Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF020719\
Data File : VF061556.D
Acq On : 7 Feb 2019 20:35
Operator : VA/AP
Sample : K1404-07
Misc : 6.14g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Feb 09 04:37:58 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	189361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	342454	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	297452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	156978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	119867	51.27	ug/l	0.02
Spiked Amount 50.000			Recovery = 102.54%			
35) Dibromofluoromethane	4.11	113	128032	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.76%			
50) Toluene-d8	7.55	98	296690	40.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.14%			
62) 4-Bromofluorobenzene	11.41	95	154209	44.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.16%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.58	59	143	1.445	ug/l #	1
13) Acrolein	2.15	56	282	13.509	ug/l	85
14) Allyl chloride	2.10	41	591	Below Cal	#	55
15) Acrylonitrile	2.93	53	815	3.215	ug/l #	31
16) Acetone	2.37	43	1390	2.964	ug/l	94
18) Methyl Acetate	2.37	43	3017	3.244	ug/l #	61
23) Vinyl Acetate	3.19	43	382	3.337	ug/l #	78
25) 2-Butanone	4.34	43	1317	1.689	ug/l #	57
29) Tetrahydrofuran	4.09	42	1058	3.150	ug/l #	38
49) 1,4-Dioxane	6.36	88	79	Below Cal	#	17
51) 4-Methyl-2-Pentanone	8.28	43	1470	1.004	ug/l #	81
58) 2-Chloroethyl Vinyl ether	7.14	63	63	27.796	ug/l #	47
59) 2-Hexanone	9.50	43	1931	1.891	ug/l	72

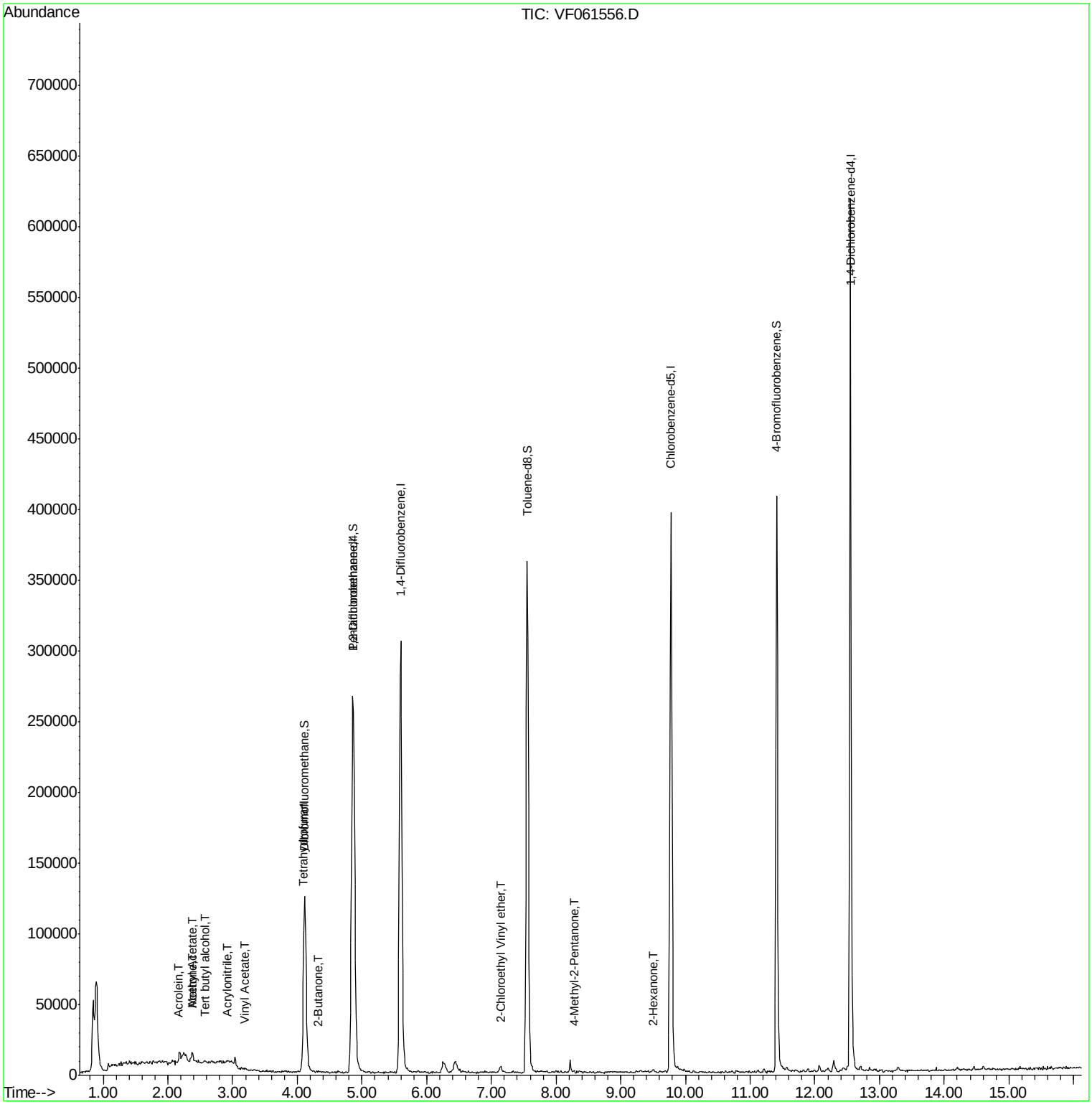
(#) = qualifier out of range (m) = manual integration (+) = signals summed

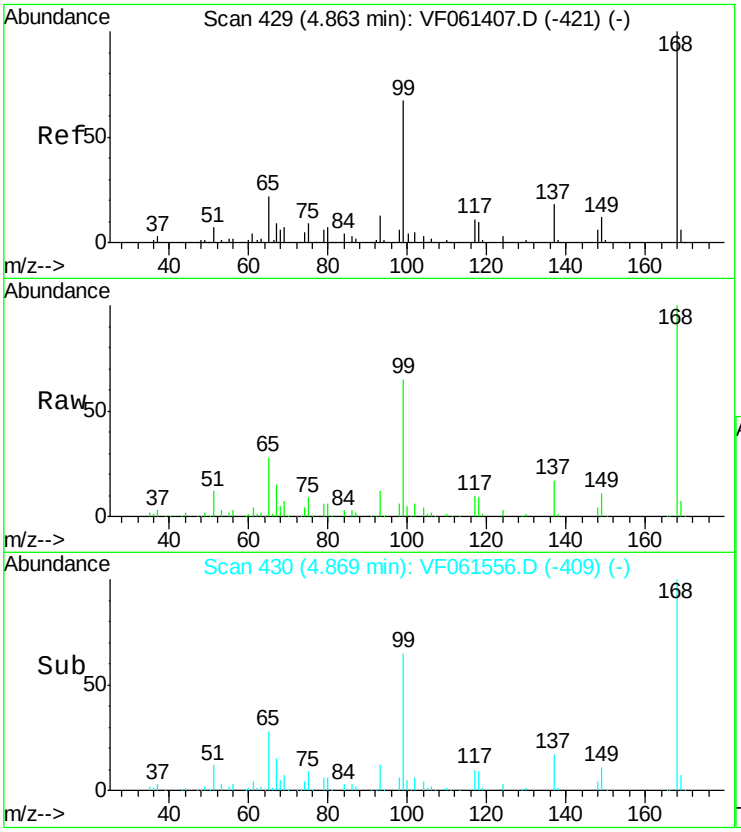
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF020719\
Data File : VF061556.D
Acq On : 7 Feb 2019 20:35
Operator : VA/AP
Sample : K1404-07
Misc : 6.14g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Feb 09 04:37:58 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



