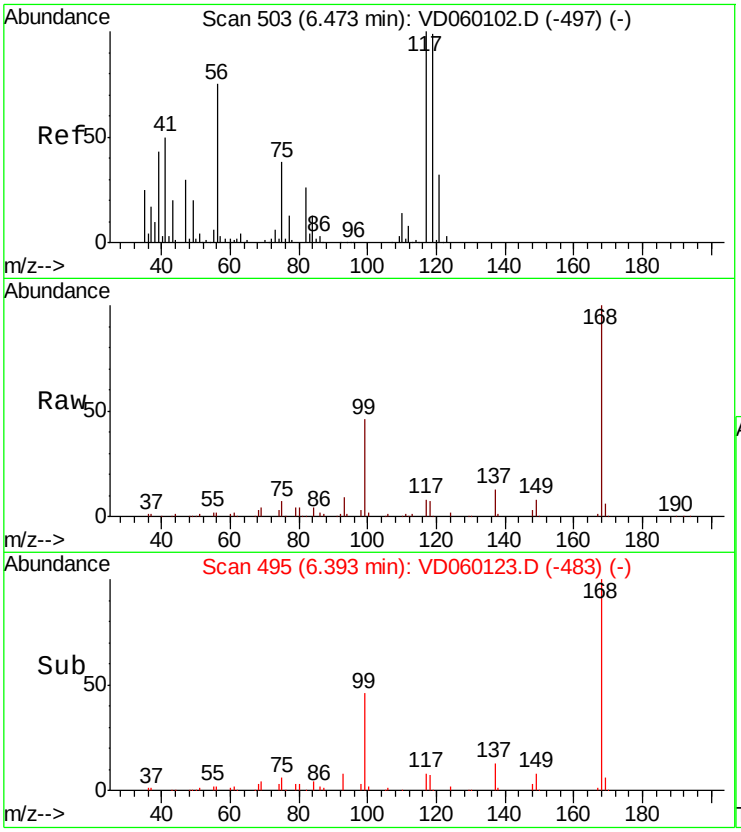


#36
1,1-Dichloropropene
Concen: 5.322 ug/l
RT: 6.38 min Scan# 494
Delta R.T. -0.11 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Tgt Ion: 75 Resp: 81883

Ion	Ratio	Lower	Upper
75	100		
110	7.6	19.0	57.0#
77	0.0	24.9	37.3#



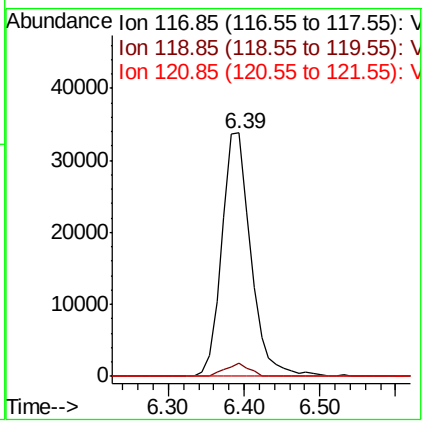


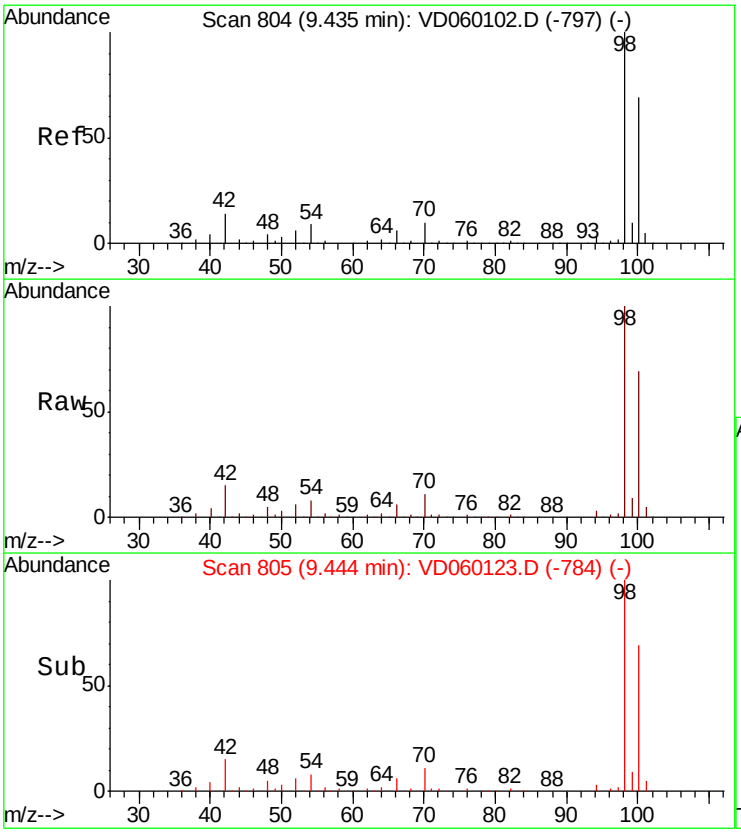
#38
Carbon Tetrachloride
Concen: 6.409 ug/l
RT: 6.39 min Scan# 495
Delta R.T. -0.08 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Instrument :
MSVOA_D
ClientSampleId :
BSS-UST-1ARE

