Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW052219\
Data File : VW010506.D
Acq On : 22 May 2019 13:19
Operator : SY/VA
Sample : K2986-03
Misc : 5.67G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : FEQC-052119

Quant Time: May 23 06:56:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	110798	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	203220	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	173942	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	70739	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.30	65	66834	58.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 116.88%				
35) Dibromofluoromethane	7.88	113	63994	51.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.80%				
50) Toluene-d8	10.32	98	248204	52.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.38%				
62) 4-Bromofluorobenzene	12.62	95	87630	46.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	19	Below Cal		#	42
13) Acrolein	3.88	56	92	Below Cal		#	13
16) Acetone	4.13	43	17475	74.859	ug/l		100
17) Carbon Disulfide	4.38	76	3697	1.059	ug/l	#	89
18) Methyl Acetate	4.68	43	948	1.660	ug/l	#	60
20) Methylene Chloride	4.92	84	8661	1.393	ug/l		98
25) 2-Butanone	7.18	43	6669	19.963	ug/l		96
31) Cyclohexane	7.96	56	2360	1.087	ug/l	#	21
36) 1,1-Dichloropropene	7.95	75	8738	4.616	ug/l	#	47
37) Ethyl Acetate	7.18	43	6669	8.284	ug/l	#	67
38) Carbon Tetrachloride	7.95	117	12218	5.983	ug/l	#	16
52) Toluene	10.39	92	4275	1.210	ug/l		99
76) 1,2,3-Trichloropropane	12.62	75	40916	56.982	ug/l	#	1
81) trans-1,4-Dichloro-2-buten	12.62	75	40916	118.924	ug/l	#	14

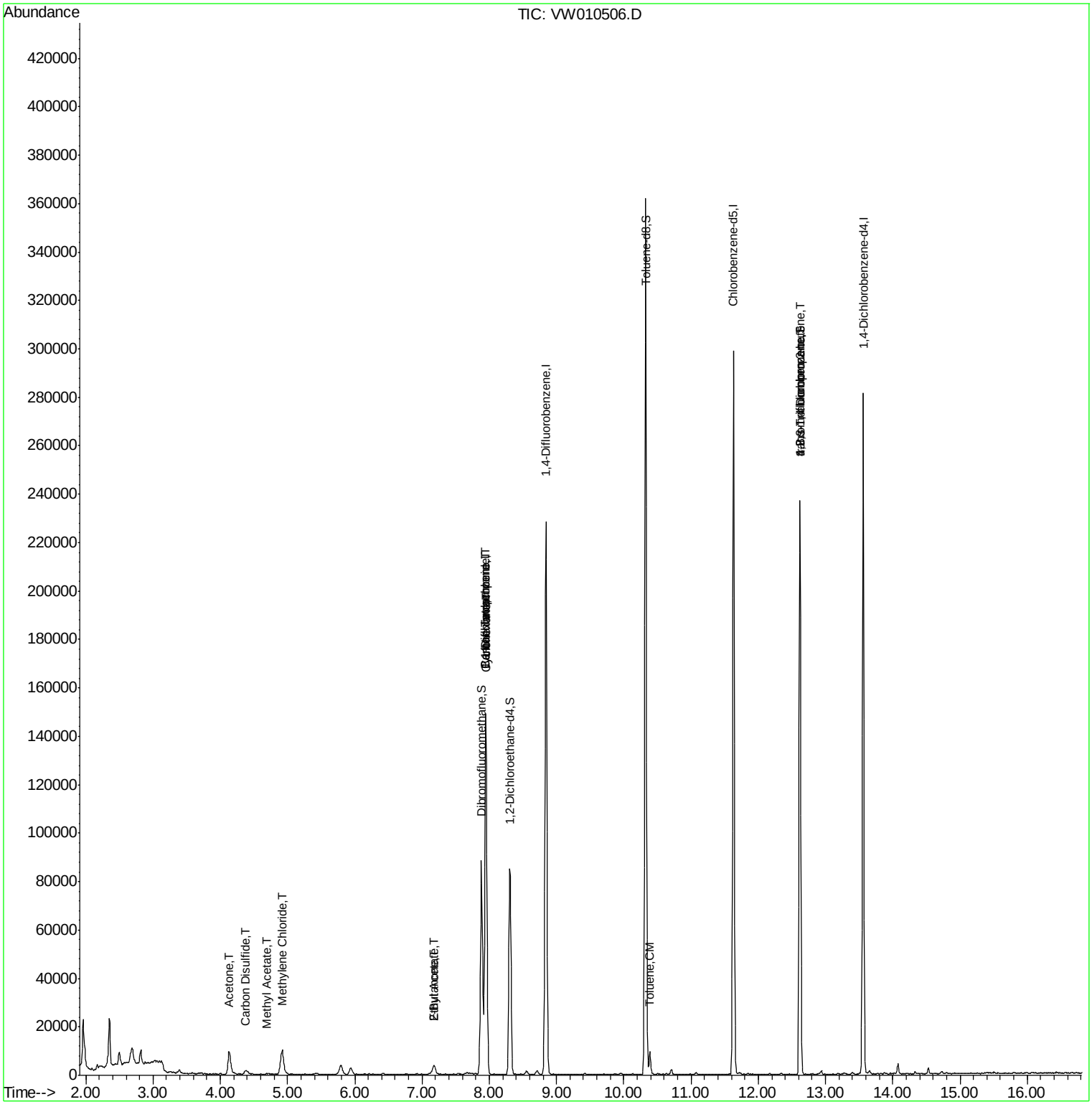
(#) = qualifier out of range (m) = manual integration (+) = signals summed

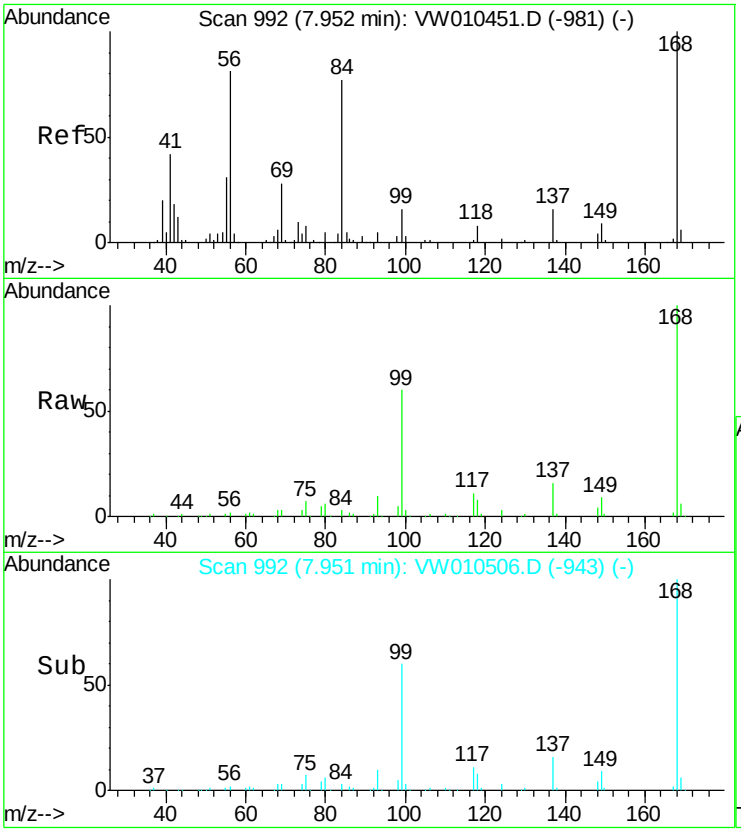
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052219\
Data File : VW010506.D
Acq On : 22 May 2019 13:19
Operator : SY/VA
Sample : K2986-03
Misc : 5.67G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : FEQC-052119

Quant Time: May 23 06:56:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration



