Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF020819\
Data File : VF061564.D
Acq On : 8 Feb 2019 18:16
Operator : VA/AP
Sample : K1442-02
Misc : 5.31g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VOC-11

Quant Time: Feb 09 04:32:05 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	184422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	315376	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	256697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	108827	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	105003	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.24%			
35) Dibromofluoromethane	4.11	113	119543	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.08%			
50) Toluene-d8	7.55	98	254887	37.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 74.76%			
62) 4-Bromofluorobenzene	11.41	95	109691	34.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 68.86%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.56	59	358	3.715	ug/l #	12
13) Acrolein	1.86	56	490	15.995	ug/l	87
14) Allyl chloride	2.09	41	301	Below Cal	#	43
15) Acrylonitrile	2.94	53	736	2.981	ug/l #	60
16) Acetone	2.24	43	19723	43.179	ug/l	98
18) Methyl Acetate	2.38	43	1015	1.120	ug/l #	61
20) Methylene Chloride	2.18	84	1454	Below Cal	#	86
23) Vinyl Acetate	3.16	43	109	3.236	ug/l #	78
29) Tetrahydrofuran	4.08	42	375	1.147	ug/l #	81
49) 1,4-Dioxane	6.34	88	63	Below Cal	#	13

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

Quantitation Report (Not Reviewed)

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Instrument :
MSVOA_F
ClientSampleId :
VOC-11

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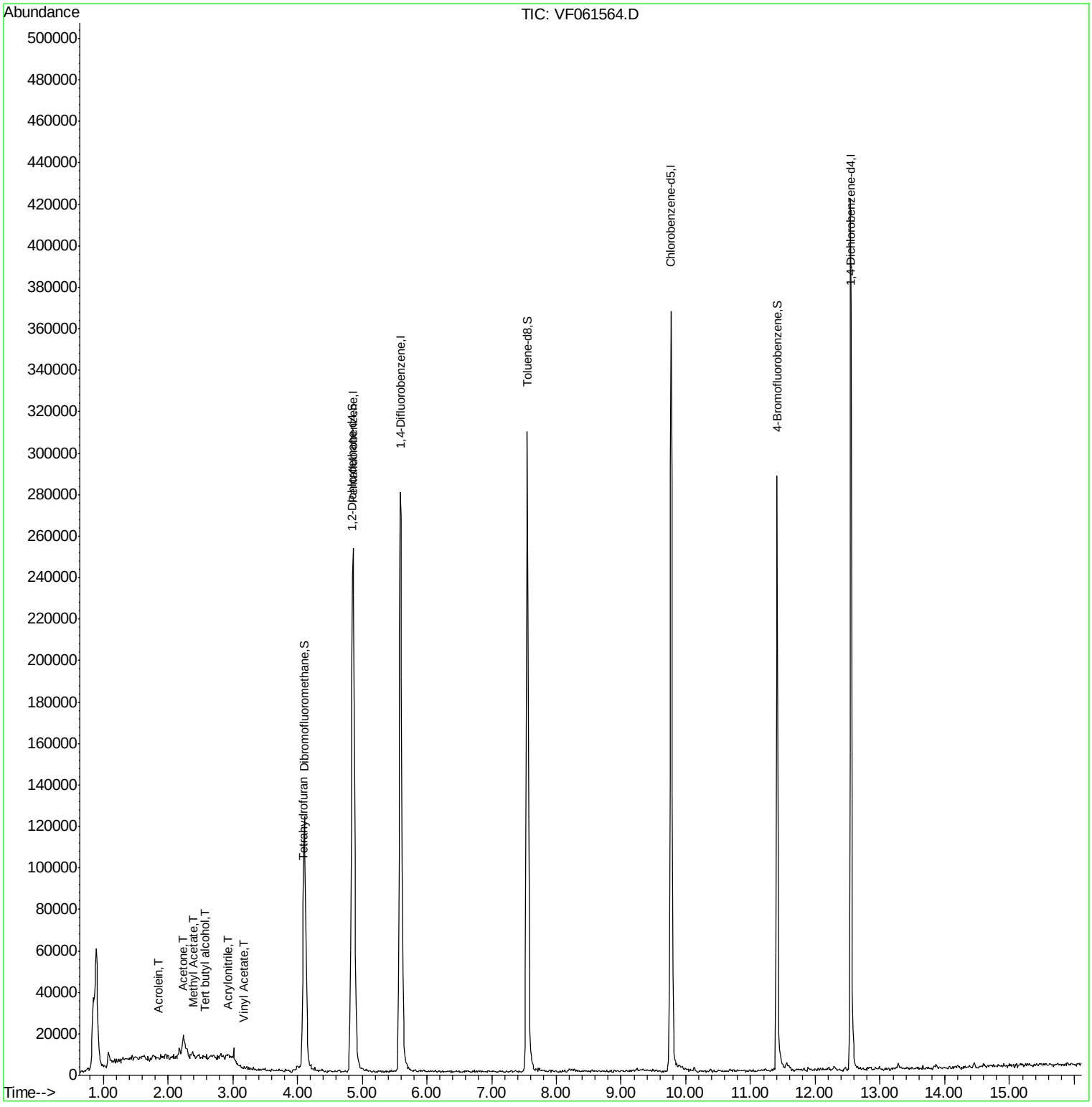
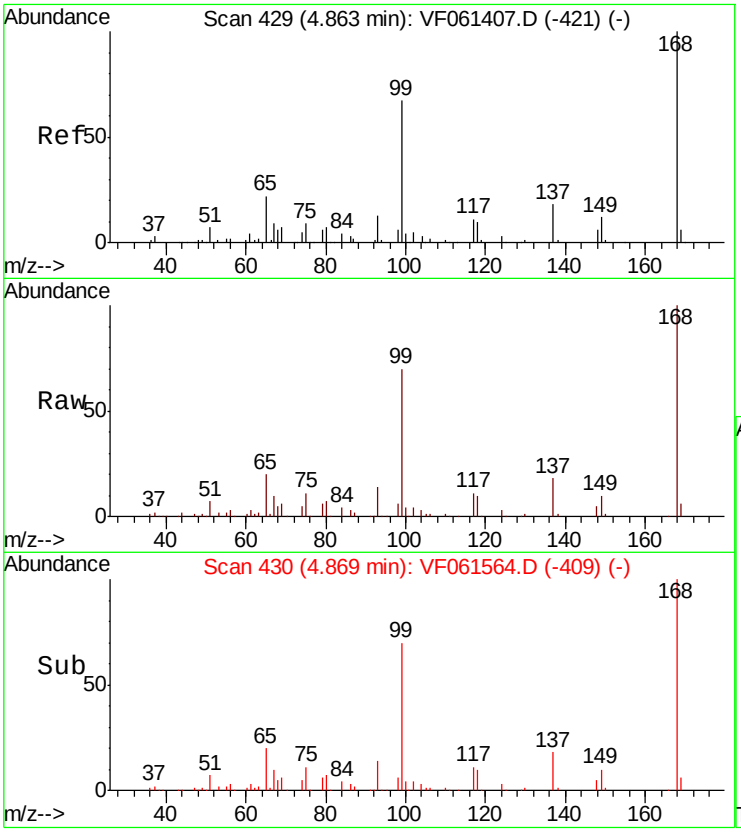
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration



