Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011619\
Data File : VF061418.D
Acq On : 16 Jan 2019 18:15
Operator : VA/AP
Sample : K1156-02RE
Misc : 5.02g/5mL/MSVOA-F/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VOC-9RE

Quant Time: Jan 17 02:55:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	215778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	405036	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	321240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	130554	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	121931	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.54%			
35) Dibromofluoromethane	4.11	113	143847	45.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.02%			
50) Toluene-d8	7.55	98	359481	41.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.10%			
62) 4-Bromofluorobenzene	11.41	95	151221	36.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 73.92%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.58	59	675	5.986	ug/l #	64
13) Acrolein	1.92	56	326	13.555	ug/l	90
14) Allyl chloride	2.11	41	619	Below Cal	#	71
16) Acetone	2.24	43	19671	36.807	ug/l	96
18) Methyl Acetate	2.33	43	1229	1.160	ug/l #	61
20) Methylene Chloride	2.18	84	695	Below Cal	#	61
23) Vinyl Acetate	3.18	43	1149	3.571	ug/l #	78
25) 2-Butanone	4.35	43	1142	1.285	ug/l #	57
29) Tetrahydrofuran	4.08	42	1530	3.998	ug/l #	62
51) 4-Methyl-2-Pentanone	8.25	43	2251	1.300	ug/l	94
58) 2-Chloroethyl Vinyl ether	7.31	63	66	27.764	ug/l #	47
59) 2-Hexanone	9.50	43	1578	1.307	ug/l	84
64) Tetrachloroethene	8.14	164	12035	4.982	ug/l	94

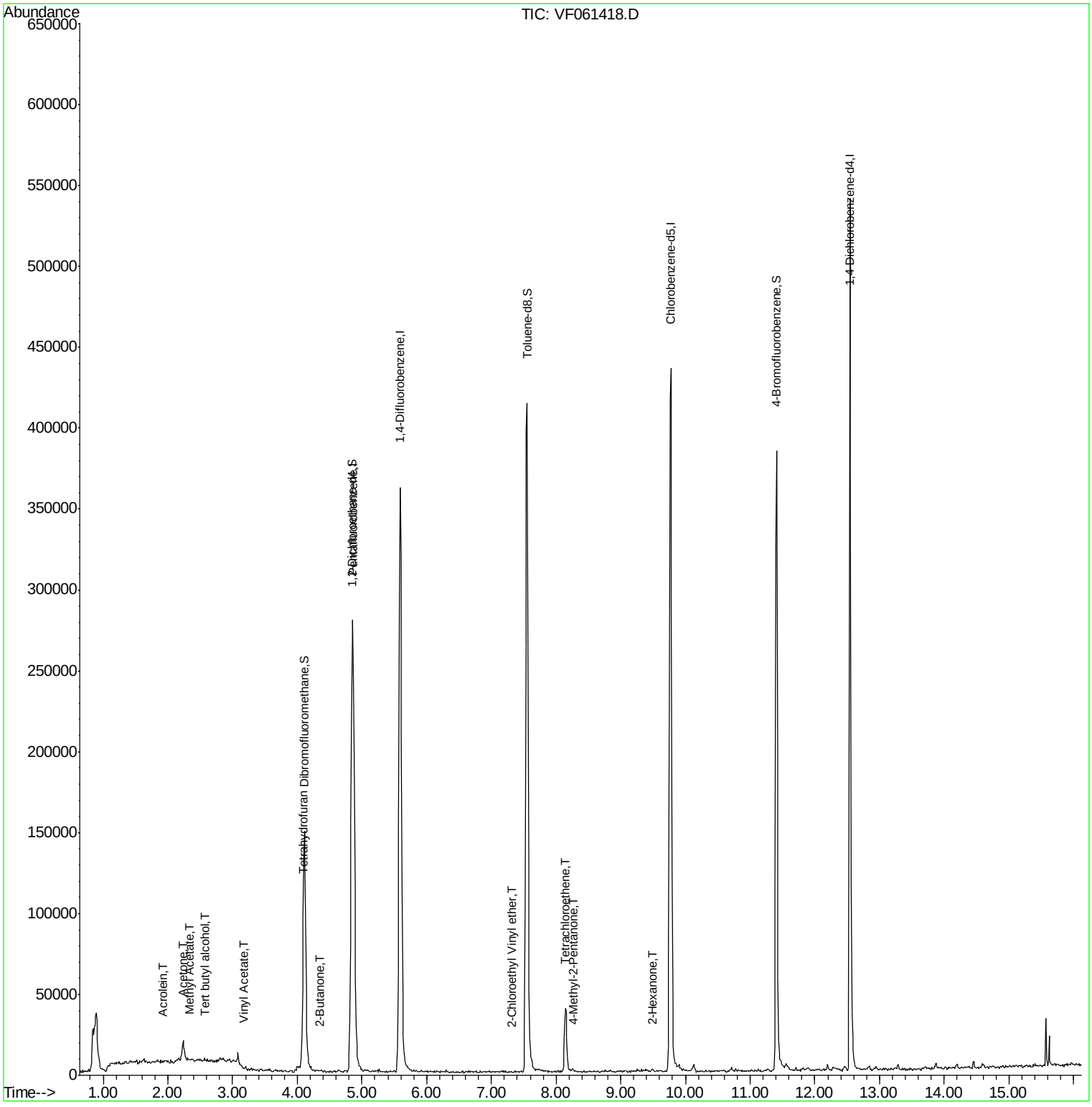
(#) = qualifier out of range (m) = manual integration (+) = signals summed

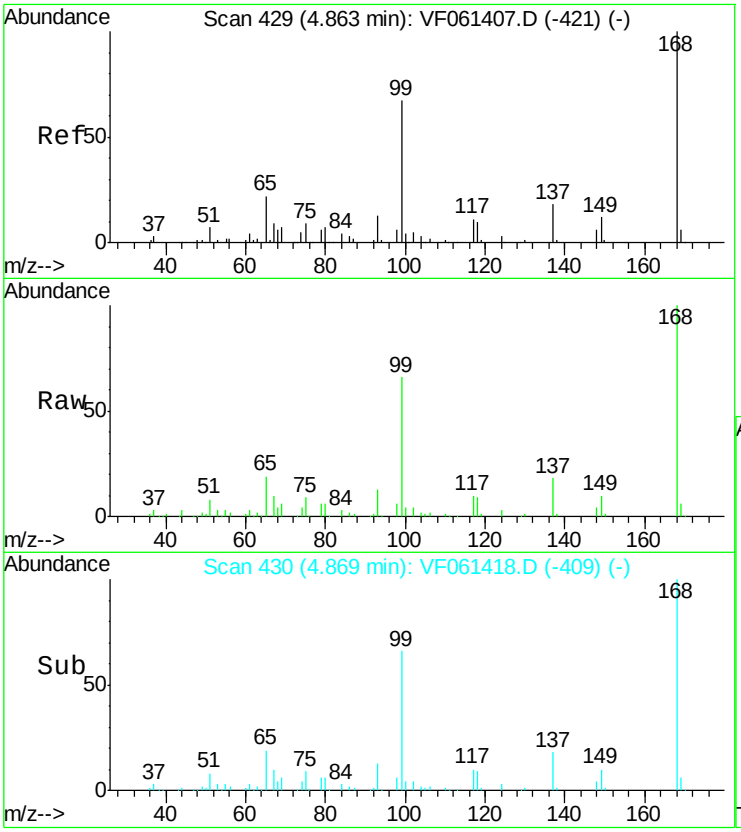
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011619\
Data File : VF061418.D
Acq On : 16 Jan 2019 18:15
Operator : VA/AP
Sample : K1156-02RE
Misc : 5.02g/5mL/MSVOA-F/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VOC-9RE

Quant Time: Jan 17 02:55:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration



