Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021119\
Data File : VF061594.D
Acq On : 11 Feb 2019 19:05
Operator : VA/AP
Sample : K1461-01
Misc : 4.79g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Feb 12 03:28:07 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	4.85	168	154861	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.58	114	279839	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	223423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.53	152	91149	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	112690	58.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.88%			
35) Dibromofluoromethane	4.09	113	123989	56.15	ug/l	-0.01
Spiked Amount 50.000			Recovery = 112.30%			
50) Toluene-d8	7.54	98	283109	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.58%			
62) 4-Bromofluorobenzene	11.40	95	106710	37.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.50%			
Target Compounds						Qvalue
8) Diethyl Ether	1.62	74	733	1.483	ug/l #	1
11) Tert butyl alcohol	2.55	59	534	6.598	ug/l #	64
13) Acrolein	1.99	56	639	19.125	ug/l #	7
14) Allyl chloride	2.08	41	428	Below Cal	#	76
15) Acrylonitrile	2.90	53	475	2.291	ug/l #	56
16) Acetone	2.24	43	50921	132.758	ug/l	100
18) Methyl Acetate	2.32	43	4636	6.095	ug/l #	76
23) Vinyl Acetate	3.19	43	1300	3.789	ug/l #	78
25) 2-Butanone	4.32	43	18059	28.312	ug/l	98
29) Tetrahydrofuran	4.04	42	610	2.221	ug/l #	38
51) 4-Methyl-2-Pentanone	8.25	43	1765	1.475	ug/l	88
52) Toluene	7.61	92	41974	8.828	ug/l	98
59) 2-Hexanone	9.48	43	1057	1.267	ug/l	74
84) 1,2,4-Trimethylbenzene	12.19	105	6842	1.110	ug/l	99
95) Naphthalene	14.45	128	138227	35.461	ug/l	99

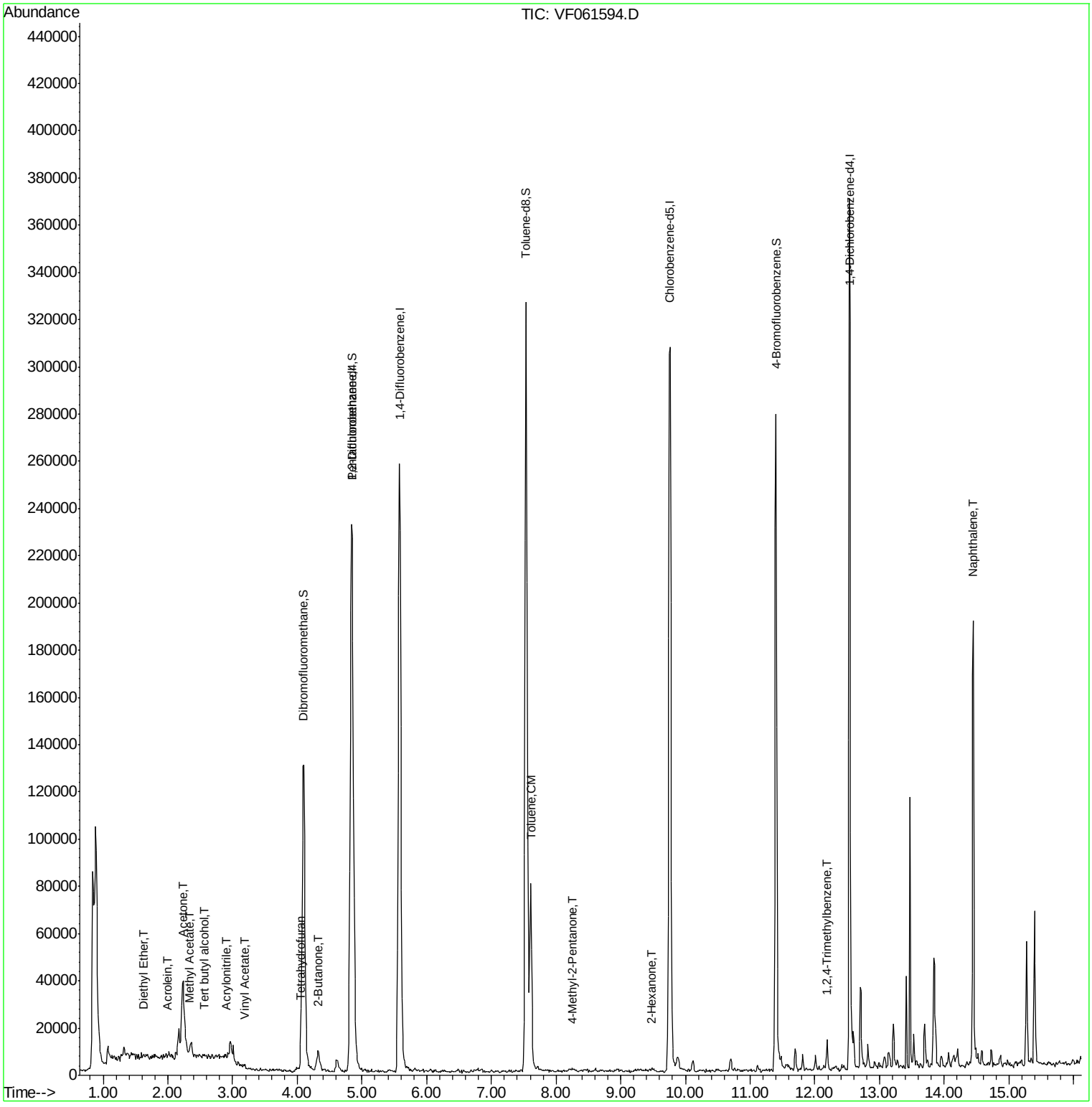
(#) = qualifier out of range (m) = manual integration (+) = signals summed

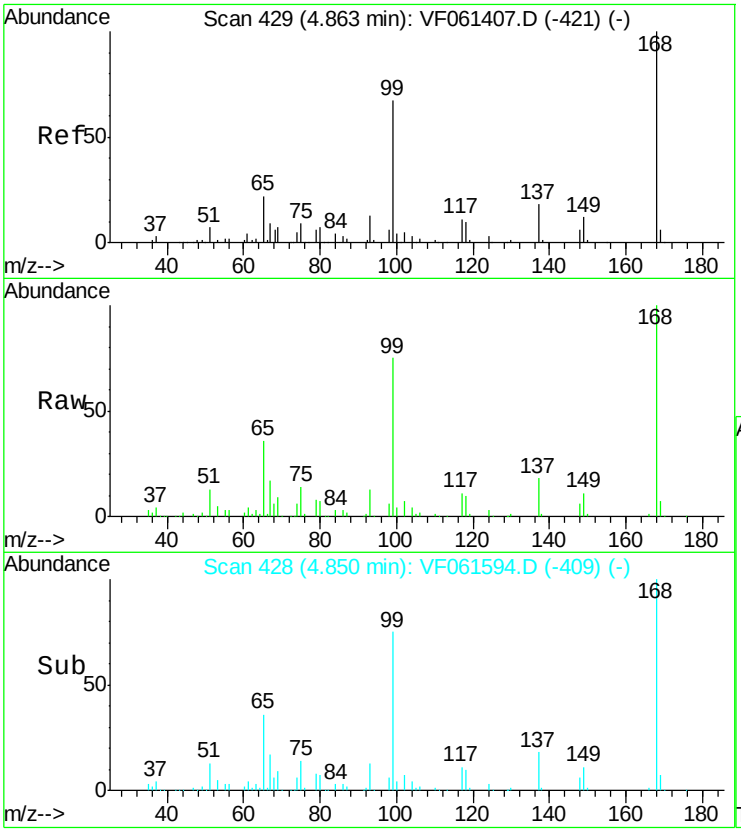
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021119\
Data File : VF061594.D
Acq On : 11 Feb 2019 19:05
Operator : VA/AP
Sample : K1461-01
Misc : 4.79g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Feb 12 03:28:07 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