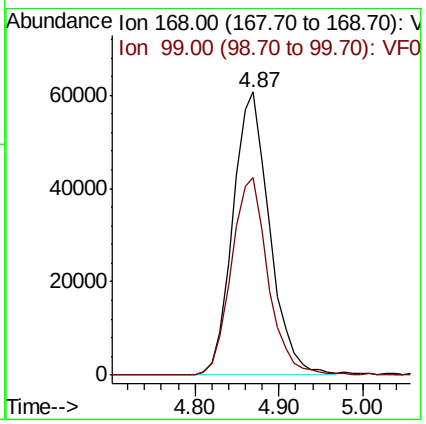


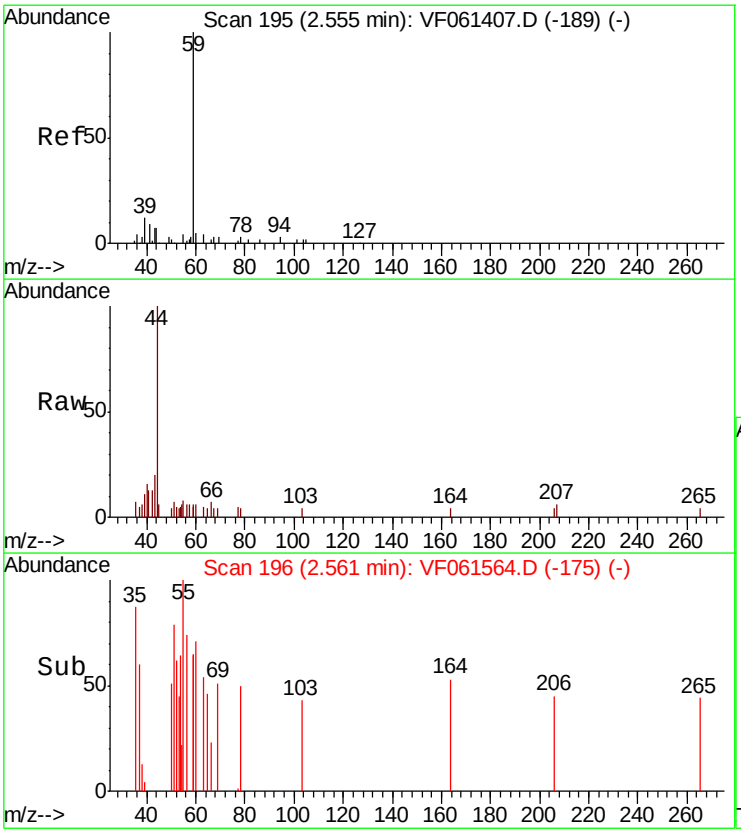
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.01 min
Lab File: VF061564.D
Acq: 8 Feb 2019 18:16

Instrument :
MSVOA_F
ClientSampleId :
VOC-11

Tgt Ion:168 Resp: 184422

Ion	Ratio	Lower	Upper
168	100		
99	69.8	53.5	80.3

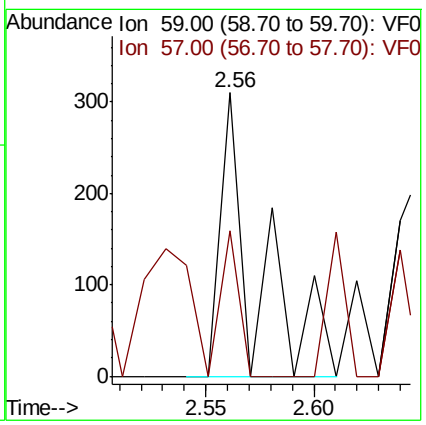


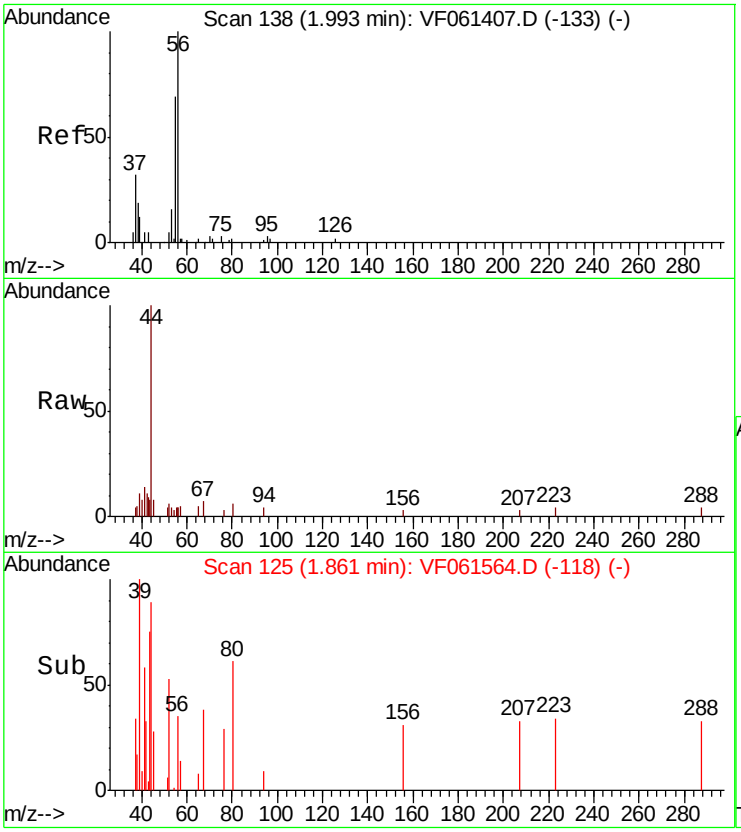


#11
Tert butyl alcohol
Concen: 3.715 ug/l
RT: 2.56 min Scan# 196
Delta R.T. 0.01 min
Lab File: VF061564.D
Acq: 8 Feb 2019 18:16

