Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020619\

Quantitation Report (Not Reviewed)

Data File : VW008530.D
Acq On : 06 Feb 2019 16:21
Operator : SY/VA
Sample : K1379-01
Misc : 6.20G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HR-6A

Quant Time: Feb 07 01:49:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	543582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	864929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	737203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	290342	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	283552	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.20%			
35) Dibromofluoromethane	7.88	113	271562	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.38%			
50) Toluene-d8	10.32	98	1021407	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.72%			
62) 4-Bromofluorobenzene	12.62	95	332439	42.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	216	3.317	ug/l #	41
7) Trichlorofluoromethane	3.25	101	241	4.769	ug/l #	17
11) Tert butyl alcohol	5.17	59	1333	3.100	ug/l #	70
13) Acrolein	3.88	56	1131	7.117	ug/l #	14
16) Acetone	4.12	43	207132	172.723	ug/l	96
17) Carbon Disulfide	4.37	76	23666	1.489	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	9549	1.160	ug/l #	1
20) Methylene Chloride	4.92	84	13371	2.419	ug/l #	79
25) 2-Butanone	7.17	43	64753	38.875	ug/l	91
26) 2,2-Dichloropropane	7.15	77	23275	3.397	ug/l #	54
29) Tetrahydrofuran	7.54	42	1963	1.860	ug/l #	88
31) Cyclohexane	7.95	56	20632	1.969	ug/l #	50
36) 1,1-Dichloropropene	7.94	75	39462	4.830	ug/l #	52
37) Ethyl Acetate	7.17	43	64753	17.914	ug/l #	71
38) Carbon Tetrachloride	7.95	117	52867	6.430	ug/l #	16
39) Methylcyclohexane	9.33	83	58499	5.450	ug/l	99
40) Benzene	8.32	78	38547	1.700	ug/l	95
49) 1,4-Dioxane	9.45	88	71	1.445	ug/l #	1
52) Toluene	10.38	92	28691	1.917	ug/l	97
55) 1,1,2-Trichloroethane	10.76	97	51954	12.883	ug/l #	21
56) Ethyl methacrylate	10.66	69	17014	3.011	ug/l #	1
59) 2-Hexanone	10.93	43	22755	8.688	ug/l #	34
67) Ethyl Benzene	11.73	91	58967	2.132	ug/l	97
68) m/p-Xylenes	11.84	106	44803	4.174	ug/l	97
69) o-Xylene	12.16	106	32639	3.201	ug/l	95
70) Styrene	12.18	104	44307	2.630	ug/l	96
73) Isopropylbenzene	12.47	105	88096	4.070	ug/l	98
74) N-amyl acetate	12.26	43	23882	4.283	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.69	83	5181	1.512	ug/l #	62
76) 1,2,3-Trichloropropane	12.62	75	168291	66.668	ug/l #	1
78) n-propylbenzene	12.80	91	56248	2.164	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	66637	3.683	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.62	75	168291	131.674	ug/l #	12
83) tert-Butylbenzene	13.26	119	25468	1.582	ug/l #	62

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020619\

Quantitation Report (Not Reviewed)

Data File : VW008530.D
Acq On : 06 Feb 2019 16:21
Operator : SY/VA
Sample : K1379-01
Misc : 6.20G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HR-6A

Quant Time: Feb 07 01:49:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
84) 1,2,4-Trimethylbenzene	13.26	105	229935	12.504	ug/l		99
85) sec-Butylbenzene	13.38	105	36087	1.569	ug/l		90
86) p-Isopropyltoluene	13.50	119	49166	2.441	ug/l		97
89) n-Butylbenzene	13.82	91	40544	2.050	ug/l	#	78
90) Hexachloroethane	14.10	117	10924	2.774	ug/l	#	10
92) 1,2-Dibromo-3-Chloropropan	14.51	75	673	1.035	ug/l	#	1
95) Naphthalene	15.37	128	74477	7.036	ug/l	#	93

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

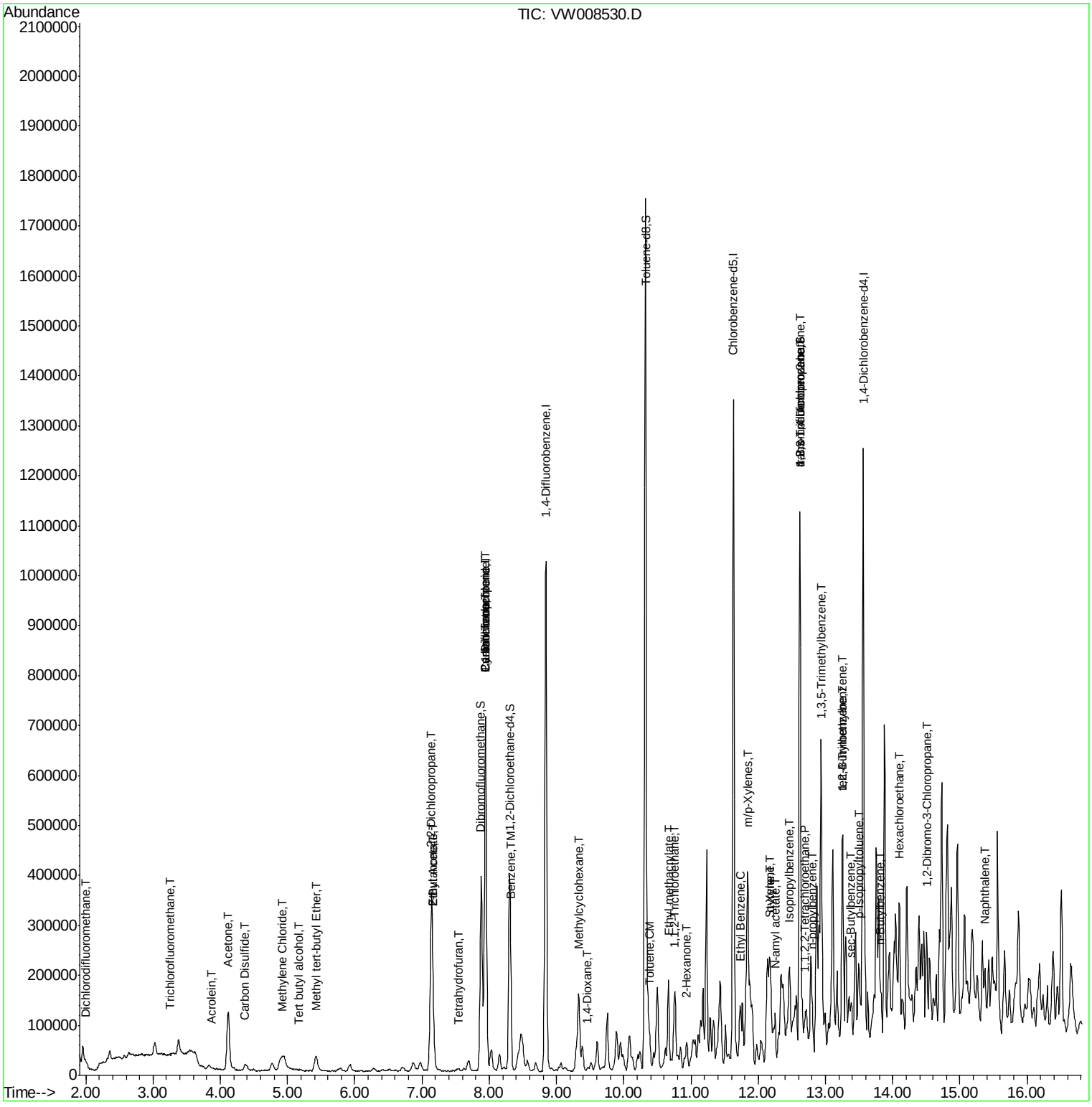
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020619\

