Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121918\
Data File : VF061088.D
Acq On : 19 Dec 2018 16:43
Operator : VA/AP
Sample : J6388-09
Misc : 6.12g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 20 02:23:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	199396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	330387	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	267344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	116718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	92366	36.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 72.04%			
35) Dibromofluoromethane	4.12	113	113070	42.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.44%			
50) Toluene-d8	7.55	98	250144	33.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 66.70%			
62) 4-Bromofluorobenzene	11.41	95	113282	32.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 65.52%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.56	59	130	1.256	ug/l #	1
13) Acrolein	2.03	56	923	12.343	ug/l #	17
16) Acetone	2.25	43	47887	93.404	ug/l	99
18) Methyl Acetate	2.37	43	5397	5.088	ug/l #	66
20) Methylene Chloride	2.27	84	4523	Below Cal	#	73
25) 2-Butanone	4.35	43	4358	5.241	ug/l	97
29) Tetrahydrofuran	4.10	42	1100	3.250	ug/l #	50
51) 4-Methyl-2-Pentanone	8.27	43	1949	1.476	ug/l #	74
70) Styrene	10.79	104	693	Below Cal	#	67
78) n-propylbenzene	11.60	91	734	Below Cal		79
87) 1,3-Dichlorobenzene	12.48	146	332	Below Cal	#	60

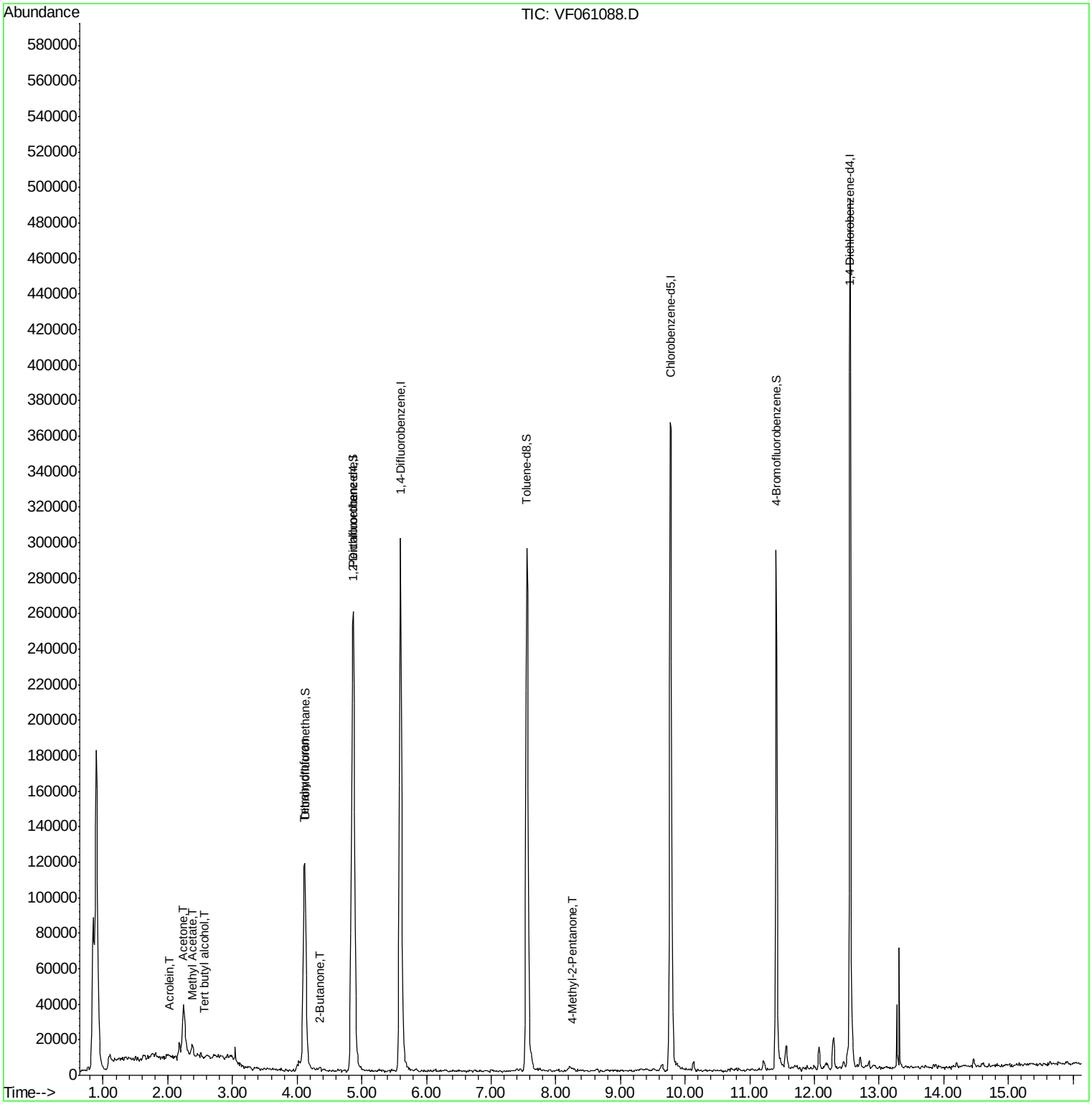
(#) = qualifier out of range (m) = manual integration (+) = signals summed