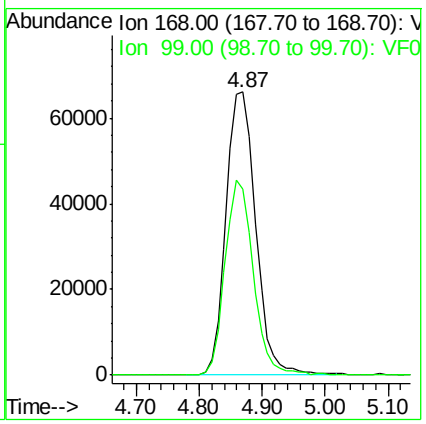


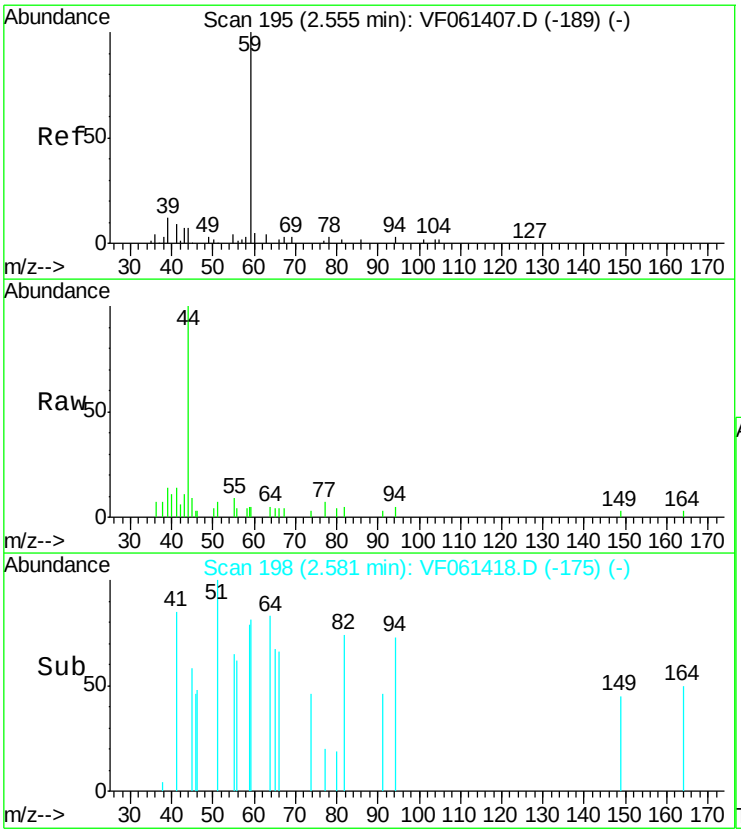
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.01 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :
VOC-9RE

Tgt Ion:168 Resp: 215778

Ion	Ratio	Lower	Upper
168	100		
99	65.9	53.5	80.3

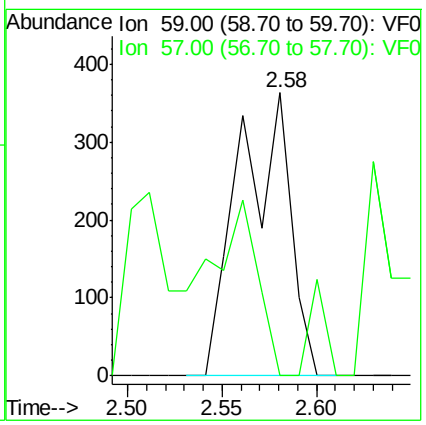


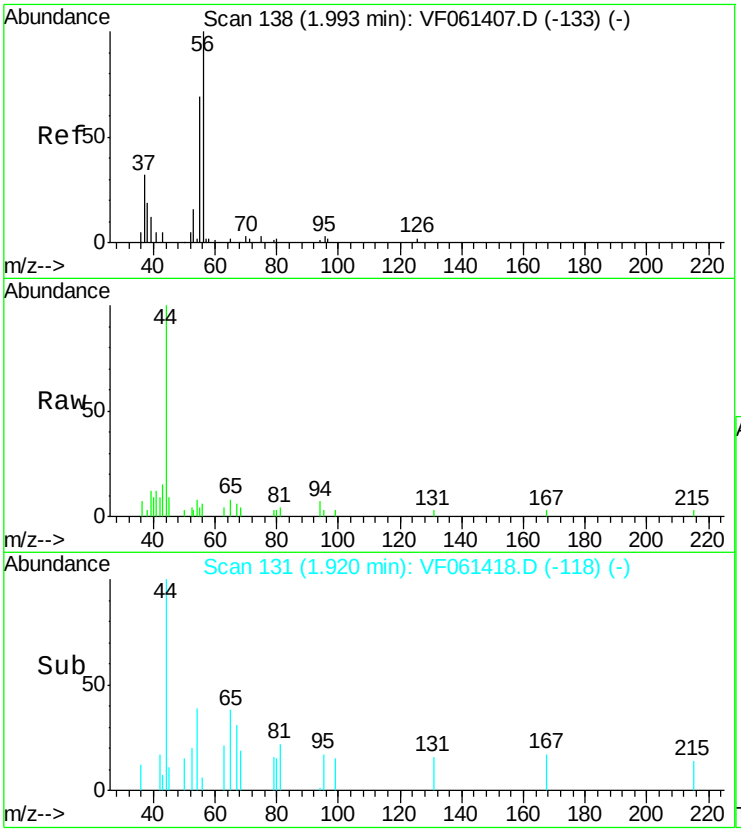


#11
Tert butyl alcohol
Concen: 5.986 ug/l
RT: 2.58 min Scan# 198
Delta R.T. 0.03 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Tgt Ion: 59 Resp: 675

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.9	17.9#



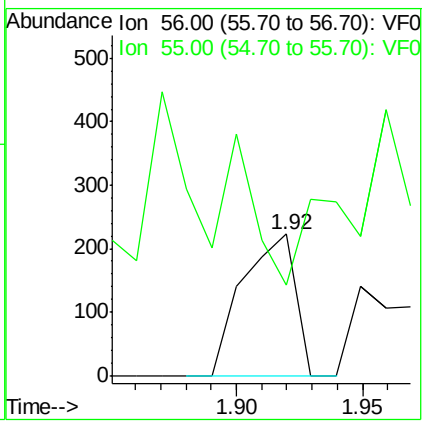


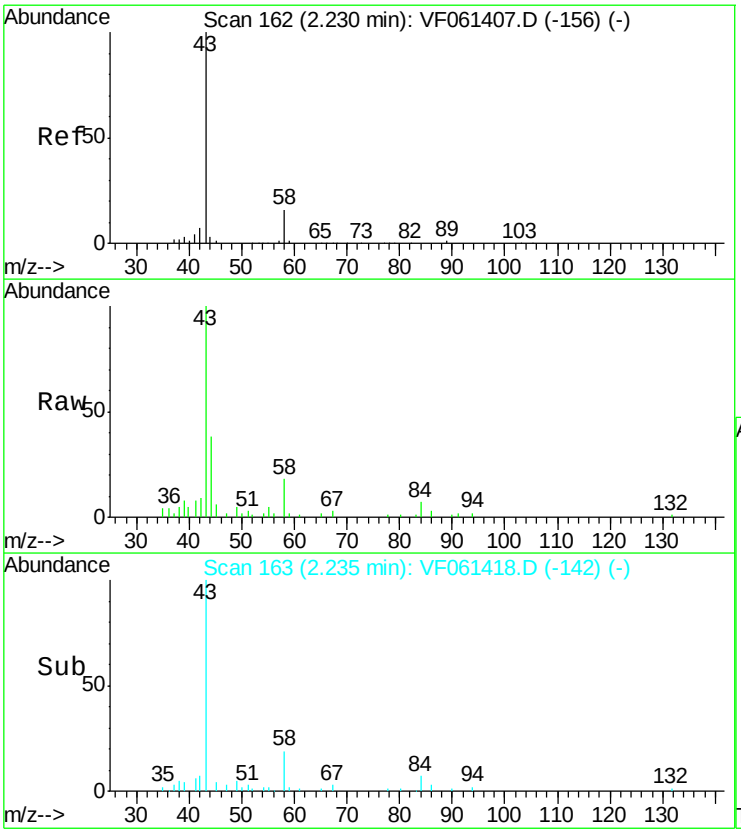
#13
Acrolein
Concen: 13.555 ug/l
RT: 1.92 min Scan# 131
Delta R.T. -0.07 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Instrument : MSVOA_F
ClientSampleId : VOC-9RE