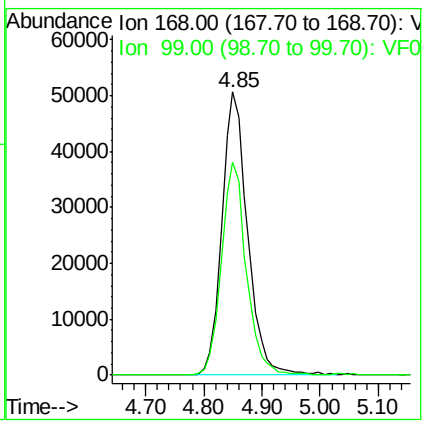


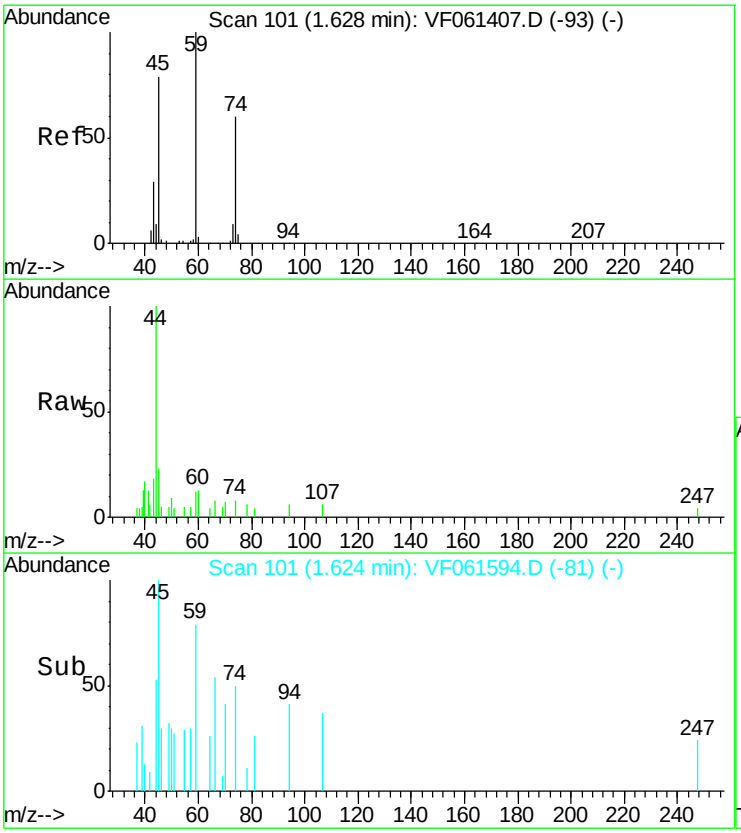
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 154861

Ion	Ratio	Lower	Upper
168	100		
99	75.3	53.5	80.3

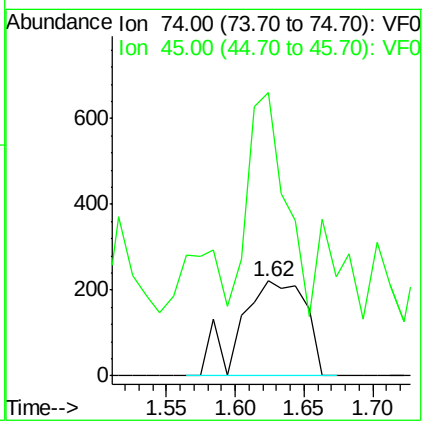


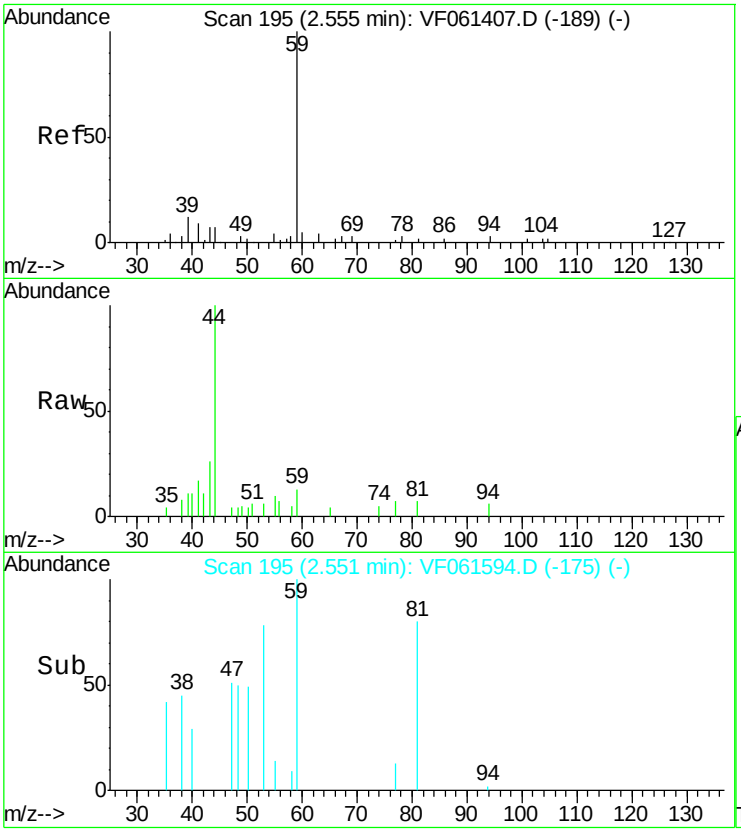


#8
Diethyl Ether
Concen: 1.483 ug/l
RT: 1.62 min Scan# 101
Delta R.T. -0.00 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Tgt Ion: 74 Resp: 733

Ion	Ratio	Lower	Upper
74	100		
45	298.6	65.8	197.5#



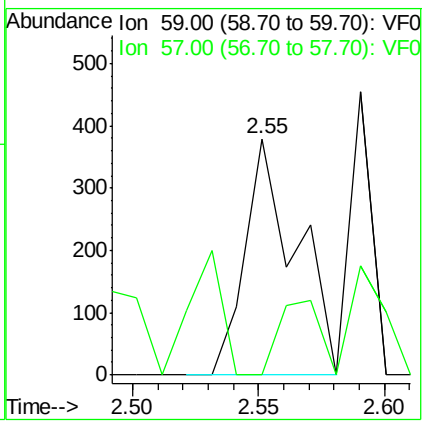


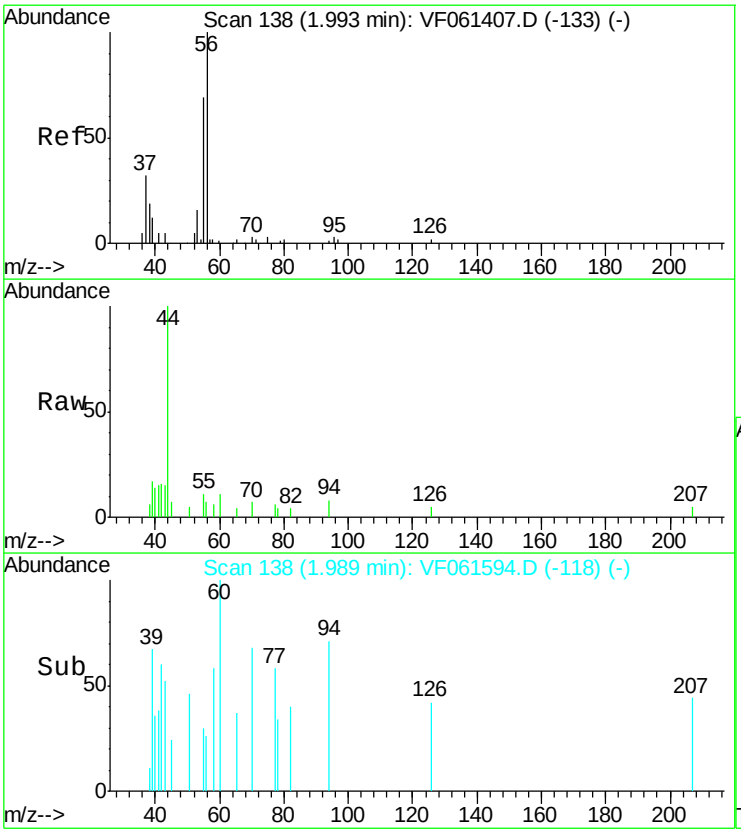
#11
Tert butyl alcohol
Concen: 6.598 ug/l
RT: 2.55 min Scan# 195
Delta R.T. -0.00 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 534