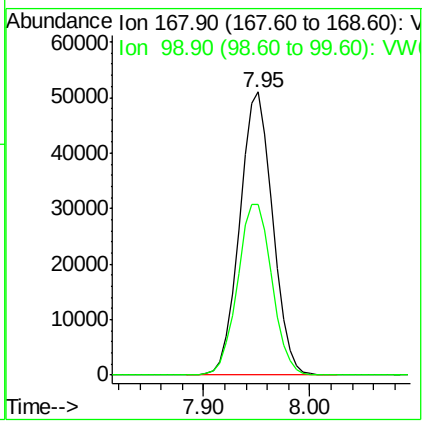


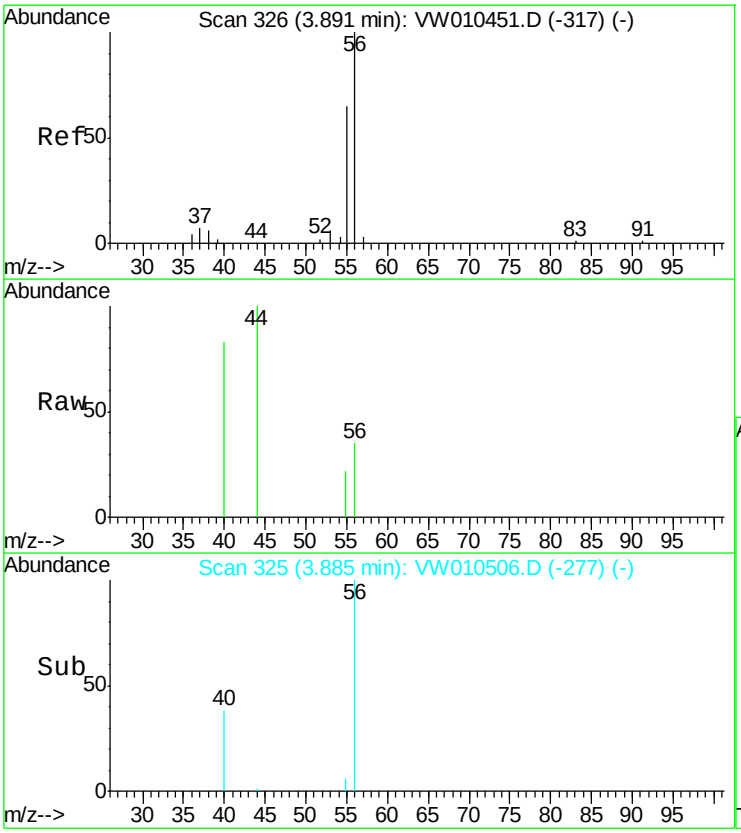
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Instrument :
MSVOA_W
ClientSampleId :
FEQC-052119

Tgt Ion:168 Resp: 110798

Ion	Ratio	Lower	Upper
168	100		
99	60.3	46.1	69.1

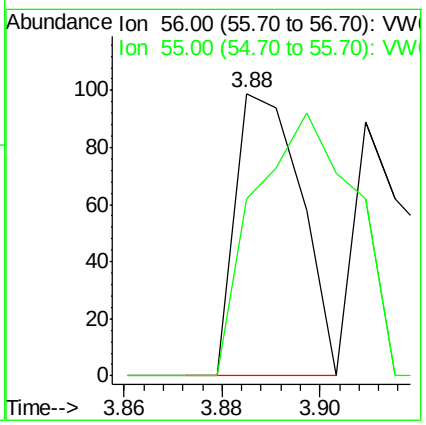


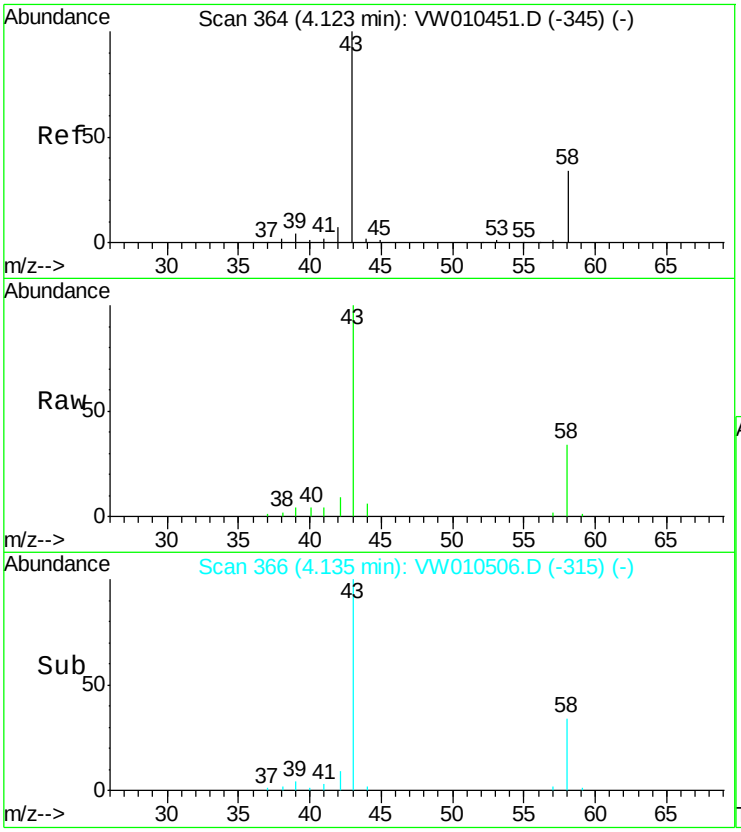


#13
Acrolein
Concen: Below Cal
RT: 3.88 min Scan# 325
Delta R.T. -0.01 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Tgt Ion: 56 Resp: 92

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.9	86.9#



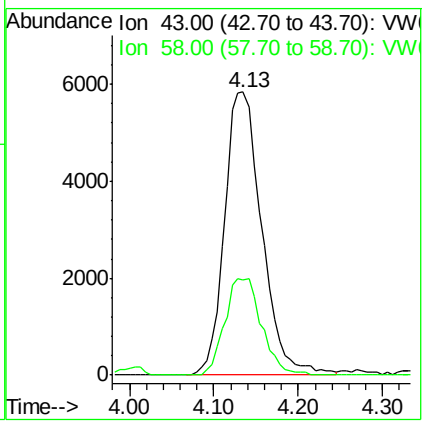


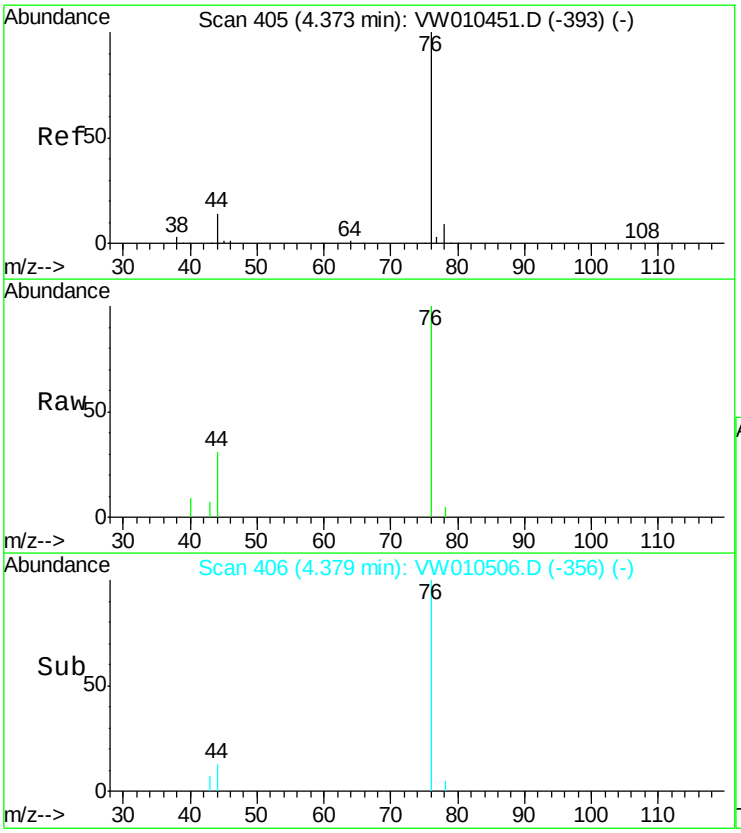
#16
Acetone
Concen: 74.859 ug/l
RT: 4.13 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Instrument :
MSVOA_W
ClientSampleId :
FEQC-052119