Tgt Ion: 59 Resp: 358

Ion	Ratio	Lower	Upper
59	100		
57	51.3	11.9	17.9#



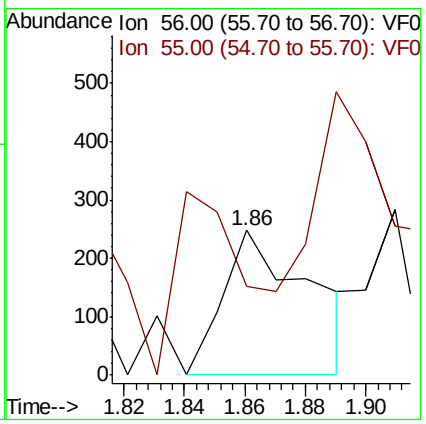


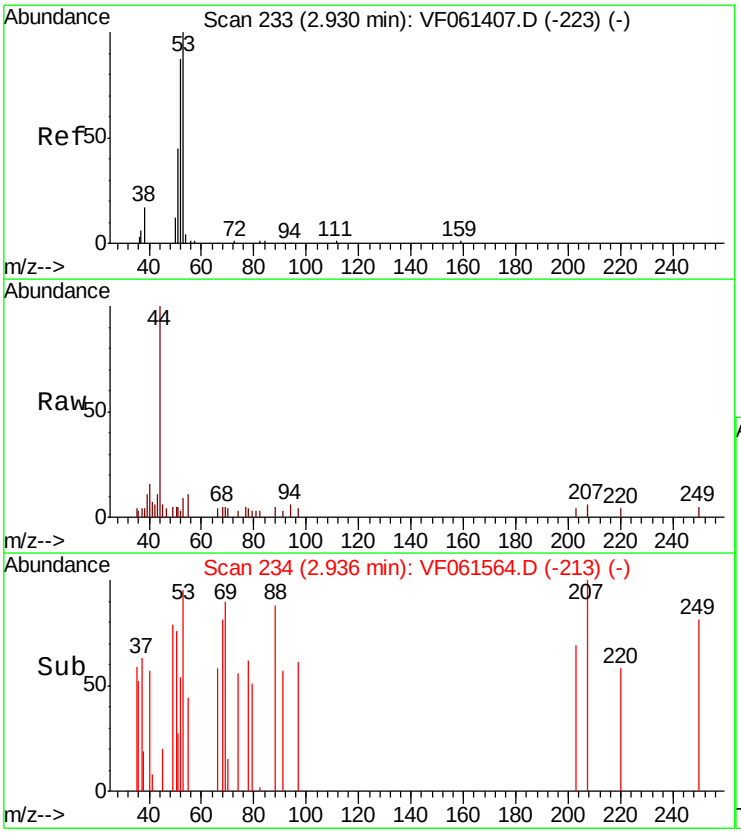
#13
Acrolein
Concen: 15.995 ug/l
RT: 1.86 min Scan# 125
Delta R.T. -0.13 min
Lab File: VF061564.D
Acq: 8 Feb 2019 18:16

Instrument :
MSVOA_F
ClientSampleId :
VOC-11

Tgt Ion: 56 Resp: 490

Ion	Ratio	Lower	Upper
56	100		
55	60.9	57.5	86.3

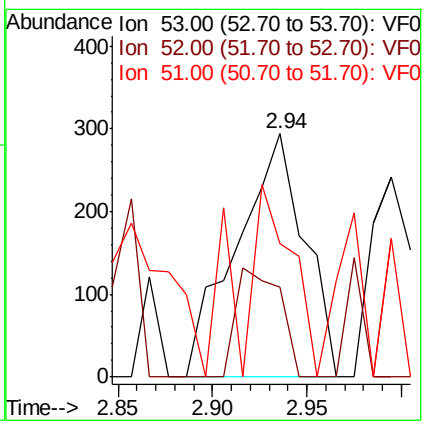


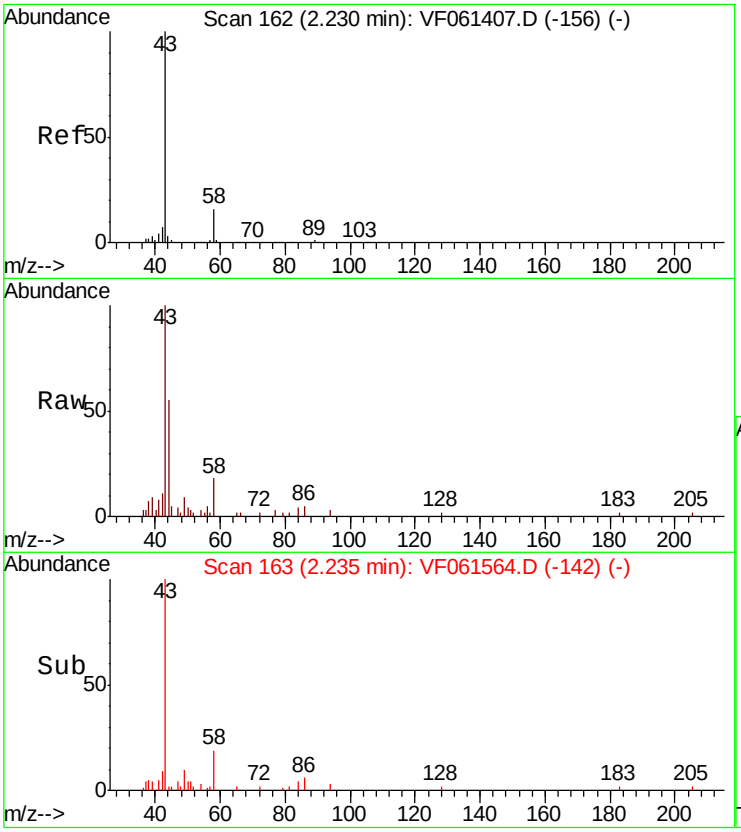


#15
Acrylonitrile
Concen: 2.981 ug/l
RT: 2.94 min Scan# 234
Delta R.T. 0.01 min
Lab File: VF061564.D
Acq: 8 Feb 2019 18:16