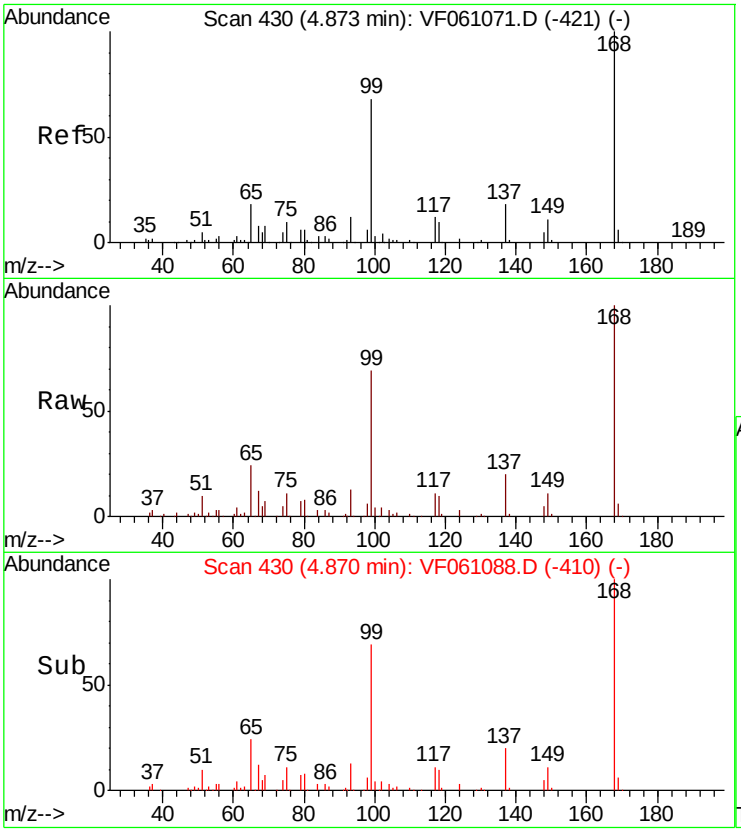
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
Data File : VF061088.D
Acq On : 19 Dec 2018 16:43
Operator : VA/AP
Sample : J6388-09
Misc : 6.12g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 20 02:23:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration



