Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF011819\
Data File : VF061453.D
Acq On : 18 Jan 2019 12:06
Operator : VA/AP
Sample : VF0118SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0118SBL01

Quant Time: Jan 19 03:55:50 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	4.86	168	214205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	374250	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	330576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	184191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	120713	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.28%			
35) Dibromofluoromethane	4.10	113	140426	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.10%			
50) Toluene-d8	7.54	98	357453	44.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.36%			
62) 4-Bromofluorobenzene	11.40	95	181296	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.92%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.59	59	143	1.277	ug/l #	64
13) Acrolein	2.01	56	609	16.392	ug/l	90
14) Allyl chloride	2.08	41	694	Below Cal	#	82
15) Acrylonitrile	2.93	53	1223	4.265	ug/l #	55
16) Acetone	2.23	43	4265	8.039	ug/l #	89
18) Methyl Acetate	2.36	43	2606	2.477	ug/l #	90
20) Methylene Chloride	2.17	84	2429	Below Cal	#	82
23) Vinyl Acetate	3.19	43	1415	3.662	ug/l #	78
25) 2-Butanone	4.33	43	2915	3.304	ug/l	99
29) Tetrahydrofuran	4.05	42	587	1.545	ug/l #	38
51) 4-Methyl-2-Pentanone	8.26	43	3543	2.214	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.34	63	60	27.760	ug/l #	47
59) 2-Hexanone	9.49	43	5389	4.829	ug/l	100
74) N-amyl acetate	11.37	43	5450	1.539	ug/l #	84
95) Naphthalene	14.45	128	8938	1.135	ug/l	98

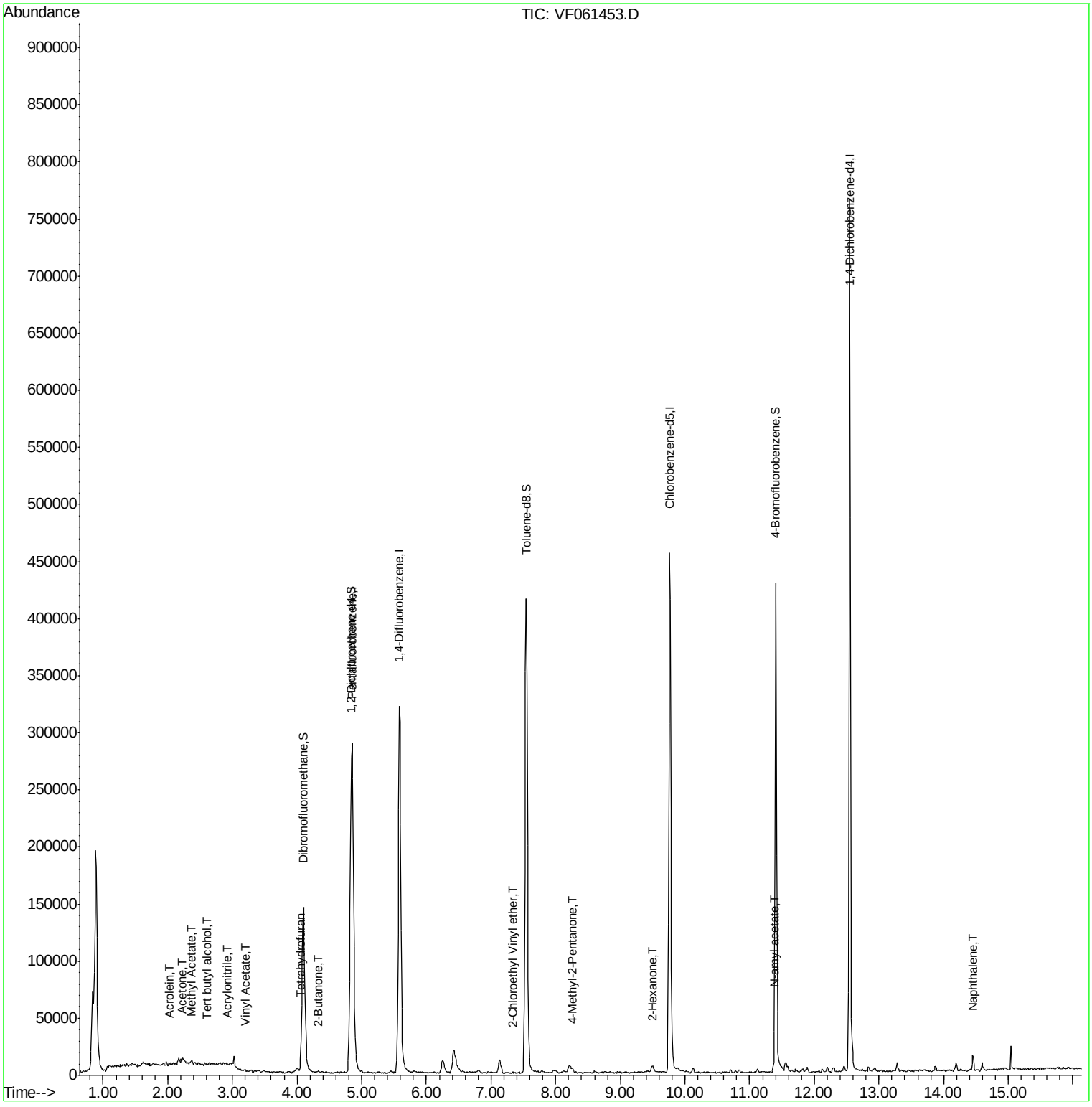
(#) = qualifier out of range (m) = manual integration (+) = signals summed

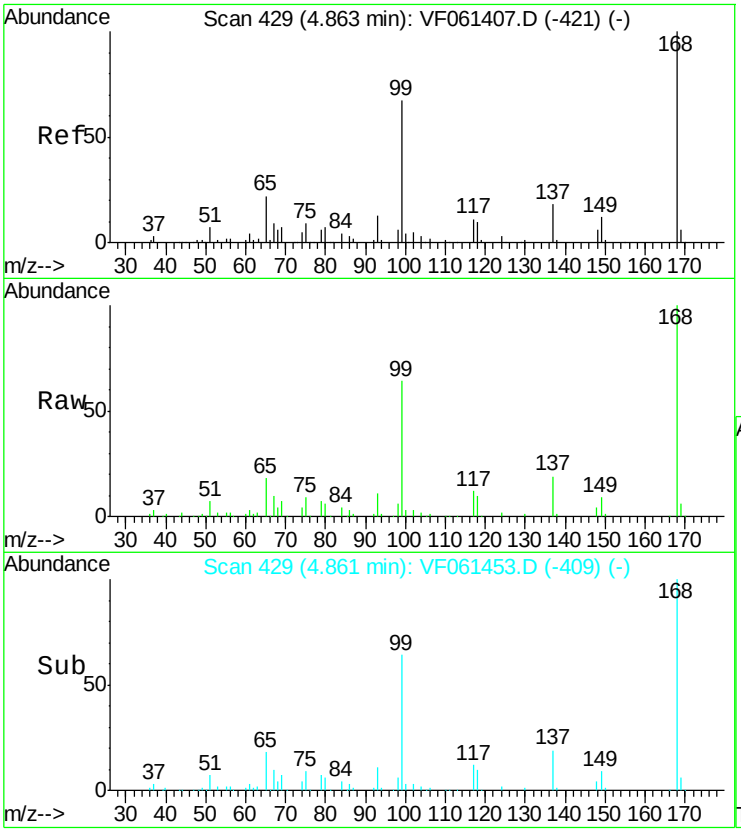
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011819\
Data File : VF061453.D
Acq On : 18 Jan 2019 12:06
Operator : VA/AP
Sample : VF0118SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0118SBL01

Quant Time: Jan 19 03:55:50 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