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.9	17.9#

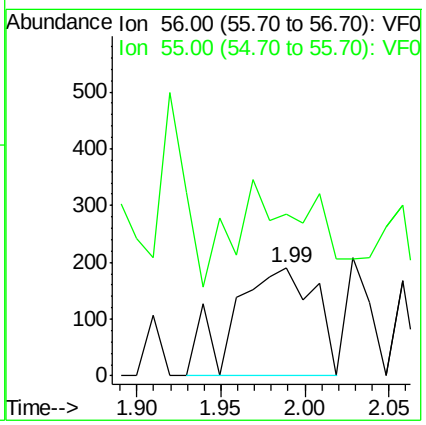


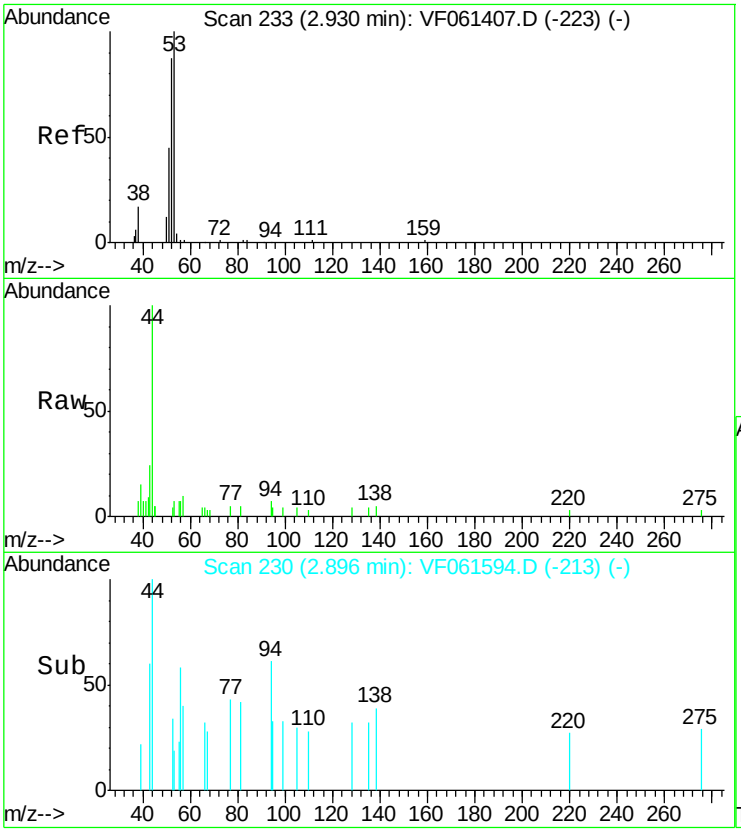


#13
Acrolein
Concen: 19.125 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.00 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Tgt Ion: 56 Resp: 639

Ion	Ratio	Lower	Upper
56	100		
55	149.2	57.5	86.3#



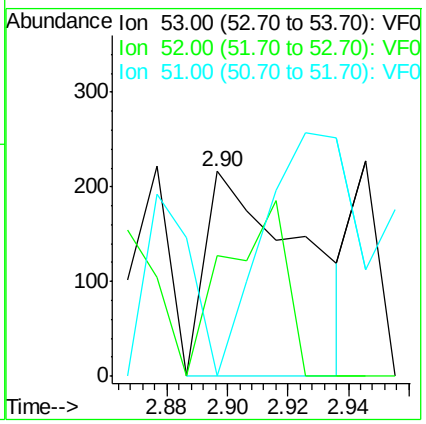


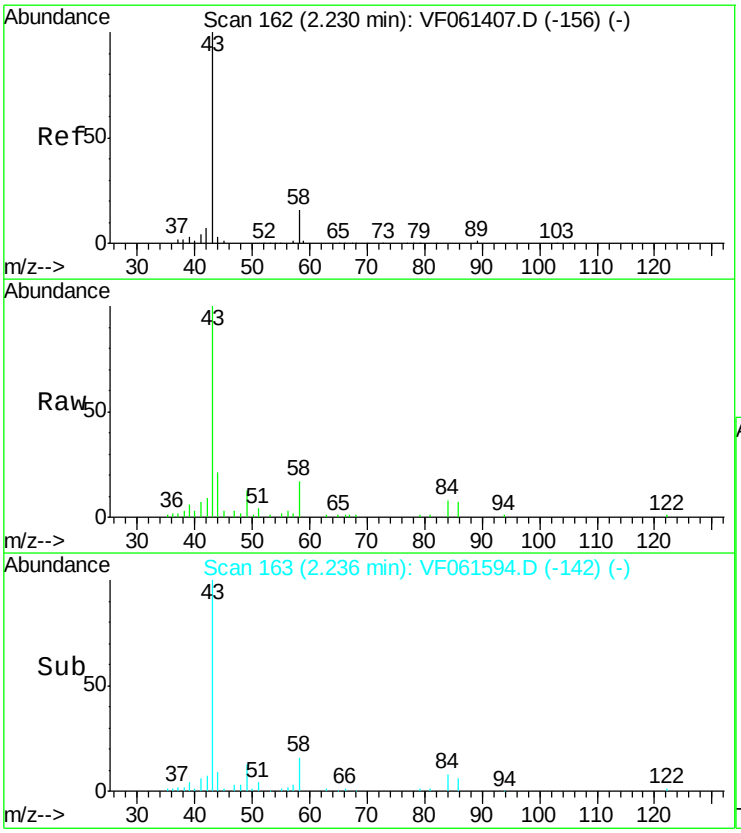
#15
Acrylonitrile
Concen: 2.291 ug/l
RT: 2.90 min Scan# 230
Delta R.T. -0.03 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 475

Ion	Ratio	Lower	Upper
53	100		
52	58.8	69.6	104.4#
51	0.0	36.8	55.2#

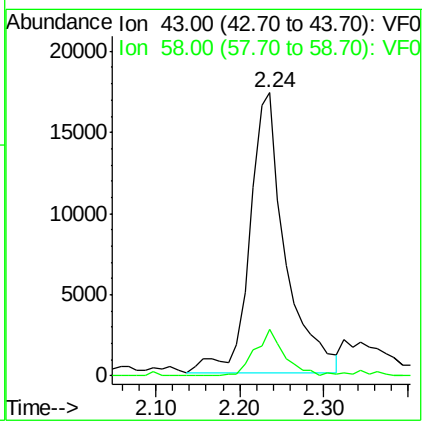


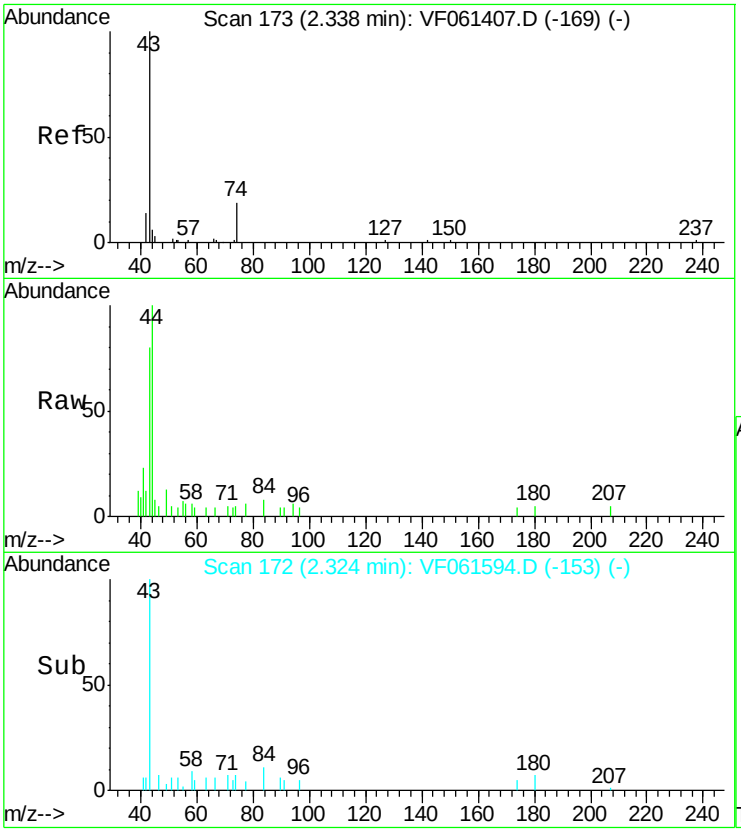


#16
Acetone
Concen: 132.758 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.01 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Tgt Ion: 43 Resp: 50921