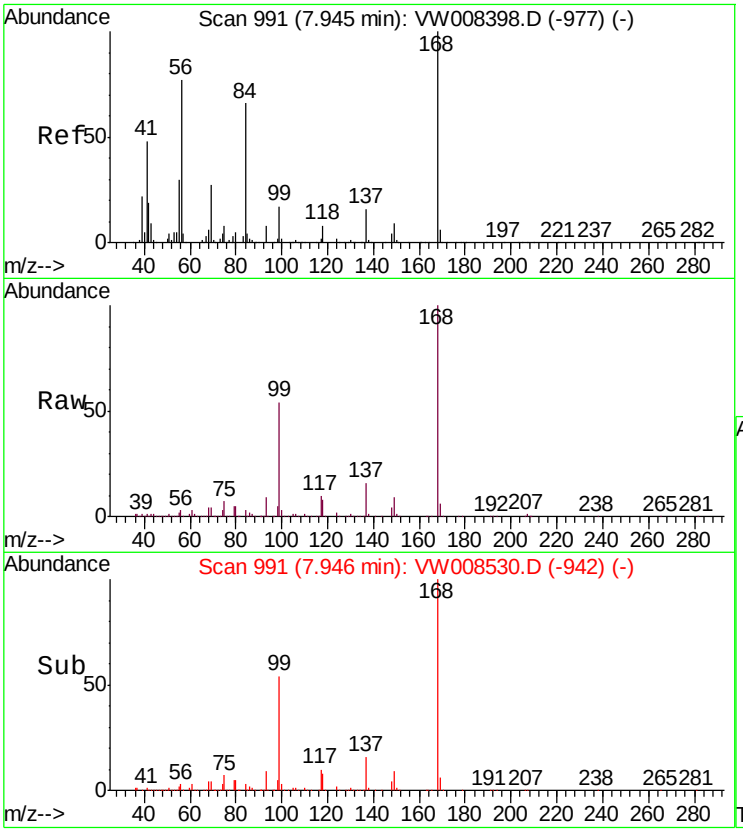
Quantitation Report (Not Reviewed)

Data File : VW008530.D
Acq On : 06 Feb 2019 16:21
Operator : SY/VA
Sample : K1379-01
Misc : 6.20G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-6A

Quant Time: Feb 07 01:49:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration



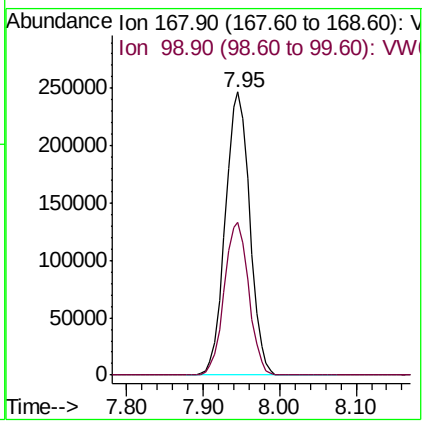


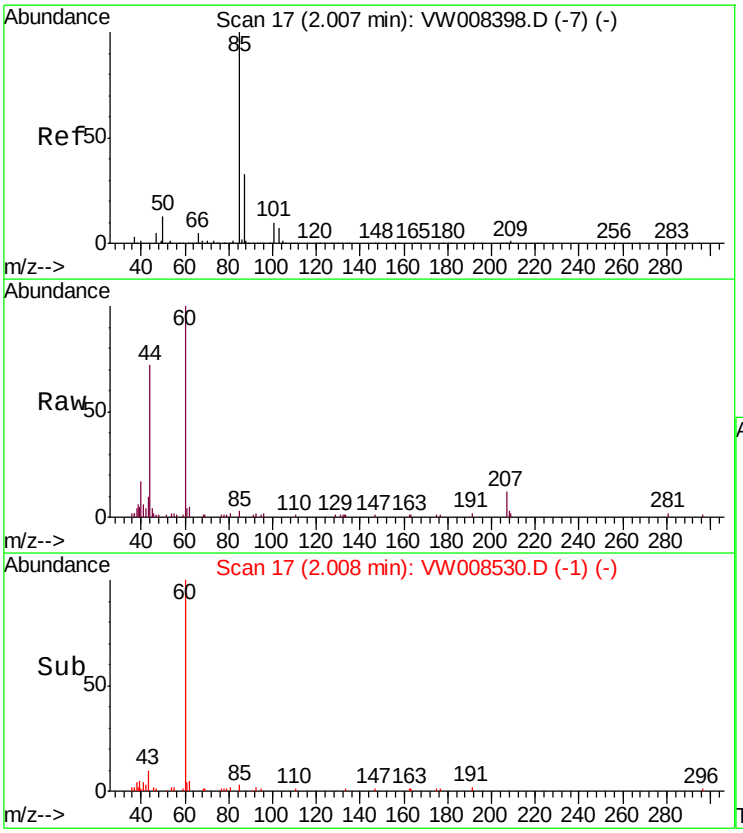
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW008530.D
Acq: 06 Feb 2019 16:21