Tgt Ion: 43 Resp: 17475

Ion	Ratio	Lower	Upper
43	100		
58	33.7	27.0	40.4

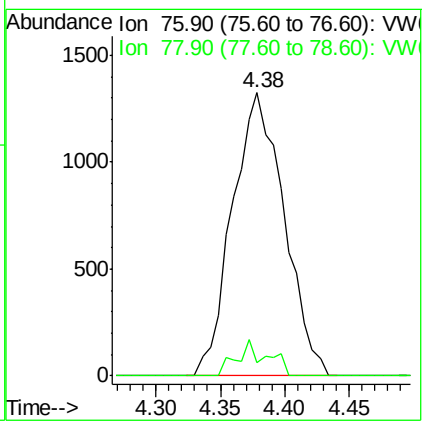


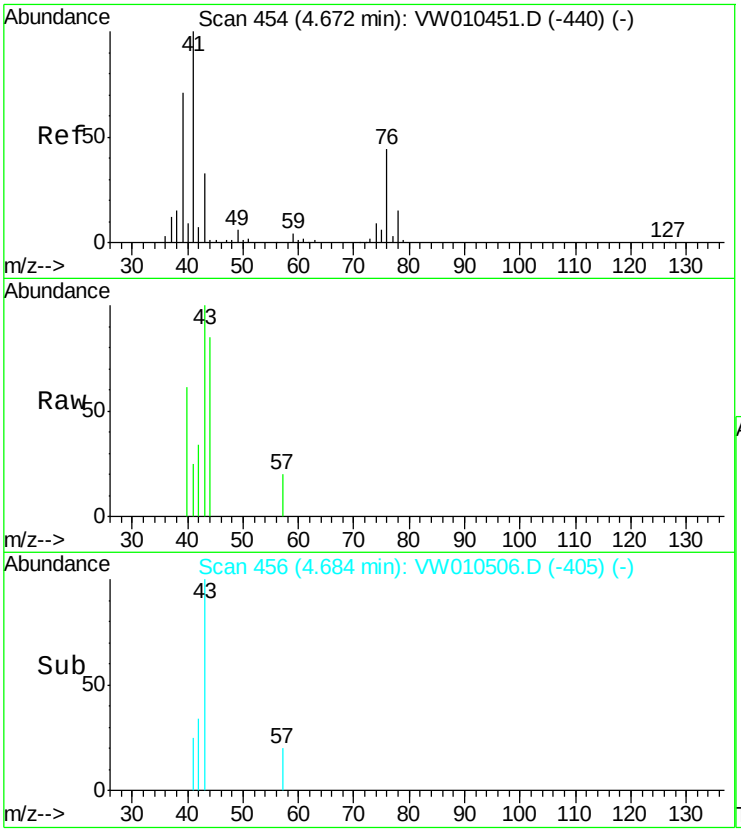


#17
Carbon Disulfide
Concen: 1.059 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Tgt Ion: 76 Resp: 3697

Ion	Ratio	Lower	Upper
76	100		
78	4.9	7.1	10.7#



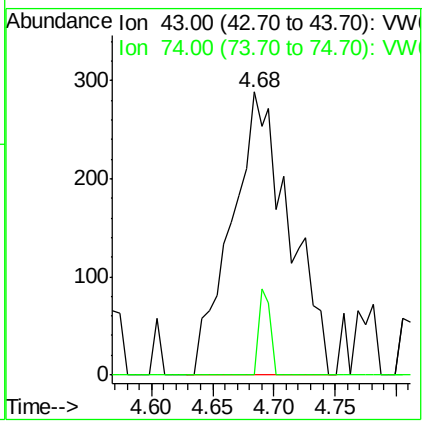


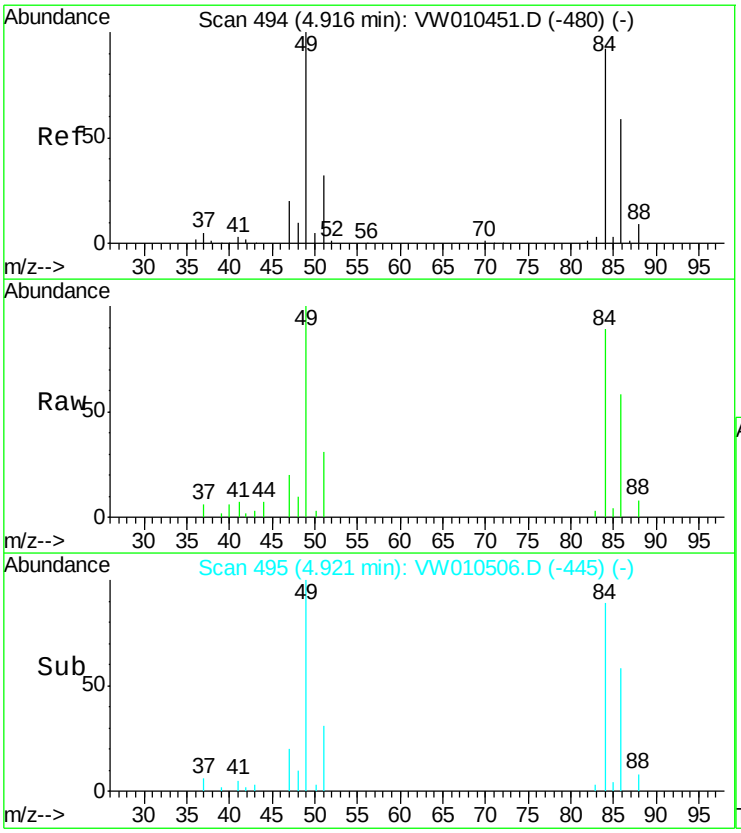
#18
Methyl Acetate
Concen: 1.660 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Instrument : MSVOA_W
ClientSampleId : FEQC-052119

Tgt Ion: 43 Resp: 948

Ion	Ratio	Lower	Upper
43	100		
74	6.2	21.6	32.4#

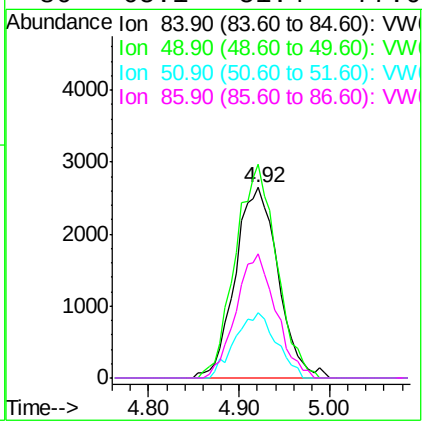


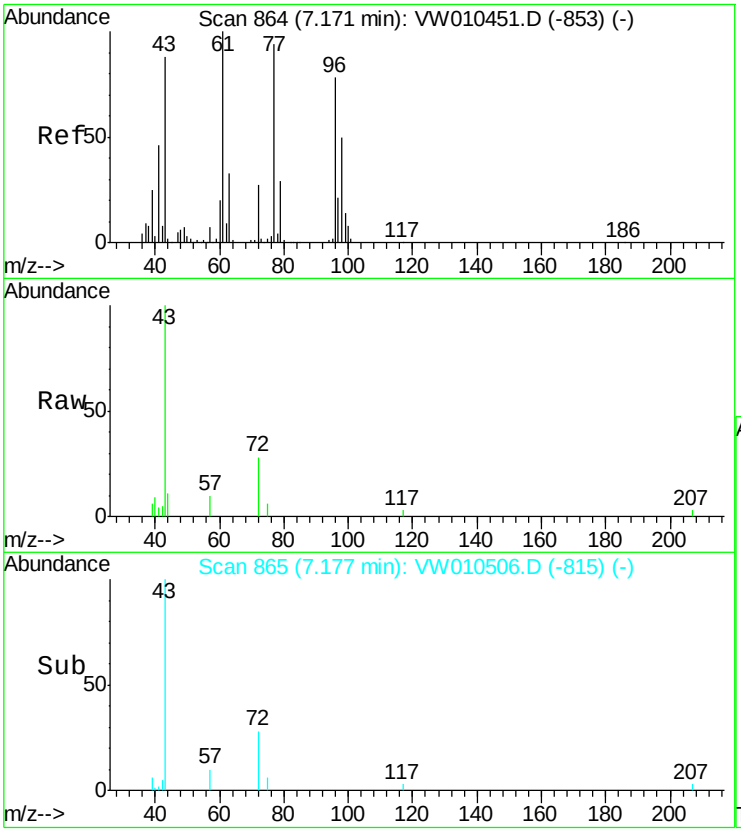


#20
Methylene Chloride
Concen: 1.393 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Tgt Ion: 84 Resp: 8661