Tgt Ion: 53 Resp: 736

Ion	Ratio	Lower	Upper
53	100		
52	37.1	69.6	104.4#
51	55.1	36.8	55.2



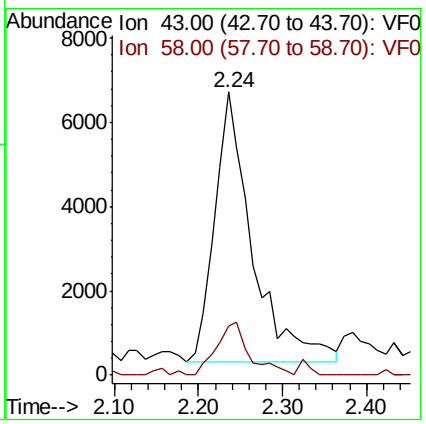


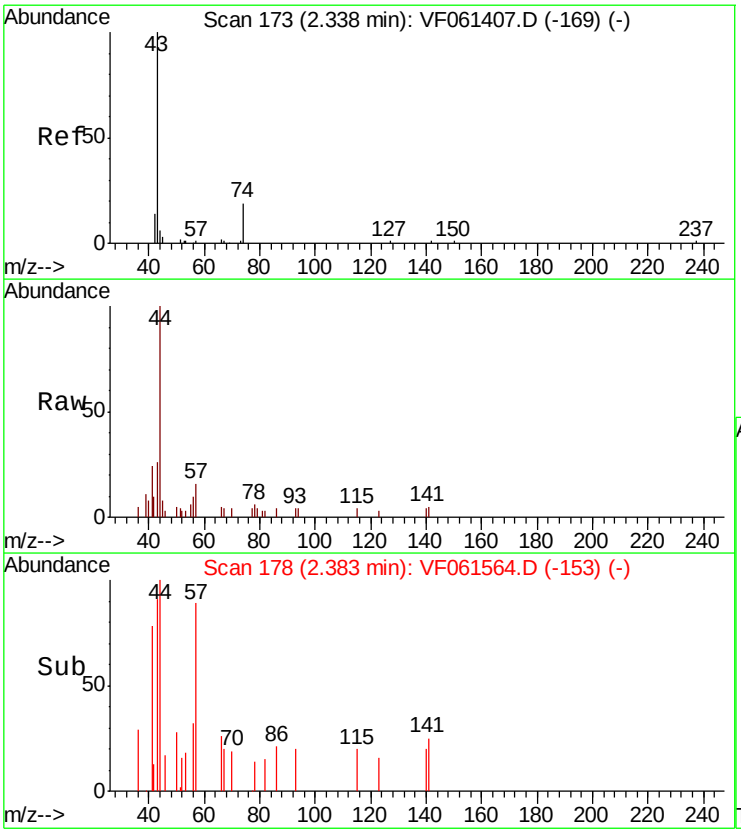
#16
Acetone
Concen: 43.179 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.01 min
Lab File: VF061564.D
Acq: 8 Feb 2019 18:16

Instrument : MSVOA_F
ClientSampleId : VOC-11

Tgt Ion: 43 Resp: 19723

Ion	Ratio	Lower	Upper
43	100		
58	17.5	13.3	19.9

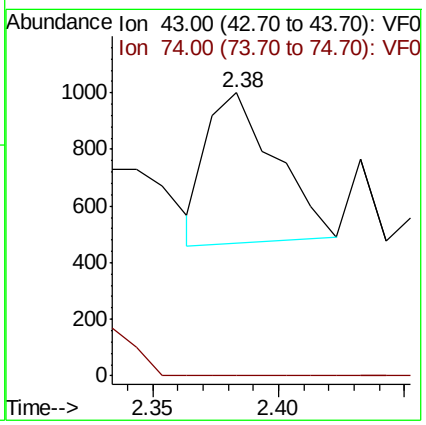


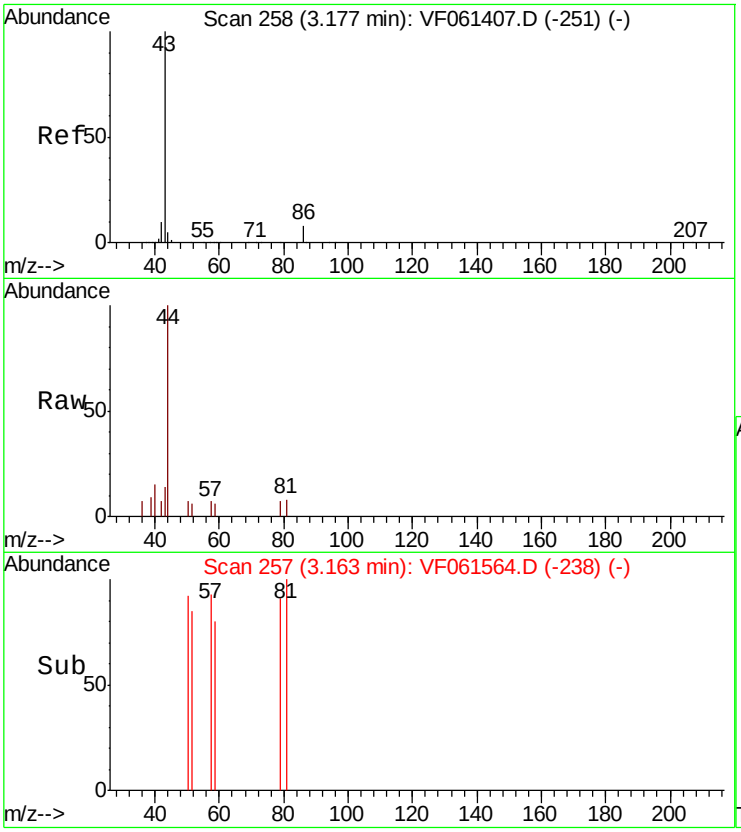


#18
Methyl Acetate
Concen: 1.120 ug/l
RT: 2.38 min Scan# 178
Delta R.T. 0.05 min
Lab File: VF061564.D
Acq: 8 Feb 2019 18:16