Instrument :
MSVOA_W
ClientSampleId :
HR-6A

Tgt Ion:168 Resp: 543582

Ion	Ratio	Lower	Upper
168	100		
99	54.0	45.5	68.3

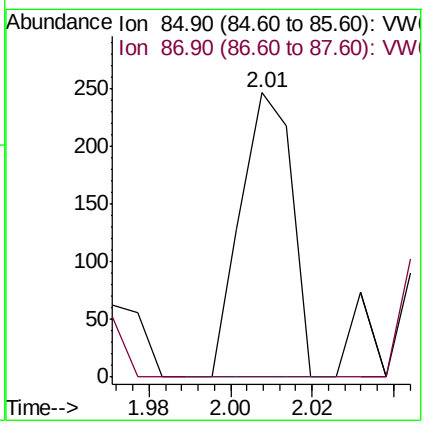


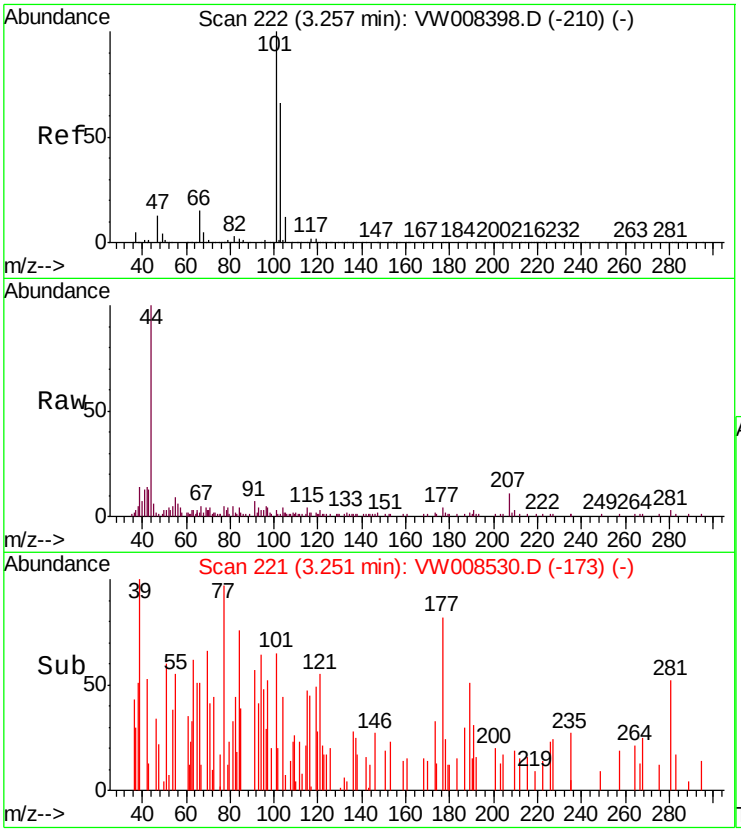


#2
Dichlorodifluoromethane
Concen: 3.317 ug/l
RT: 2.01 min Scan# 17
Delta R.T. 0.00 min
Lab File: VW008530.D
Acq: 06 Feb 2019 16:21

Tgt Ion: 85 Resp: 216

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.1#



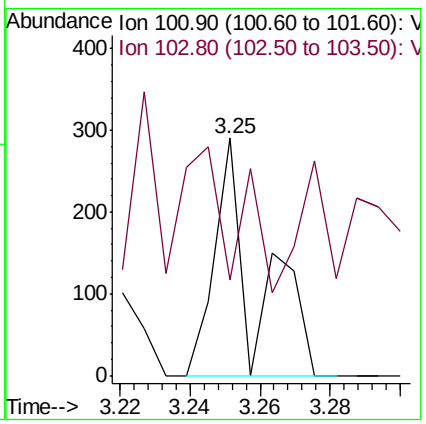


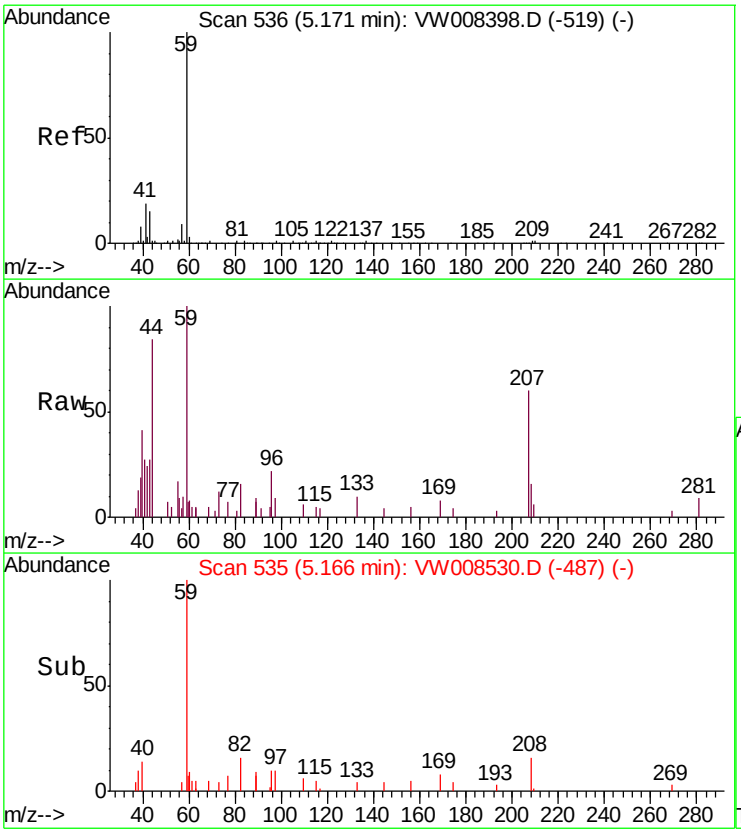
#7
Trichlorofluoromethane
Concen: 4.769 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008530.D
Acq: 06 Feb 2019 16:21