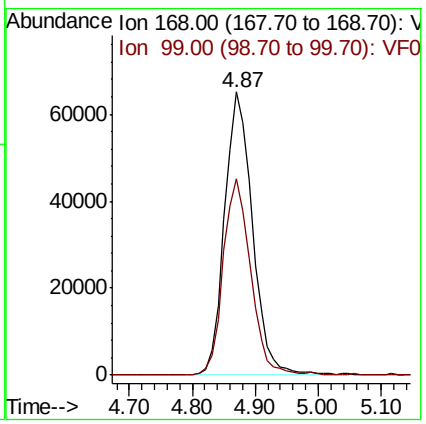


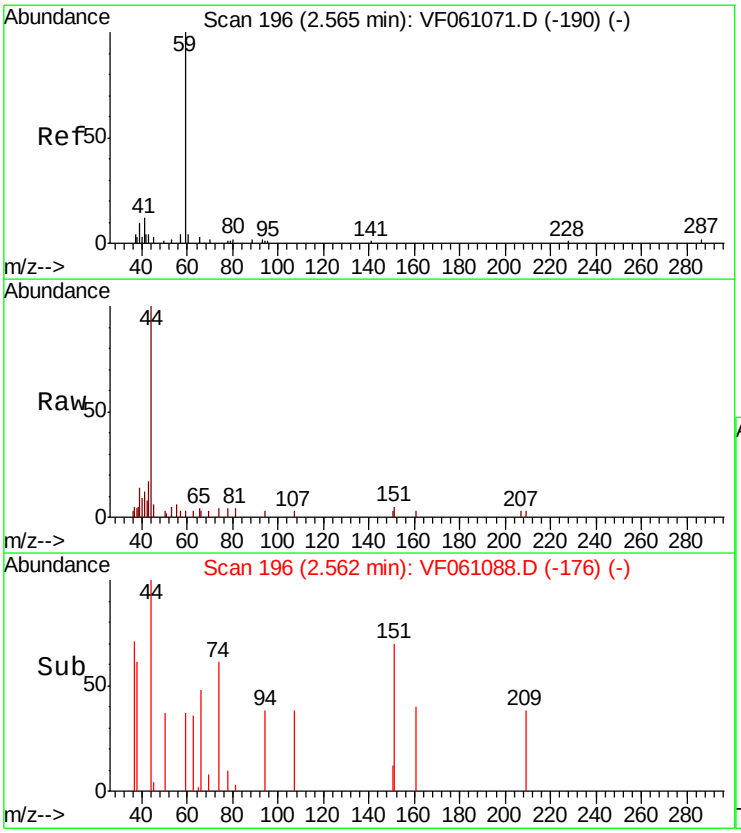
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.00 min
Lab File: VF061088.D
Acq: 19 Dec 2018 16:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 199396