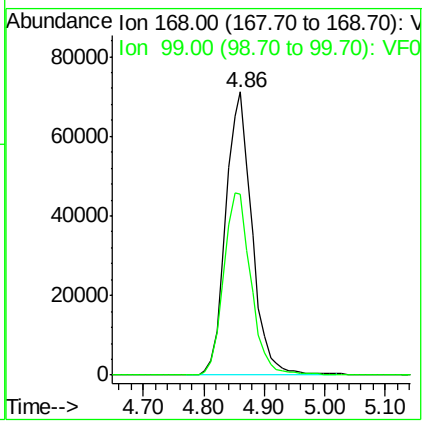


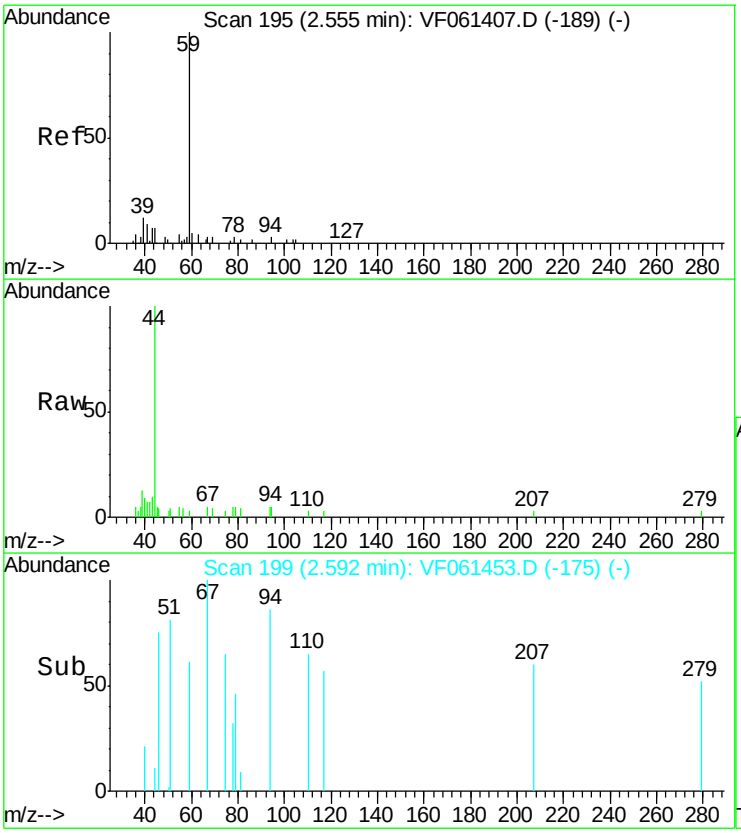
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.00 min
Lab File: VF061453.D
Acq: 18 Jan 2019 12:06

Instrument :
MSVOA_F
ClientSampleId :
VF0118SBL01

Tgt Ion:168 Resp: 214205

Ion	Ratio	Lower	Upper
168	100		
99	64.1	53.5	80.3

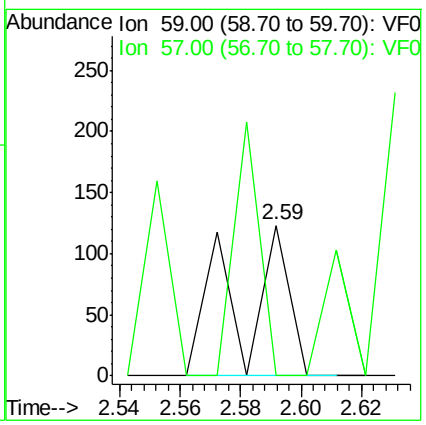


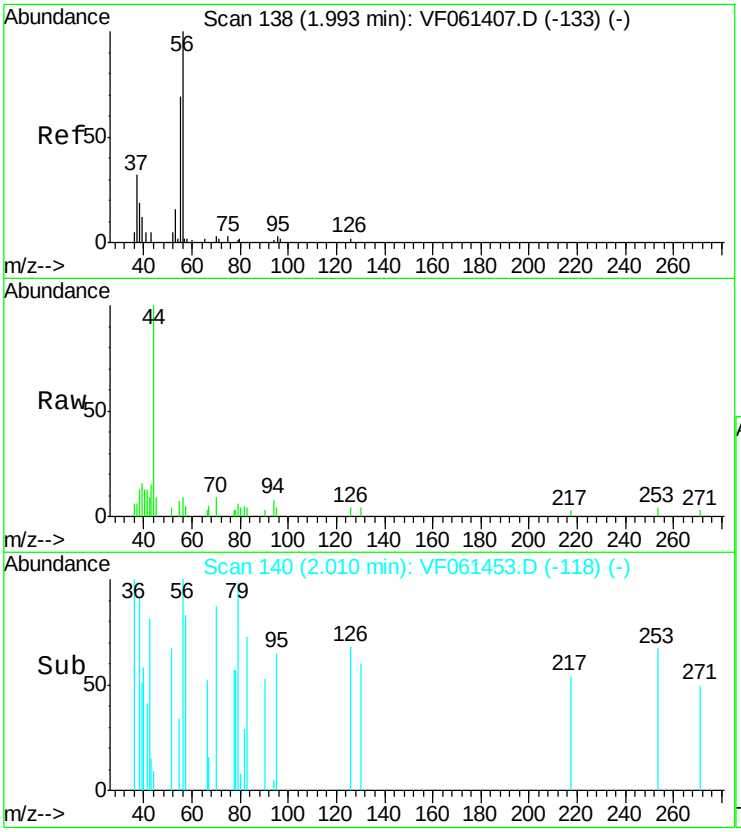


#11
Tert butyl alcohol
Concen: 1.277 ug/l
RT: 2.59 min Scan# 199
Delta R.T. 0.04 min
Lab File: VF061453.D
Acq: 18 Jan 2019 12:06

Tgt Ion: 59 Resp: 143

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.9	17.9#



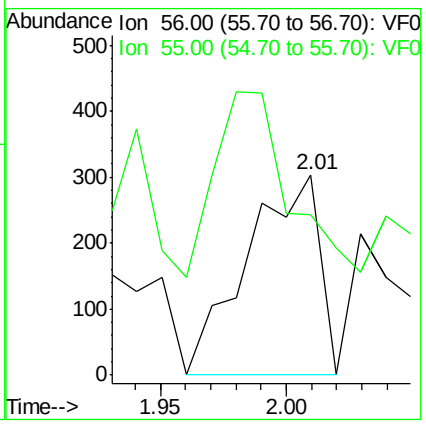


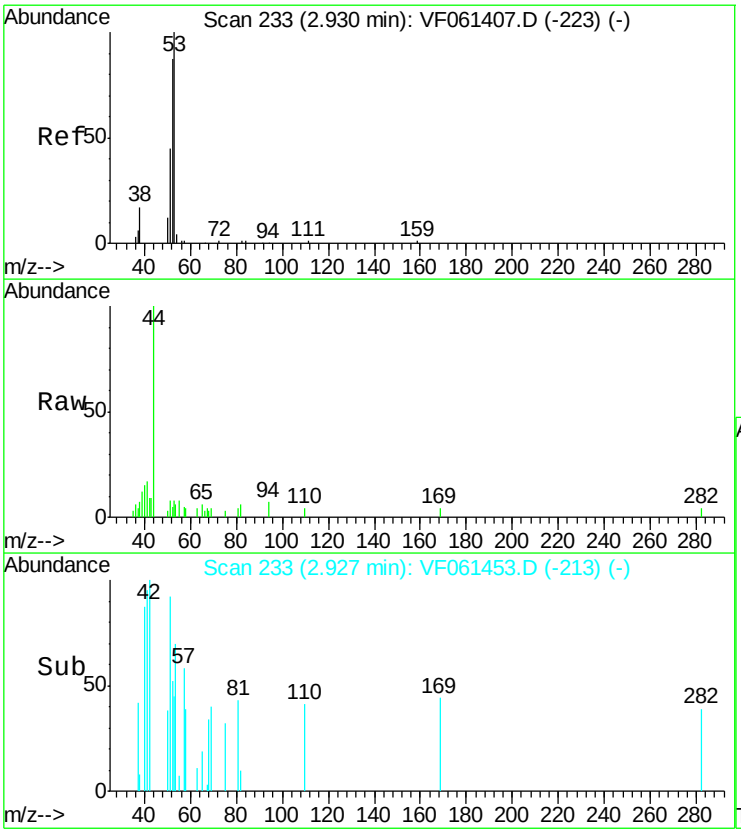
#13
Acrolein
Concen: 16.392 ug/l
RT: 2.01 min Scan# 140
Delta R.T. 0.02 min
Lab File: VF061453.D
Acq: 18 Jan 2019 12:06