Ion	Ratio	Lower	Upper
43	100		
58	16.6	13.3	19.9



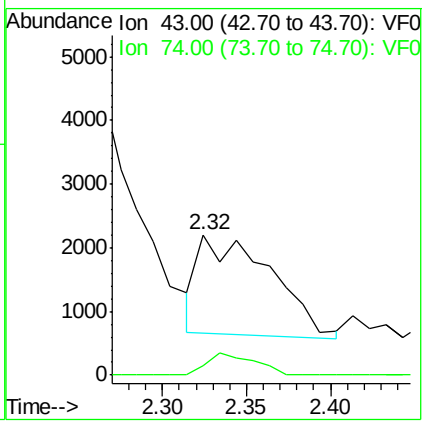


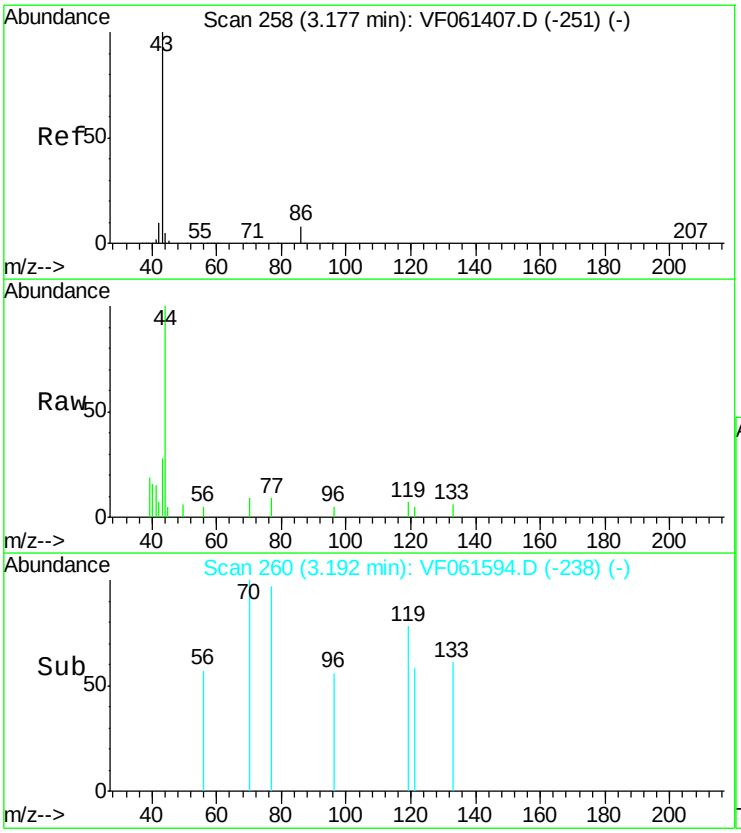
#18
Methyl Acetate
Concen: 6.095 ug/l
RT: 2.32 min Scan# 172
Delta R.T. -0.01 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 4636

Ion	Ratio	Lower	Upper
43	100		
74	6.3	13.4	20.0#

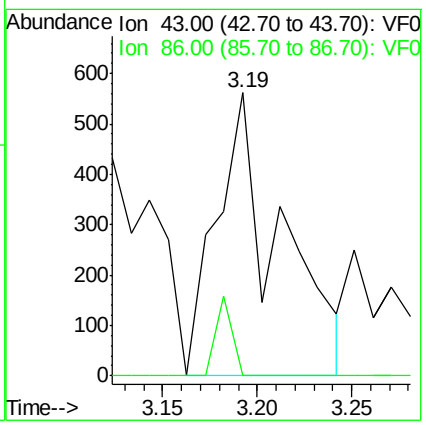


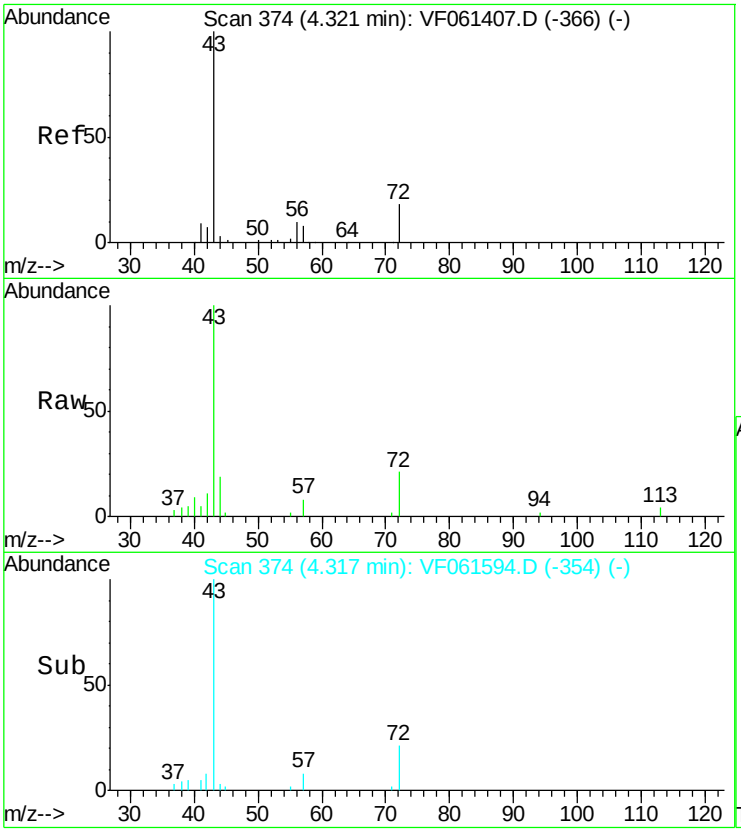


#23
Vinyl Acetate
Concen: 3.789 ug/l
RT: 3.19 min Scan# 260
Delta R.T. 0.02 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Tgt Ion: 43 Resp: 1300

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#



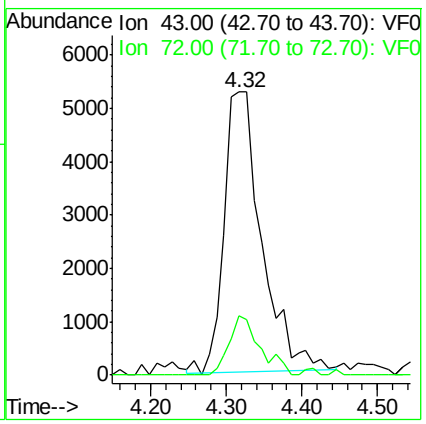


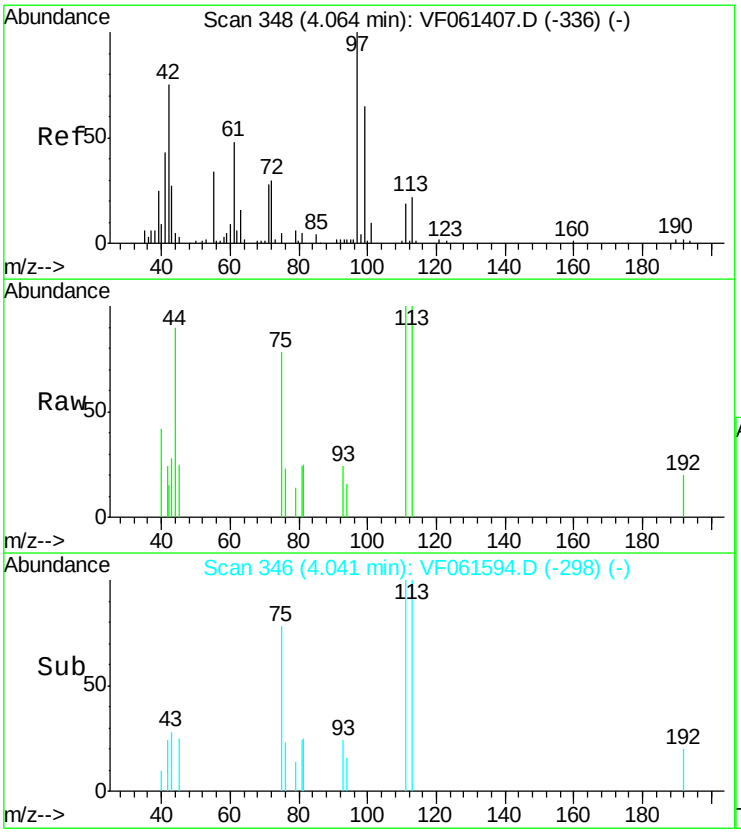
#25
2-Butanone
Concen: 28.312 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.00 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 18059