Ion	Ratio	Lower	Upper
168	100		
99	69.2	54.4	81.6

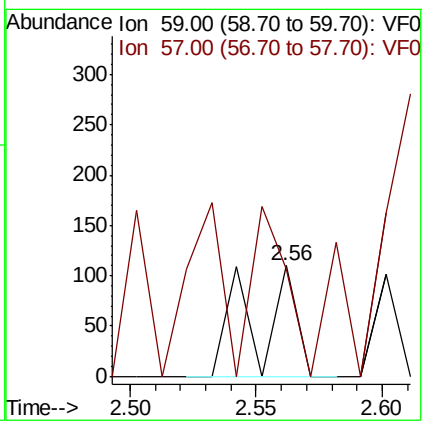


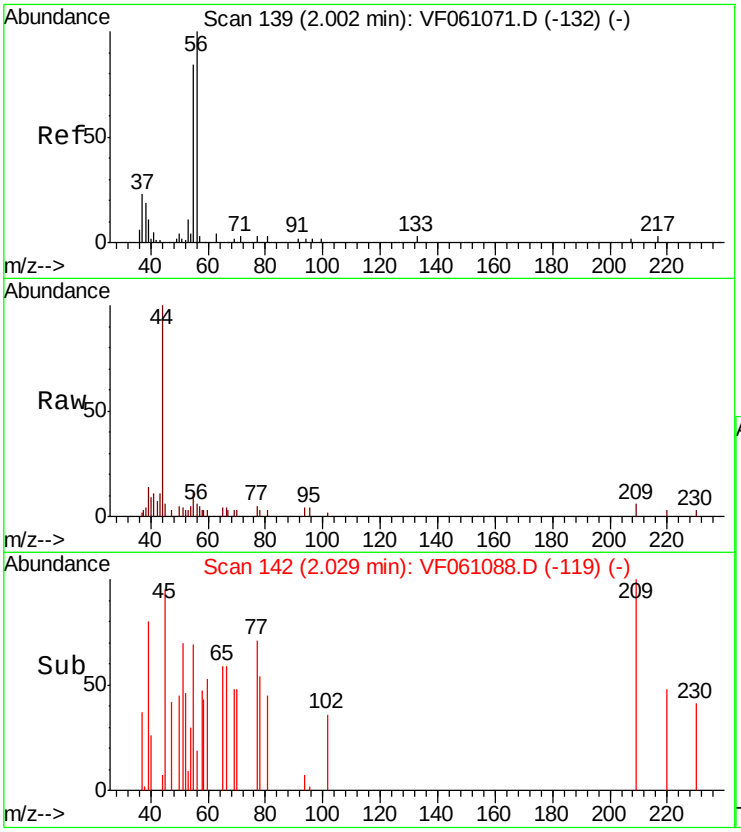


#11
Tert butyl alcohol
Concen: 1.256 ug/l
RT: 2.56 min Scan# 196
Delta R.T. -0.00 min
Lab File: VF061088.D
Acq: 19 Dec 2018 16:43

Tgt Ion: 59 Resp: 130

Ion	Ratio	Lower	Upper
59	100		
57	97.3	11.5	17.3#



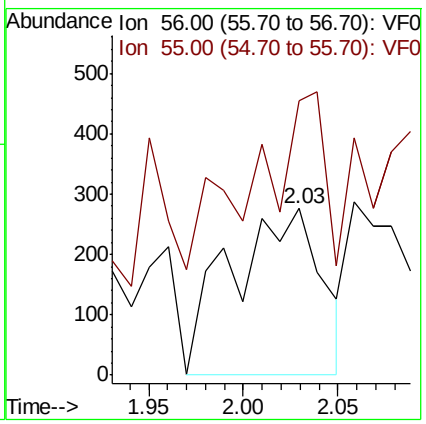


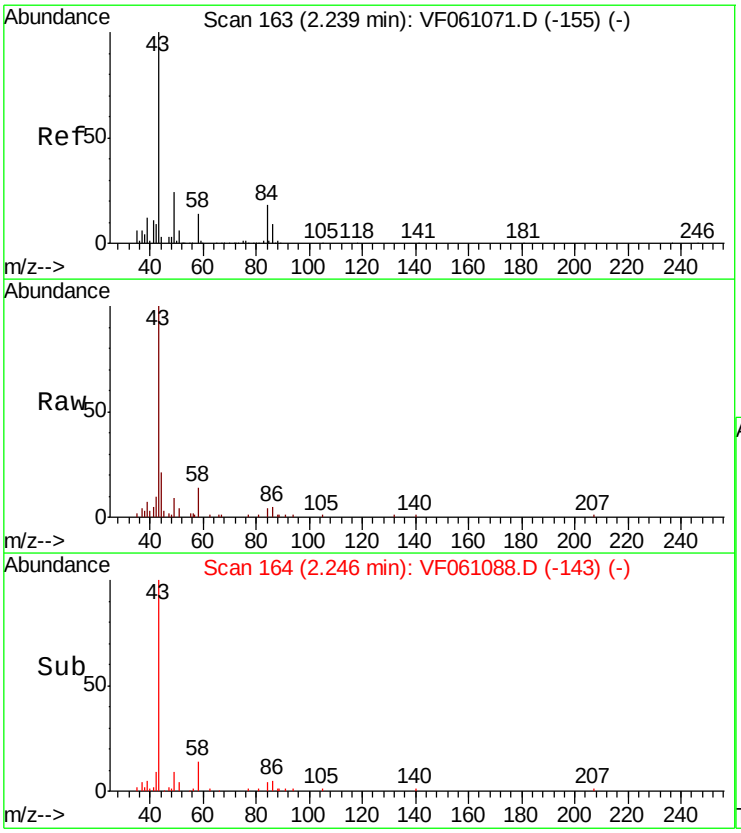
#13
Acrolein
Concen: 12.343 ug/l
RT: 2.03 min Scan# 142
Delta R.T. 0.03 min
Lab File: VF061088.D
Acq: 19 Dec 2018 16:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 923