Instrument : MSVOA_F
ClientSampleId : VF0118SBL01

Tgt Ion: 56 Resp: 609

Ion	Ratio	Lower	Upper
56	100		
55	79.9	57.5	86.3

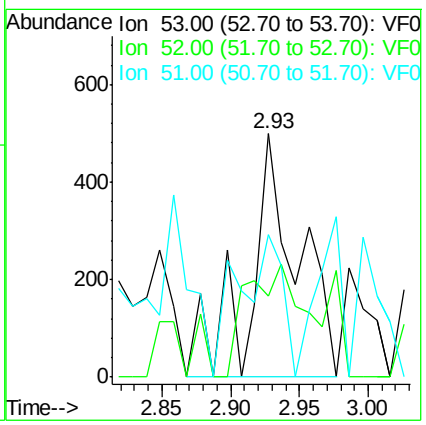


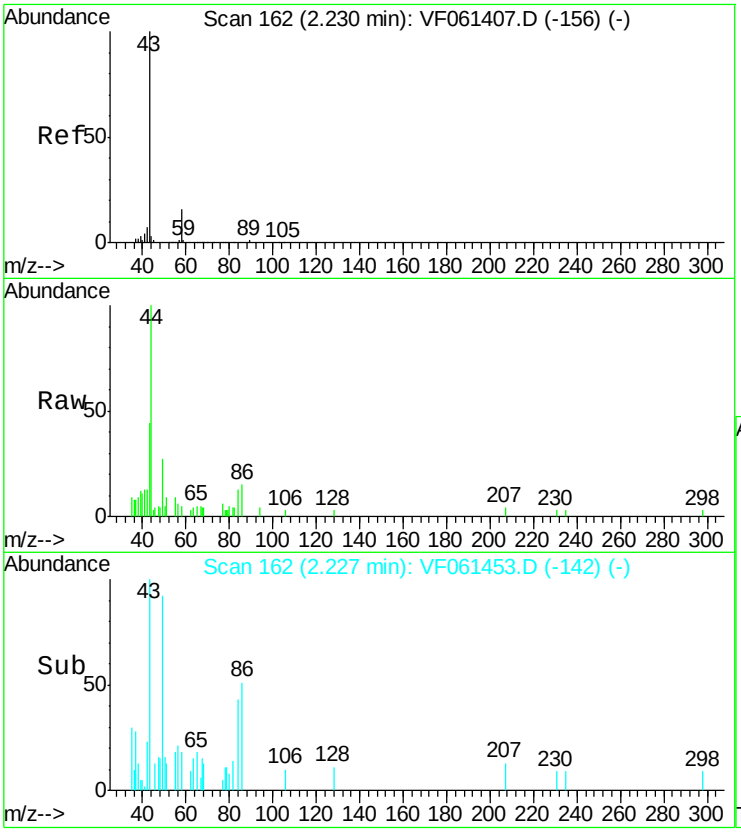


#15
Acrylonitrile
Concen: 4.265 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.00 min
Lab File: VF061453.D
Acq: 18 Jan 2019 12:06

Tgt Ion: 53 Resp: 1223

Ion	Ratio	Lower	Upper
53	100		
52	33.1	69.6	104.4#
51	58.7	36.8	55.2#



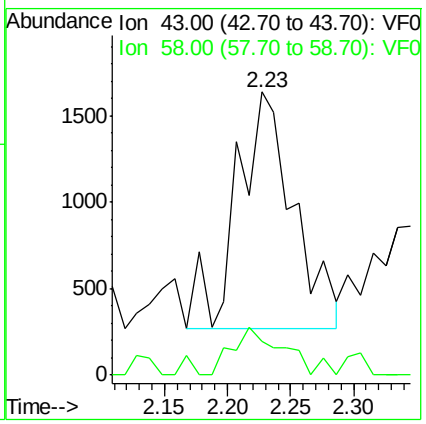


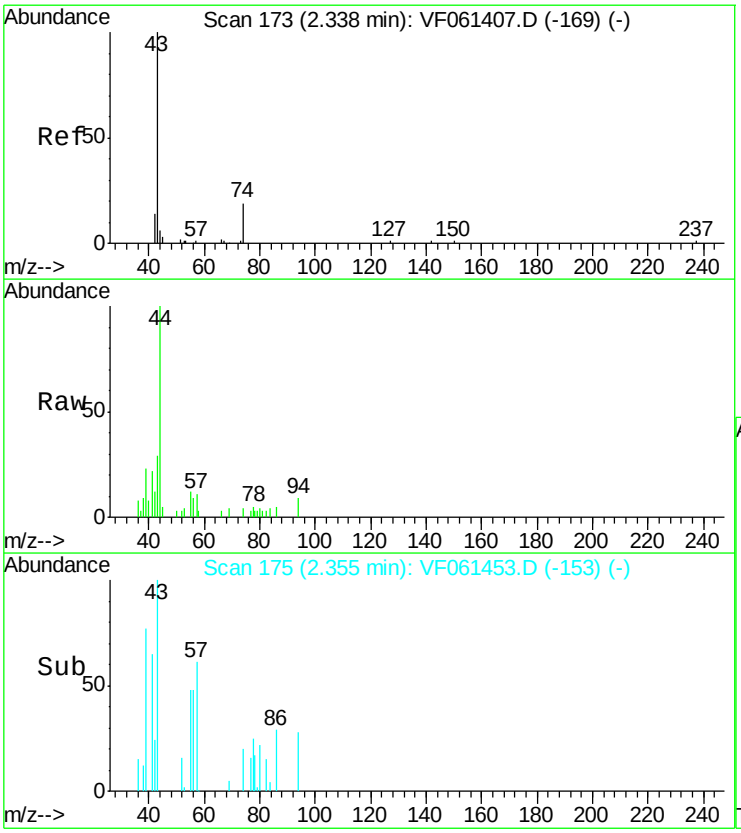
#16
Acetone
Concen: 8.039 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.00 min
Lab File: VF061453.D
Acq: 18 Jan 2019 12:06

Instrument :
MSVOA_F
ClientSampleId :
VF0118SBL01

Tgt Ion: 43 Resp: 4265

Ion	Ratio	Lower	Upper
43	100		
58	11.9	13.3	19.9#

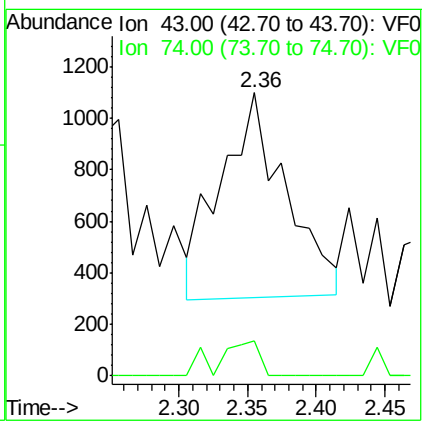


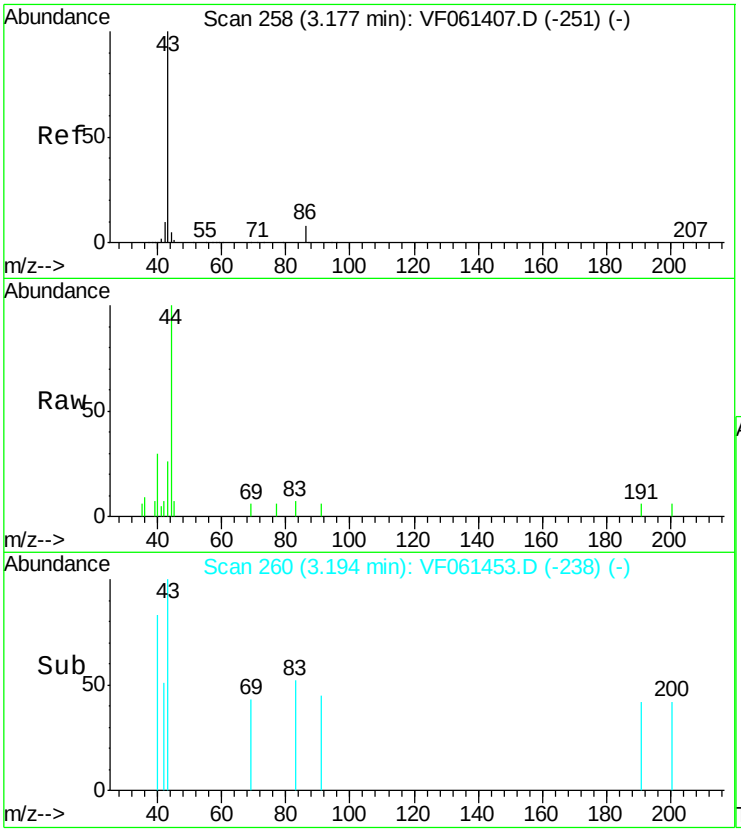


#18
Methyl Acetate
Concen: 2.477 ug/l
RT: 2.36 min Scan# 175
Delta R.T. 0.02 min
Lab File: VF061453.D
Acq: 18 Jan 2019 12:06