Tgt Ion: 43 Resp: 1015

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.4	20.0#



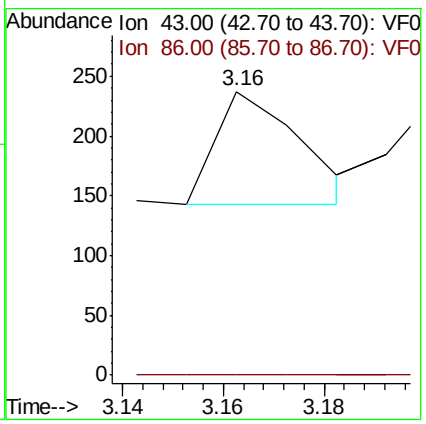


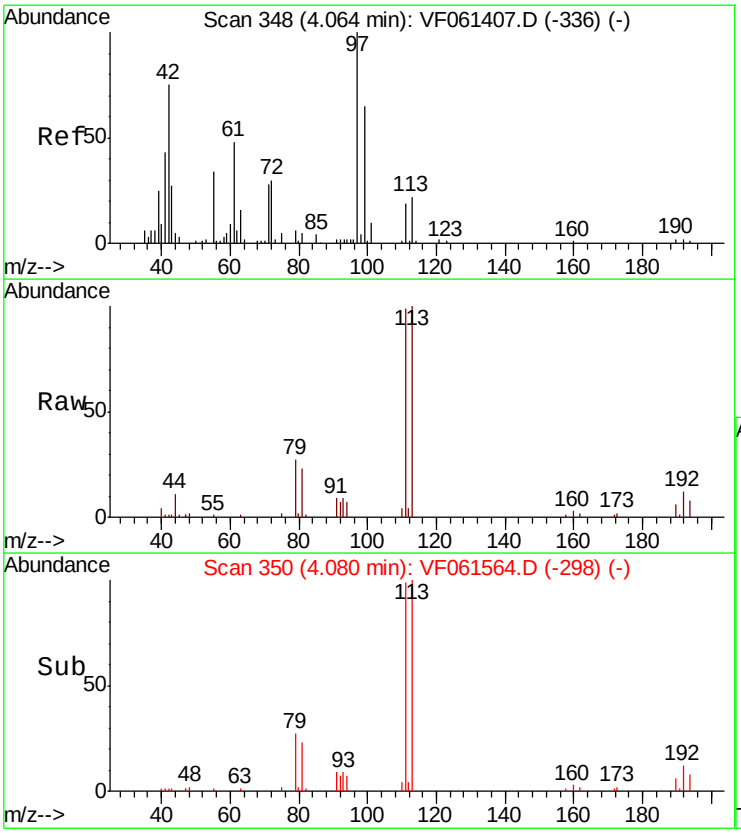
#23
Vinyl Acetate
Concen: 3.236 ug/l
RT: 3.16 min Scan# 257
Delta R.T. -0.01 min
Lab File: VF061564.D
Acq: 8 Feb 2019 18:16

Instrument : MSVOA_F
ClientSampleId : VOC-11

Tgt Ion: 43 Resp: 109

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#

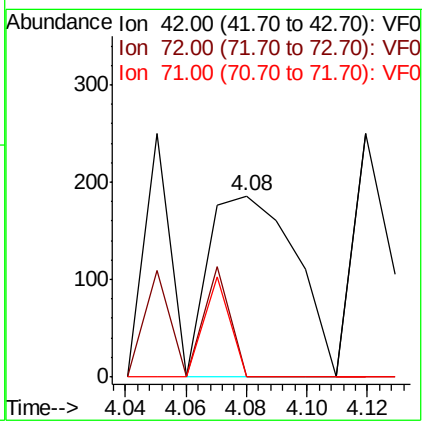


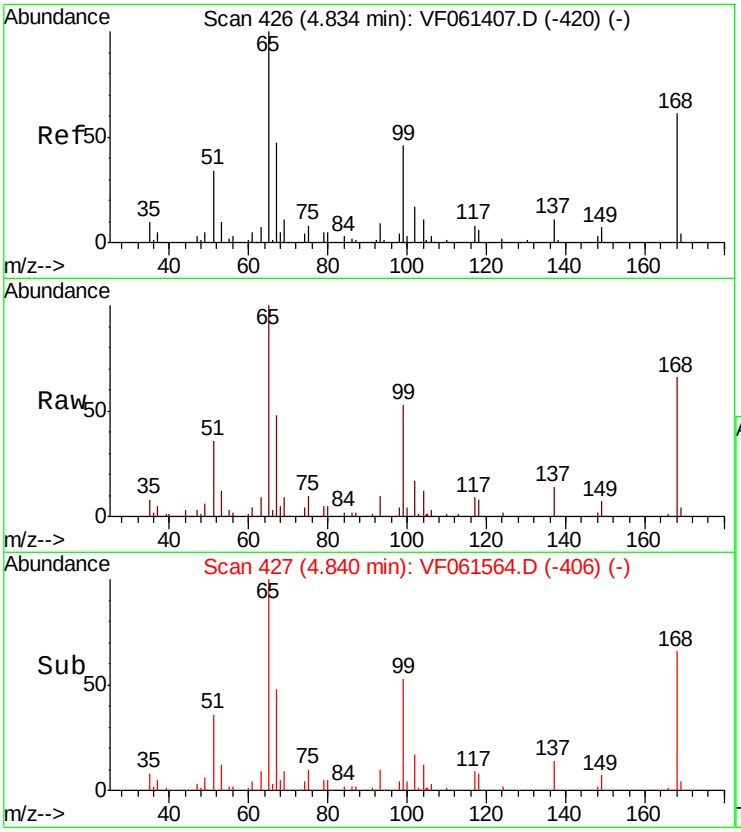


#29
Tetrahydrofuran
Concen: 1.147 ug/l
RT: 4.08 min Scan# 350
Delta R.T. 0.02 min
Lab File: VF061564.D
Acq: 8 Feb 2019 18:16