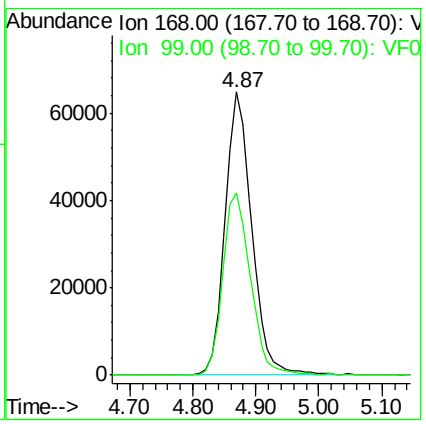


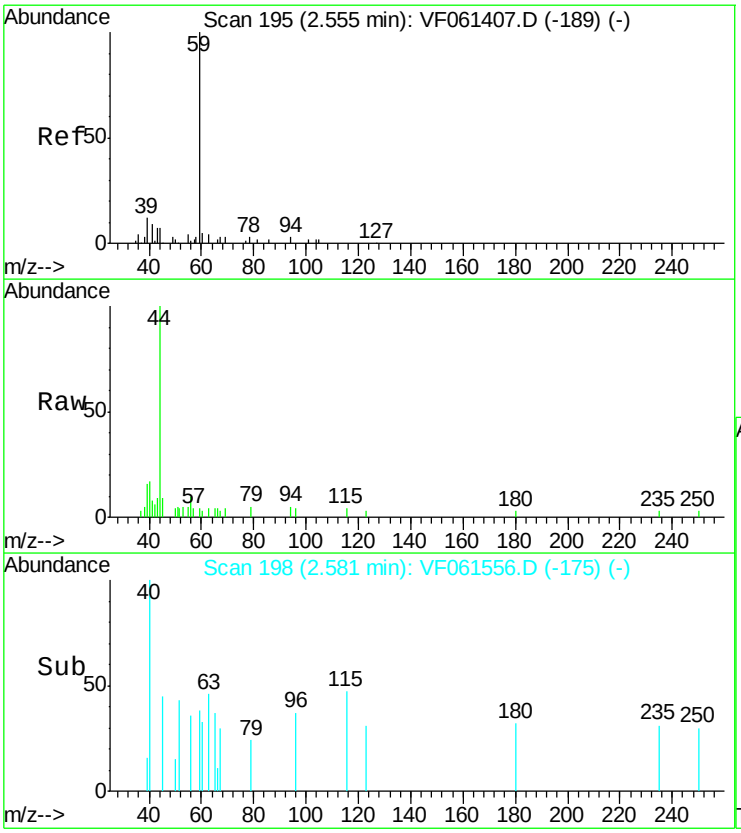
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.01 min
Lab File: VF061556.D
Acq: 7 Feb 2019 20:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 189361

Ion	Ratio	Lower	Upper
168	100		
99	64.5	53.5	80.3

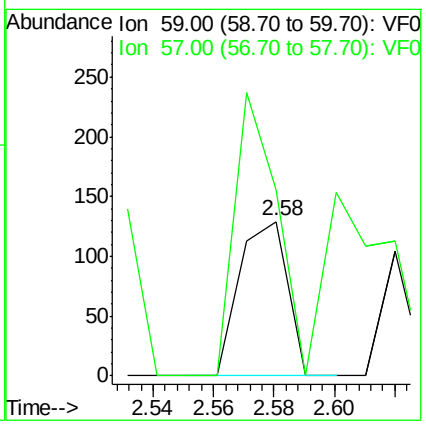


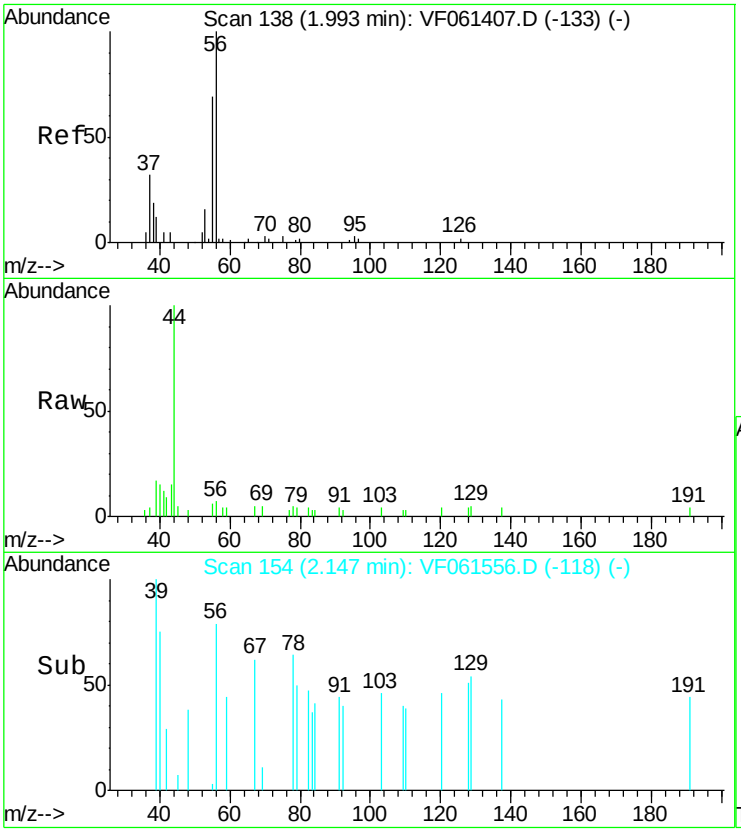


#11
Tert butyl alcohol
Concen: 1.445 ug/l
RT: 2.58 min Scan# 198
Delta R.T. 0.03 min
Lab File: VF061556.D
Acq: 7 Feb 2019 20:35

Tgt Ion: 59 Resp: 143

Ion	Ratio	Lower	Upper
59	100		
57	120.9	11.9	17.9#



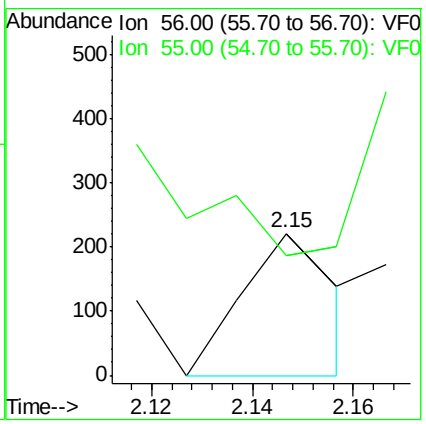


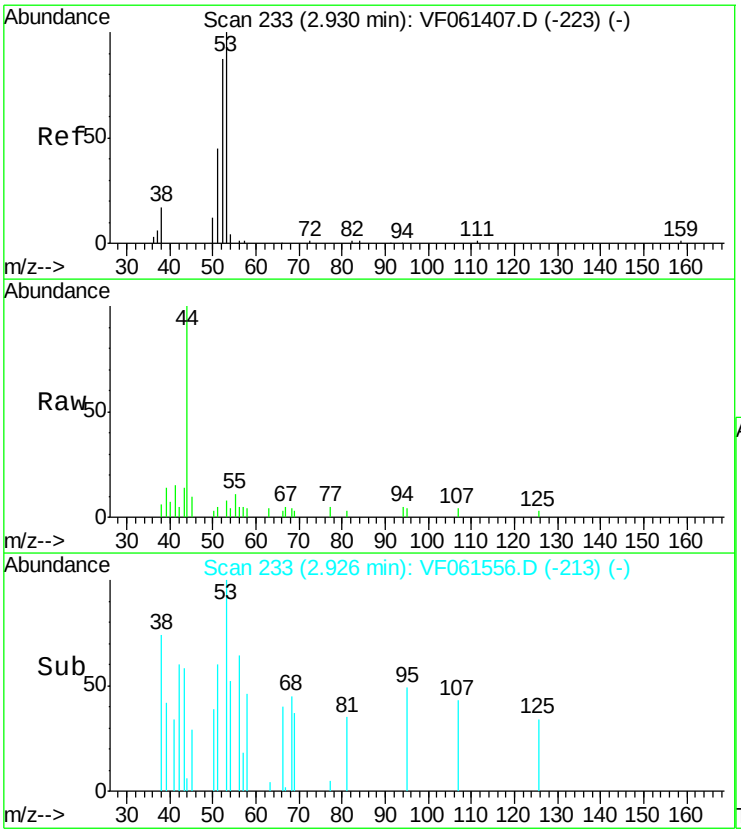
#13
Acrolein
Concen: 13.509 ug/l
RT: 2.15 min Scan# 154
Delta R.T. 0.15 min
Lab File: VF061556.D
Acq: 7 Feb 2019 20:35