Tgt Ion: 43 Resp: 2606

Ion	Ratio	Lower	Upper
43	100		
74	12.6	13.4	20.0#



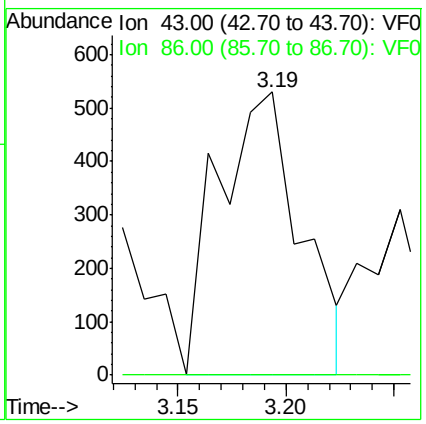


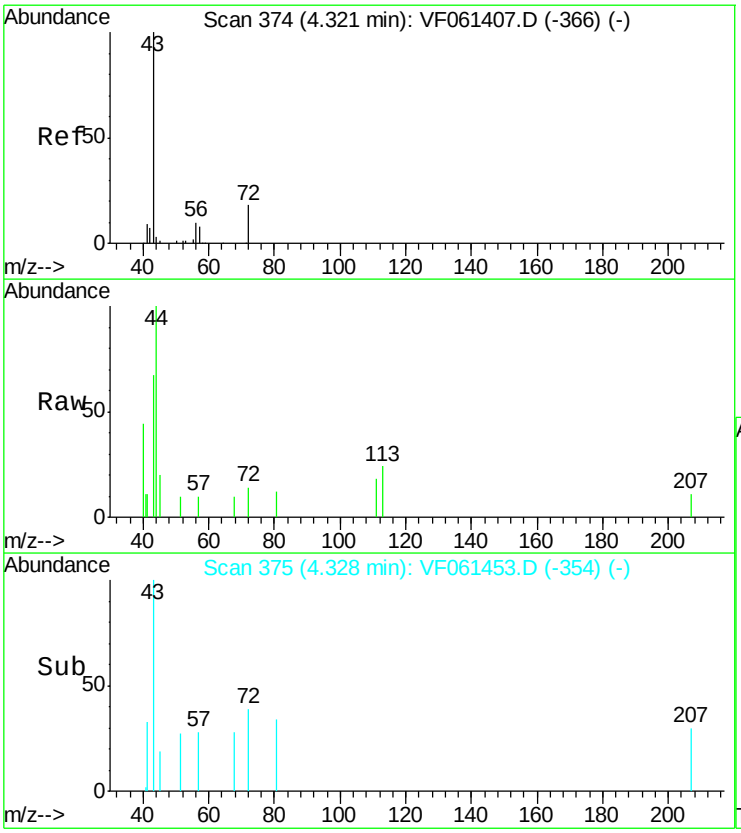
#23
Vinyl Acetate
Concen: 3.662 ug/l
RT: 3.19 min Scan# 260
Delta R.T. 0.02 min
Lab File: VF061453.D
Acq: 18 Jan 2019 12:06

Instrument : MSVOA_F
ClientSampleId : VF0118SBL01

Tgt Ion: 43 Resp: 1415

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#

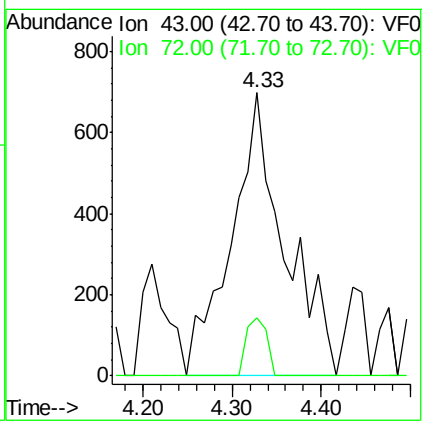


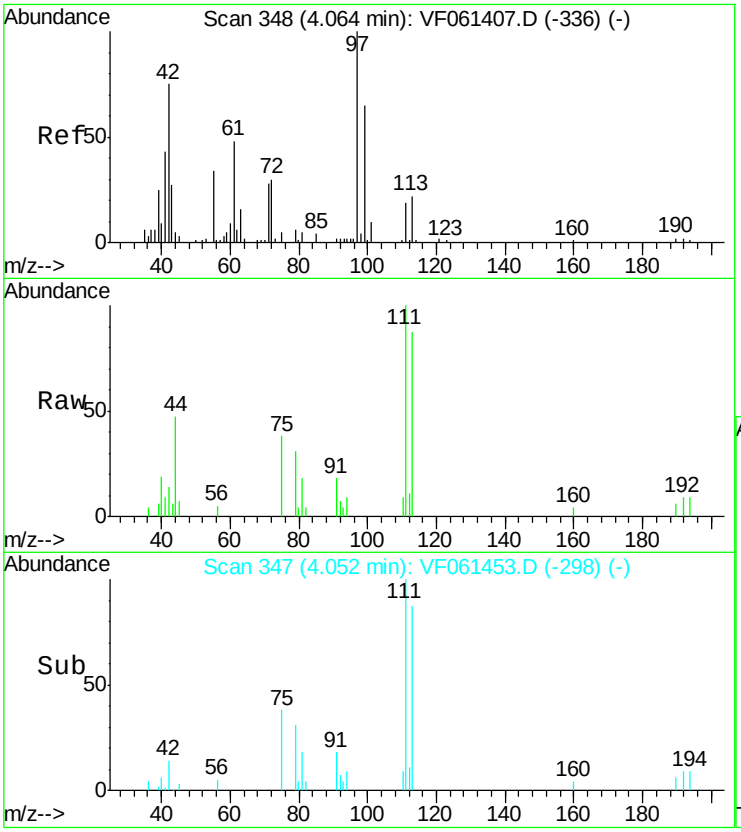


#25
2-Butanone
Concen: 3.304 ug/l
RT: 4.33 min Scan# 375
Delta R.T. 0.01 min
Lab File: VF061453.D
Acq: 18 Jan 2019 12:06

Tgt Ion: 43 Resp: 2915

Ion	Ratio	Lower	Upper
43	100		
72	20.3	15.8	23.6



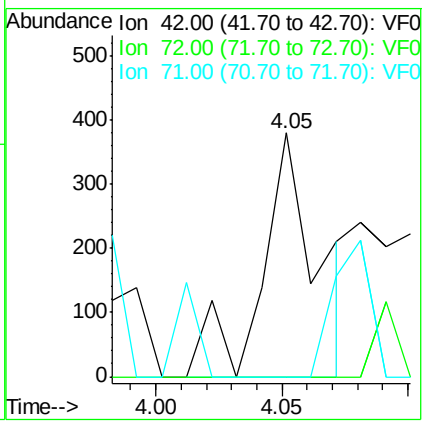


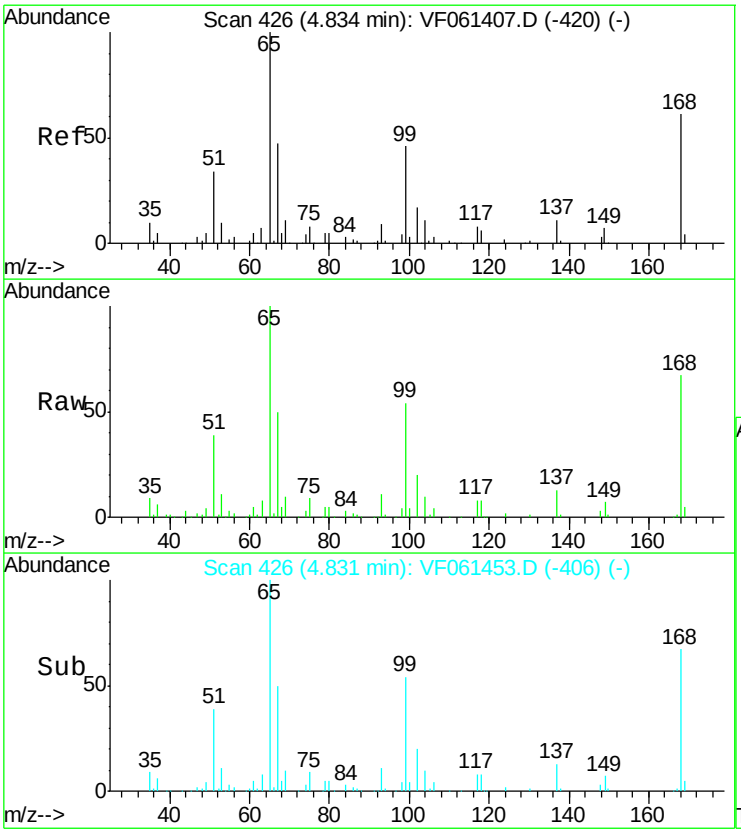
#29
Tetrahydrofuran
Concen: 1.545 ug/l
RT: 4.05 min Scan# 347
Delta R.T. -0.01 min
Lab File: VF061453.D
Acq: 18 Jan 2019 12:06