Tgt Ion:117 Resp: 89495

Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.8	116.6#
121	0.0	24.8	37.2#

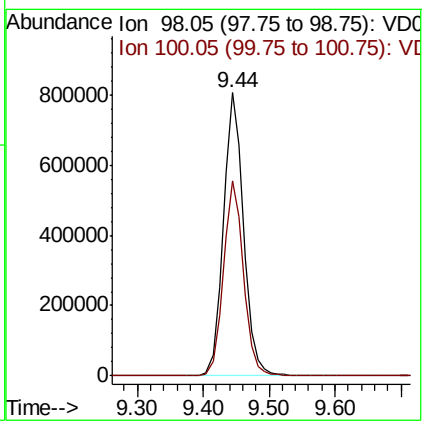


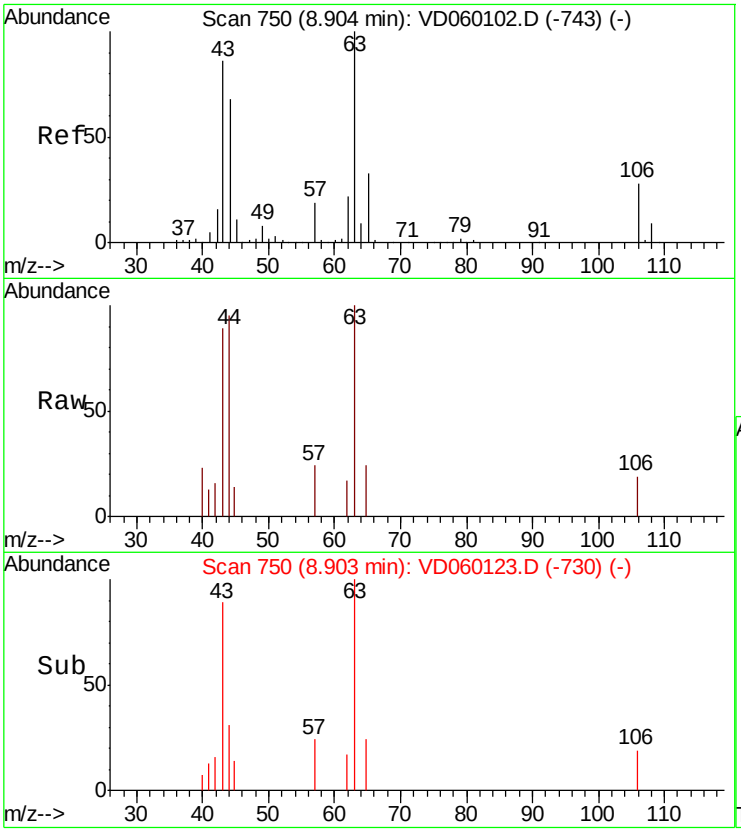


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 805
Delta R.T. 0.01 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Tgt Ion: 98 Resp: 1720657