Ion	Ratio	Lower	Upper
84	100		
49	112.1	87.2	130.8
51	34.3	27.7	41.5
86	65.1	51.4	77.0



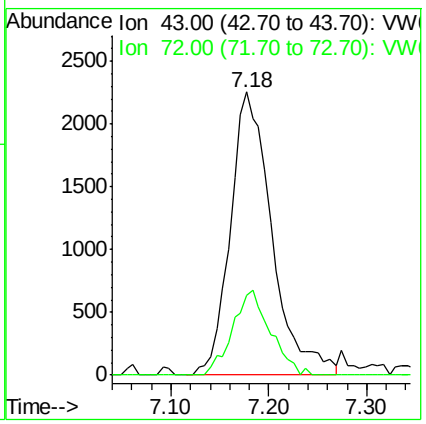


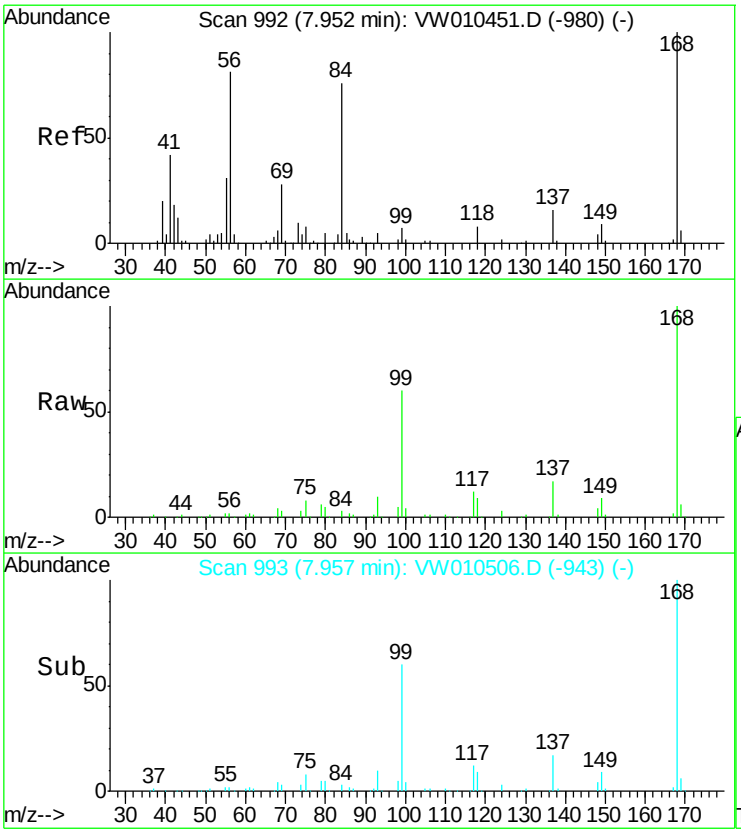
#25
2-Butanone
Concen: 19.963 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Instrument :
MSVOA_W
ClientSampleId :
FEQC-052119

Tgt Ion: 43 Resp: 6669

Ion	Ratio	Lower	Upper
43	100		
72	28.1	24.1	36.1

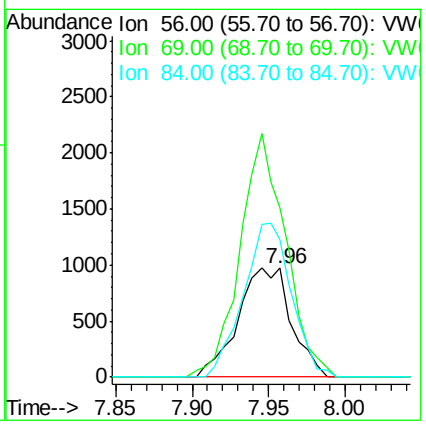


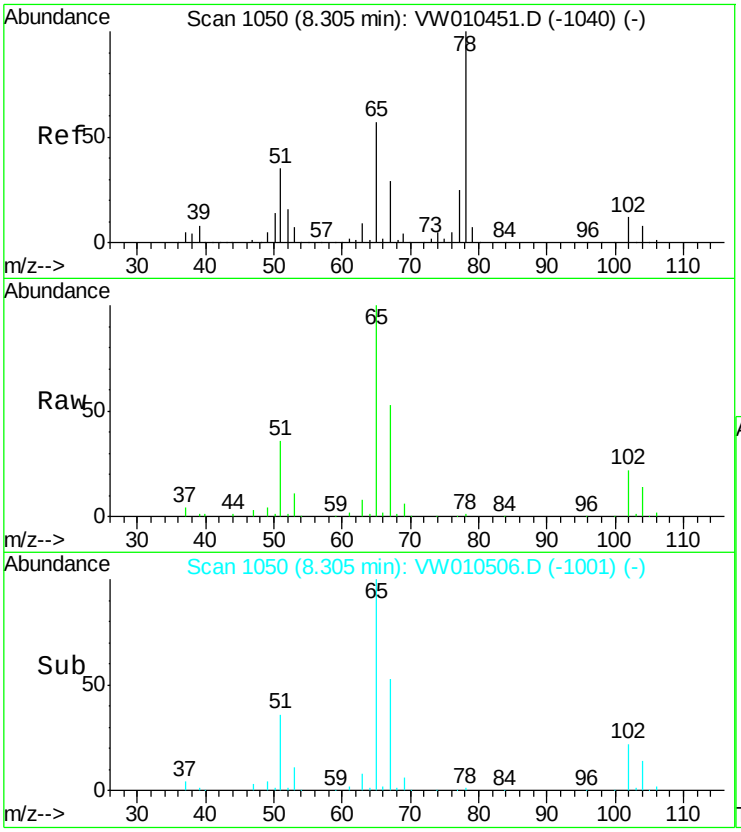


#31
Cyclohexane
Concen: 1.087 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Tgt Ion: 56 Resp: 2360

Ion	Ratio	Lower	Upper
56	100		
69	155.4	28.2	42.2#
84	125.6	75.8	113.8#



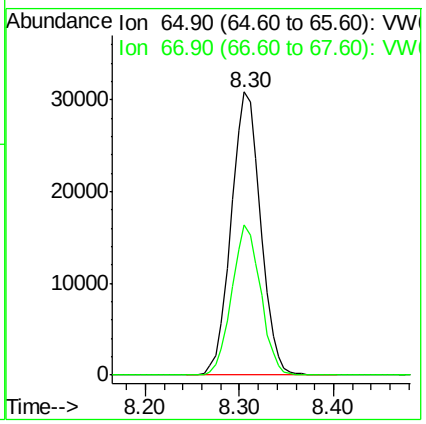


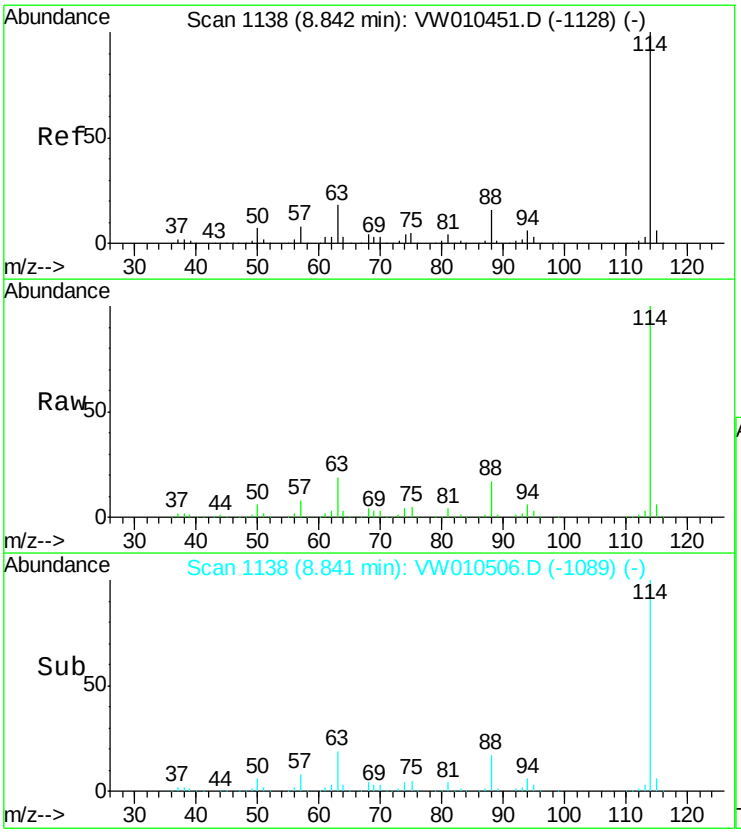
#33
1,2-Dichloroethane-d4
Concen: 58.441 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Instrument :
MSVOA_W
ClientSampleId :
FEQC-052119