Instrument : MSVOA_F
ClientSampleId : VF0118SBL01

Tgt Ion: 42 Resp: 587

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

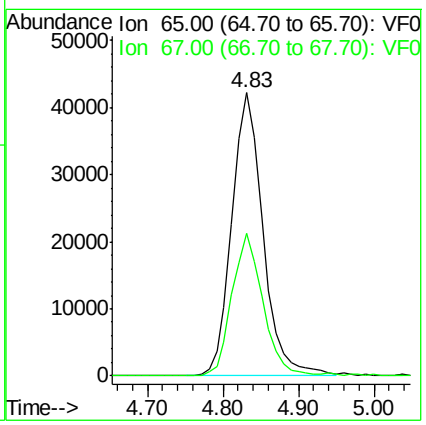


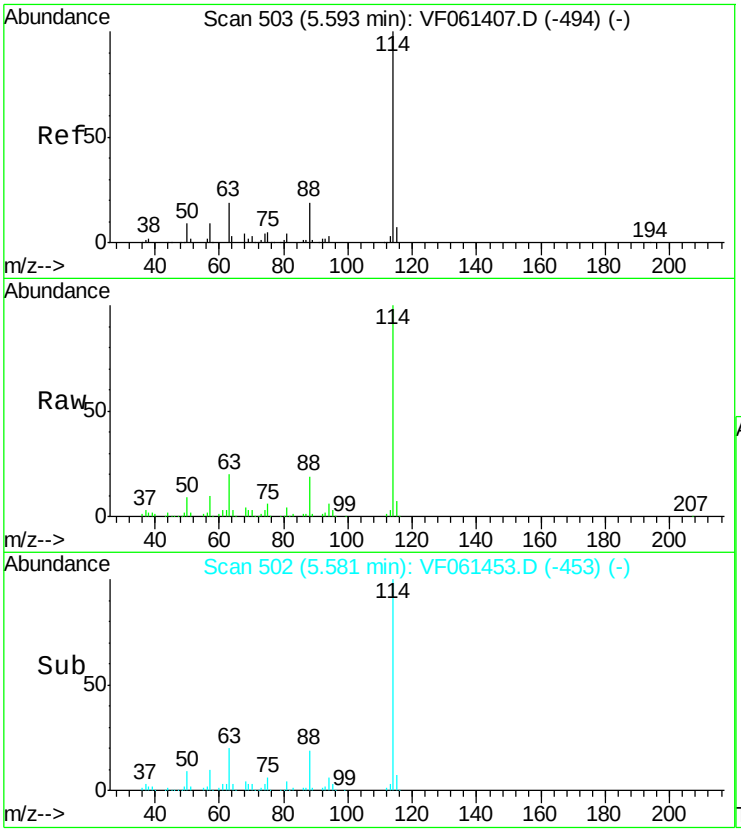


#33
1,2-Dichloroethane-d4
Concen: 45.644 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.00 min
Lab File: VF061453.D
Acq: 18 Jan 2019 12:06

Tgt Ion: 65 Resp: 120713

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	99.8



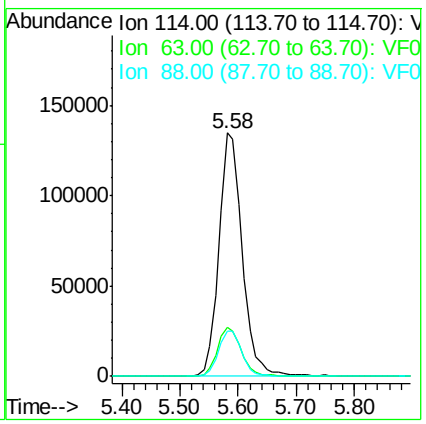


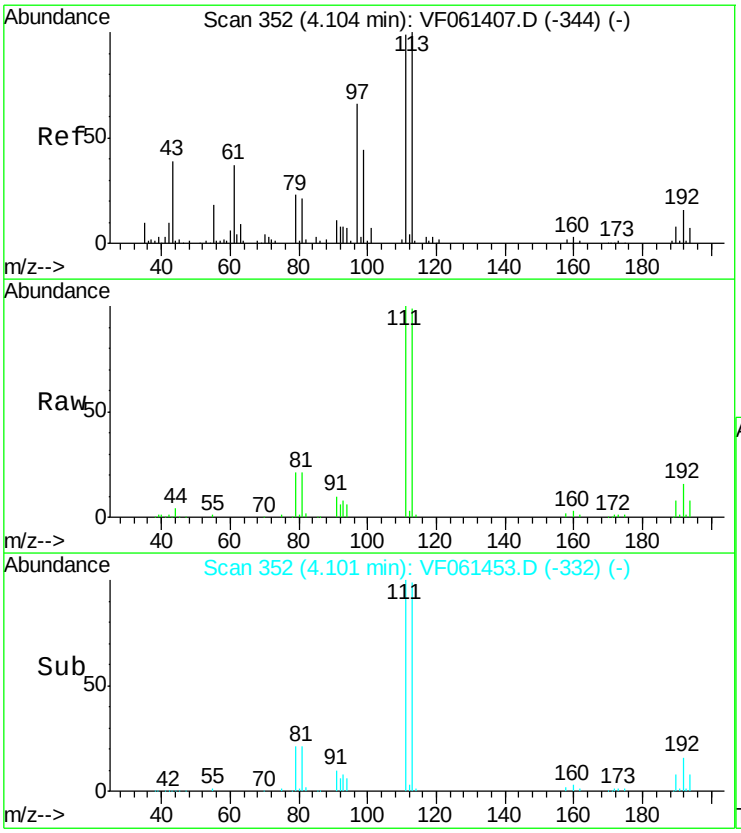
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.01 min
Lab File: VF061453.D
Acq: 18 Jan 2019 12:06

Instrument :
MSVOA_F
ClientSampleId :
VF0118SBL01

Tgt Ion:114 Resp: 374250

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.0
88	18.8	0.0	37.4

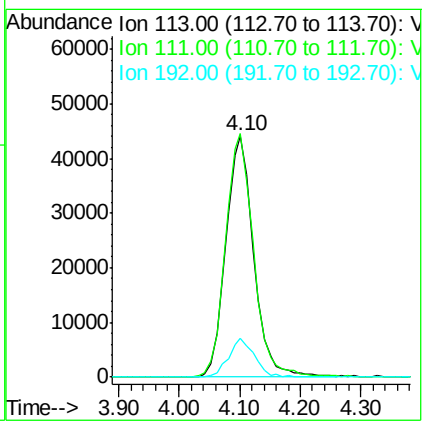


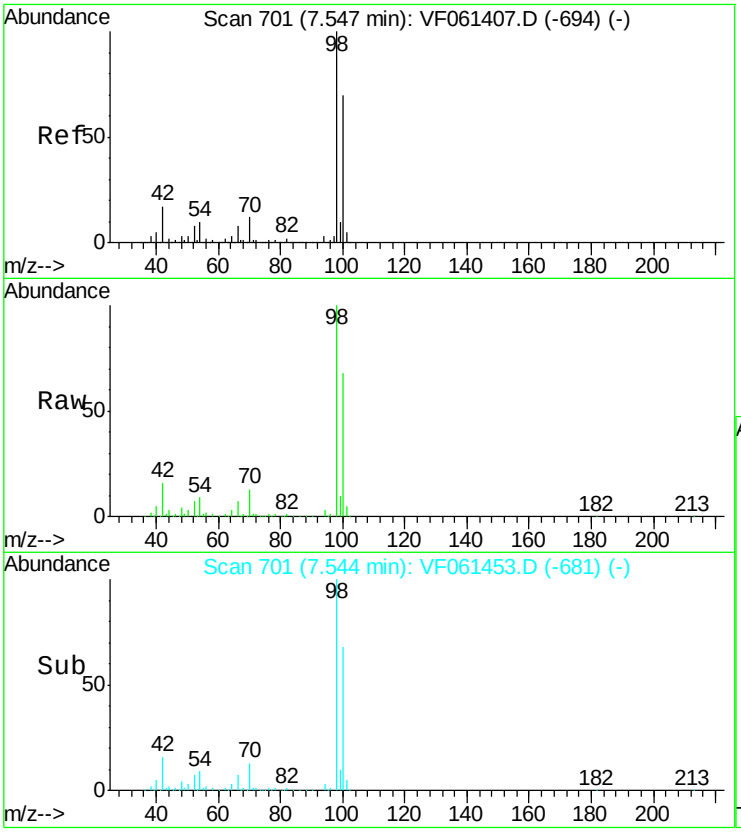


#35
Dibromofluoromethane
Concen: 47.551 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.00 min
Lab File: VF061453.D
Acq: 18 Jan 2019 12:06