Ion	Ratio	Lower	Upper
98	100		
100	69.0	55.4	83.0



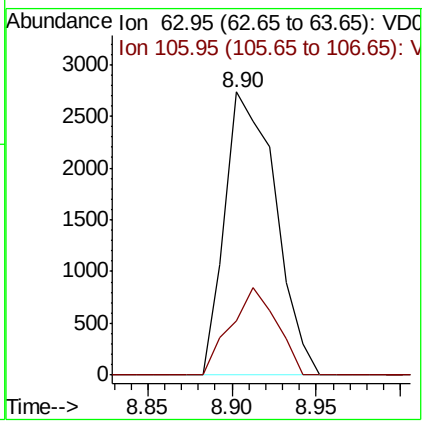


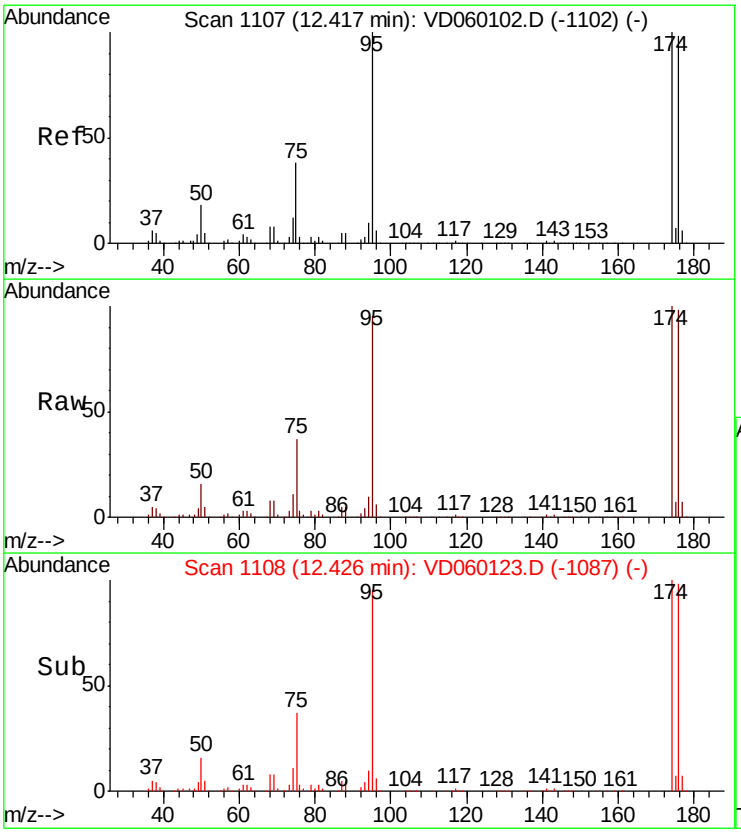
#58
2-Chloroethyl Vinyl ether
Concen: 1.097 ug/l
RT: 8.90 min Scan# 750
Delta R.T. -0.00 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Instrument : MSVOA_D
ClientSampleId : BSS-UST-1ARE