Instrument : MSVOA_W
ClientSampleId : HR-6A

Tgt Ion:101 Resp: 241

Ion	Ratio	Lower	Upper
101	100		
103	0.0	52.5	78.7#

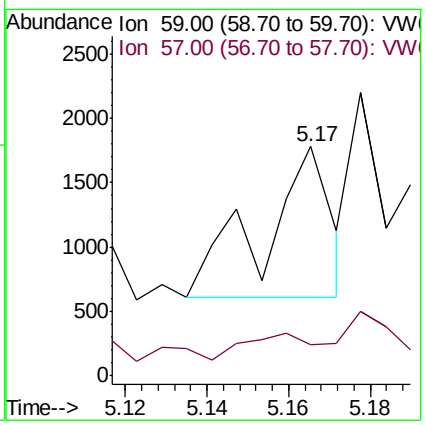


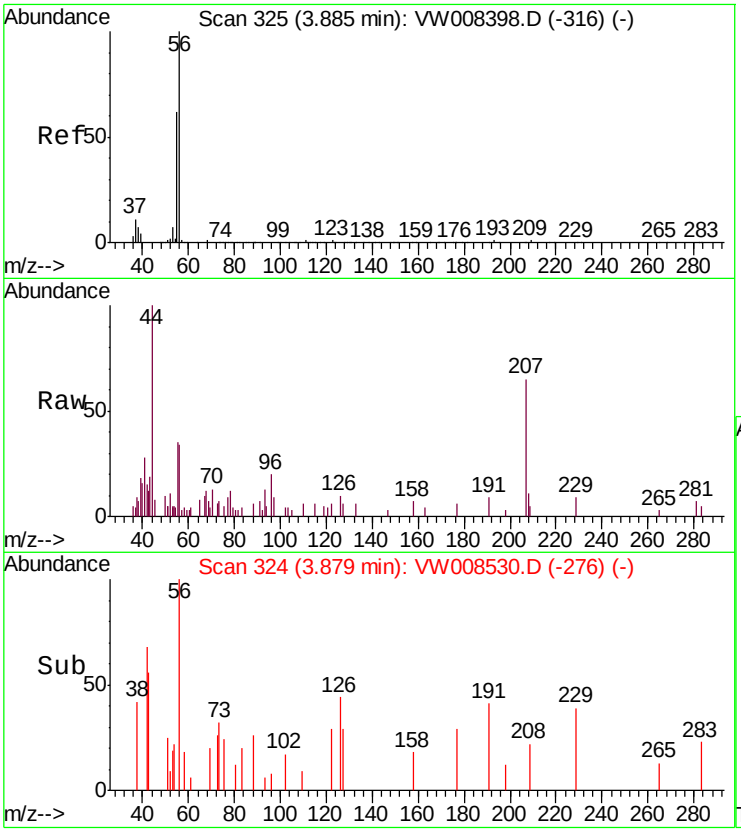


#11
Tert butyl alcohol
Concen: 3.100 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW008530.D
Acq: 06 Feb 2019 16:21

Tgt Ion: 59 Resp: 1333

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#



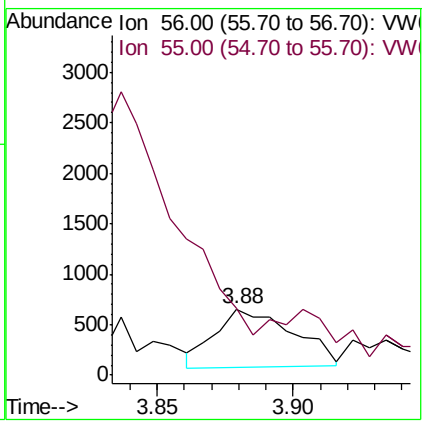


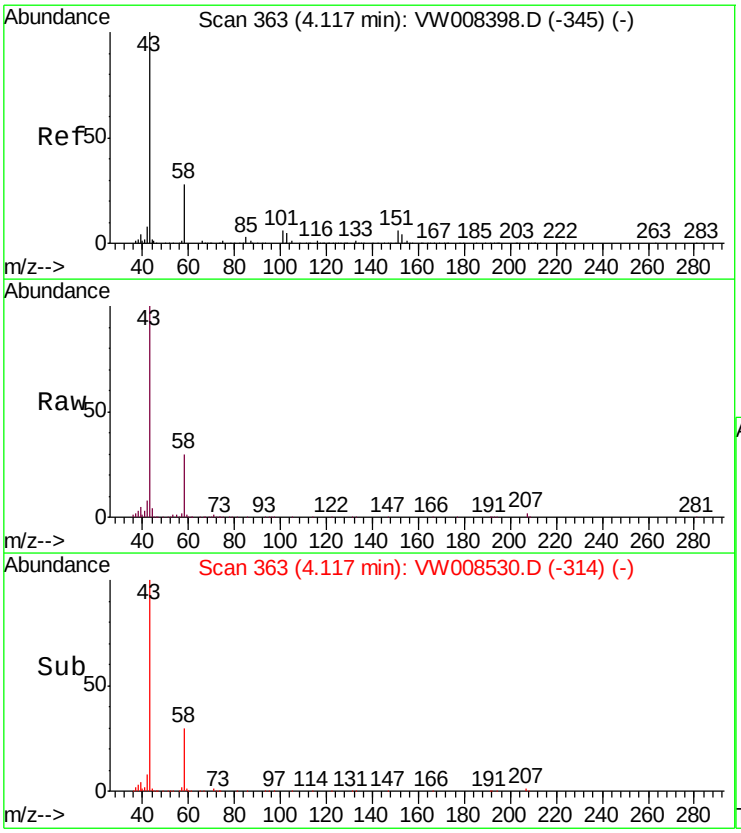
#13
Acrolein
Concen: 7.117 ug/l
RT: 3.88 min Scan# 324
Delta R.T. -0.01 min
Lab File: VW008530.D
Acq: 06 Feb 2019 16:21

Instrument : MSVOA_W
ClientSampleId : HR-6A

Tgt Ion: 56 Resp: 1131

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.7	85.1#

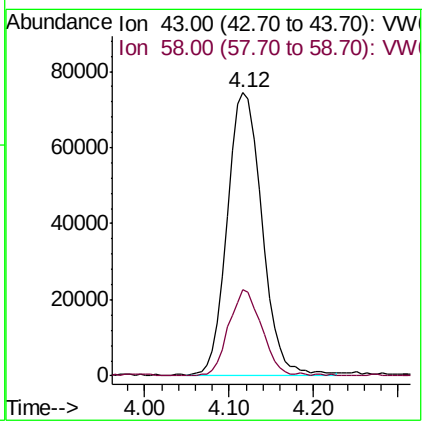


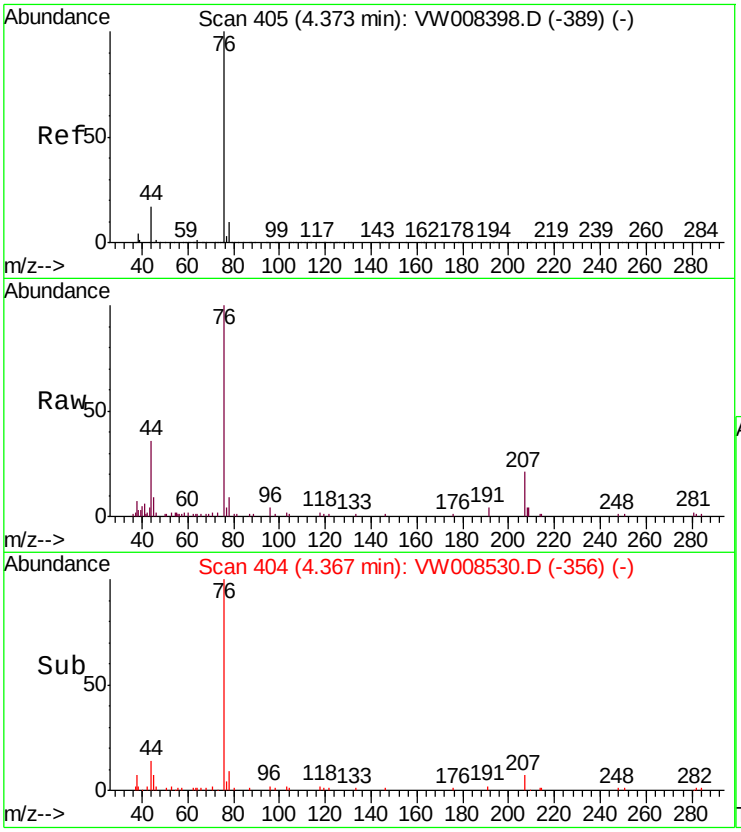


#16
Acetone
Concen: 172.723 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW008530.D
Acq: 06 Feb 2019 16:21