Tgt Ion:113 Resp: 140426

Ion	Ratio	Lower	Upper
113	100		
111	100.7	79.4	119.0
192	15.8	12.4	18.6



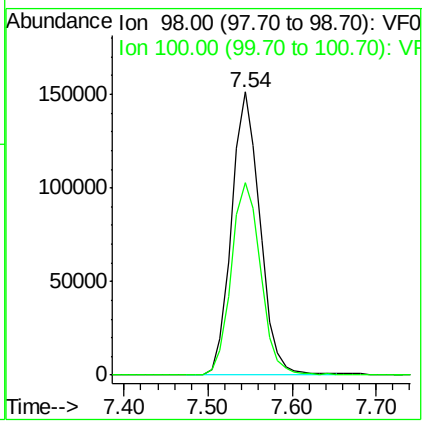


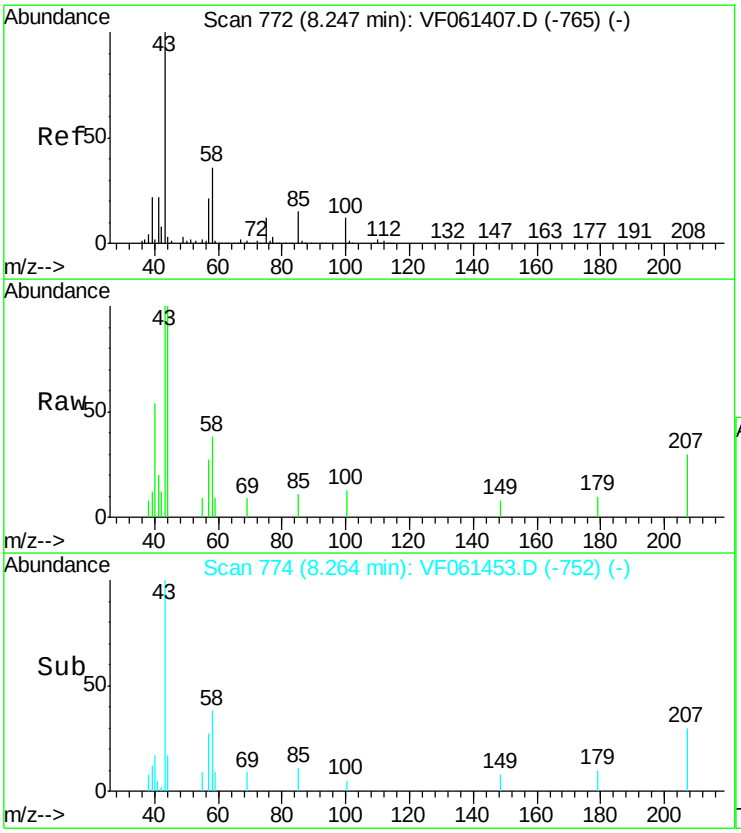
#50
Toluene-d8
Concen: 44.179 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.00 min
Lab File: VF061453.D
Acq: 18 Jan 2019 12:06

Instrument : MSVOA_F
ClientSampleId : VF0118SBL01

Tgt Ion: 98 Resp: 357453

Ion	Ratio	Lower	Upper
98	100		
100	67.9	55.6	83.4

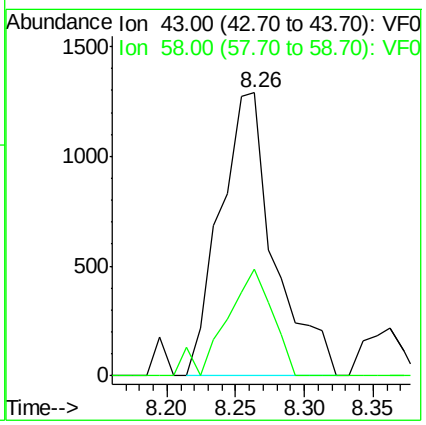


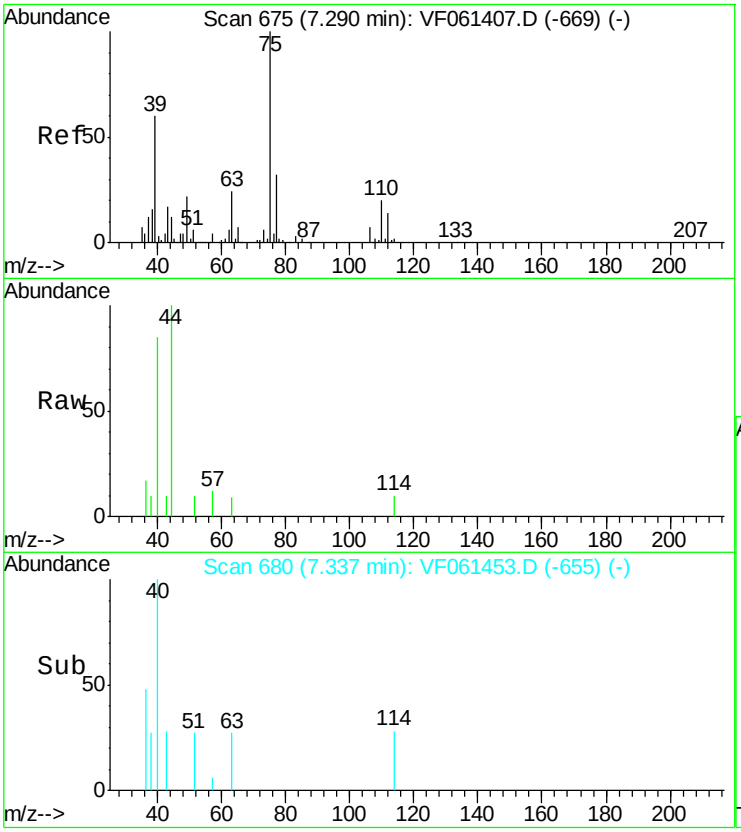


#51
4-Methyl-2-Pentanone
Concen: 2.214 ug/l
RT: 8.26 min Scan# 774
Delta R.T. 0.02 min
Lab File: VF061453.D
Acq: 18 Jan 2019 12:06