Tgt Ion: 65 Resp: 66834

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.6

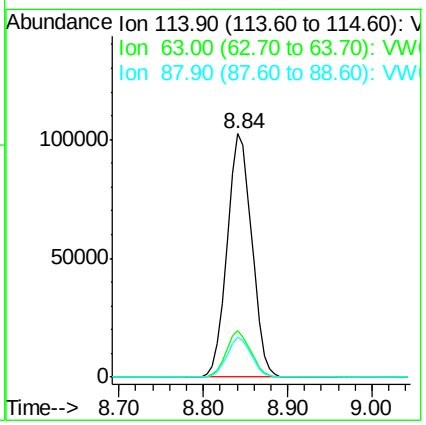


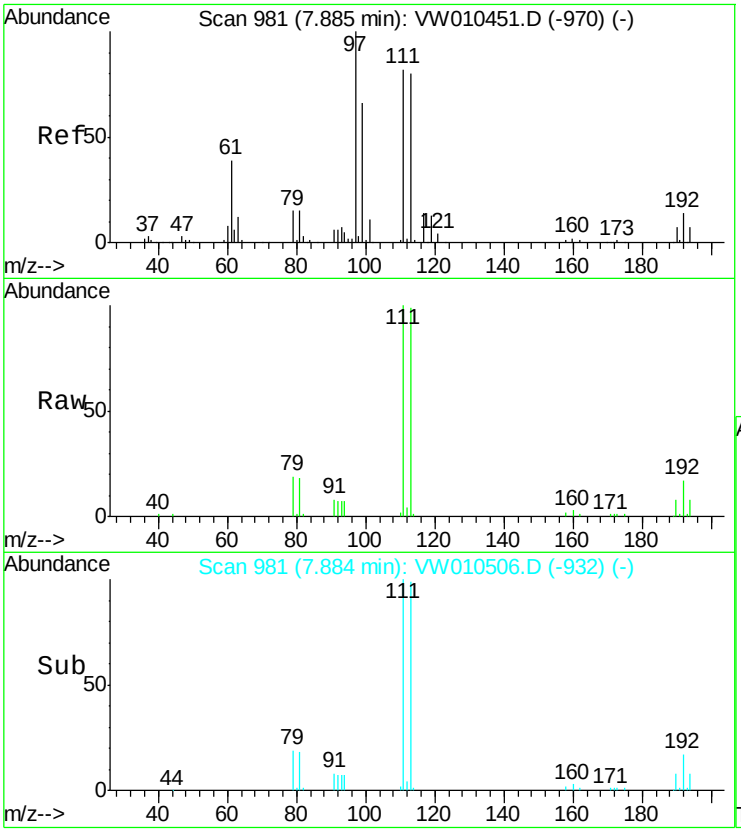


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Tgt Ion:114 Resp: 203220

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	36.0
88	16.7	0.0	32.0



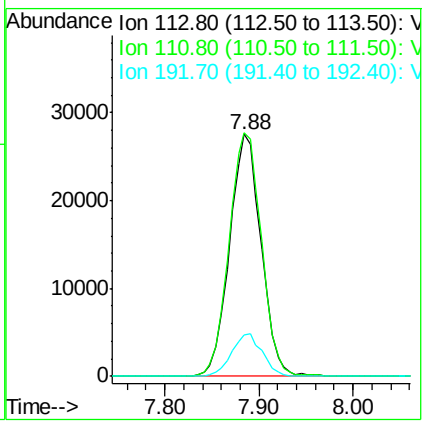


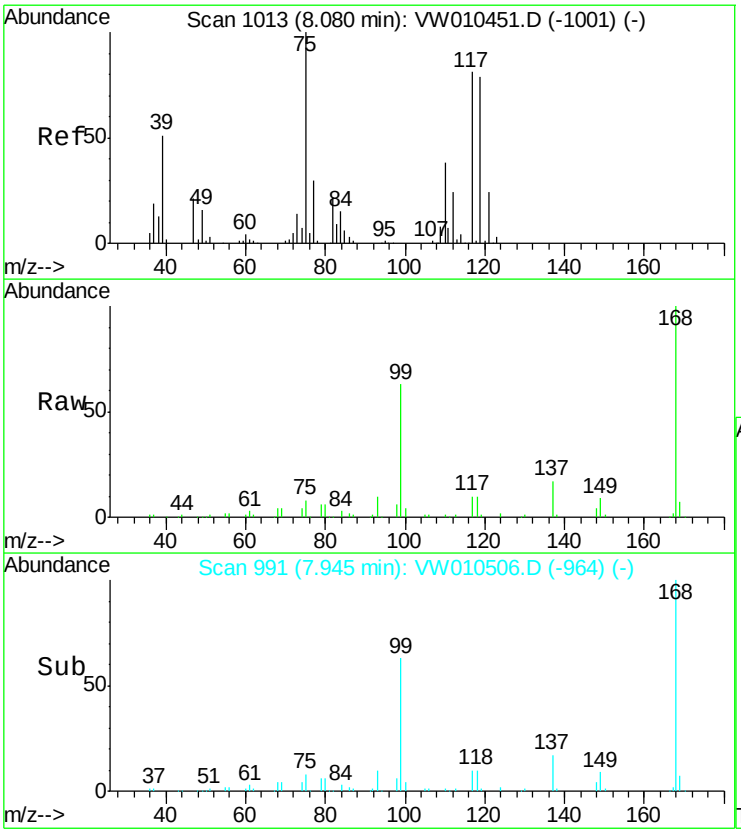
#35
Dibromofluoromethane
Concen: 51.897 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Instrument :
MSVOA_W
ClientSampleId :
FEQC-052119