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 282

Ion	Ratio	Lower	Upper
56	100		
55	84.2	57.5	86.3

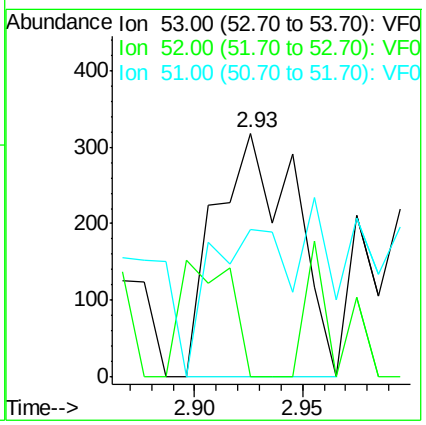


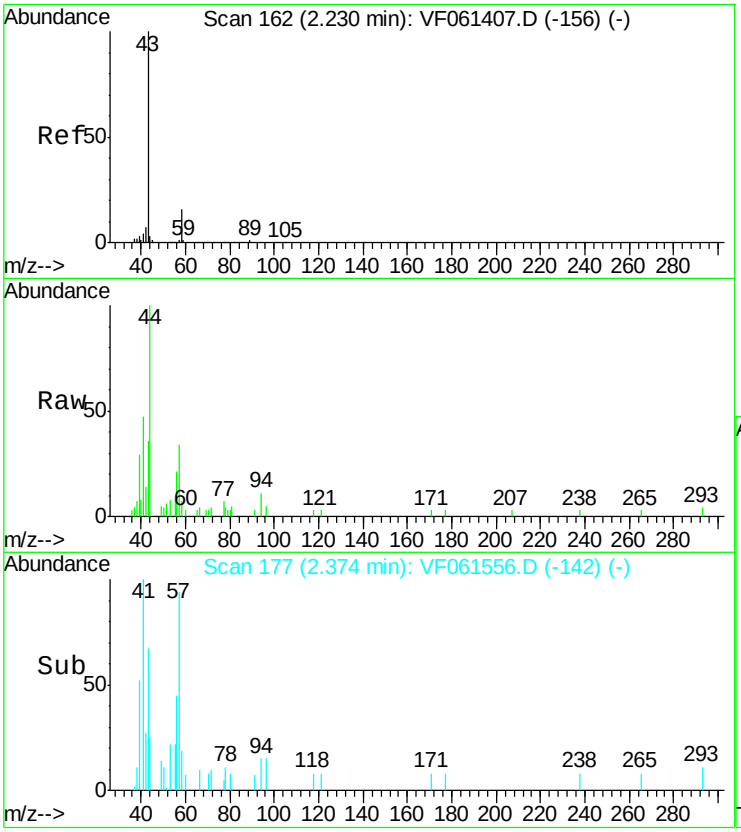


#15
Acrylonitrile
Concen: 3.215 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.00 min
Lab File: VF061556.D
Acq: 7 Feb 2019 20:35

Tgt Ion: 53 Resp: 815

Ion	Ratio	Lower	Upper
53	100		
52	0.0	69.6	104.4#
51	60.4	36.8	55.2#



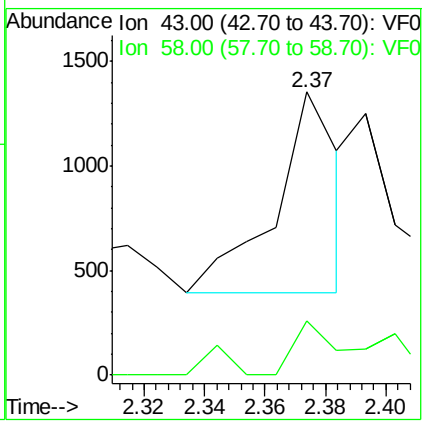


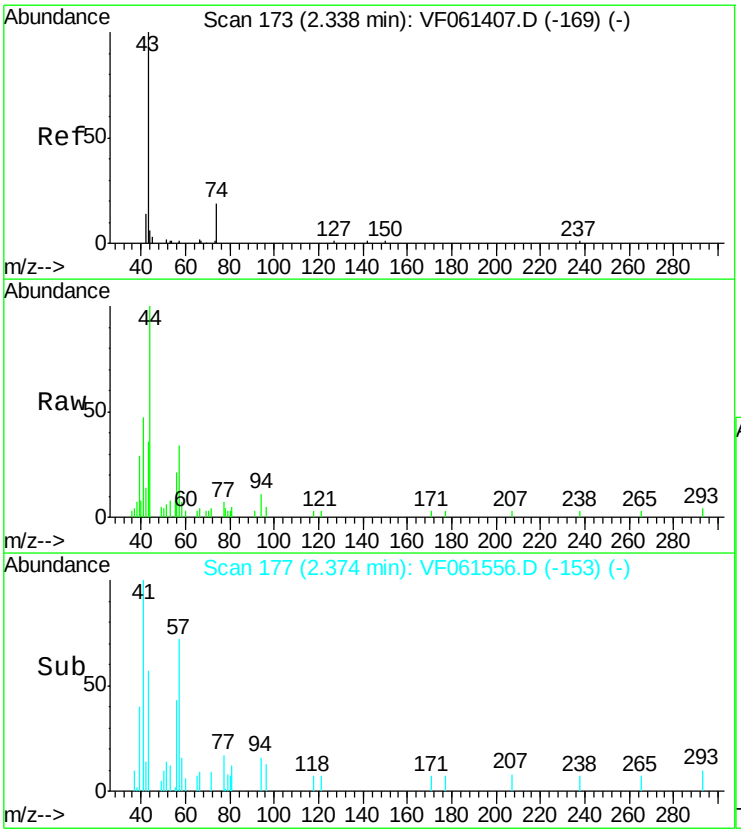
#16
Acetone
Concen: 2.964 ug/l
RT: 2.37 min Scan# 177
Delta R.T. 0.14 min
Lab File: VF061556.D
Acq: 7 Feb 2019 20:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1390