Tgt Ion: 43 Resp: 207132

Ion	Ratio	Lower	Upper
43	100		
58	30.3	22.6	34.0



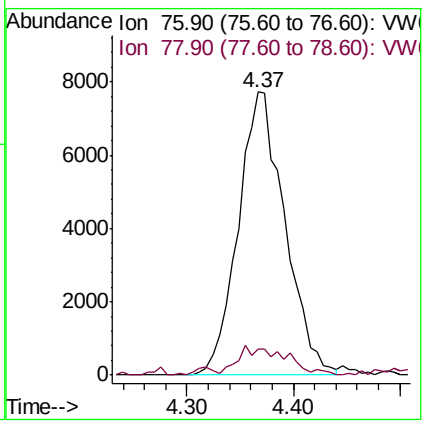


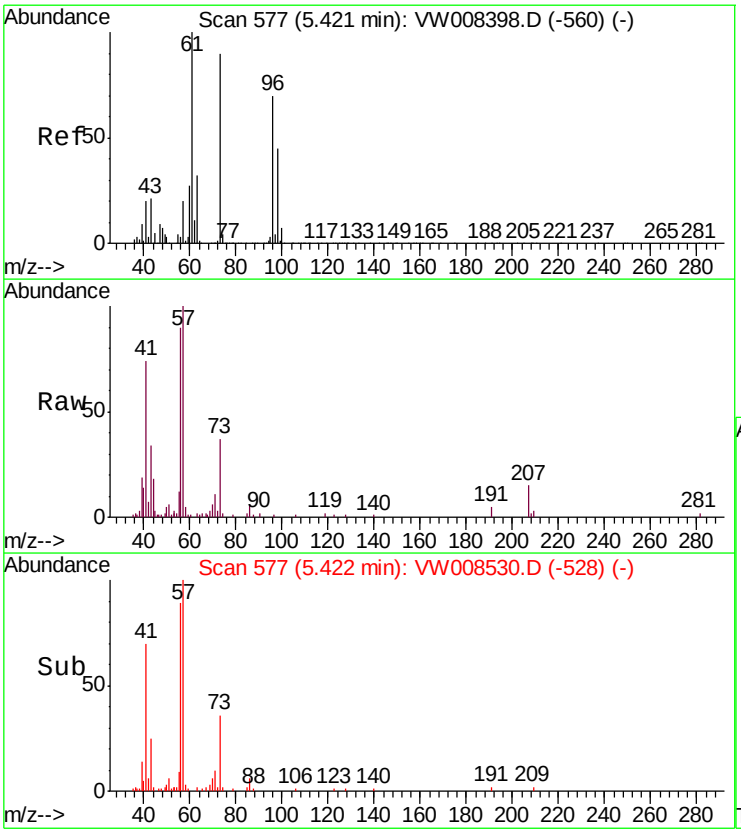
#17
Carbon Disulfide
Concen: 1.489 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW008530.D
Acq: 06 Feb 2019 16:21

Instrument :
MSVOA_W
ClientSampleId :
HR-6A

Tgt Ion: 76 Resp: 23666

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.7	11.5

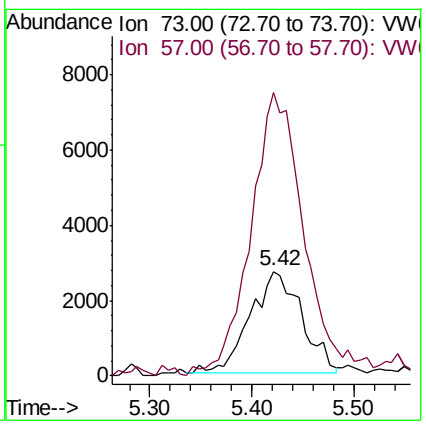


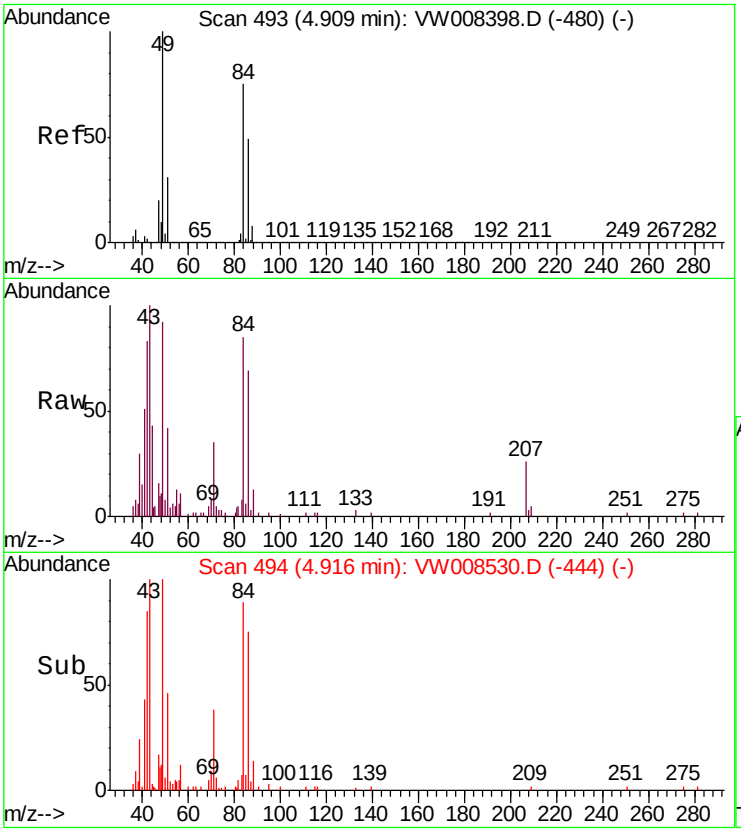


#19
Methyl tert-butyl Ether
Concen: 1.160 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW008530.D
Acq: 06 Feb 2019 16:21