Tgt Ion: 42 Resp: 375

Ion	Ratio	Lower	Upper
42	100		
72	34.9	28.9	43.3
71	16.3	29.6	44.4#



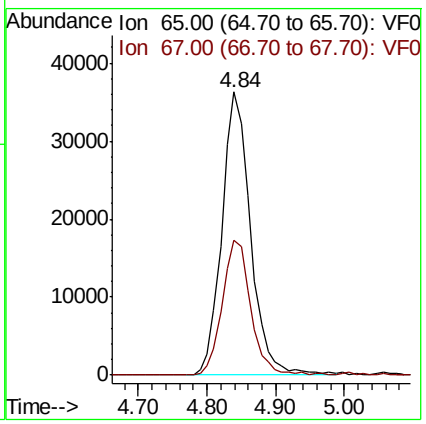


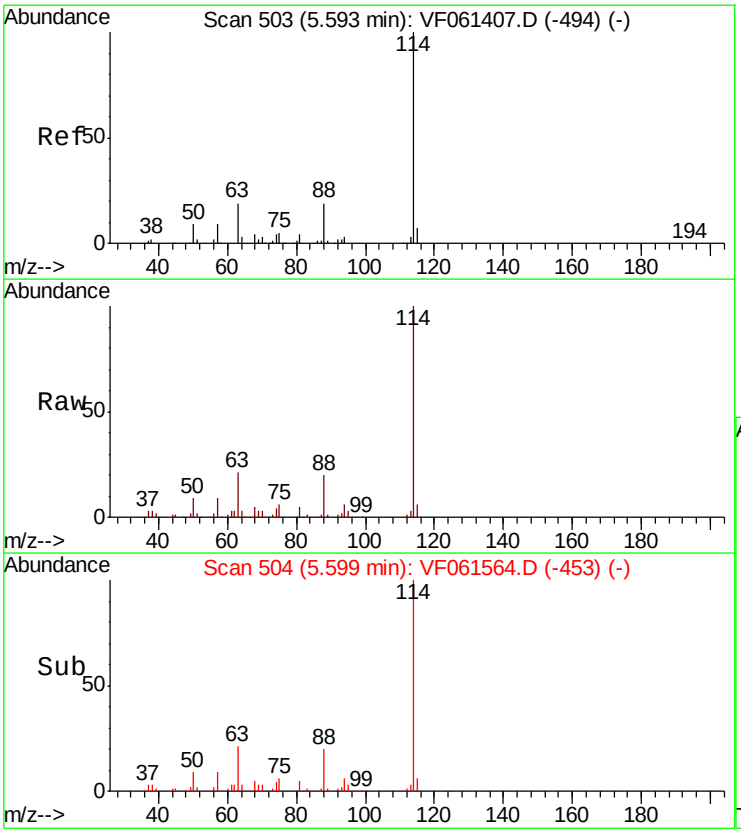
#33
1,2-Dichloroethane-d4
Concen: 46.116 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.01 min
Lab File: VF061564.D
Acq: 8 Feb 2019 18:16

Instrument :
MSVOA_F
ClientSampleId :
VOC-11

Tgt Ion: 65 Resp: 105003

Ion	Ratio	Lower	Upper
65	100		
67	47.6	0.0	99.8

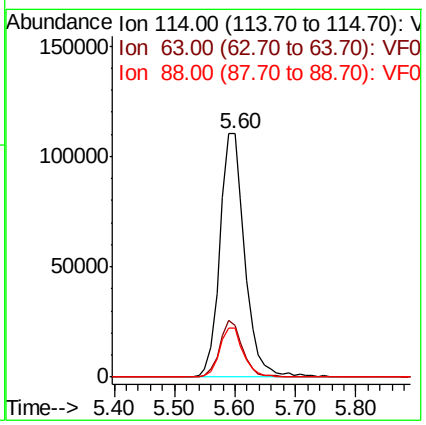


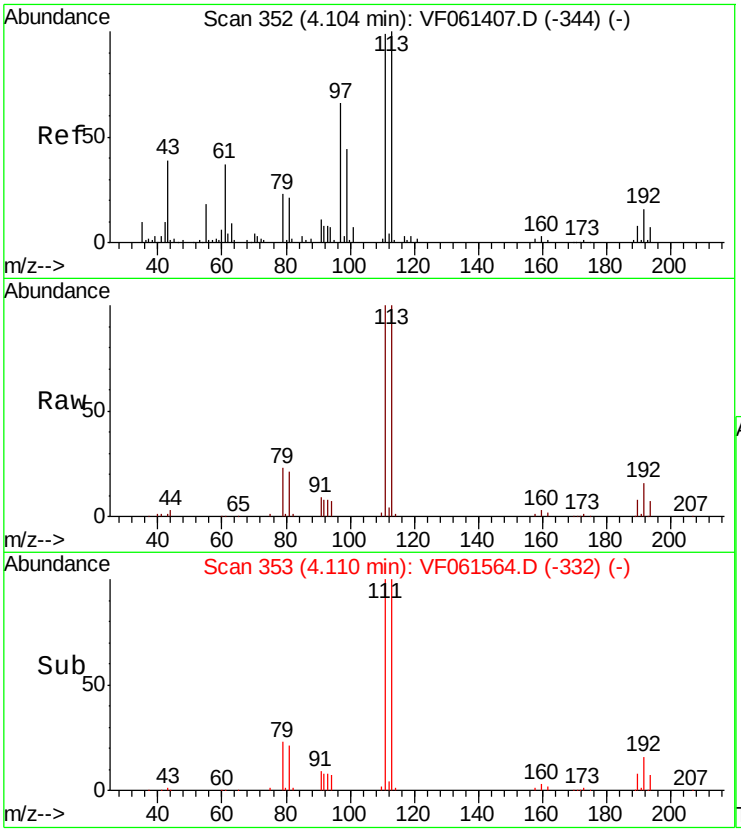


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF061564.D
Acq: 8 Feb 2019 18:16

Tgt Ion:114 Resp: 315376

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	39.0
88	20.2	0.0	37.4



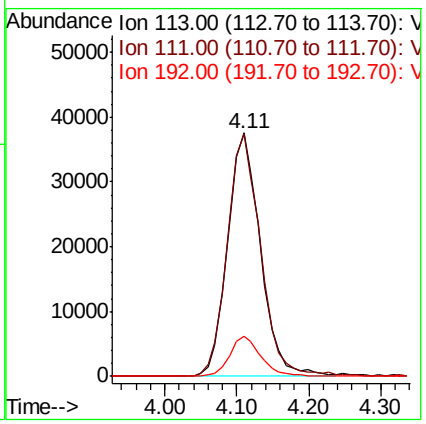


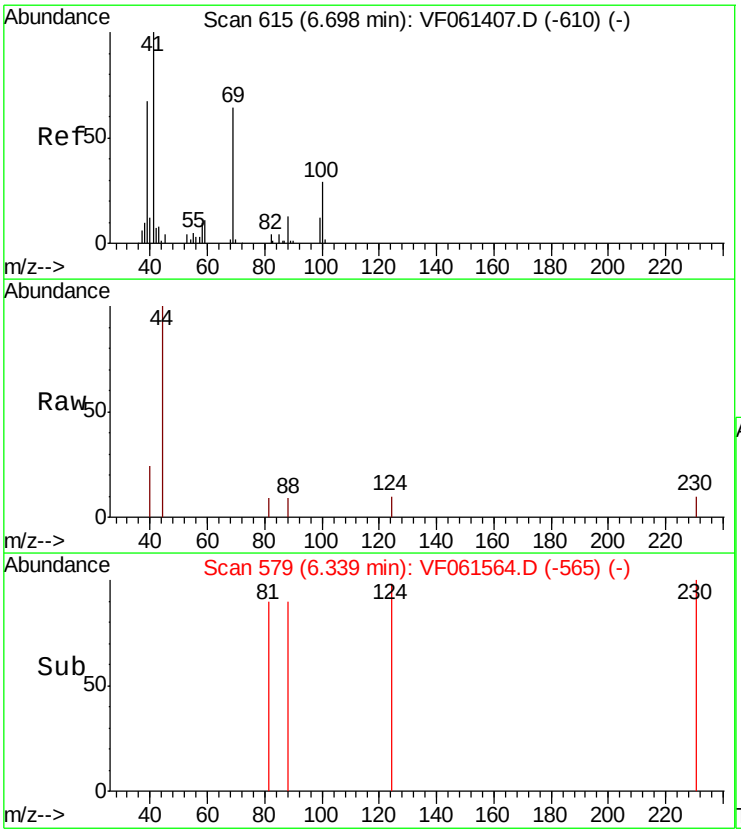
#35
Dibromofluoromethane
Concen: 48.036 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.01 min
Lab File: VF061564.D
Acq: 8 Feb 2019 18:16