Ion	Ratio	Lower	Upper
43	100		
72	20.8	15.8	23.6

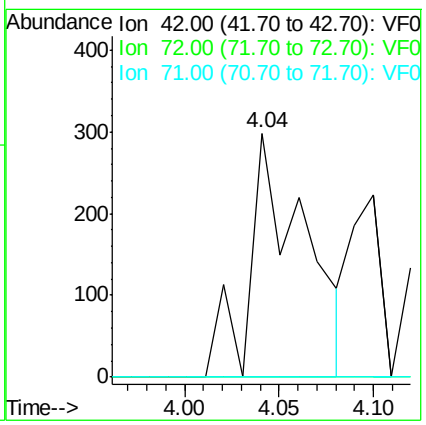


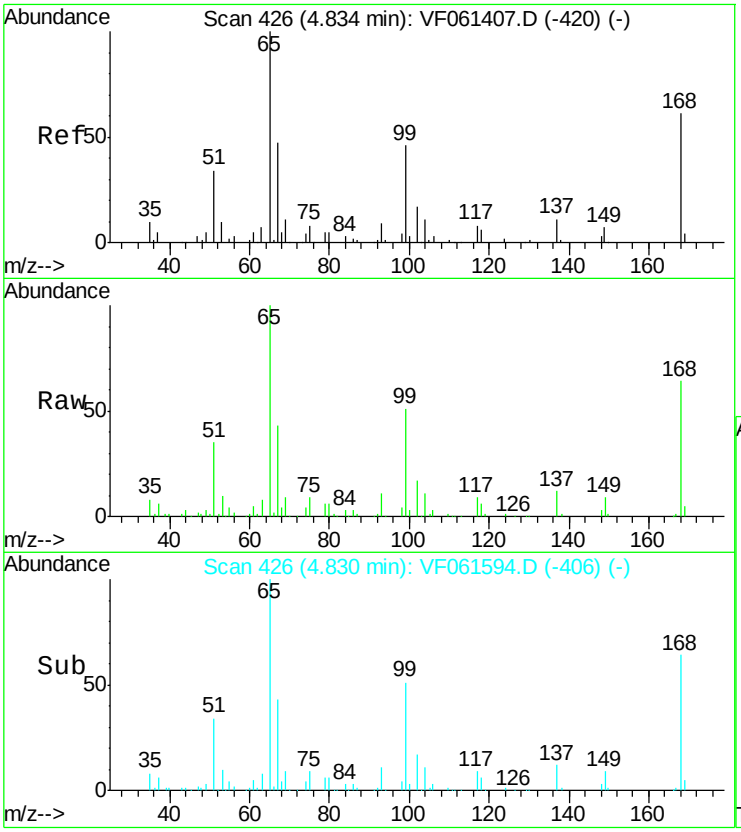


#29
Tetrahydrofuran
Concen: 2.221 ug/l
RT: 4.04 min Scan# 346
Delta R.T. -0.02 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Tgt Ion: 42 Resp: 610

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



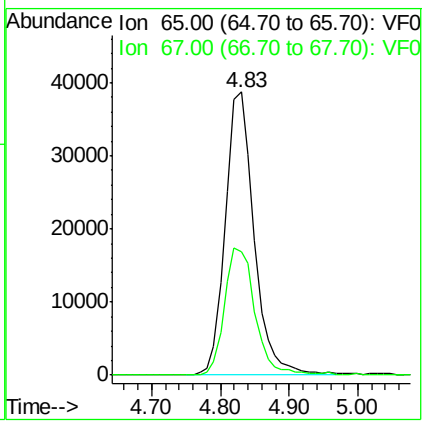


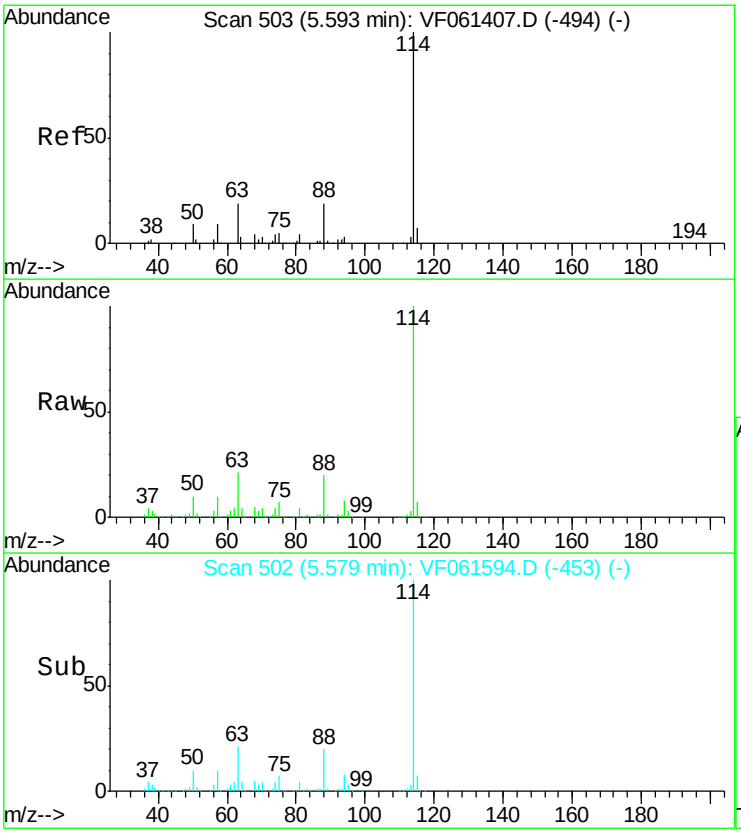
#33
1,2-Dichloroethane-d4
Concen: 58.940 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.00 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 112690

Ion	Ratio	Lower	Upper
65	100		
67	43.5	0.0	99.8

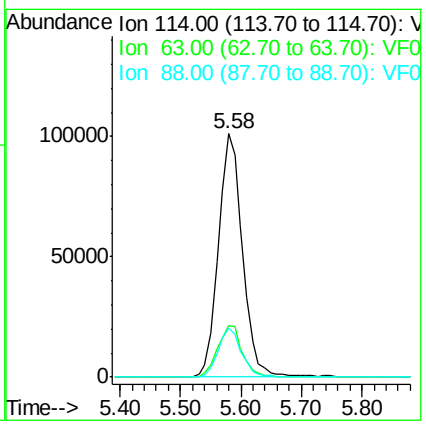


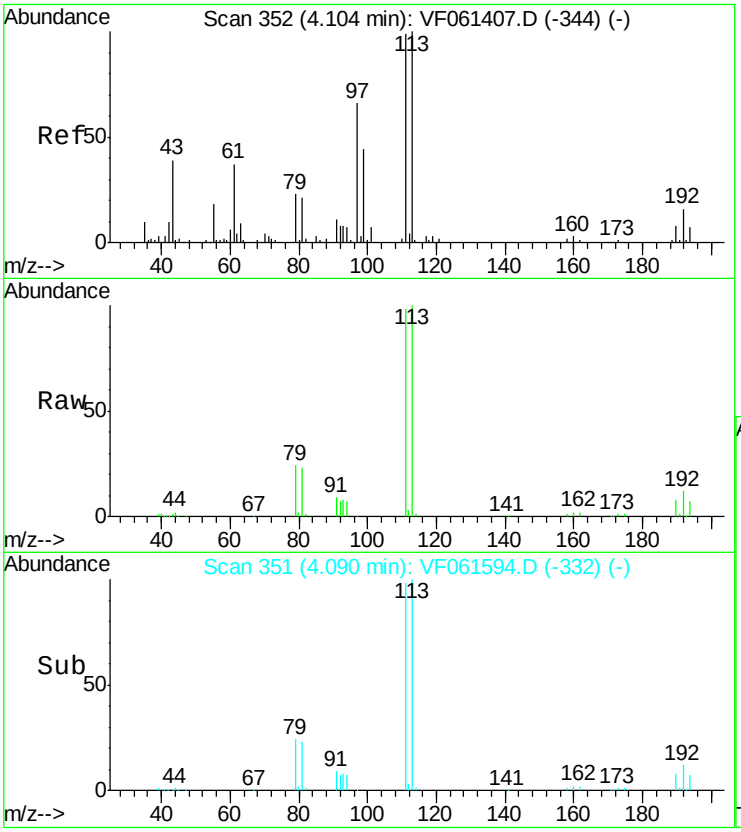


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.01 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Tgt Ion:114 Resp: 279839