Ion	Ratio	Lower	Upper
43	100		
58	19.2	13.3	19.9

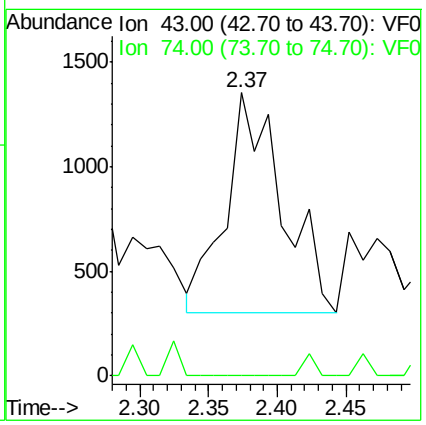


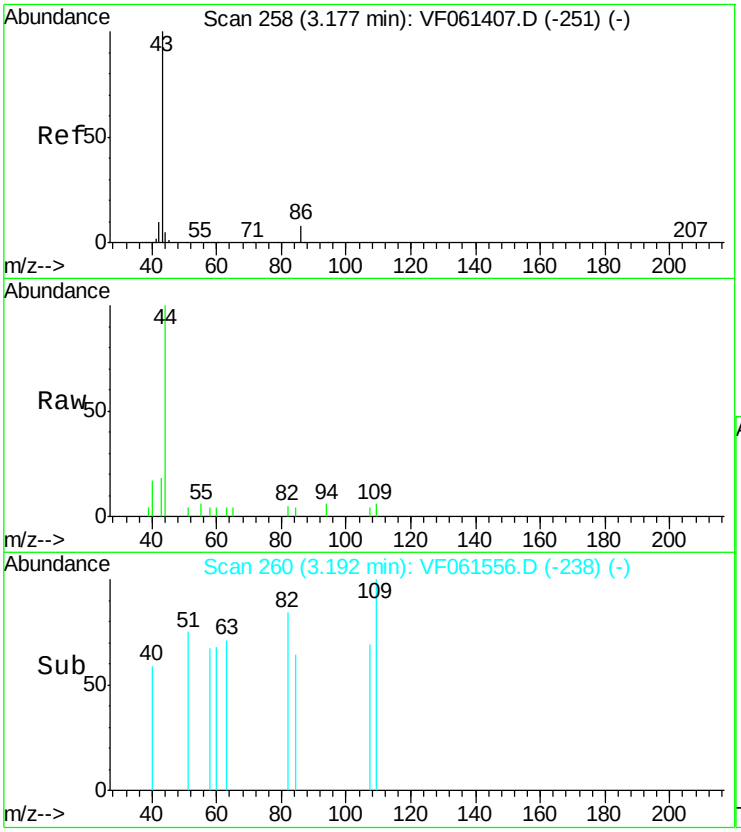


#18
Methyl Acetate
Concen: 3.244 ug/l
RT: 2.37 min Scan# 177
Delta R.T. 0.04 min
Lab File: VF061556.D
Acq: 7 Feb 2019 20:35

Tgt Ion: 43 Resp: 3017

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.4	20.0#



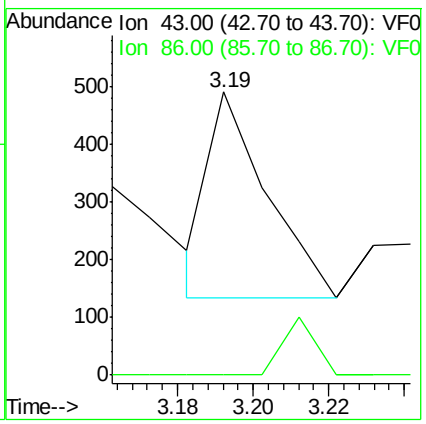


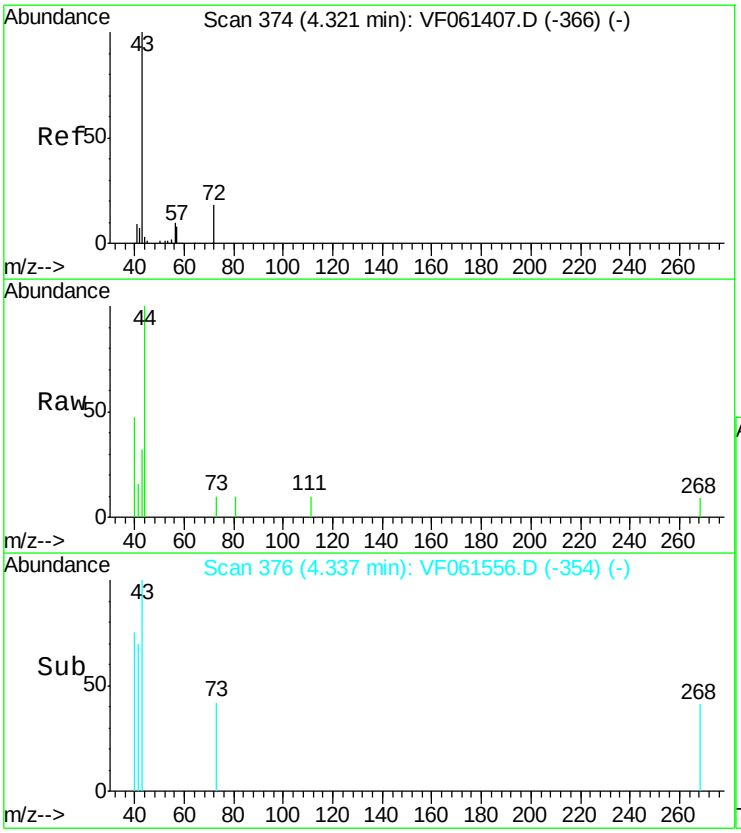
#23
Vinyl Acetate
Concen: 3.337 ug/l
RT: 3.19 min Scan# 260
Delta R.T. 0.02 min
Lab File: VF061556.D
Acq: 7 Feb 2019 20:35

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 382

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#

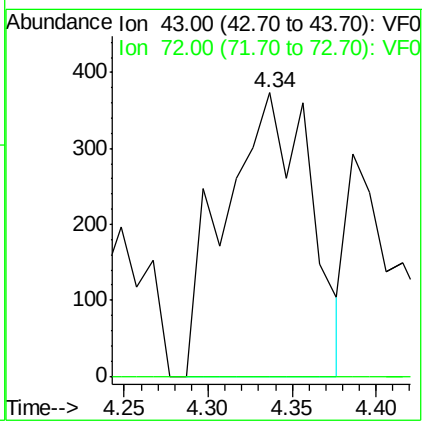


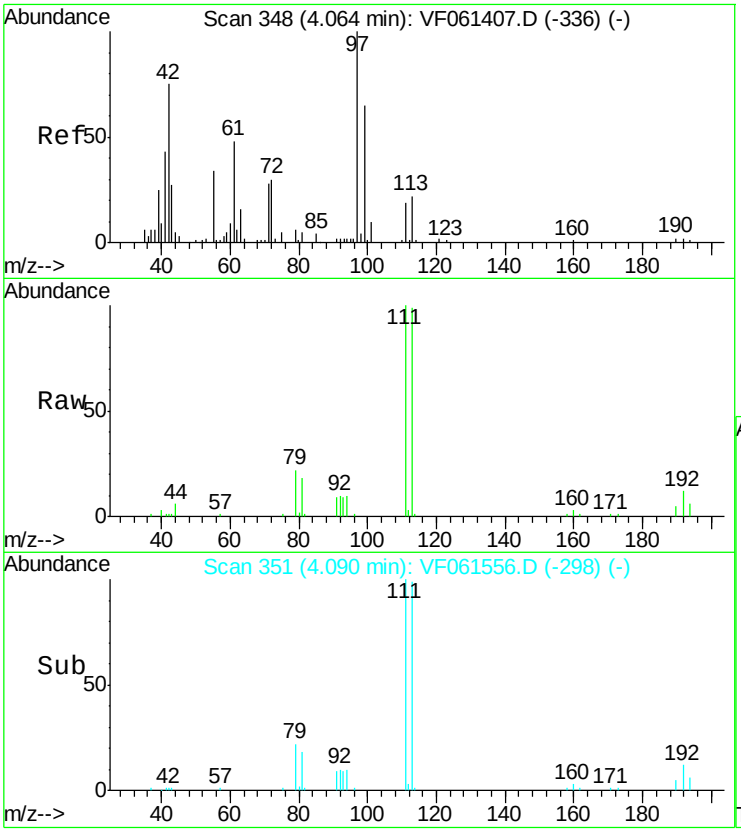


#25
2-Butanone
Concen: 1.689 ug/l
RT: 4.34 min Scan# 376
Delta R.T. 0.02 min
Lab File: VF061556.D
Acq: 7 Feb 2019 20:35