Tgt Ion:113 Resp: 63994

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.4
192	17.1	14.3	21.5

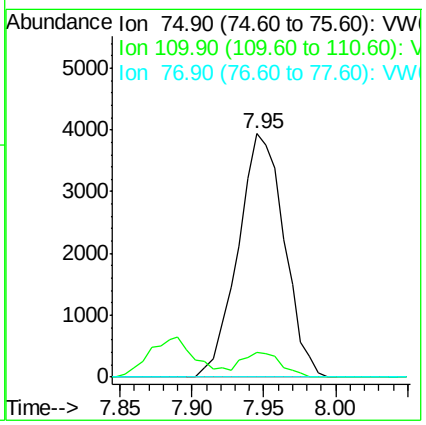


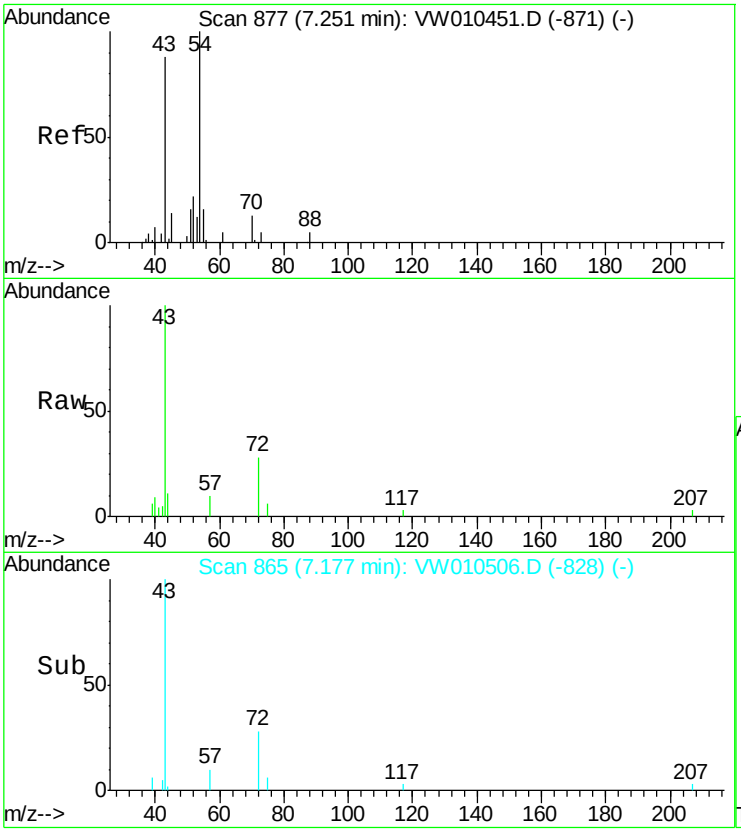


#36
1,1-Dichloropropene
Concen: 4.616 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Tgt Ion: 75 Resp: 8738

Ion	Ratio	Lower	Upper
75	100		
110	8.5	19.2	57.6#
77	0.0	25.2	37.8#



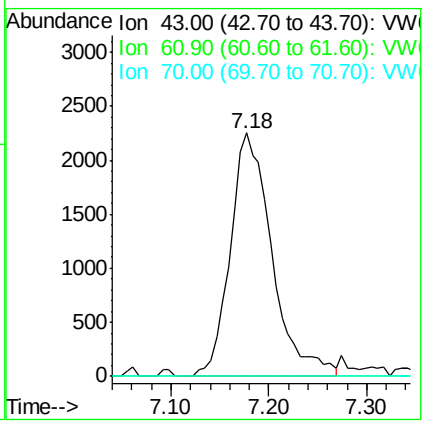


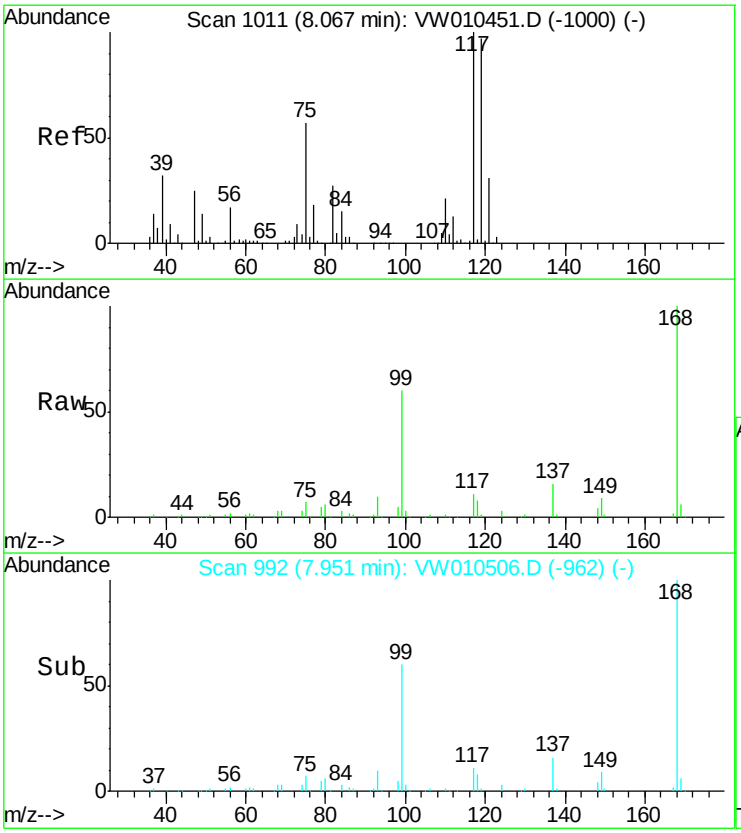
#37
Ethyl Acetate
Concen: 8.284 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.07 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Instrument : MSVOA_W
ClientSampleId : FEQC-052119

Tgt Ion: 43 Resp: 6669

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.2	16.8#
70	0.0	9.9	14.9#

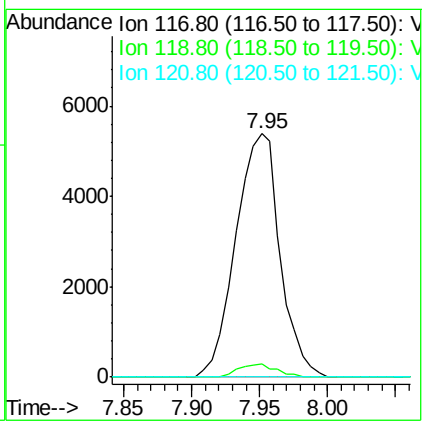


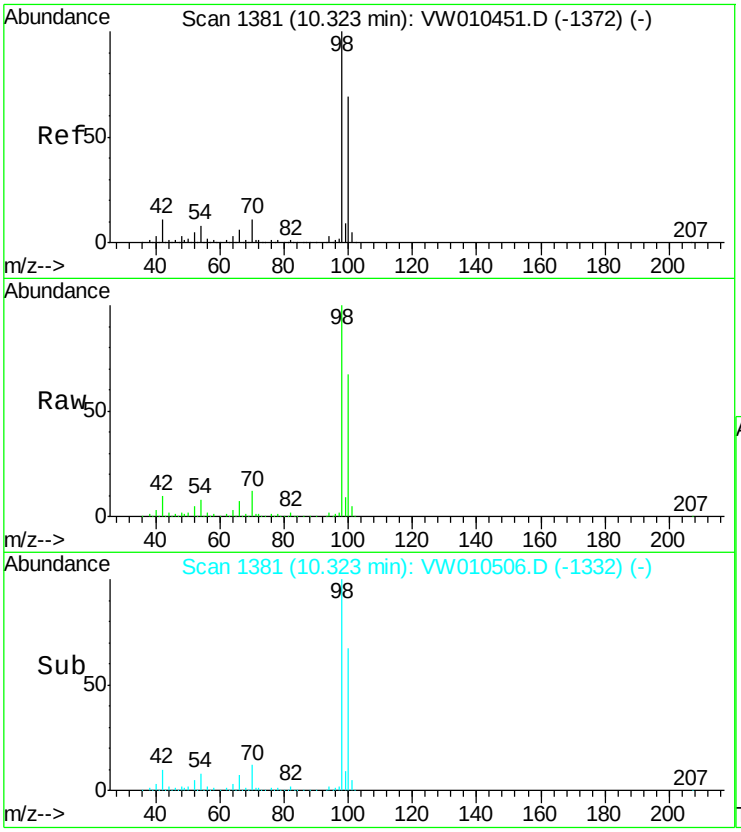


#38
Carbon Tetrachloride
Concen: 5.983 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Tgt Ion:117 Resp: 12218

Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.4	116.0#
121	0.0	25.0	37.6#