Tgt Ion: 56 Resp: 326

Ion	Ratio	Lower	Upper
56	100		
55	63.7	57.5	86.3

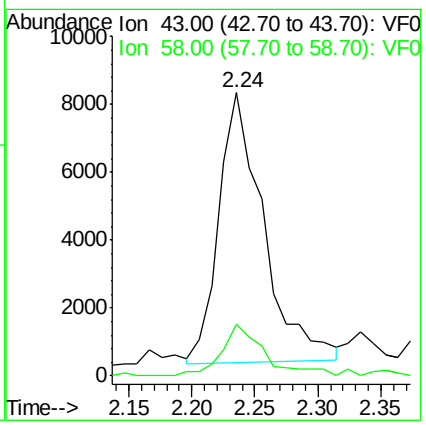


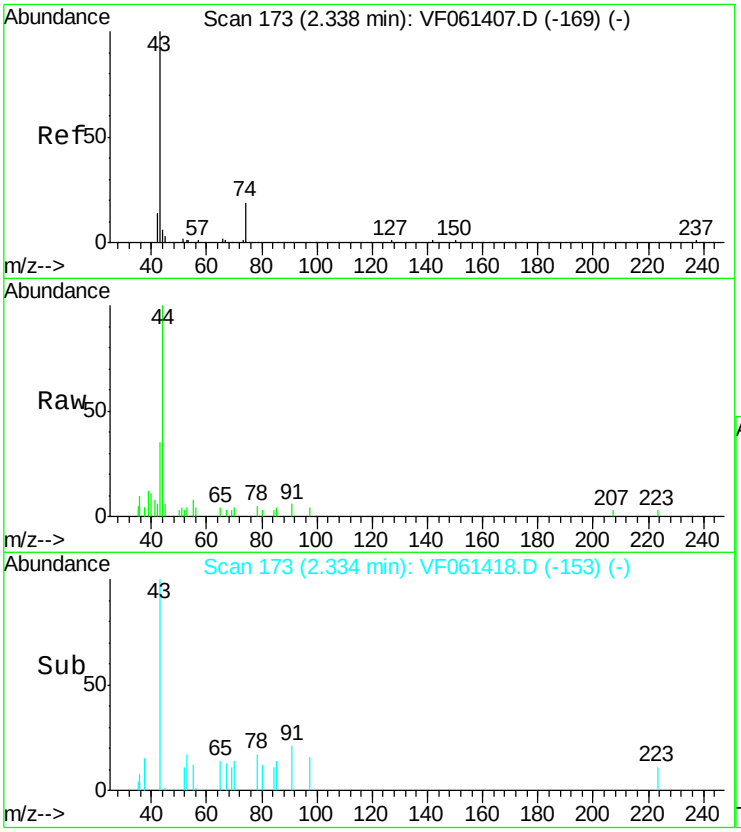


#16
Acetone
Concen: 36.807 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.01 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Tgt Ion: 43 Resp: 19671

Ion	Ratio	Lower	Upper
43	100		
58	18.4	13.3	19.9



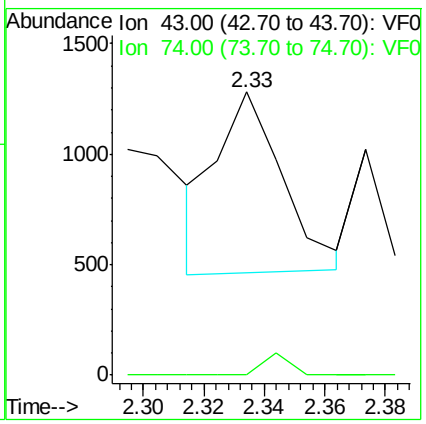


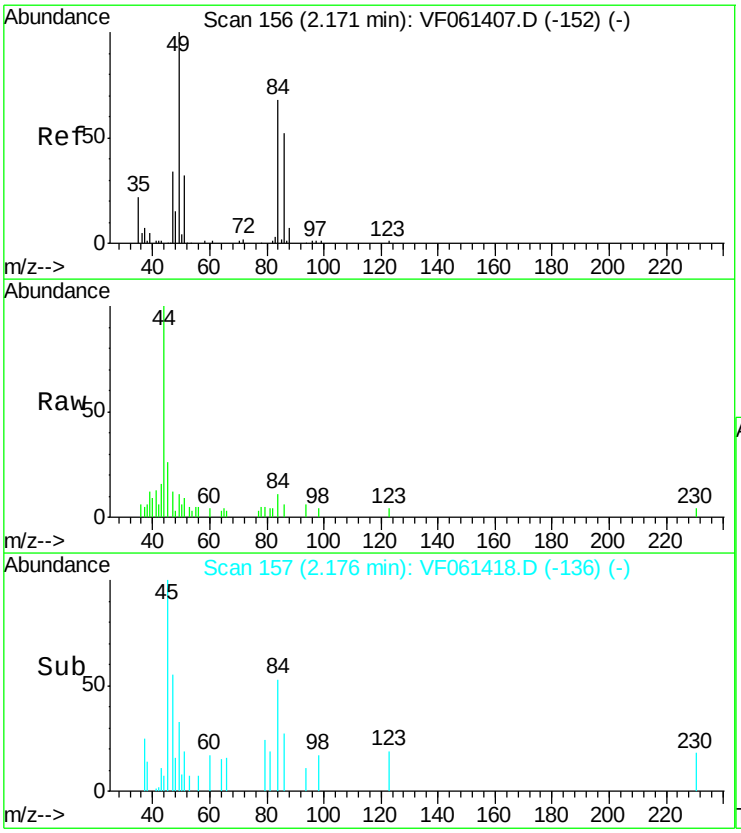
#18
Methyl Acetate
Concen: 1.160 ug/l
RT: 2.33 min Scan# 173
Delta R.T. -0.00 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Instrument : MSVOA_F
ClientSampleId : VOC-9RE