Tgt Ion: 43 Resp: 1317

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.8	23.6#



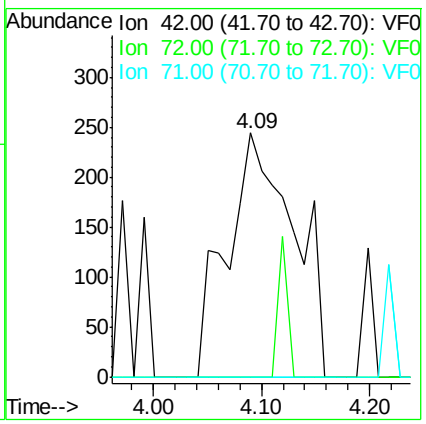


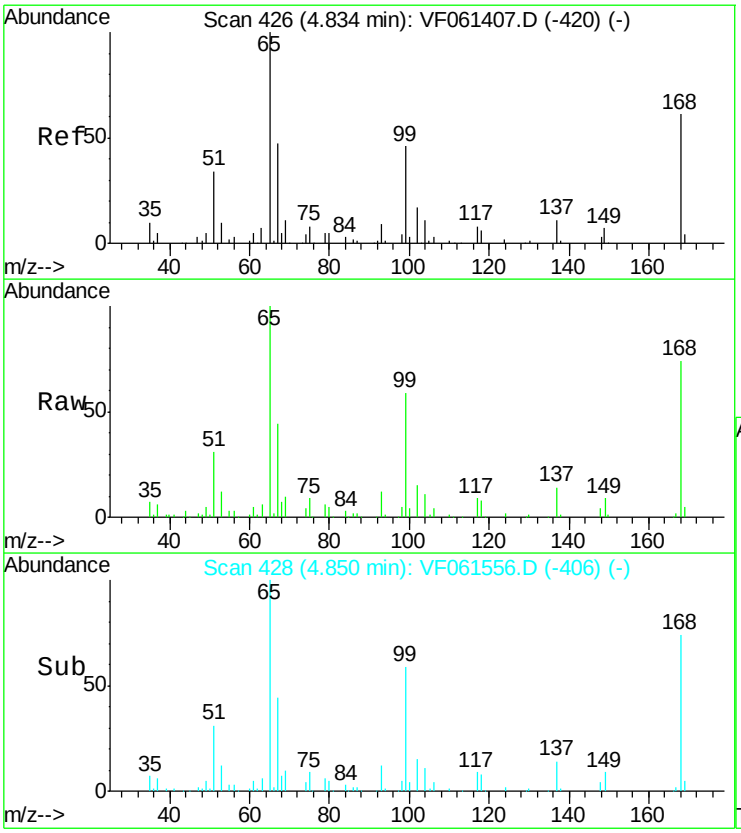
#29
Tetrahydrofuran
Concen: 3.150 ug/l
RT: 4.09 min Scan# 351
Delta R.T. 0.03 min
Lab File: VF061556.D
Acq: 7 Feb 2019 20:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 1058

Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.9	43.3#
71	0.0	29.6	44.4#

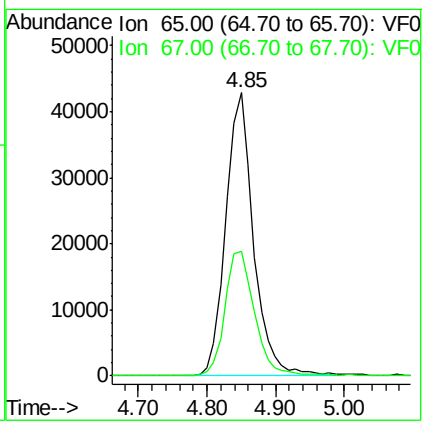


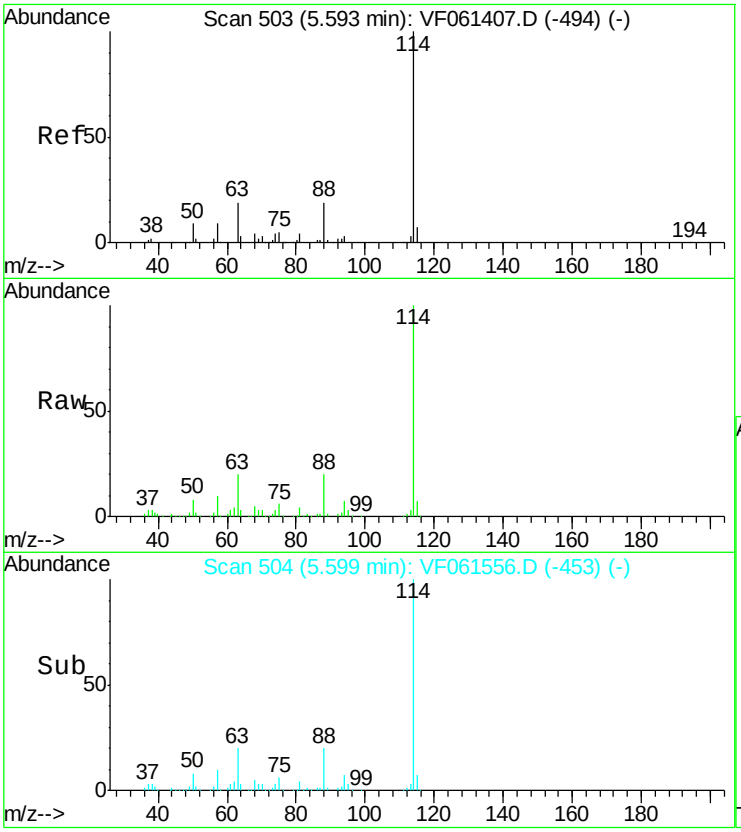


#33
1,2-Dichloroethane-d4
Concen: 51.271 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.02 min
Lab File: VF061556.D
Acq: 7 Feb 2019 20:35

Tgt Ion: 65 Resp: 119867

Ion	Ratio	Lower	Upper
65	100		
67	44.1	0.0	99.8



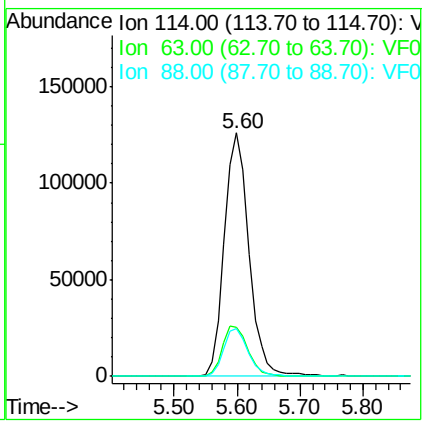


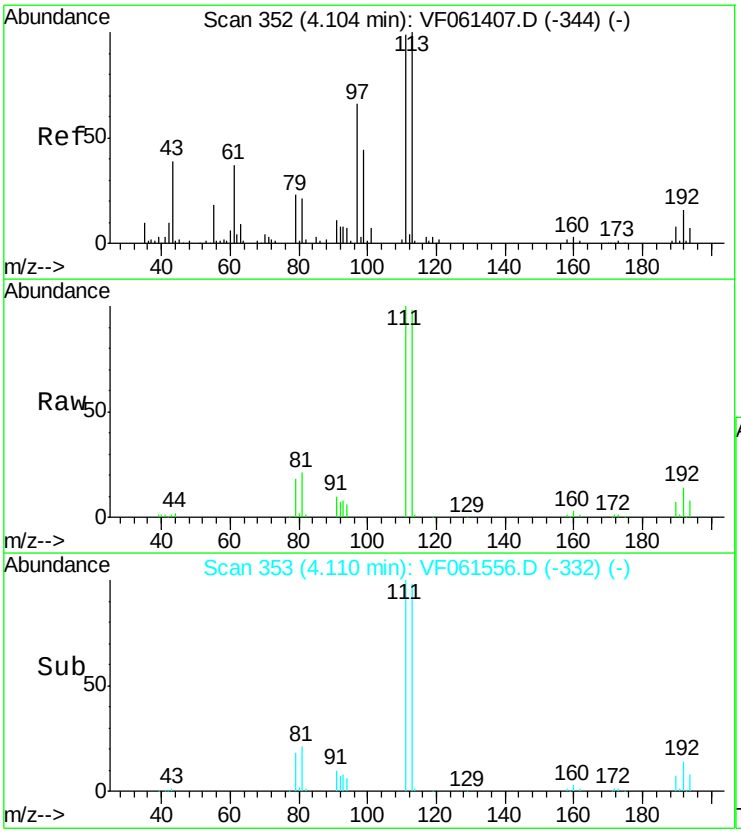
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF061556.D
Acq: 7 Feb 2019 20:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 342454