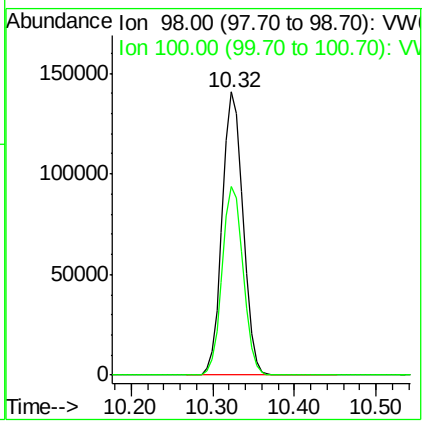


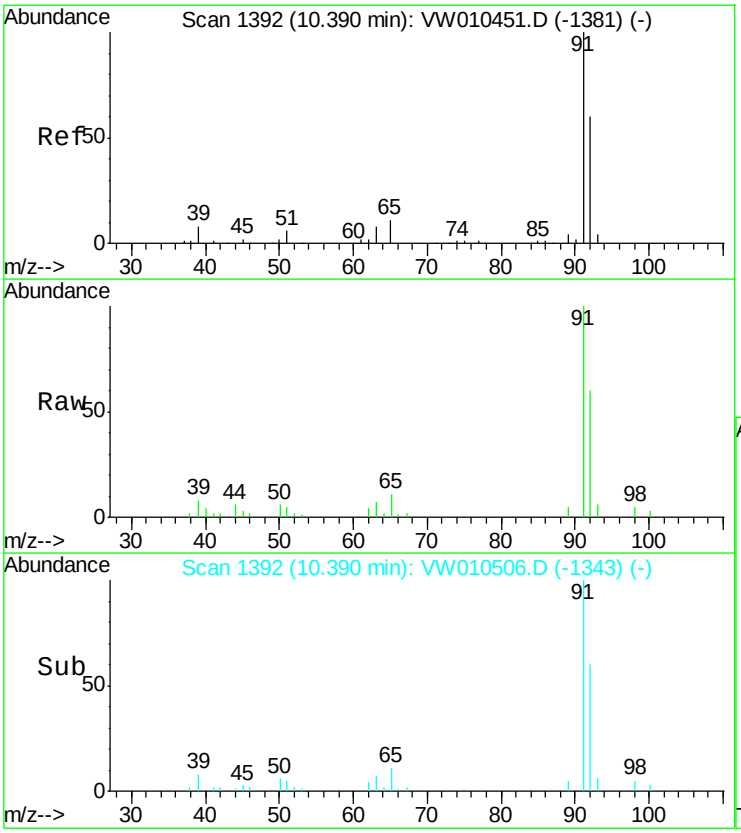
#50
Toluene-d8
Concen: 52.689 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Instrument :
MSVOA_W
ClientSampleId :
FEQC-052119

Tgt Ion: 98 Resp: 248204

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.7	80.5

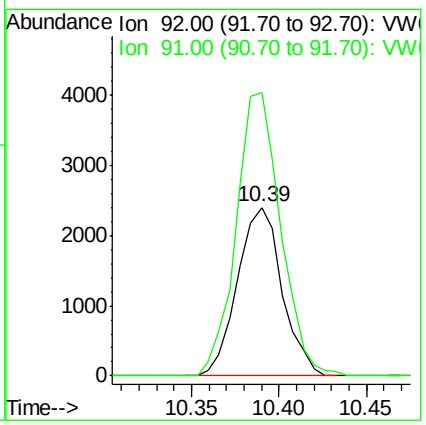


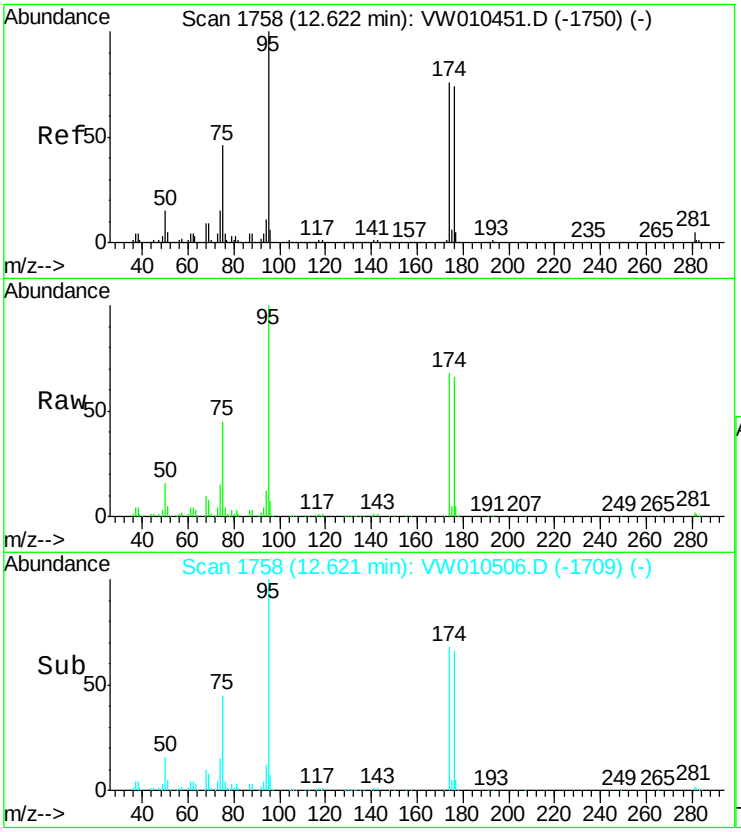


#52
Toluene
Concen: 1.210 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Tgt Ion: 92 Resp: 4275

Ion	Ratio	Lower	Upper
92	100		
91	167.6	135.4	203.0



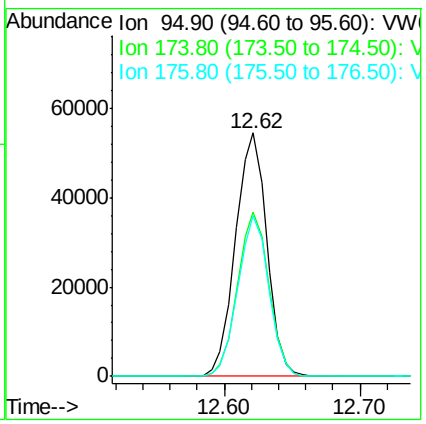


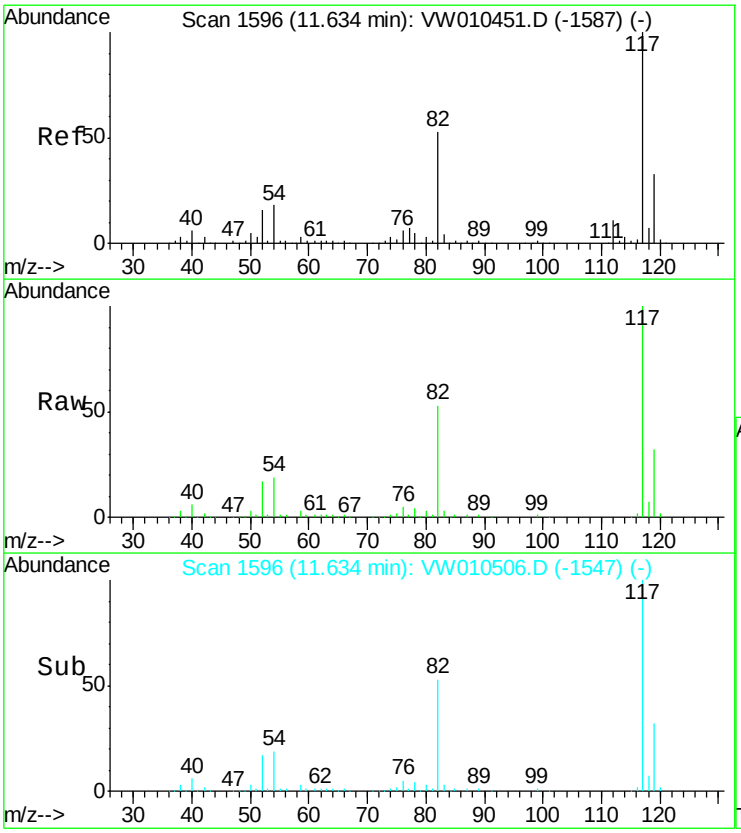
#62
4-Bromofluorobenzene
Concen: 46.702 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Instrument : MSVOA_W
ClientSampleId : FEQC-052119