Instrument :
MSVOA_F
ClientSampleId :
VOC-11

Tgt Ion:113 Resp: 119543

Ion	Ratio	Lower	Upper
113	100		
111	99.8	79.4	119.0
192	16.4	12.4	18.6

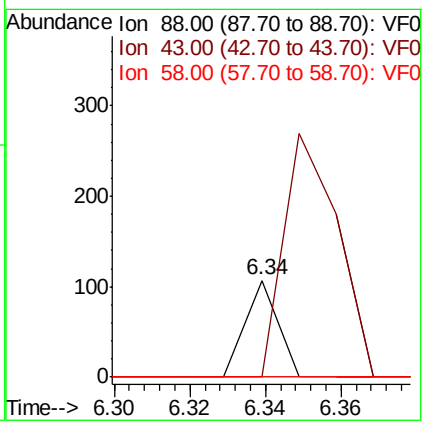


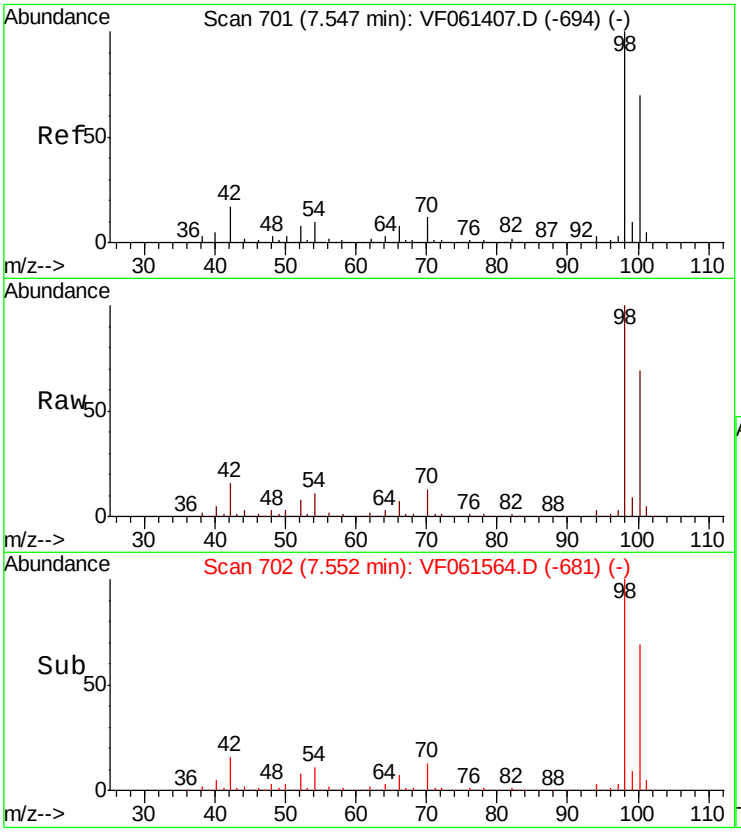


#49
1,4-Dioxane
Concen: Below Cal
RT: 6.34 min Scan# 579
Delta R.T. -0.36 min
Lab File: VF061564.D
Acq: 8 Feb 2019 18:16

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
43	0.0	55.5	83.3#
58	0.0	59.9	89.9#



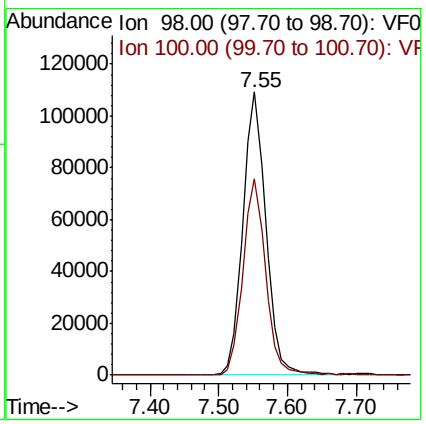


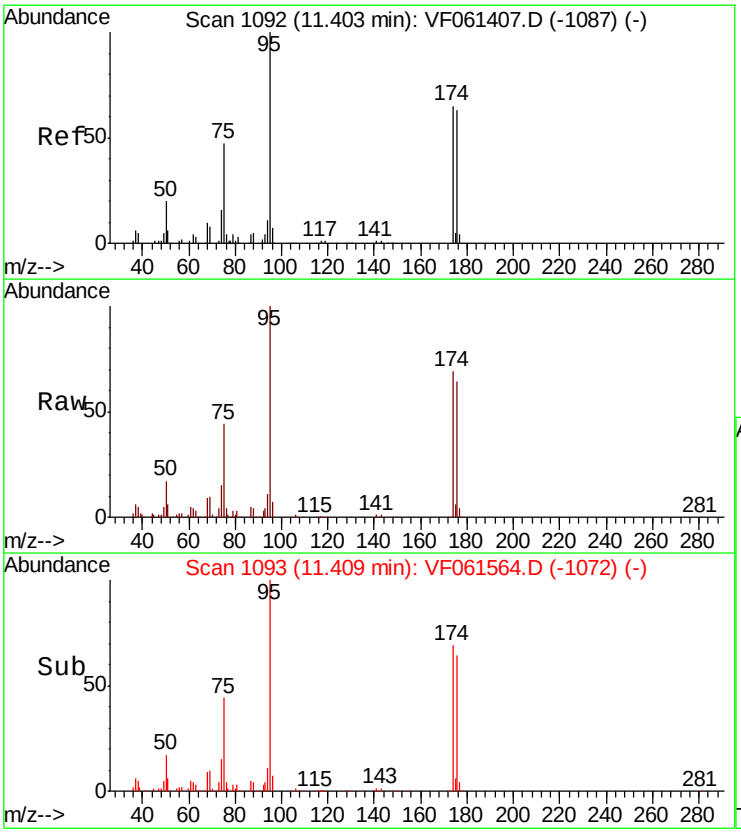
#50
Toluene-d8
Concen: 37.383 ug/l
RT: 7.55 min Scan# 702
Delta R.T. 0.01 min
Lab File: VF061564.D
Acq: 8 Feb 2019 18:16