Tgt Ion: 43 Resp: 1229

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.4	20.0#

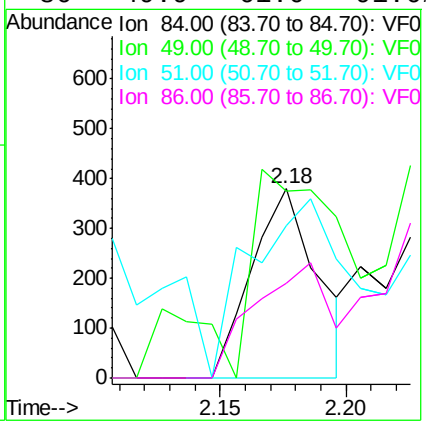


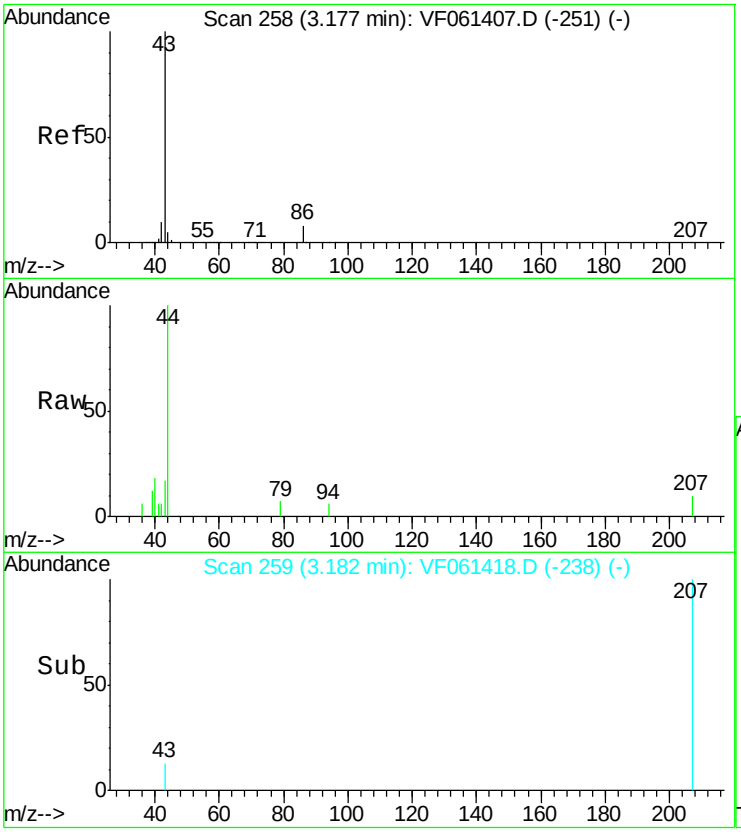


#20
Methylene Chloride
Concen: Below Cal
RT: 2.18 min Scan# 157
Delta R.T. 0.01 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Tgt Ion: 84 Resp: 695

Ion	Ratio	Lower	Upper
84	100		
49	98.7	120.0	180.0#
51	81.0	38.6	58.0#
86	49.9	61.0	91.6#



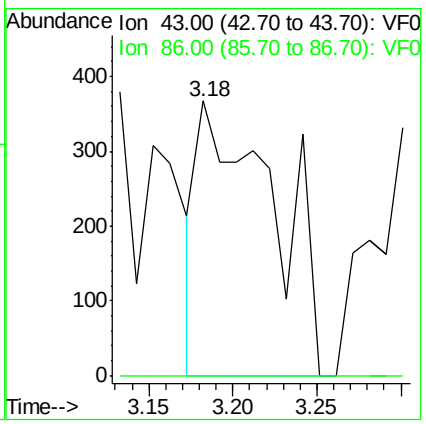


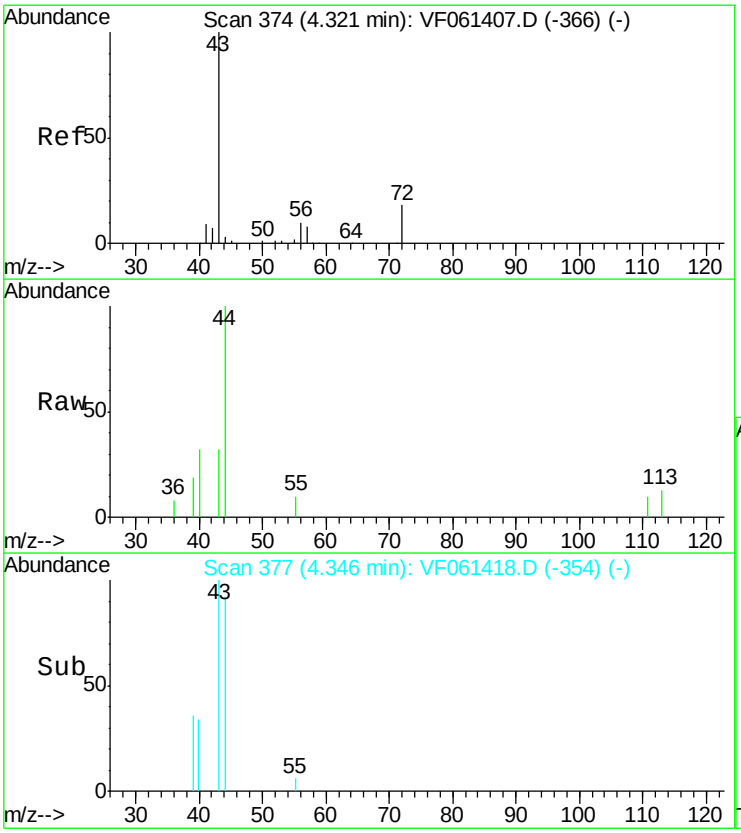
#23
Vinyl Acetate
Concen: 3.571 ug/l
RT: 3.18 min Scan# 259
Delta R.T. 0.01 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Instrument : MSVOA_F
ClientSampleId : VOC-9RE

Tgt Ion: 43 Resp: 1149

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#

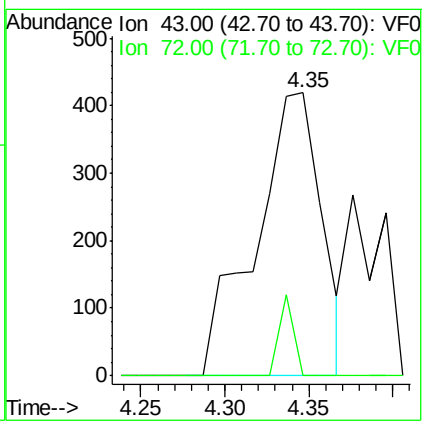


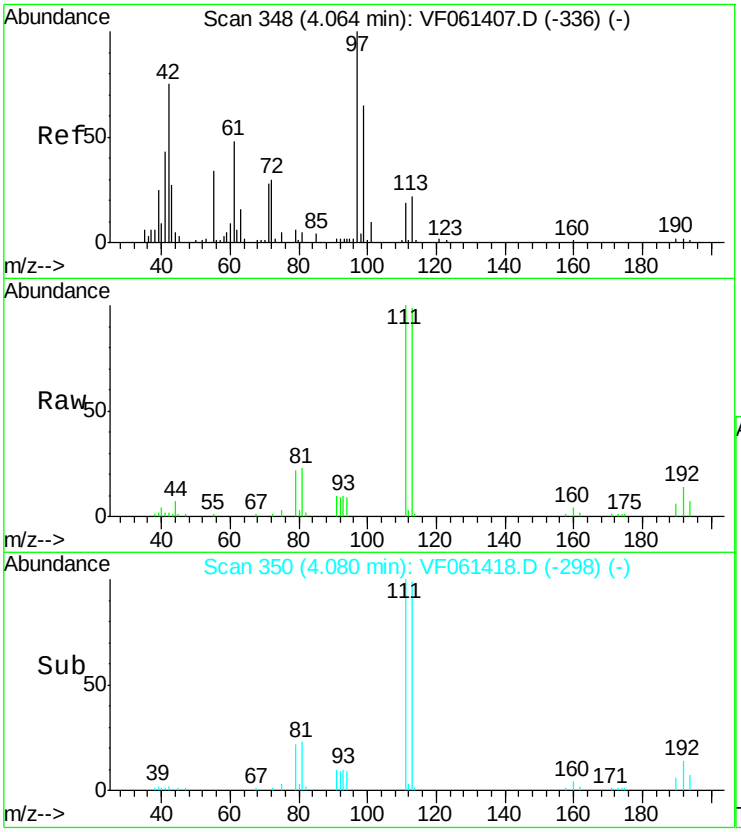


#25
2-Butanone
Concen: 1.285 ug/l
RT: 4.35 min Scan# 377
Delta R.T. 0.03 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Tgt Ion: 43 Resp: 1142