Tgt Ion: 95 Resp: 87630

Ion	Ratio	Lower	Upper
95	100		
174	67.8	0.0	148.6
176	65.2	0.0	144.2

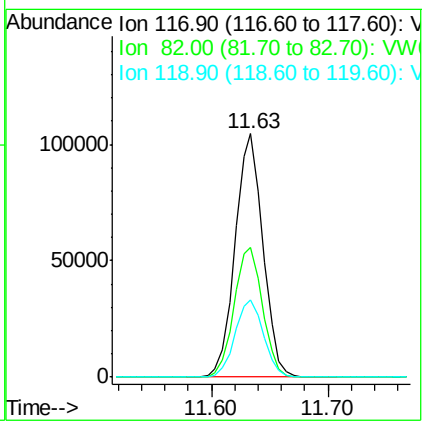


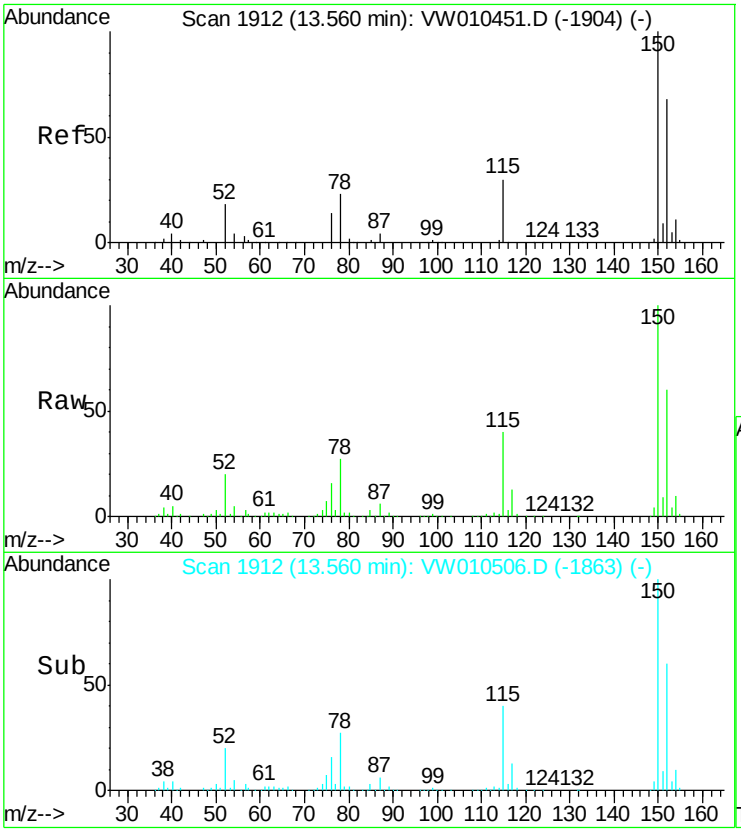


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Tgt Ion:117 Resp: 173942

Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.8	64.2
119	31.9	26.3	39.5



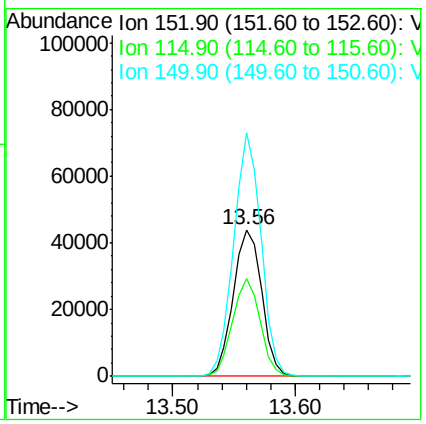


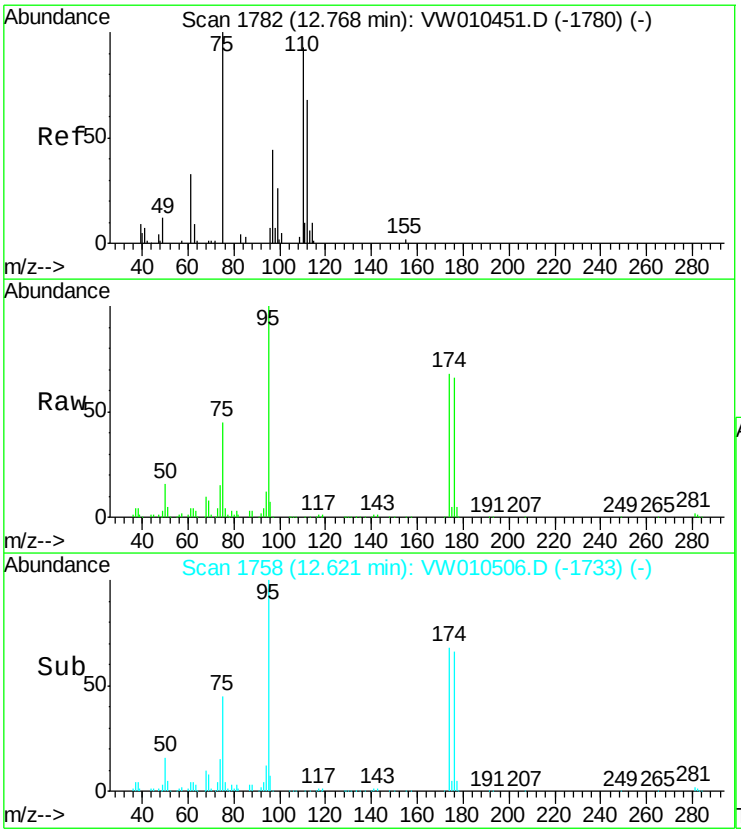
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Instrument :
MSVOA_W
ClientSampleId :
FEQC-052119

Tgt Ion:152 Resp: 70739

Ion	Ratio	Lower	Upper
152	100		
115	64.2	30.3	91.0
150	159.1	0.0	349.8

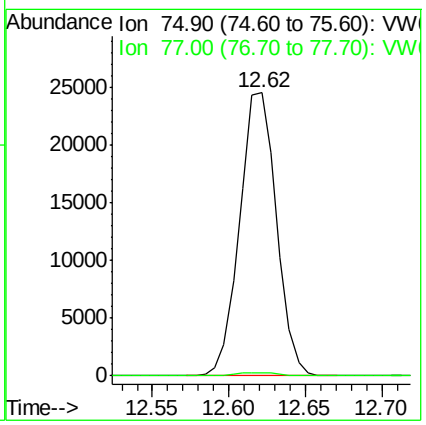


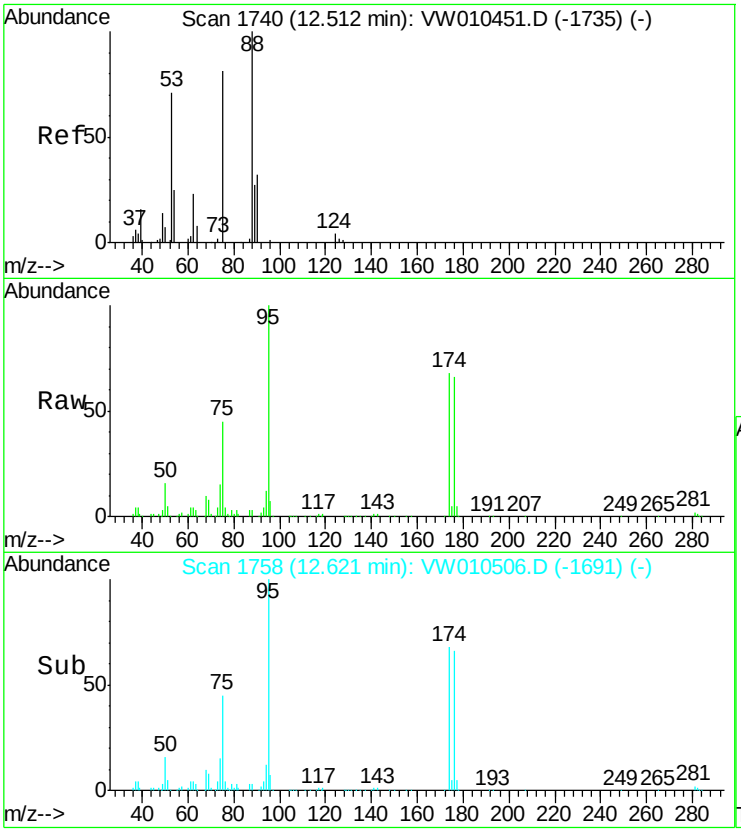


#76
1,2,3-Trichloropropane
Concen: 56.982 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Tgt Ion: 75 Resp: 40916

Ion	Ratio	Lower	Upper
75	100		
77	1.1	170.0	510.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 118.924 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW010506.D
Acq: 22 May 2019 13:19

Instrument :
MSVOA_W
ClientSampleId :
FEQC-052119

Tgt Ion: 75 Resp: 40916

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.8	104.8#
89	0.0	39.5	59.3#