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	39.0
88	20.2	0.0	37.4



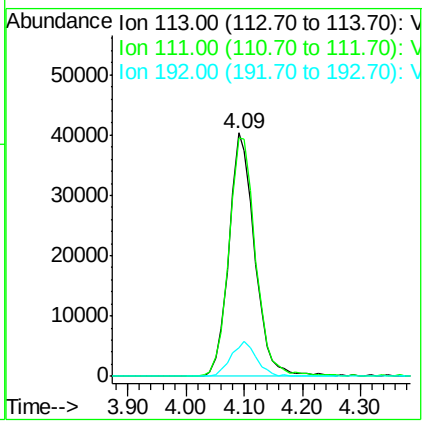


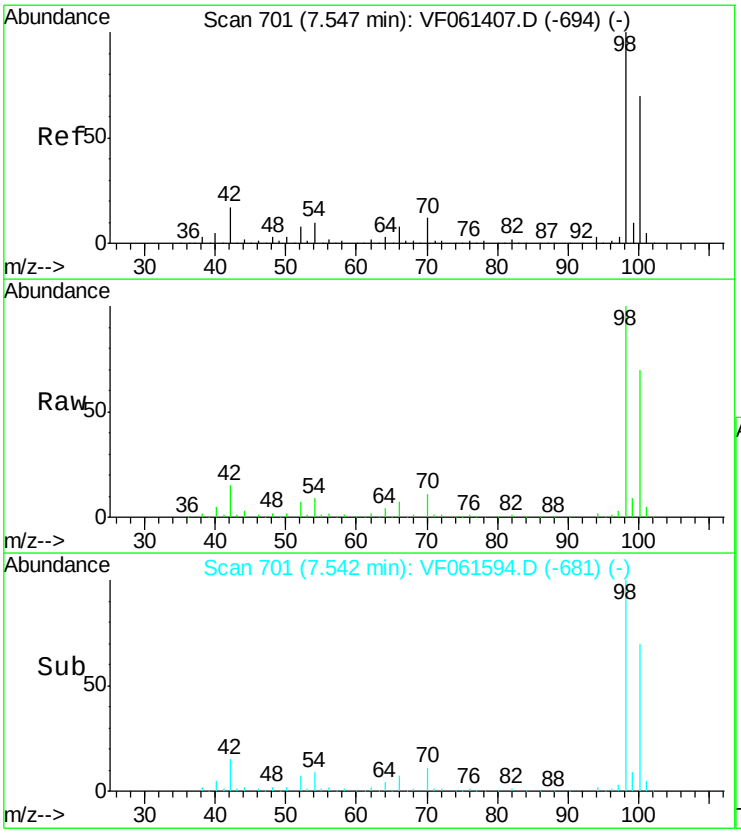
#35
Dibromofluoromethane
Concen: 56.150 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.01 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 123989

Ion	Ratio	Lower	Upper
113	100		
111	97.8	79.4	119.0
192	11.7	12.4	18.6#

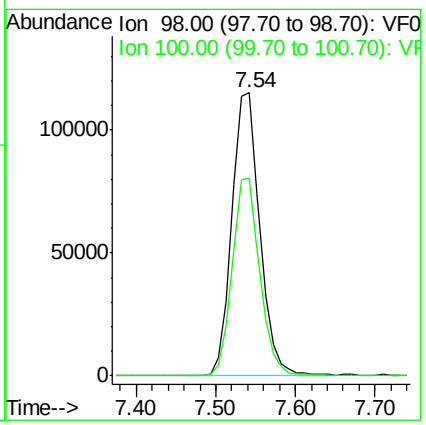


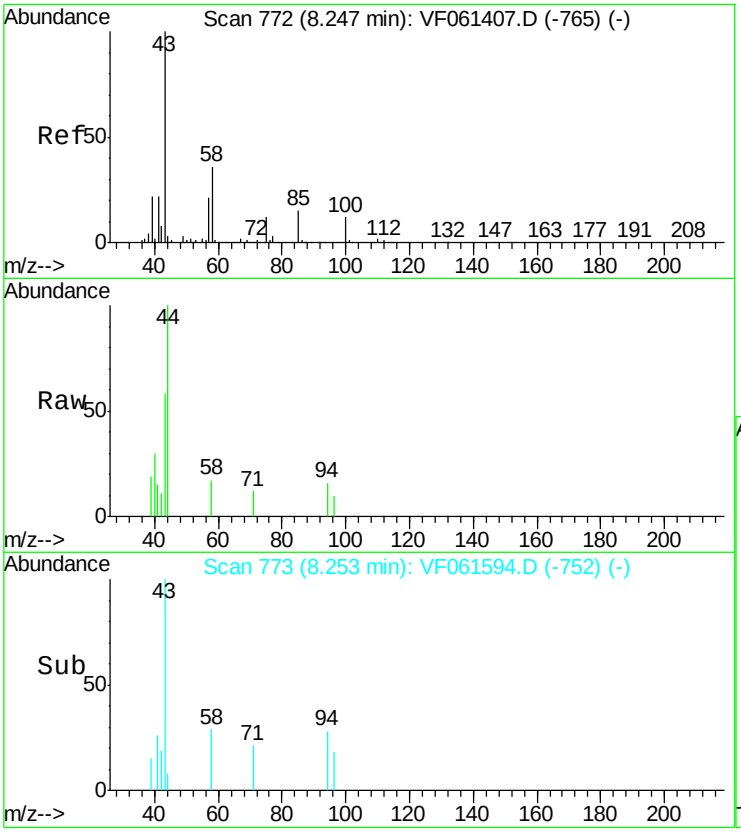


#50
Toluene-d8
Concen: 46.795 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.00 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Tgt Ion: 98 Resp: 283109

Ion	Ratio	Lower	Upper
98	100		
100	69.9	55.6	83.4



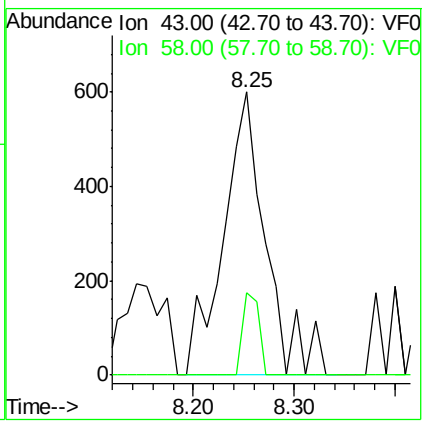


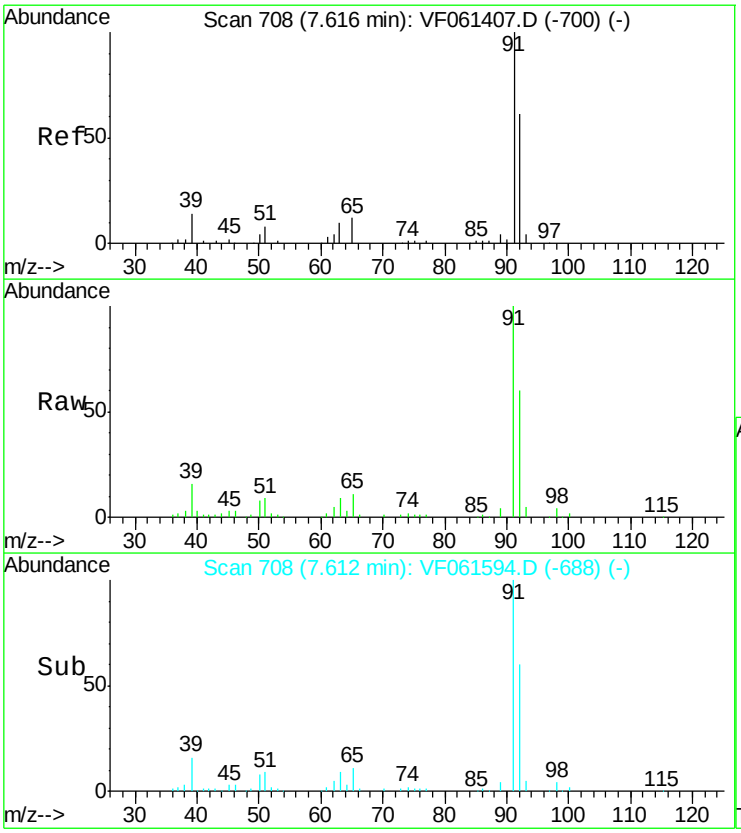
#51
4-Methyl-2-Pentanone
Concen: 1.475 ug/l
RT: 8.25 min Scan# 773
Delta R.T. 0.01 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1765