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.8	23.6#



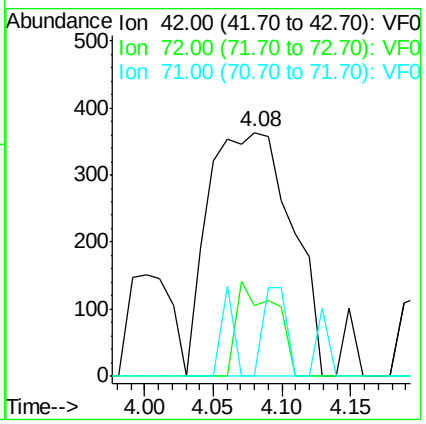


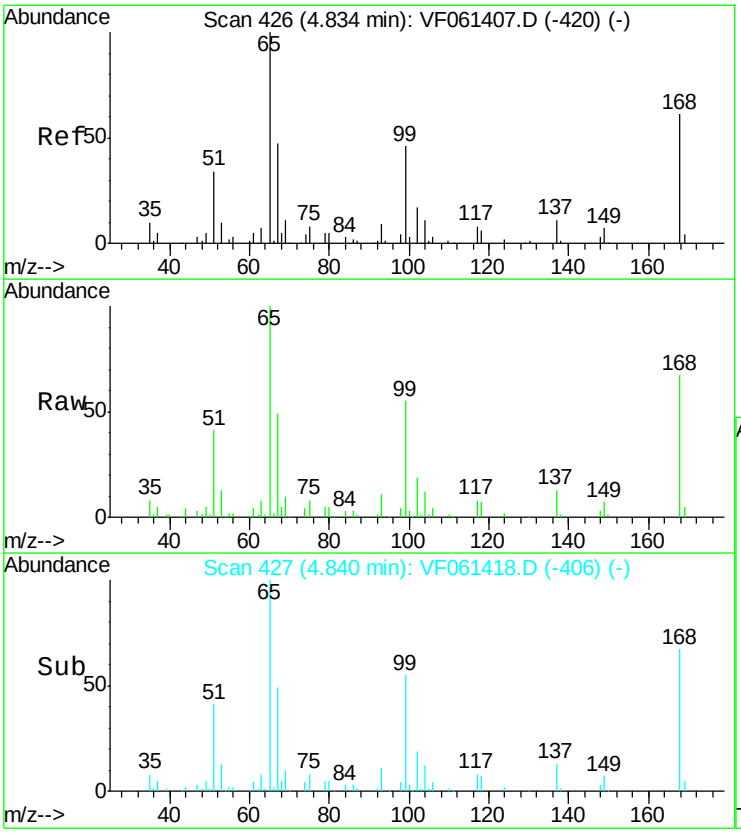
#29
Tetrahydrofuran
Concen: 3.998 ug/l
RT: 4.08 min Scan# 350
Delta R.T. 0.02 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :
VOC-9RE

Tgt Ion: 42 Resp: 1530

Ion	Ratio	Lower	Upper
42	100		
72	17.9	28.9	43.3#
71	10.2	29.6	44.4#

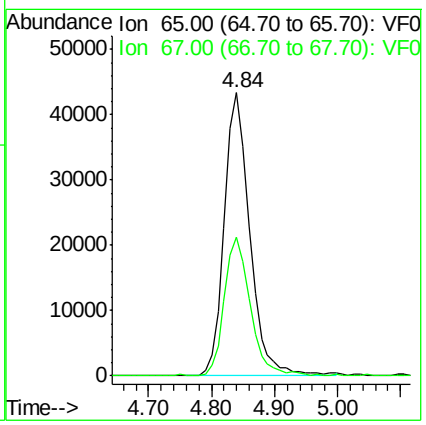


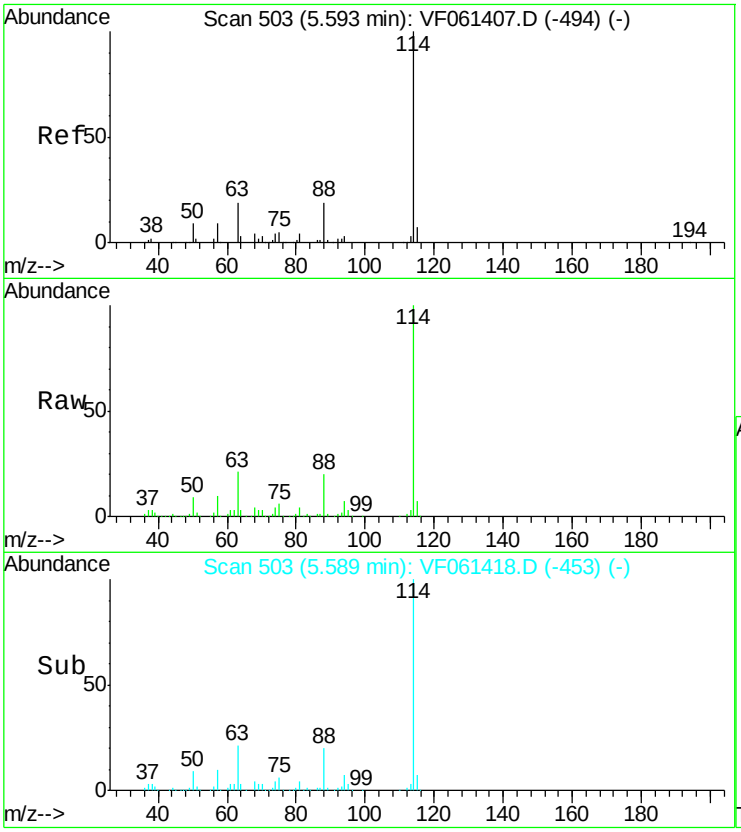


#33
1,2-Dichloroethane-d4
Concen: 45.769 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.01 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Tgt Ion: 65 Resp: 121931

Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	99.8



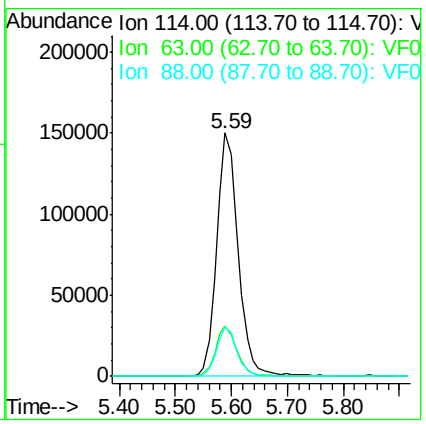


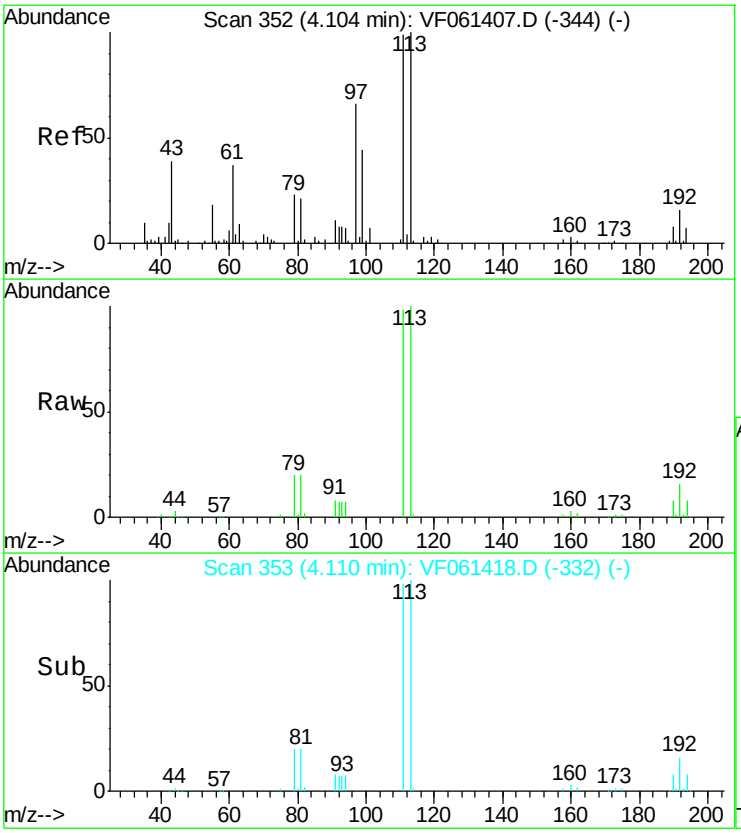
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.00 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :
VOC-9RE