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.0
88	19.6	0.0	37.4

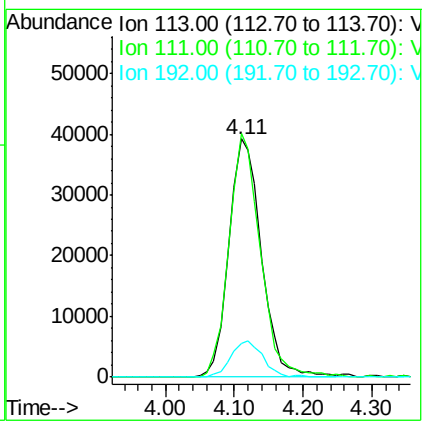


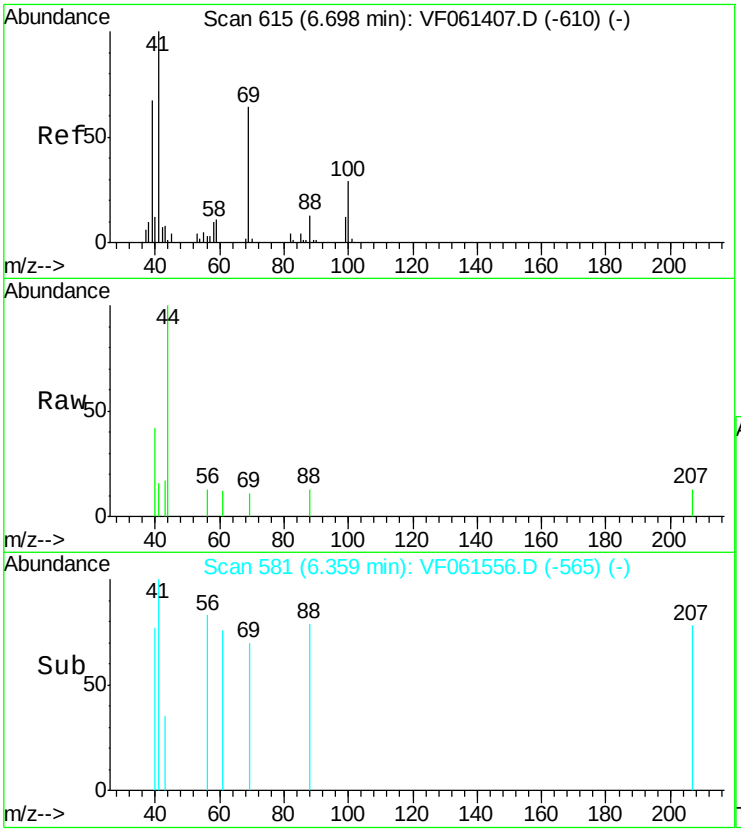


#35
Dibromofluoromethane
Concen: 47.380 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.01 min
Lab File: VF061556.D
Acq: 7 Feb 2019 20:35

Tgt Ion:113 Resp: 128032

Ion	Ratio	Lower	Upper
113	100		
111	102.2	79.4	119.0
192	14.7	12.4	18.6



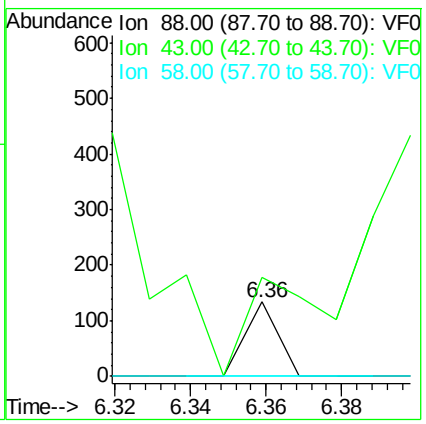


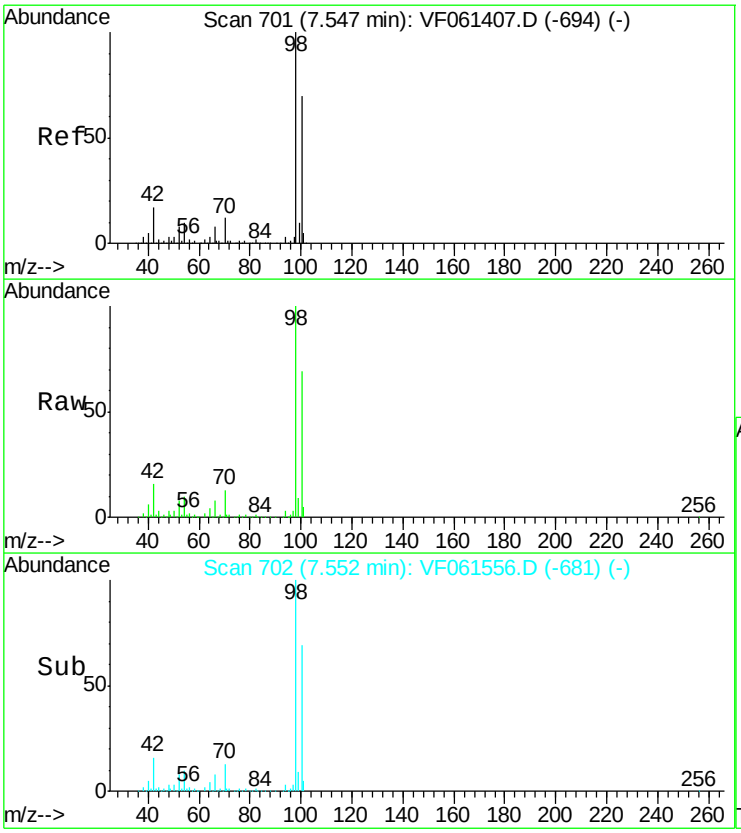
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.36 min Scan# 581
Delta R.T. -0.34 min
Lab File: VF061556.D
Acq: 7 Feb 2019 20:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 79

Ion	Ratio	Lower	Upper
88	100		
43	132.1	55.5	83.3#
58	0.0	59.9	89.9#

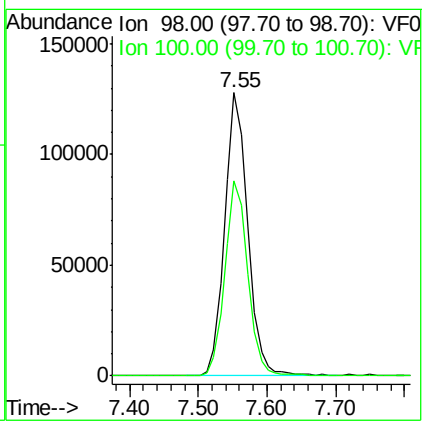


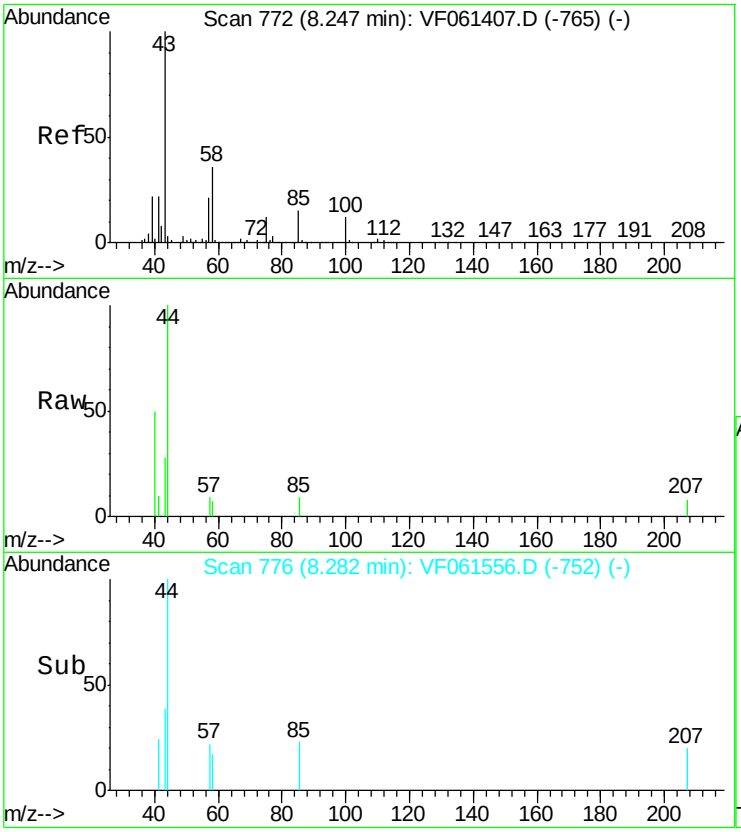


#50
Toluene-d8
Concen: 40.073 ug/l
RT: 7.55 min Scan# 702
Delta R.T. 0.01 min
Lab File: VF061556.D
Acq: 7 Feb 2019 20:35