Tgt Ion: 43 Resp: 3543

Ion	Ratio	Lower	Upper
43	100		
58	37.8	28.8	43.2



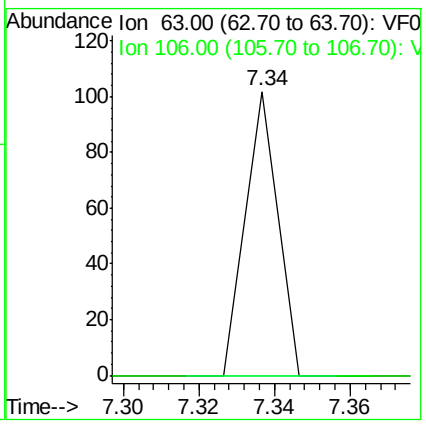


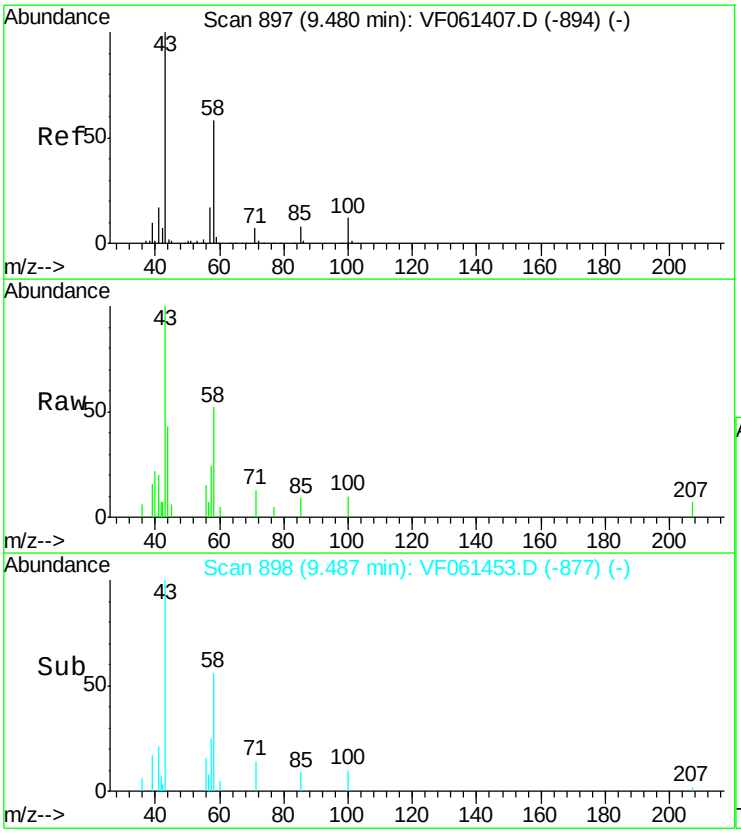
#58
2-Chloroethyl Vinyl ether
Concen: 27.760 ug/l
RT: 7.34 min Scan# 680
Delta R.T. 0.05 min
Lab File: VF061453.D
Acq: 18 Jan 2019 12:06

Instrument : MSVOA_F
ClientSampleId : VF0118SBL01

Tgt Ion: 63 Resp: 60

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.9	32.9#

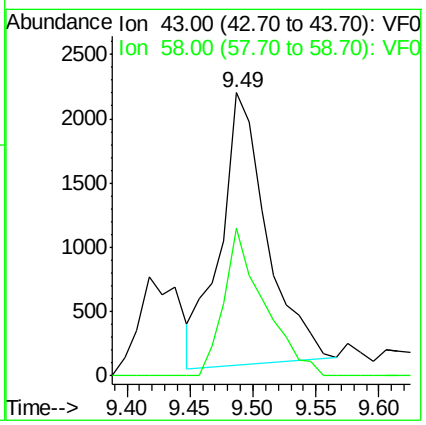


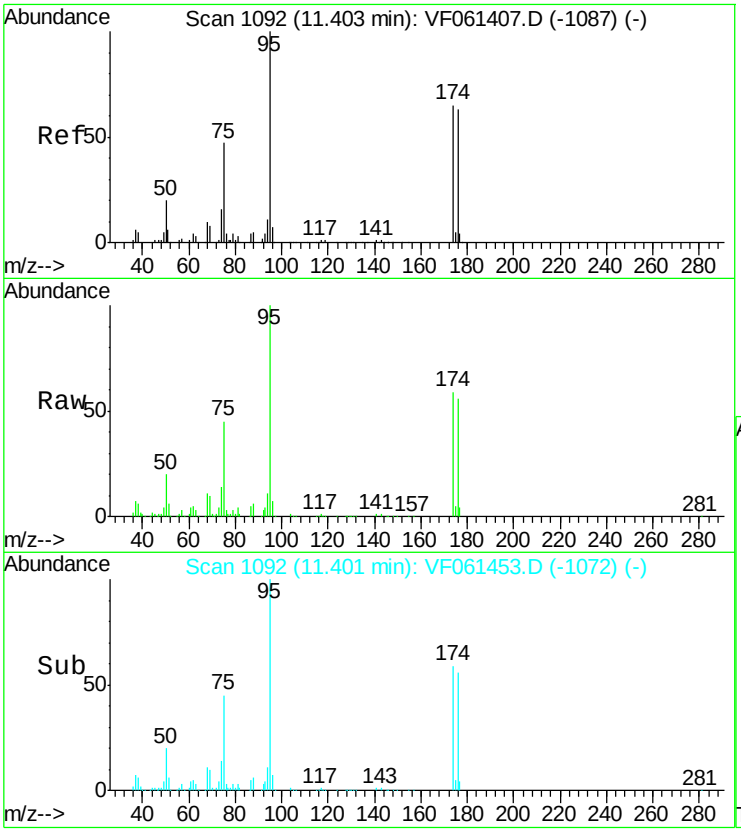


#59
2-Hexanone
Concen: 4.829 ug/l
RT: 9.49 min Scan# 898
Delta R.T. 0.01 min
Lab File: VF061453.D
Acq: 18 Jan 2019 12:06

Tgt Ion: 43 Resp: 5389

Ion	Ratio	Lower	Upper
43	100		
58	52.0	25.9	77.6



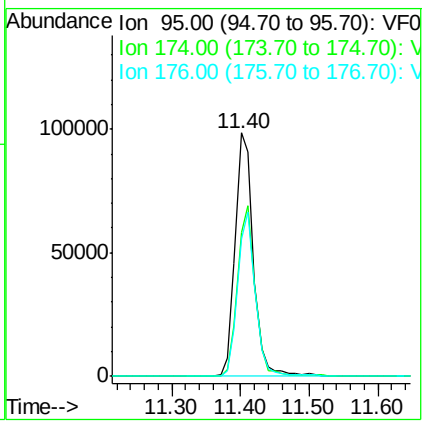


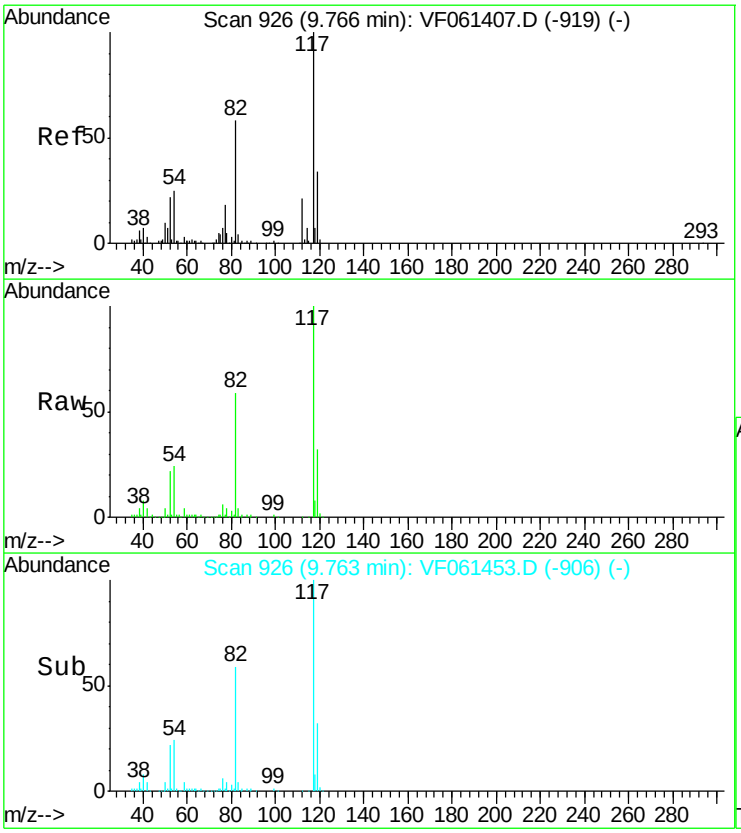
#62
4-Bromofluorobenzene
Concen: 47.957 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VF061453.D
Acq: 18 Jan 2019 12:06