Tgt Ion:114 Resp: 405036

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.0
88	20.1	0.0	37.4

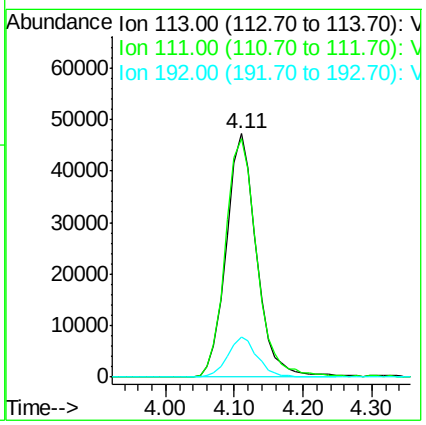


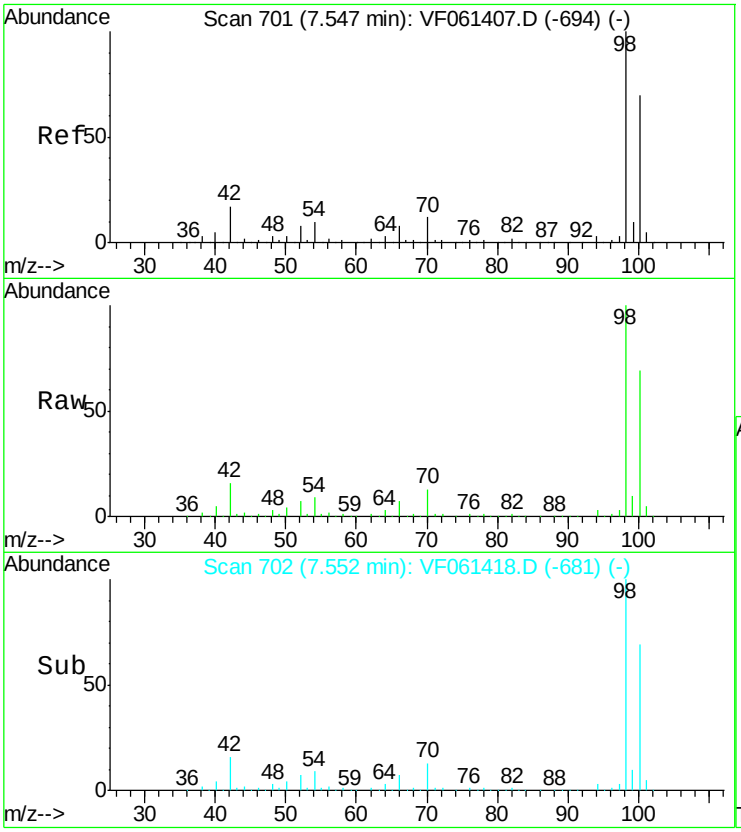


#35
Dibromofluoromethane
Concen: 45.007 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.01 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Tgt Ion:113 Resp: 143847

Ion	Ratio	Lower	Upper
113	100		
111	97.7	79.4	119.0
192	16.2	12.4	18.6



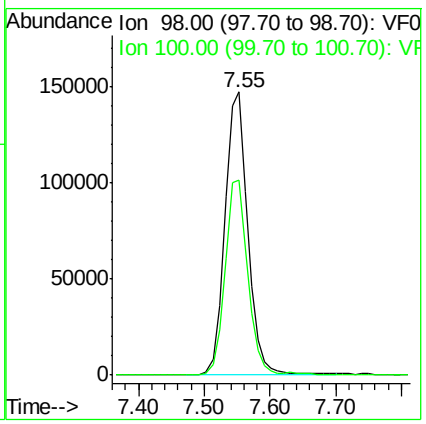


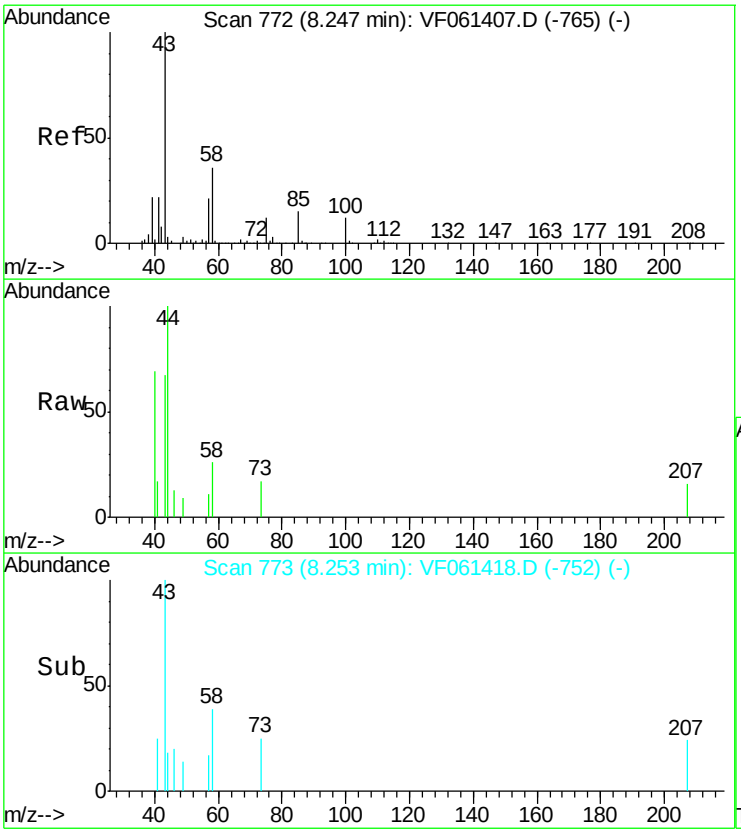
#50
Toluene-d8
Concen: 41.052 ug/l
RT: 7.55 min Scan# 702
Delta R.T. 0.01 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :
VOC-9RE

Tgt Ion: 98 Resp: 359481

Ion	Ratio	Lower	Upper
98	100		
100	68.9	55.6	83.4

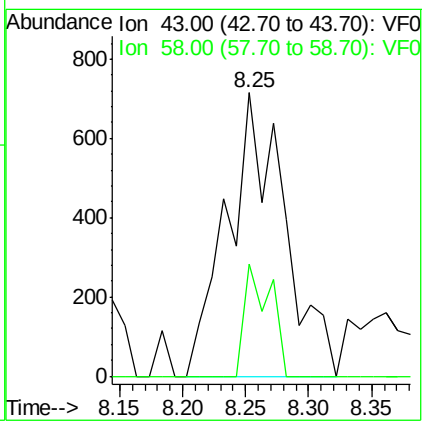


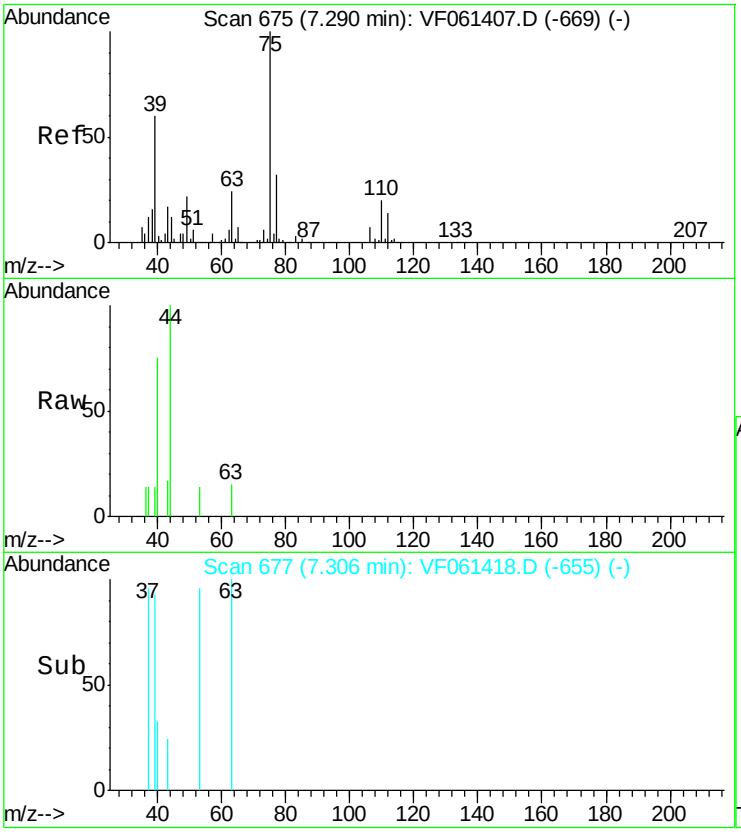


#51
4-Methyl-2-Pentanone
Concen: 1.300 ug/l
RT: 8.25 min Scan# 773
Delta R.T. 0.01 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Tgt Ion: 43 Resp: 2251