Tgt Ion: 98 Resp: 296690

Ion	Ratio	Lower	Upper
98	100		
100	68.8	55.6	83.4



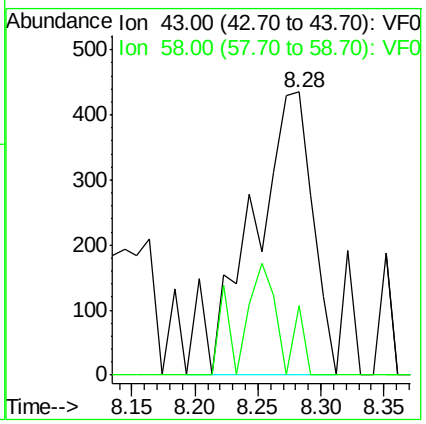


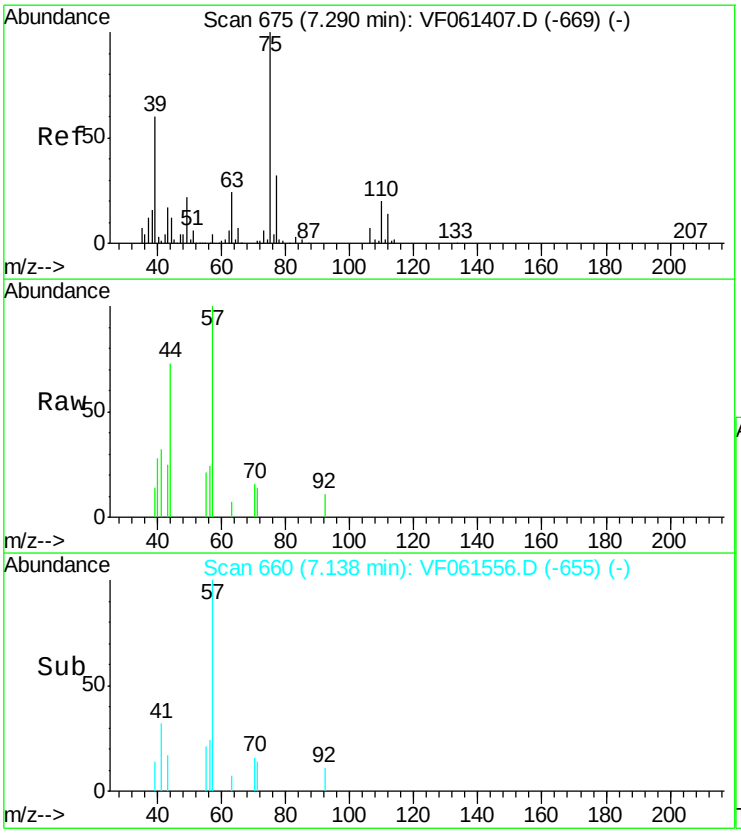
#51
4-Methyl-2-Pentanone
Concen: 1.004 ug/l
RT: 8.28 min Scan# 776
Delta R.T. 0.04 min
Lab File: VF061556.D
Acq: 7 Feb 2019 20:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1470

Ion	Ratio	Lower	Upper
43	100		
58	24.8	28.8	43.2#

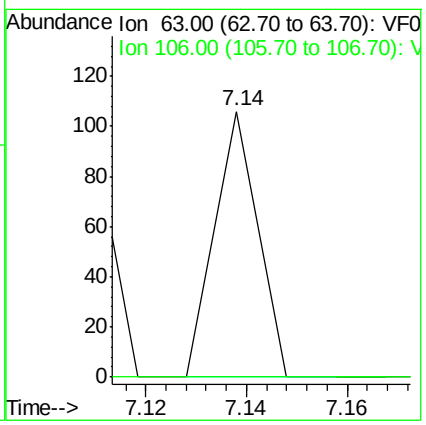


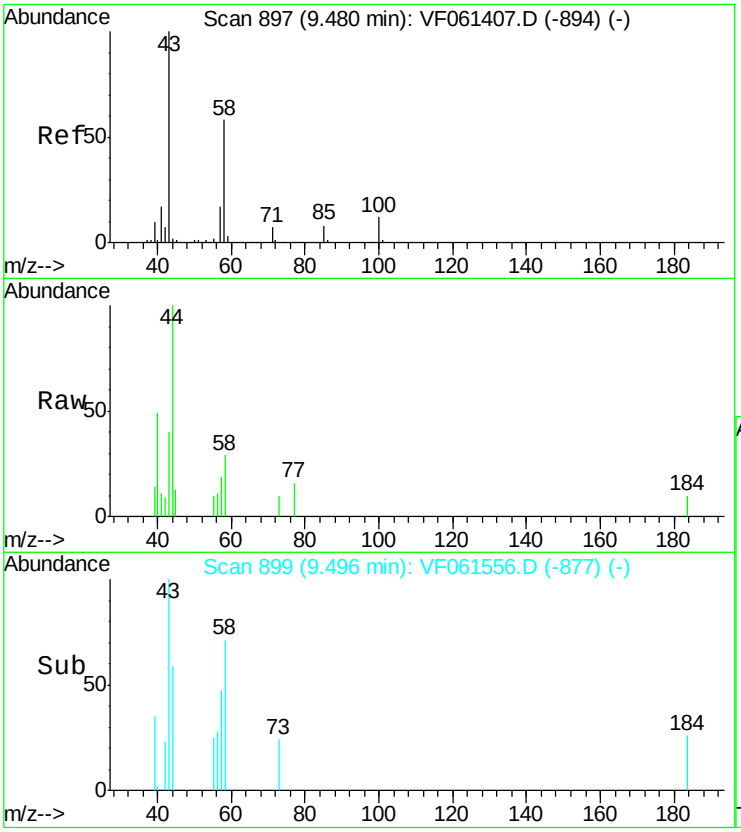


#58
2-Chloroethyl Vinyl ether
Concen: 27.796 ug/l
RT: 7.14 min Scan# 660
Delta R.T. -0.15 min
Lab File: VF061556.D
Acq: 7 Feb 2019 20:35