Instrument :
MSVOA_F
ClientSampleId :
VOC-11

Tgt Ion: 98 Resp: 254887

Ion	Ratio	Lower	Upper
98	100		
100	69.4	55.6	83.4

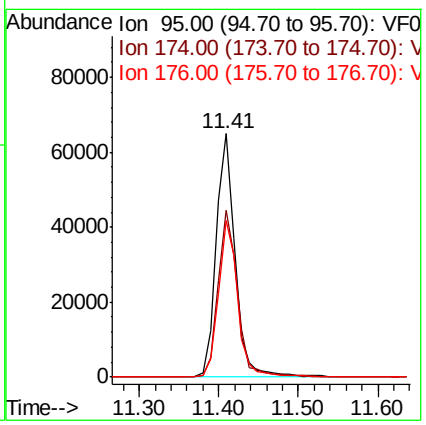


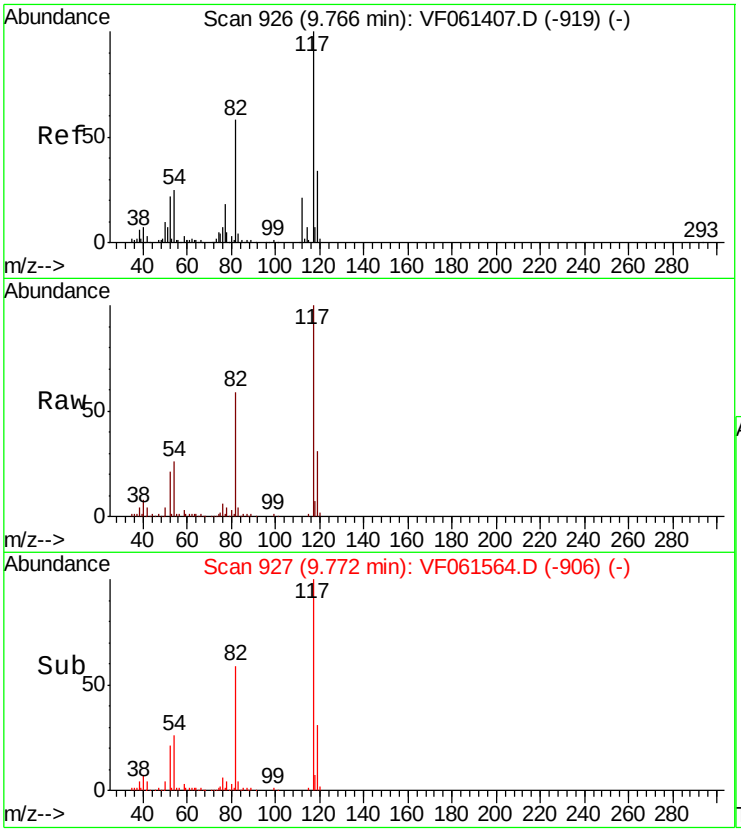


#62
4-Bromofluorobenzene
Concen: 34.432 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VF061564.D
Acq: 8 Feb 2019 18:16

Tgt Ion: 95 Resp: 109691

Ion	Ratio	Lower	Upper
95	100		
174	68.5	0.0	130.4
176	64.5	0.0	126.2



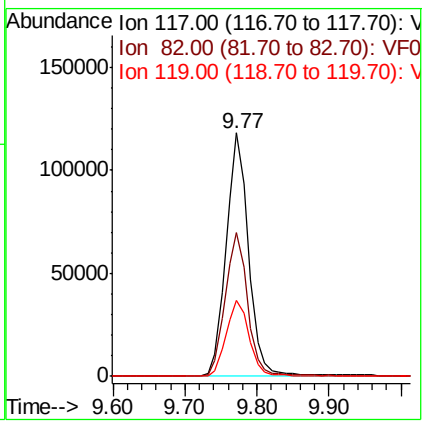


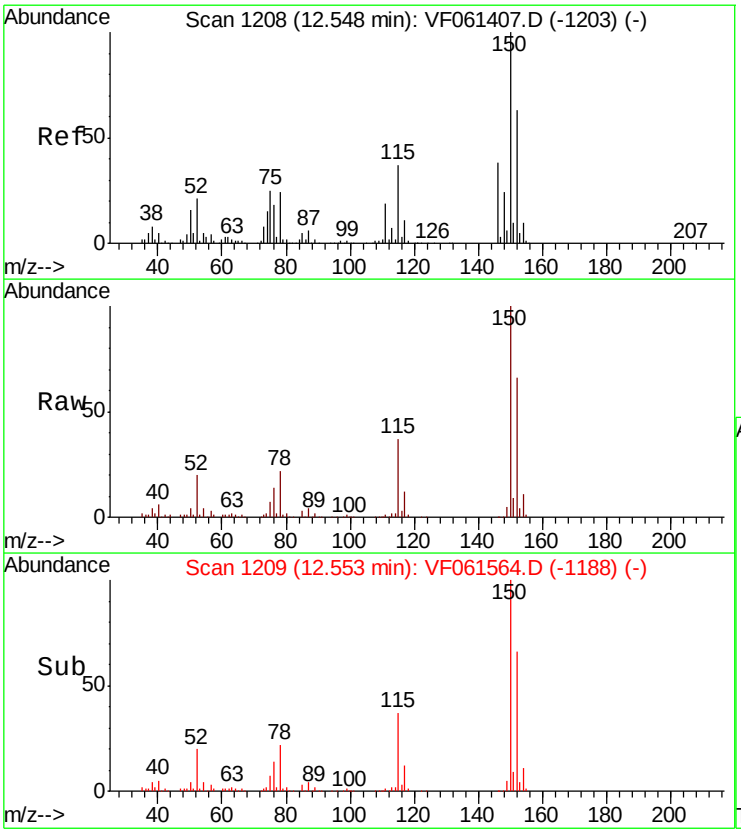
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061564.D
Acq: 8 Feb 2019 18:16

Instrument :
MSVOA_F
ClientSampleId :
VOC-11

Tgt Ion:117 Resp: 256697

Ion	Ratio	Lower	Upper
117	100		
82	59.0	46.4	69.6
119	31.3	27.2	40.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061564.D
Acq: 8 Feb 2019 18:16

Tgt Ion:152 Resp: 108827

Ion	Ratio	Lower	Upper
152	100		
115	56.3	30.0	90.0
150	151.0	0.0	321.4