Tgt Ion: 73 Resp: 9549

Ion	Ratio	Lower	Upper
73	100		
57	277.6	18.0	27.0#



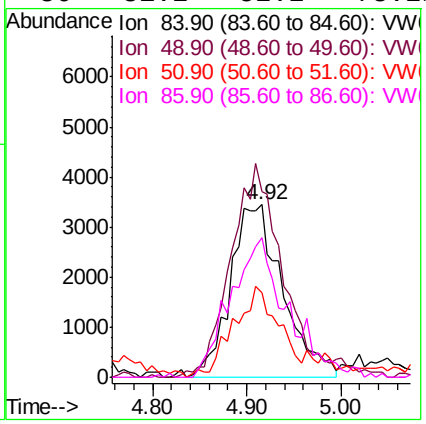


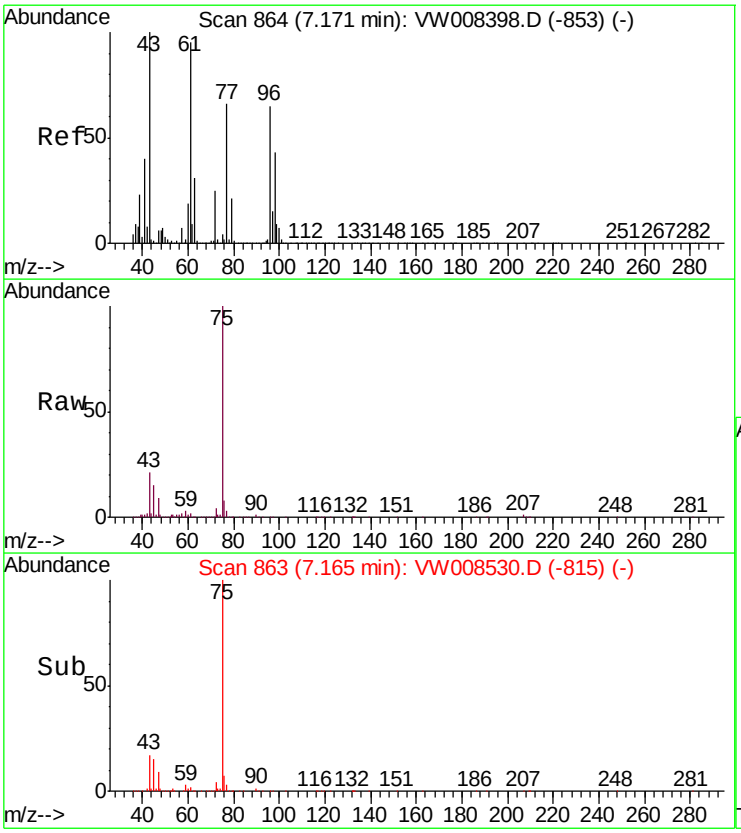
#20
Methylene Chloride
Concen: 2.419 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008530.D
Acq: 06 Feb 2019 16:21

Instrument : MSVOA_W
ClientSampleId : HR-6A

Tgt Ion: 84 Resp: 13371

Ion	Ratio	Lower	Upper
84	100		
49	104.6	106.8	160.2#
51	49.2	32.9	49.3
86	81.2	52.2	78.2#

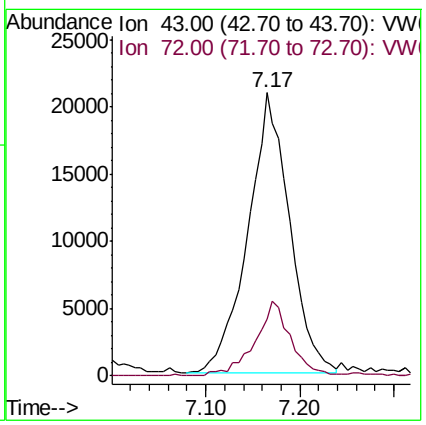


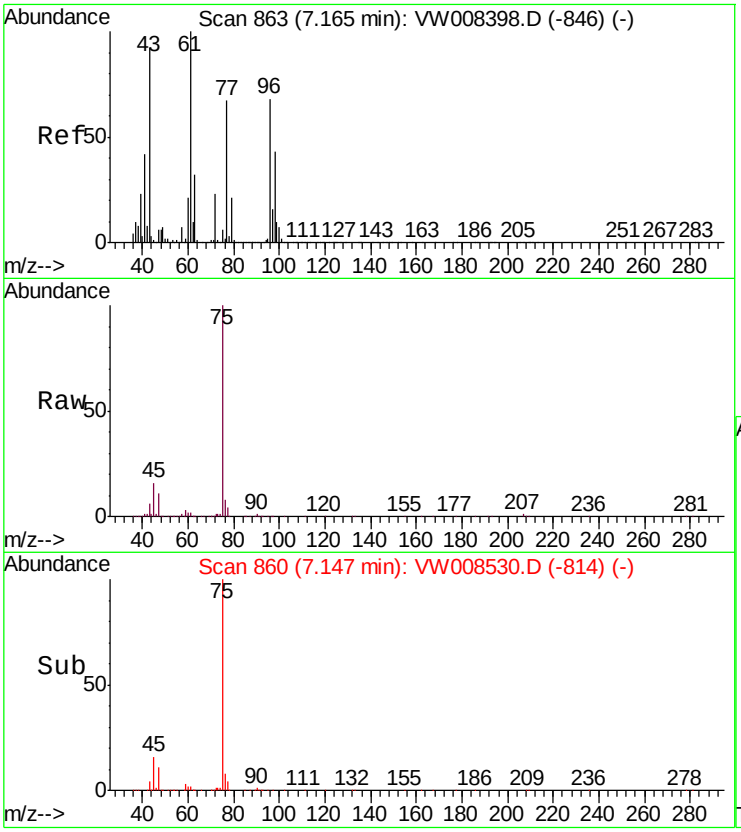


#25
2-Butanone
Concen: 38.875 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008530.D
Acq: 06 Feb 2019 16:21