Instrument : MSVOA_F
ClientSampleId : VF0118SBL01

Tgt Ion: 95 Resp: 181296

Ion	Ratio	Lower	Upper
95	100		
174	58.9	0.0	130.4
176	56.3	0.0	126.2

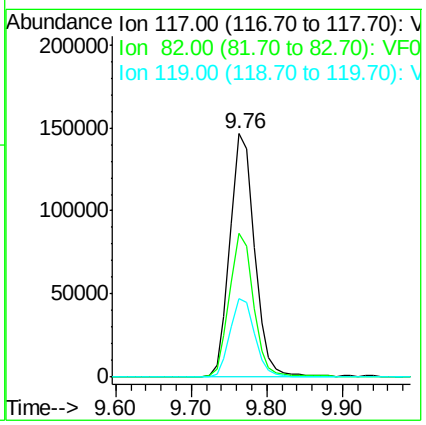


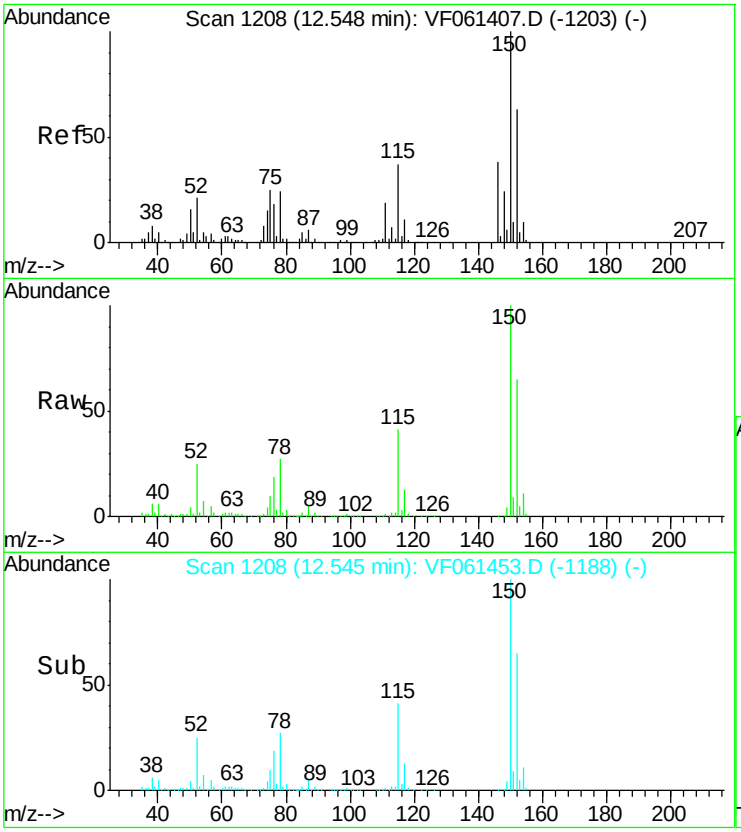


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.00 min
Lab File: VF061453.D
Acq: 18 Jan 2019 12:06

Tgt Ion:117 Resp: 330576

Ion	Ratio	Lower	Upper
117	100		
82	59.0	46.4	69.6
119	32.5	27.2	40.8



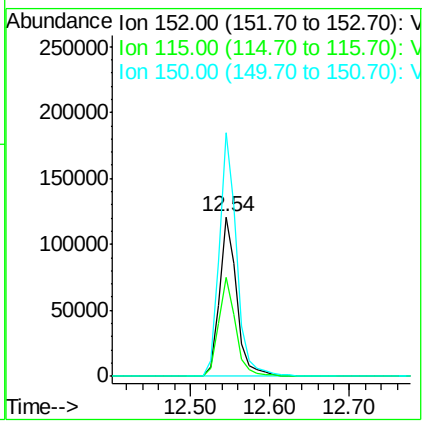


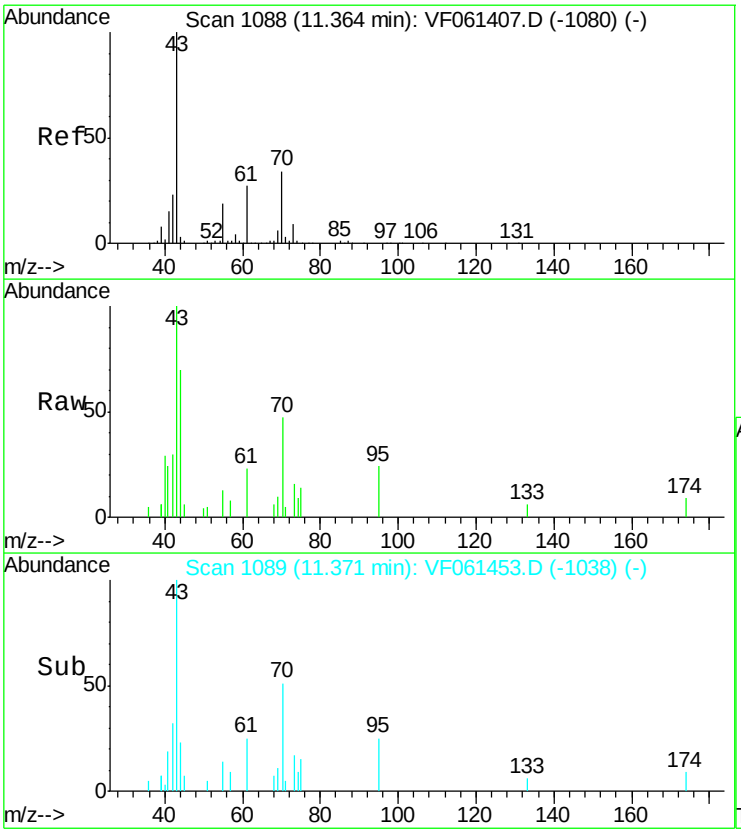
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061453.D
Acq: 18 Jan 2019 12:06

Instrument : MSVOA_F
ClientSampleId : VF0118SBL01

Tgt Ion:152 Resp: 184191

Ion	Ratio	Lower	Upper
152	100		
115	62.0	30.0	90.0
150	152.8	0.0	321.4

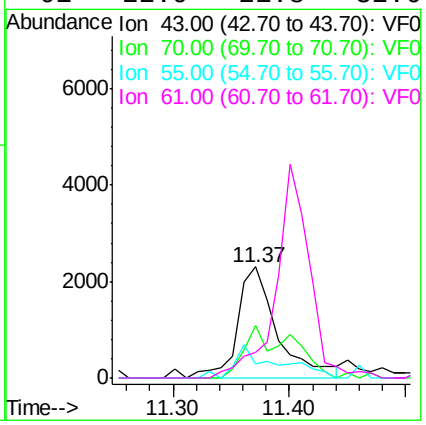


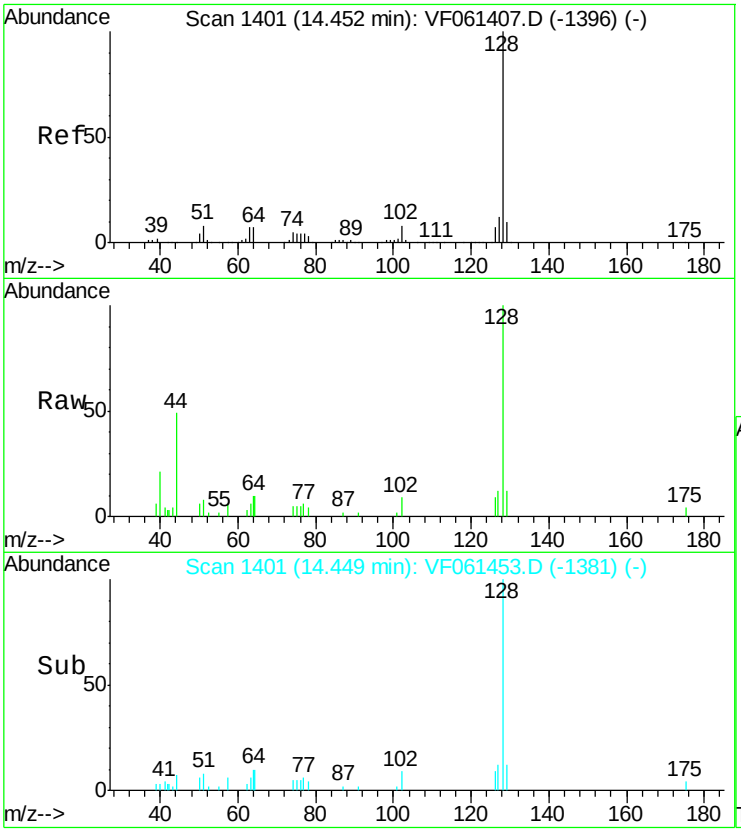


#74
N-amyl acetate
Concen: 1.539 ug/l
RT: 11.37 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VF061453.D
Acq: 18 Jan 2019 12:06

Tgt Ion: 43 Resp: 5450

Ion	Ratio	Lower	Upper
43	100		
70	47.4	27.6	41.4#
55	12.9	15.4	23.2#
61	22.9	21.8	32.6





#95
Naphthalene
Concen: 1.135 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.00 min
Lab File: VF061453.D
Acq: 18 Jan 2019 12:06

Instrument :
MSVOA_F
ClientSampleId :
VF0118SBL01

Tgt Ion:128 Resp: 8938

Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.5	14.3
129	11.7	8.4	12.6