Ion	Ratio	Lower	Upper
43	100		
58	29.0	28.8	43.2

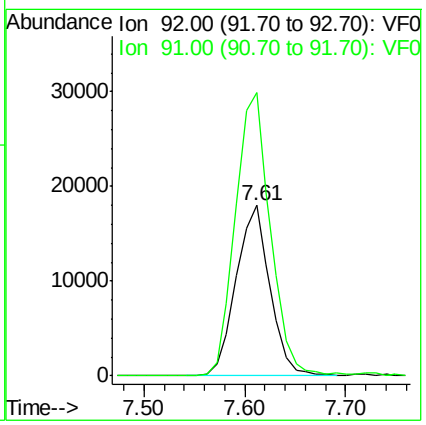


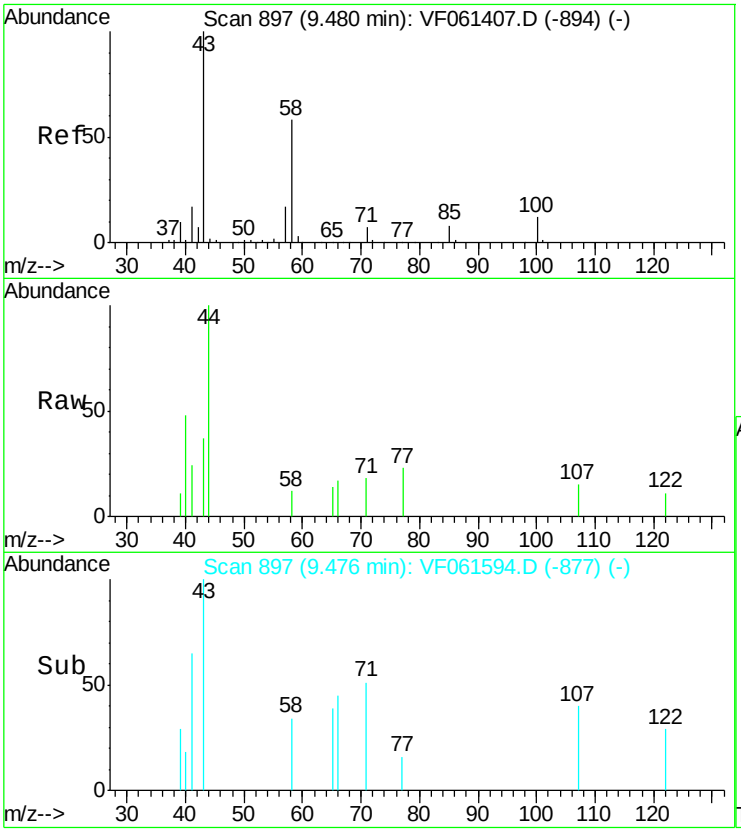


#52
Toluene
Concen: 8.828 ug/l
RT: 7.61 min Scan# 708
Delta R.T. -0.00 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Tgt Ion: 92 Resp: 41974

Ion	Ratio	Lower	Upper
92	100		
91	166.1	131.2	196.8



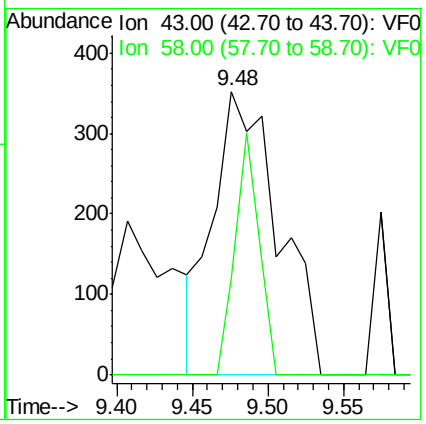


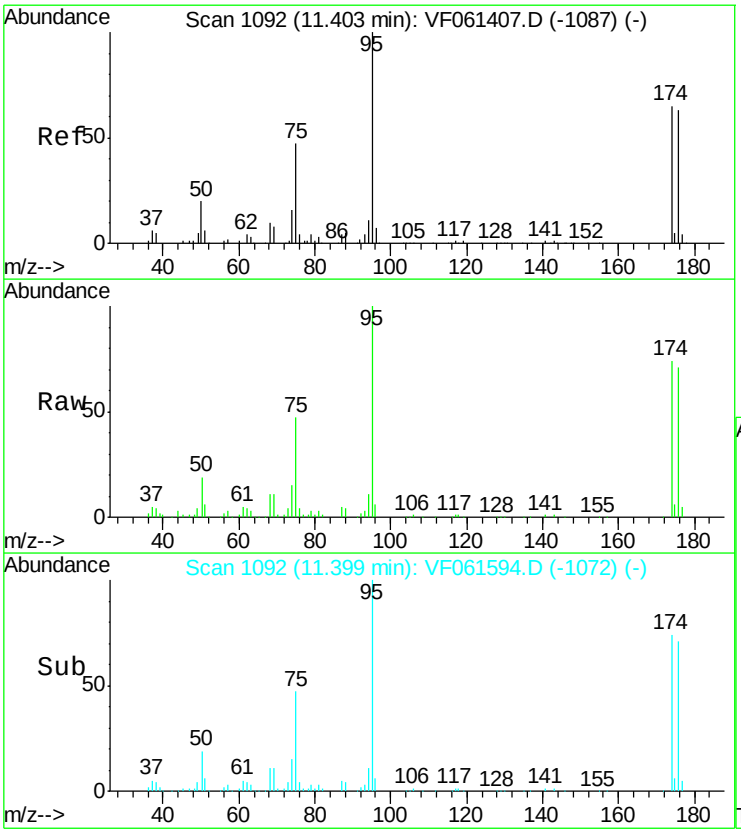
#59
2-Hexanone
Concen: 1.267 ug/l
RT: 9.48 min Scan# 897
Delta R.T. -0.00 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1057

Ion	Ratio	Lower	Upper
43	100		
58	33.8	25.9	77.6

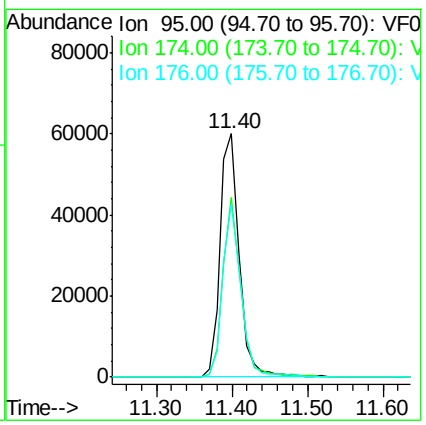


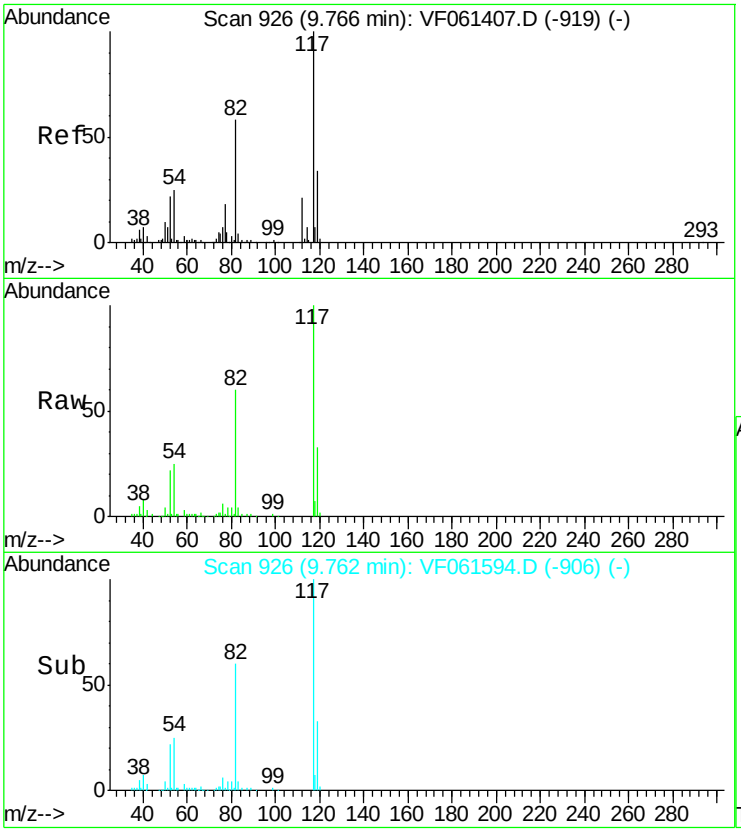


#62
4-Bromofluorobenzene
Concen: 37.750 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Tgt Ion: 95 Resp: 106710

Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	130.4
176	71.3	0.0	126.2



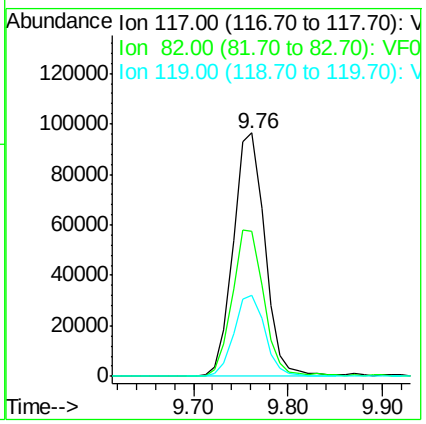


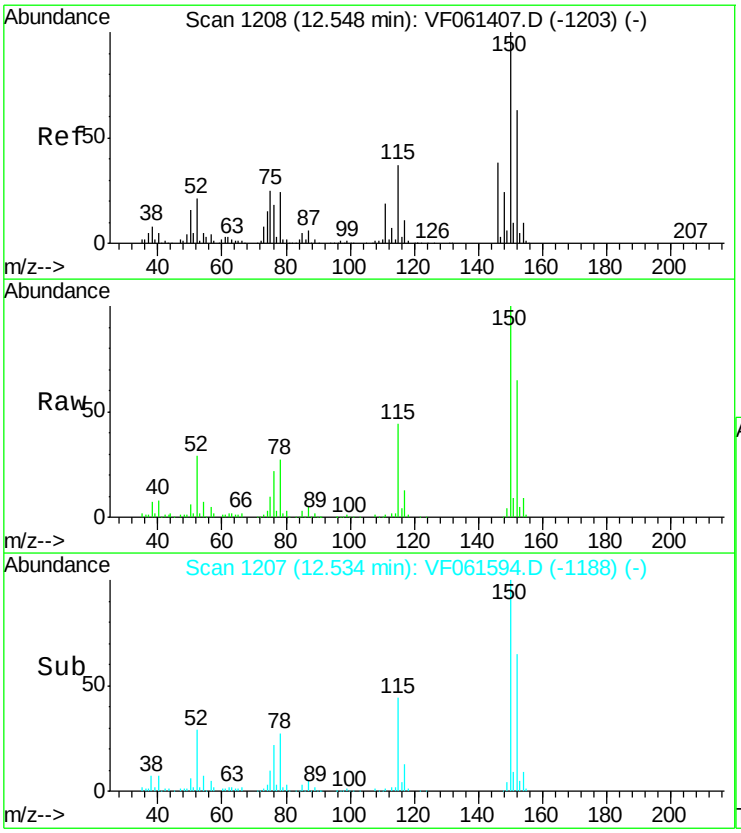
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.00 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 223423

Ion	Ratio	Lower	Upper
117	100		
82	59.7	46.4	69.6
119	33.4	27.2	40.8

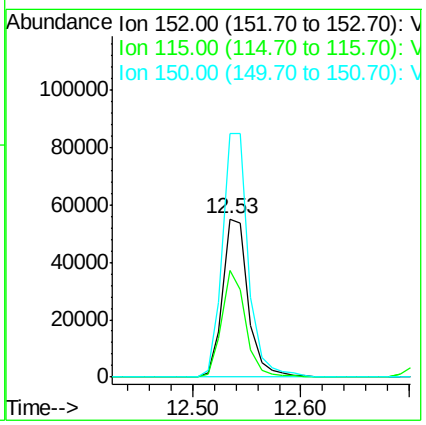


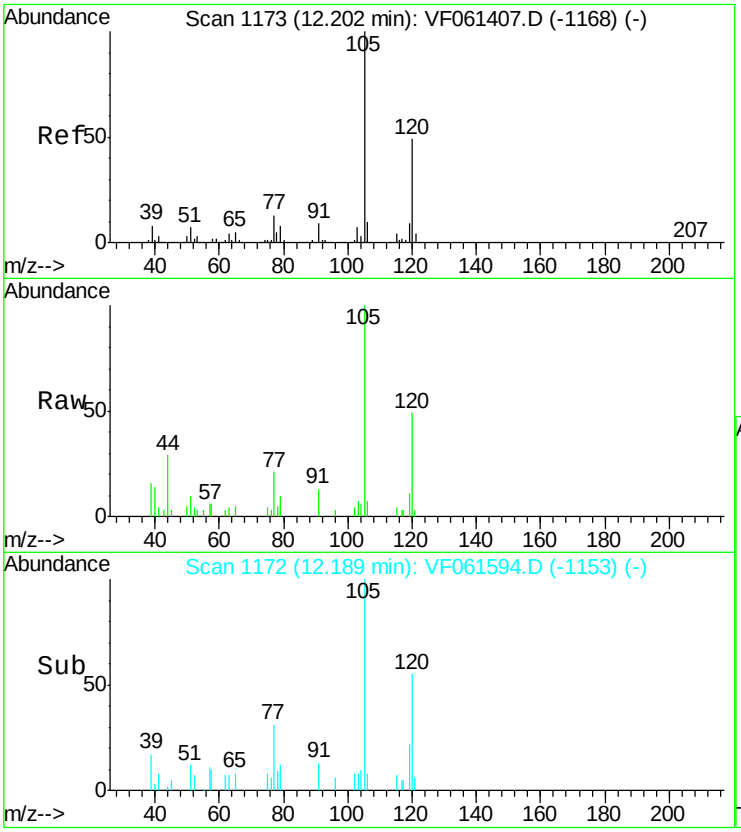


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Tgt Ion:152 Resp: 91149

Ion	Ratio	Lower	Upper
152	100		
115	67.4	30.0	90.0
150	153.6	0.0	321.4



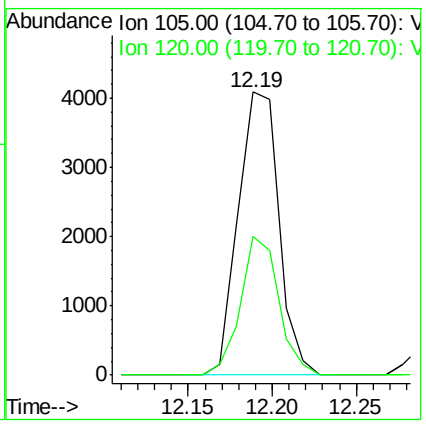


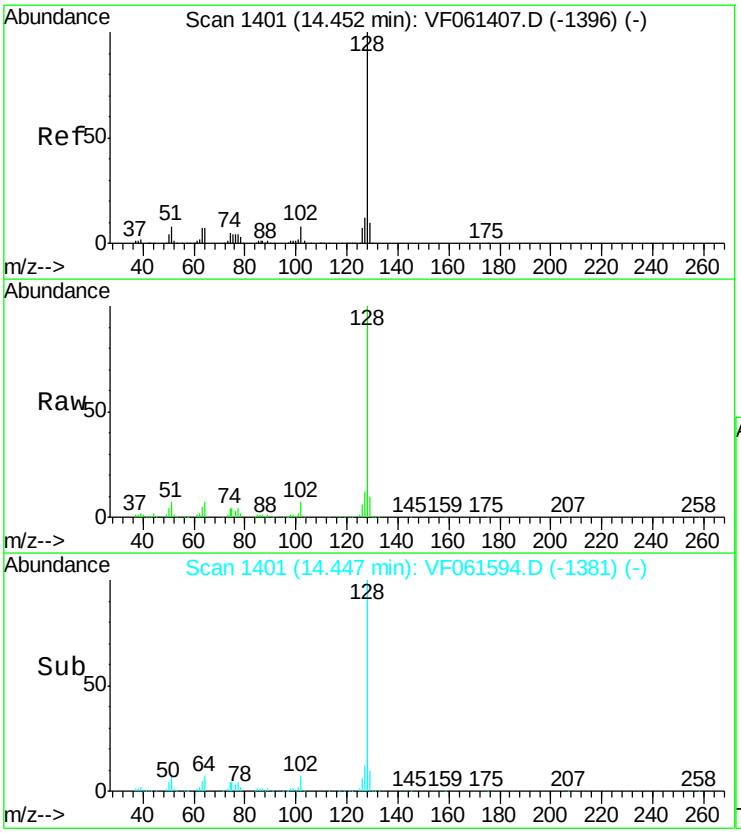
#84
1,2,4-Trimethylbenzene
Concen: 1.110 ug/l
RT: 12.19 min Scan# 1172
Delta R.T. -0.01 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:105 Resp: 6842

Ion	Ratio	Lower	Upper
105	100		
120	49.2	24.9	74.6





#95
Naphthalene
Concen: 35.461 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.00 min
Lab File: VF061594.D
Acq: 11 Feb 2019 19:05

Tgt Ion:128 Resp: 138227

Ion	Ratio	Lower	Upper
128	100		
127	12.2	9.5	14.3
129	10.4	8.4	12.6