Tgt Ion: 43 Resp: 64753

Ion	Ratio	Lower	Upper
43	100		
72	20.4	20.1	30.1



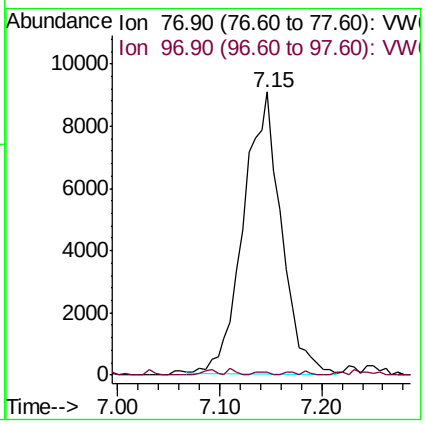


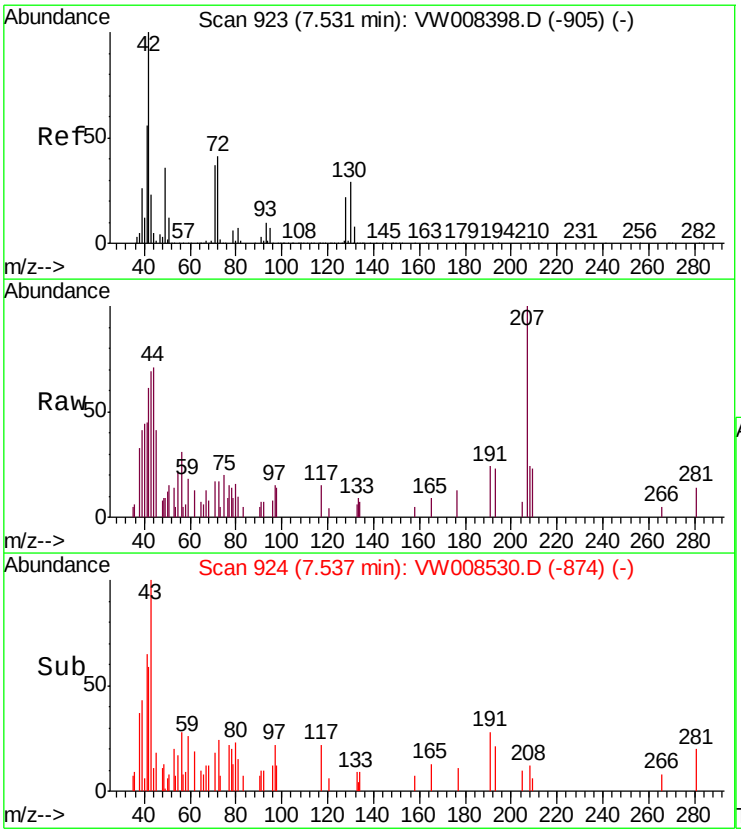
#26
2,2-Dichloropropane
Concen: 3.397 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW008530.D
Acq: 06 Feb 2019 16:21

Instrument :
MSVOA_W
ClientSampleId :
HR-6A

Tgt Ion: 77 Resp: 23275

Ion	Ratio	Lower	Upper
77	100		
97	0.5	11.5	34.5#

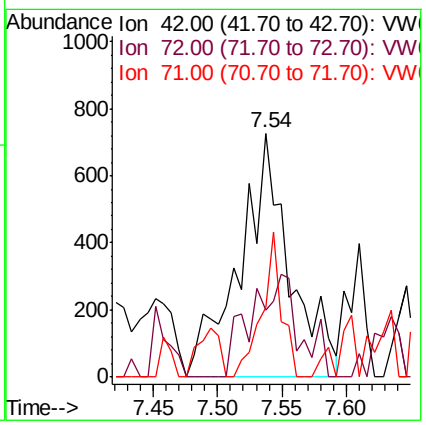


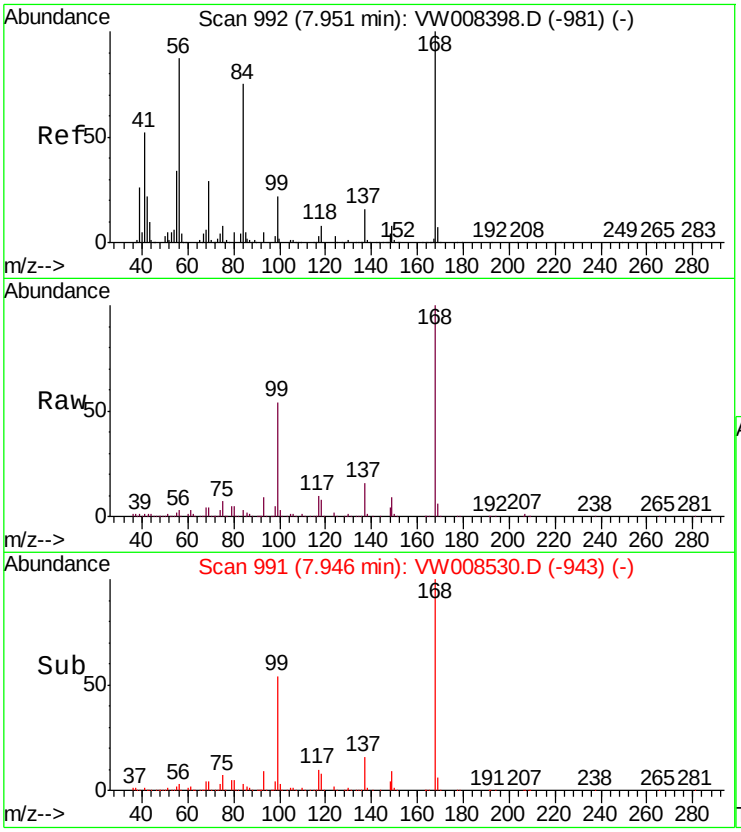


#29
Tetrahydrofuran
Concen: 1.860 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008530.D
Acq: 06 Feb 2019 16:21

Tgt Ion: 42 Resp: 1963

Ion	Ratio	Lower	Upper
42	100		
72	40.7	31.9	47.9
71	23.1	29.9	44.9#



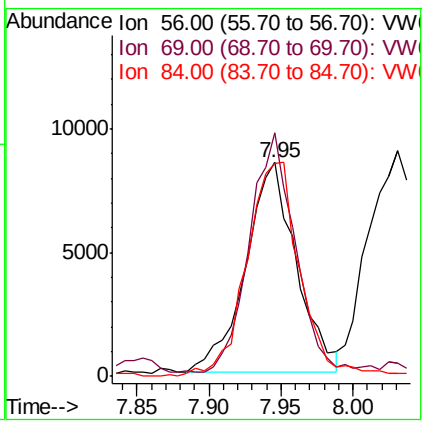


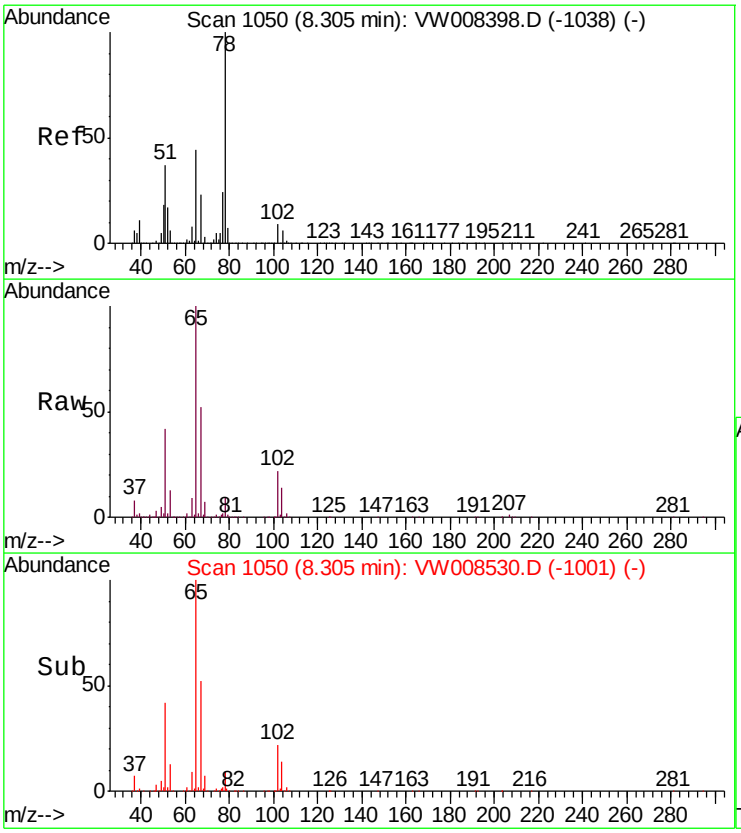
#31
Cyclohexane
Concen: 1.969 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008530.D
Acq: 06 Feb 2019 16:21