Ion	Ratio	Lower	Upper
43	100		
58	39.4	28.8	43.2



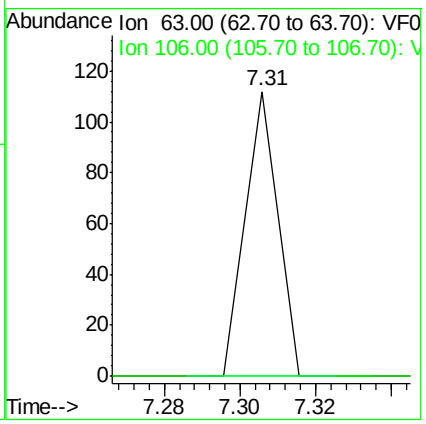


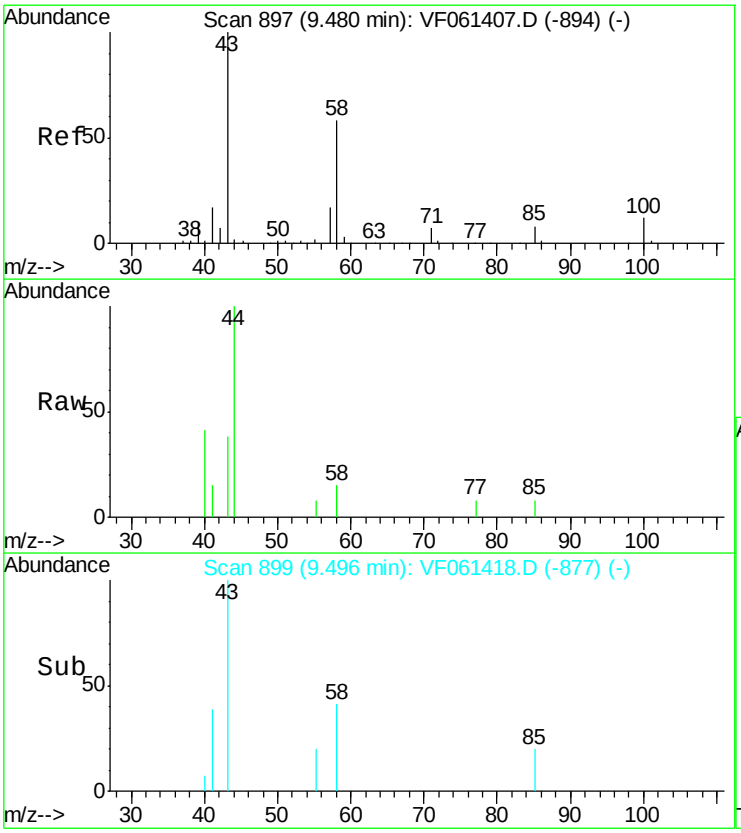
#58
2-Chloroethyl Vinyl ether
Concen: 27.764 ug/l
RT: 7.31 min Scan# 677
Delta R.T. 0.02 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Instrument : MSVOA_F
ClientSampleId : VOC-9RE

Tgt Ion: 63 Resp: 66

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.9	32.9#

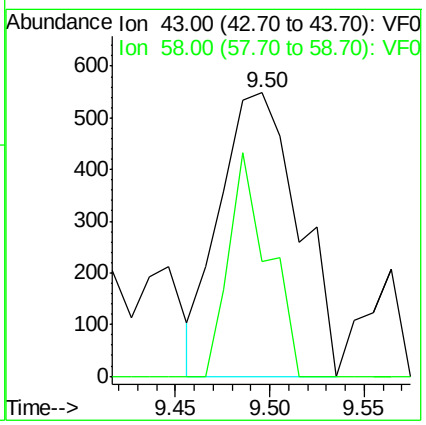


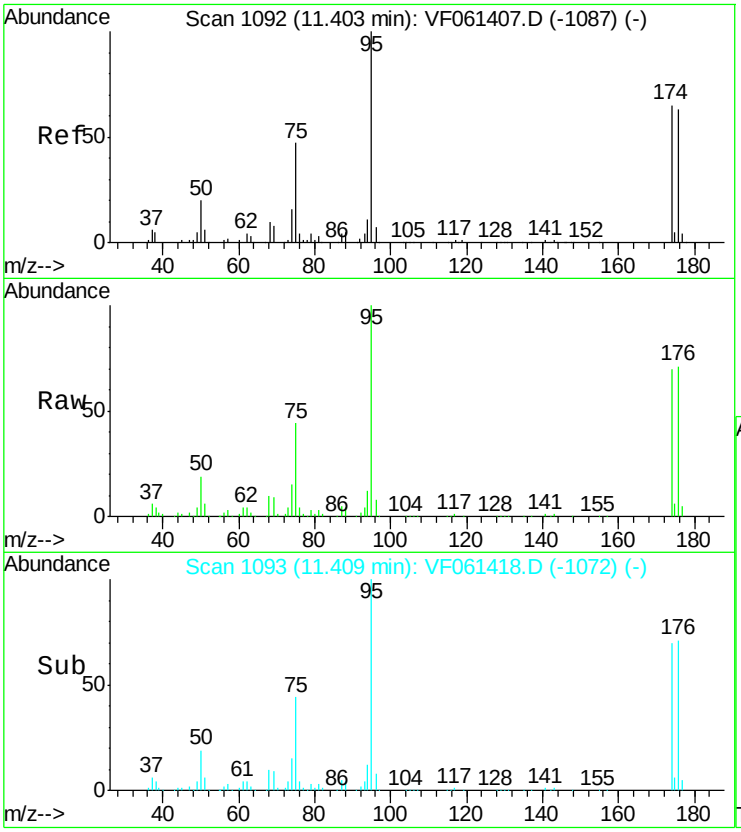


#59
2-Hexanone
Concen: 1.307 ug/l
RT: 9.50 min Scan# 899
Delta R.T. 0.02 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Tgt Ion: 43 Resp: 1578