Tgt Ion: 63 Resp: 5700

Ion	Ratio	Lower	Upper
63	100		
106	19.2	22.6	34.0#

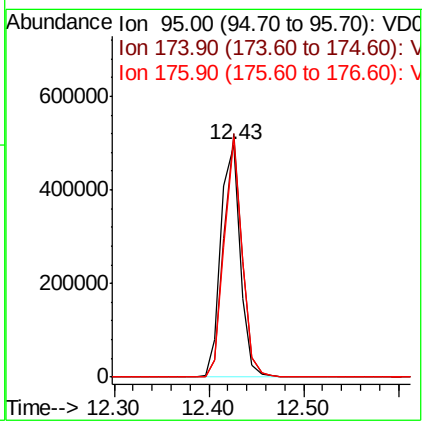


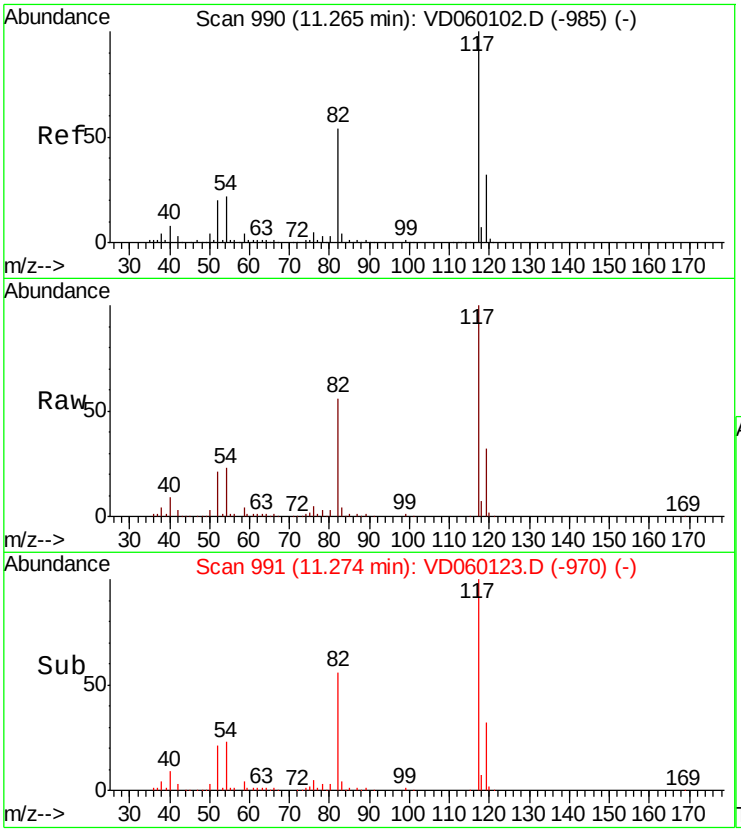


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Tgt Ion: 95 Resp: 706525

Ion	Ratio	Lower	Upper
95	100		
174	104.7	0.0	200.2
176	103.1	0.0	195.6



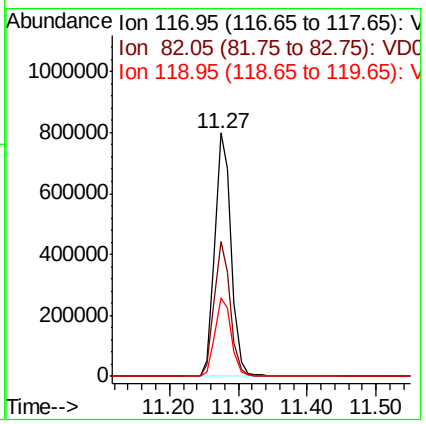


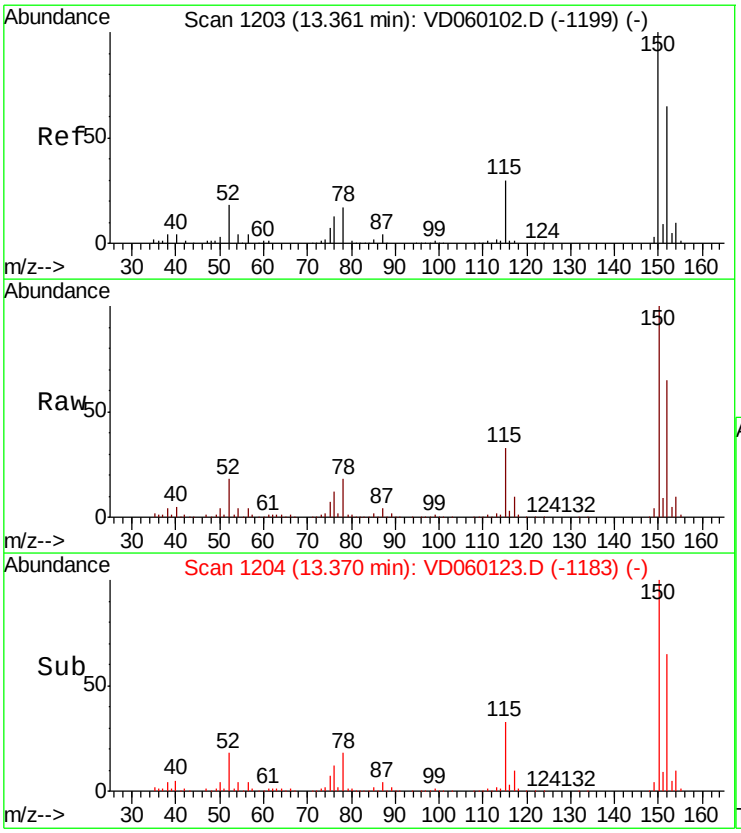
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Instrument : MSVOA_D
ClientSampleId : BSS-UST-1ARE