Instrument : MSVOA_W
ClientSampleId : HR-6A

Tgt Ion: 56 Resp: 20632

Ion	Ratio	Lower	Upper
56	100		
69	113.9	26.4	39.6#
84	100.3	69.1	103.7

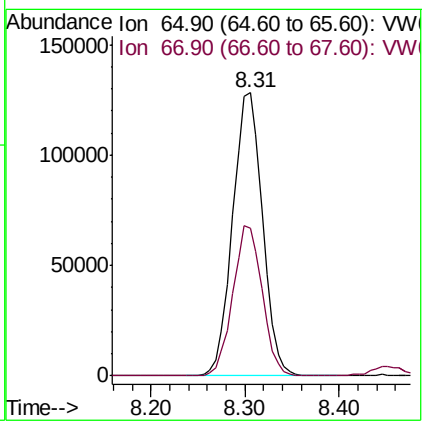


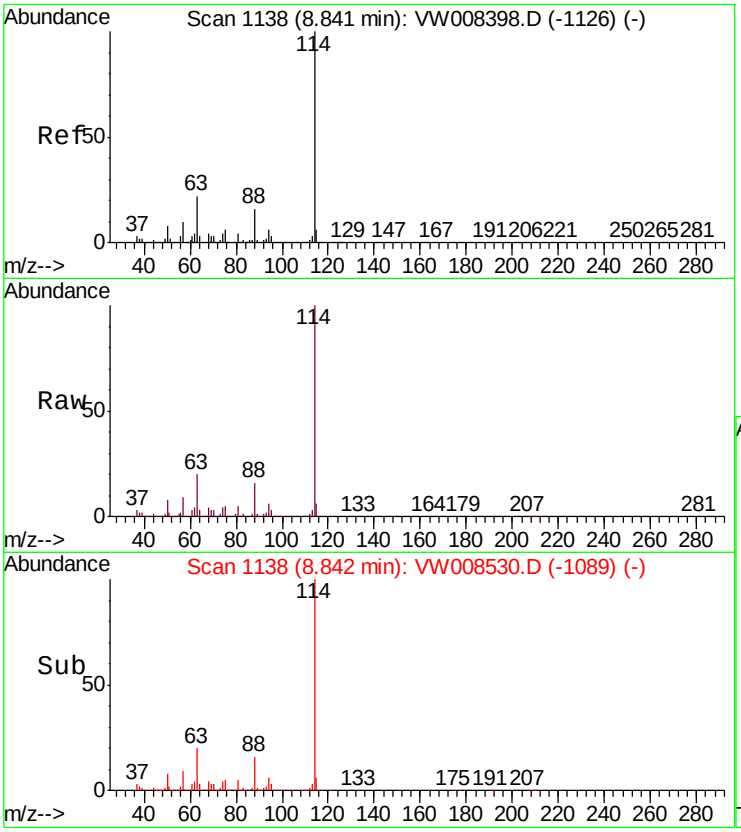


#33
1,2-Dichloroethane-d4
Concen: 53.098 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008530.D
Acq: 06 Feb 2019 16:21

Tgt Ion: 65 Resp: 283552

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.0



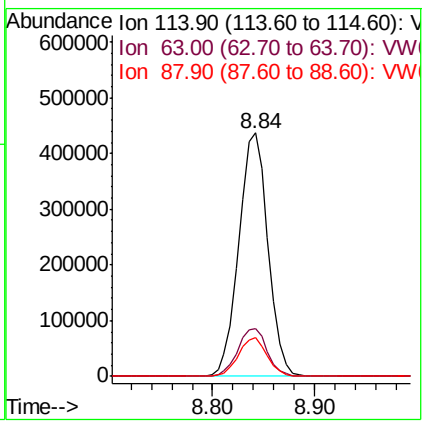


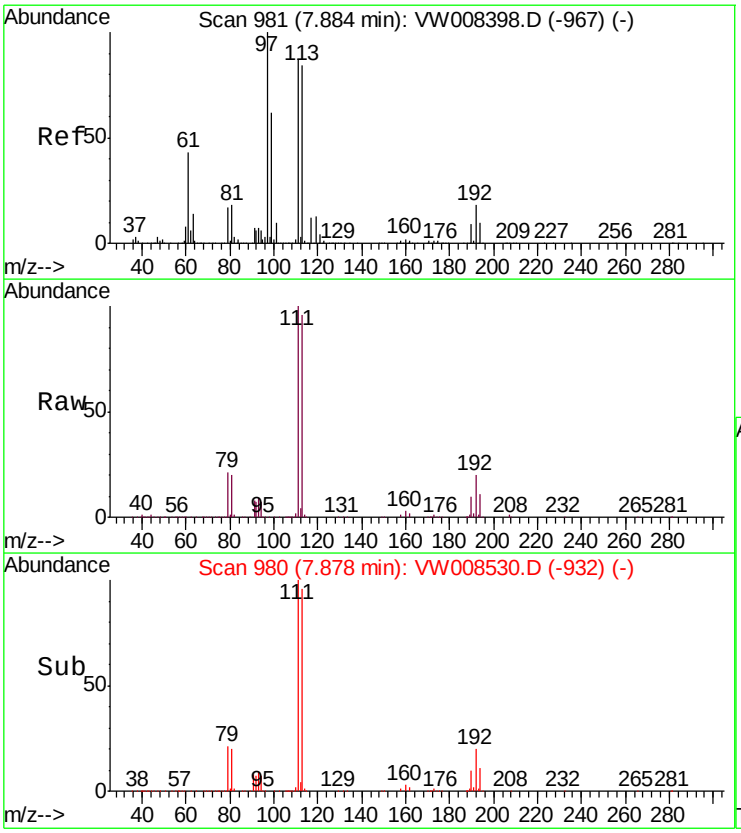
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008530.D
Acq: 06 Feb 2019 16:21

Instrument :
MSVOA_W
ClientSampleId :
HR-6A

Tgt Ion:114 Resp: 864929

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	43.6
88	15.7	0.0	31.8





#35
Dibromofluoromethane
Concen: 53.695 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008530.D
Acq: 06 Feb 2019 16:21

Tgt Ion:113 Resp: 271562

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.0	121.4
192	21.6	16.8	25.2