Ion	Ratio	Lower	Upper
43	100		
58	40.5	25.9	77.6



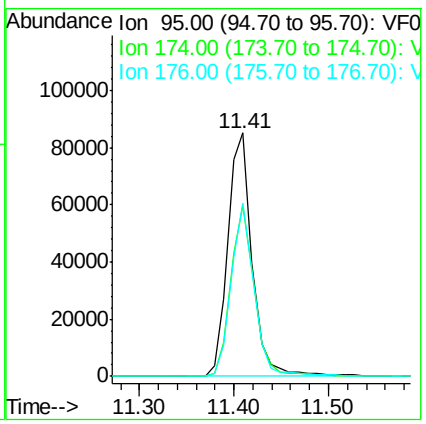


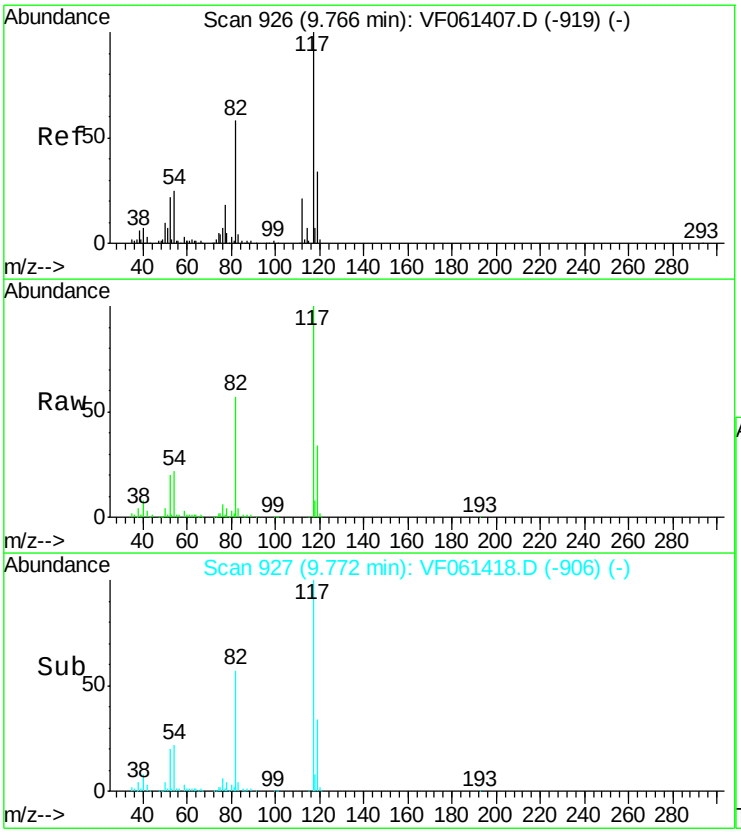
#62
4-Bromofluorobenzene
Concen: 36.961 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :
VOC-9RE

Tgt Ion: 95 Resp: 151221

Ion	Ratio	Lower	Upper
95	100		
174	70.1	0.0	130.4
176	71.3	0.0	126.2

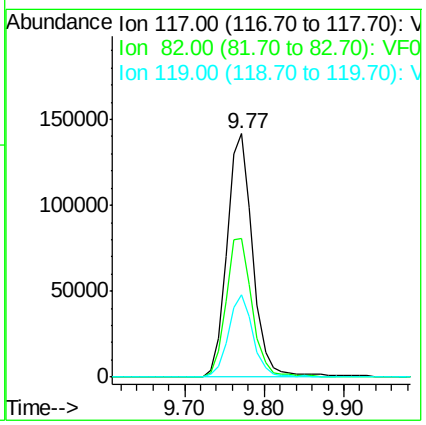


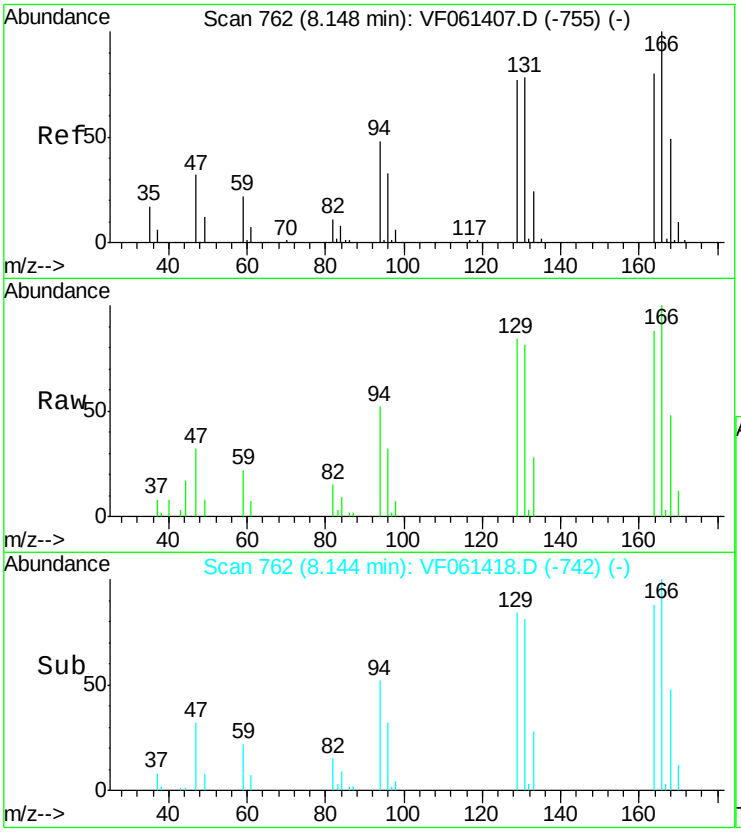


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Tgt Ion:117 Resp: 321240

Ion	Ratio	Lower	Upper
117	100		
82	57.1	46.4	69.6
119	33.8	27.2	40.8



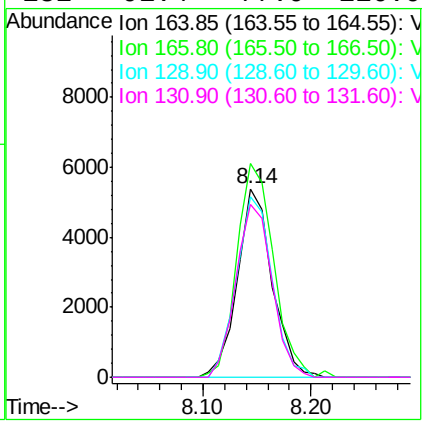


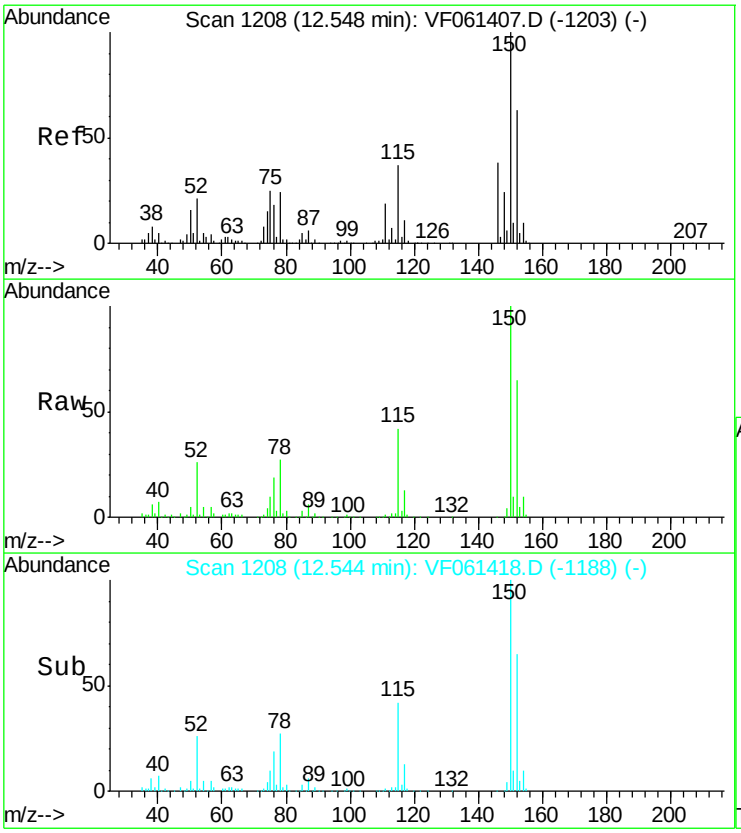
#64
Tetrachloroethene
Concen: 4.982 ug/l
RT: 8.14 min Scan# 762
Delta R.T. -0.00 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Instrument :
MSVOA_F
ClientSampleId :
VOC-9RE

Tgt Ion:164 Resp: 12035

Ion	Ratio	Lower	Upper
164	100		
166	113.3	99.6	149.4
129	95.4	76.4	114.6
131	91.4	77.9	116.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061418.D
Acq: 16 Jan 2019 18:15

Tgt Ion:152 Resp: 130554

Ion	Ratio	Lower	Upper
152	100		
115	64.5	30.0	90.0
150	154.2	0.0	321.4