Tgt Ion:117 Resp: 1308268

Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.4	65.2
119	32.3	26.0	39.0

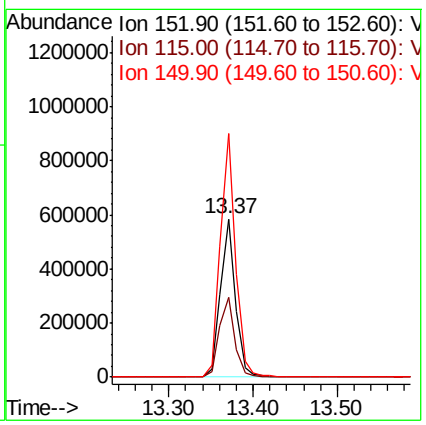


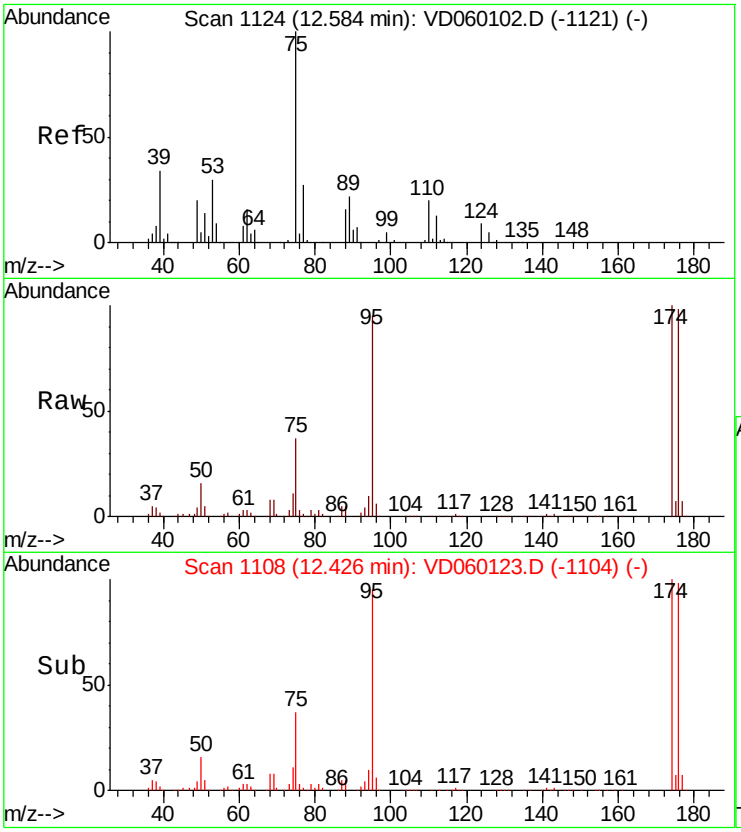


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Tgt Ion:152 Resp: 723701

Ion	Ratio	Lower	Upper
152	100		
115	50.4	27.1	81.2
150	153.9	0.0	311.8



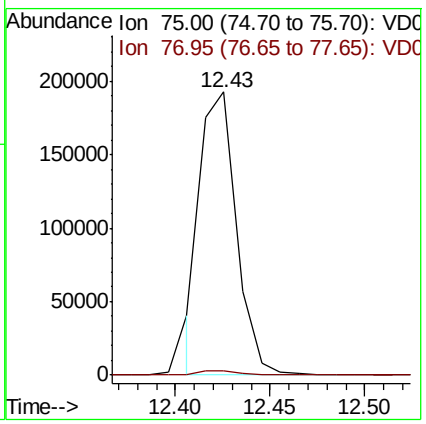


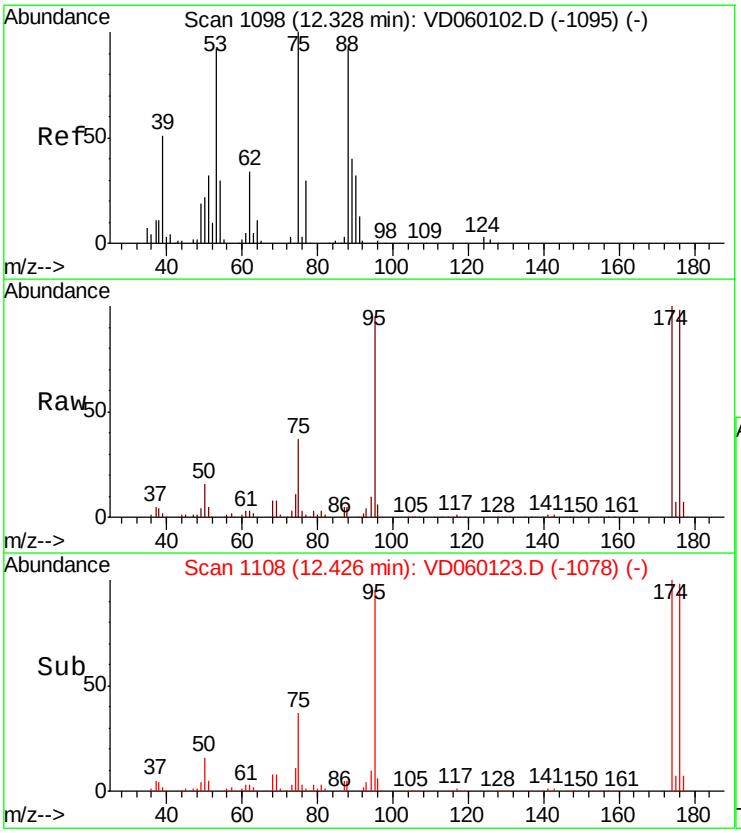
#76
1,2,3-Trichloropropane
Concen: 24.761 ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.16 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Instrument :
MSVOA_D
ClientSampleId :
BSS-UST-1ARE

Tgt Ion: 75 Resp: 258066

Ion	Ratio	Lower	Upper
75	100		
77	1.5	16.3	48.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 96.657 ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.10 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Tgt Ion: 75 Resp: 283061

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.0	109.6#
89	0.0	32.0	48.0#