Tgt Ion: 63 Resp: 63

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.9	32.9#



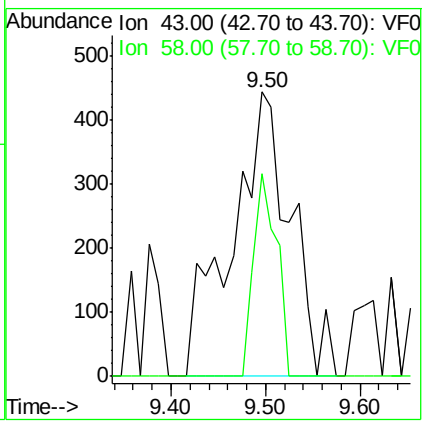


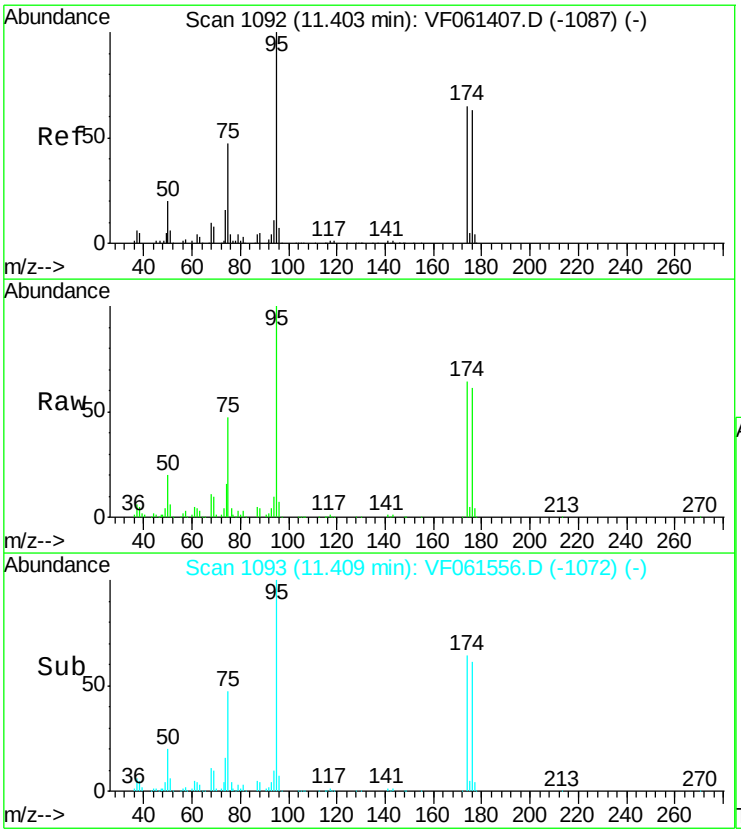
#59
2-Hexanone
Concen: 1.891 ug/l
RT: 9.50 min Scan# 899
Delta R.T. 0.02 min
Lab File: VF061556.D
Acq: 7 Feb 2019 20:35

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1931

Ion	Ratio	Lower	Upper
43	100		
58	71.1	25.9	77.6

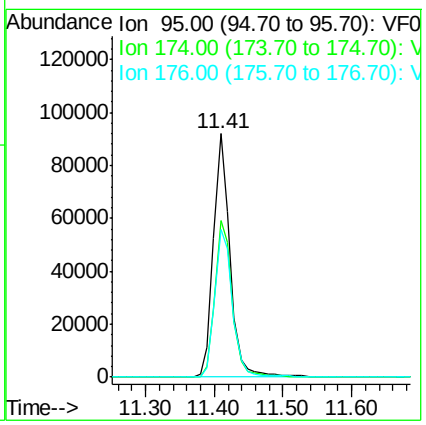


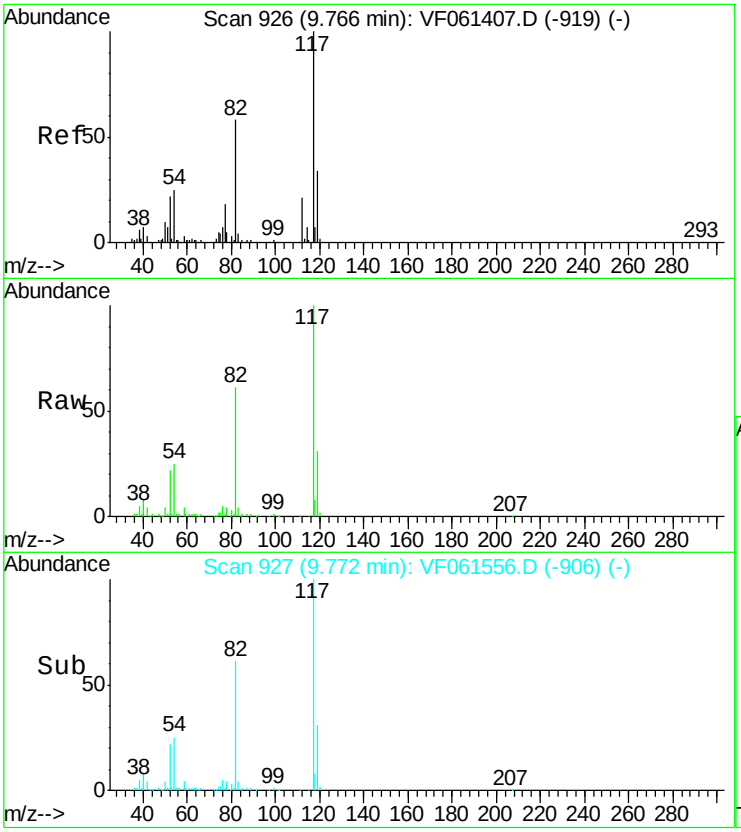


#62
4-Bromofluorobenzene
Concen: 44.579 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VF061556.D
Acq: 7 Feb 2019 20:35

Tgt Ion: 95 Resp: 154209

Ion	Ratio	Lower	Upper
95	100		
174	64.5	0.0	130.4
176	60.7	0.0	126.2



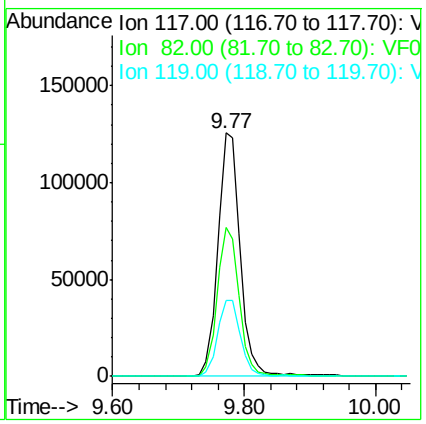


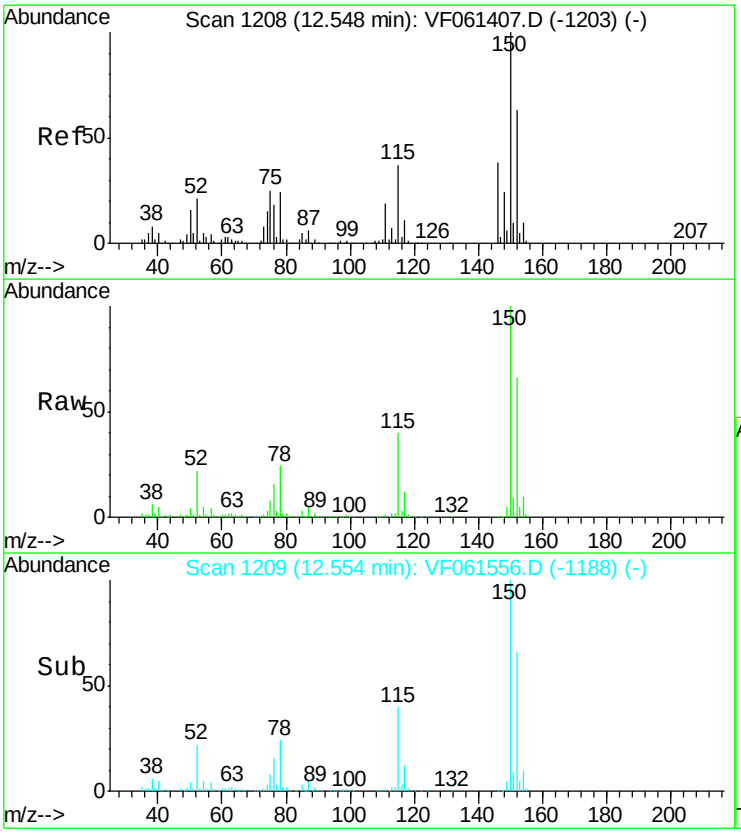
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061556.D
Acq: 7 Feb 2019 20:35

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 297452

Ion	Ratio	Lower	Upper
117	100		
82	61.3	46.4	69.6
119	31.2	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: VF061556.D
Acq: 7 Feb 2019 20:35

Tgt Ion:152 Resp: 156978

Ion	Ratio	Lower	Upper
152	100		
115	61.2	30.0	90.0
150	151.5	0.0	321.4