Ion	Ratio	Lower	Upper
56	100		
55	164.5	70.2	105.2#

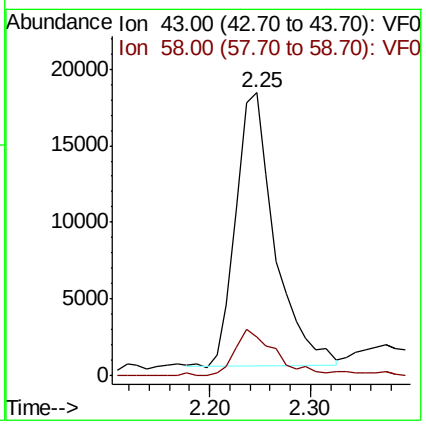


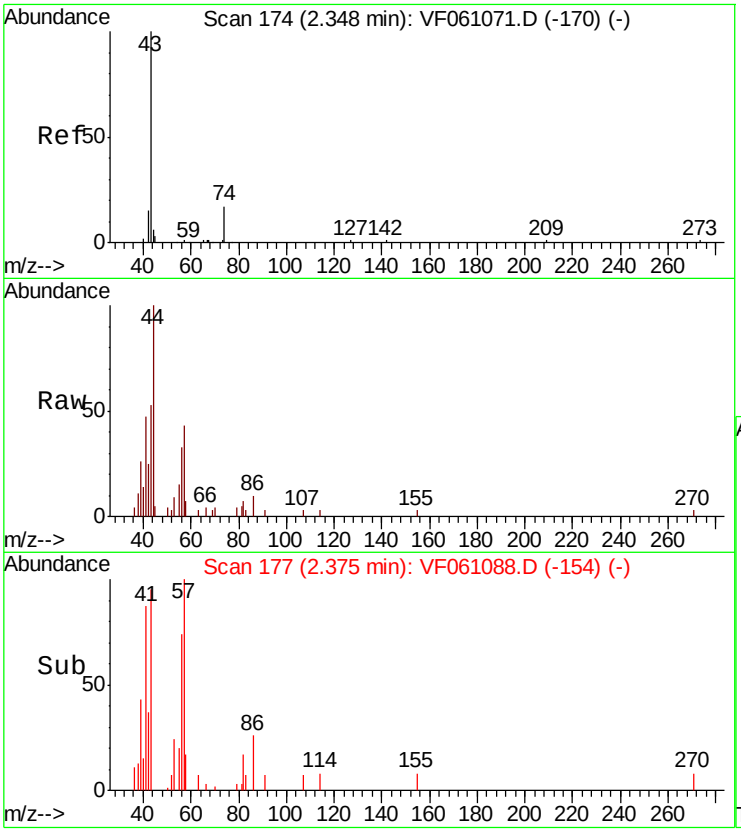


#16
Acetone
Concen: 93.404 ug/l
RT: 2.25 min Scan# 164
Delta R.T. 0.01 min
Lab File: VF061088.D
Acq: 19 Dec 2018 16:43

Tgt Ion: 43 Resp: 47887

Ion	Ratio	Lower	Upper
43	100		
58	13.6	11.1	16.7



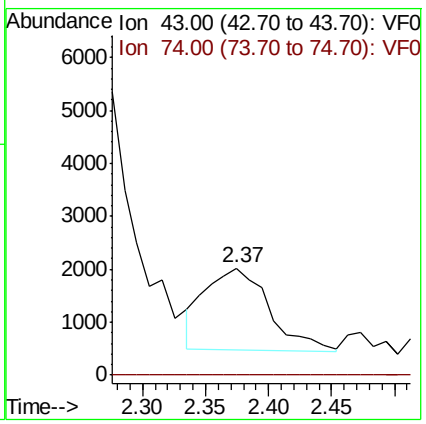


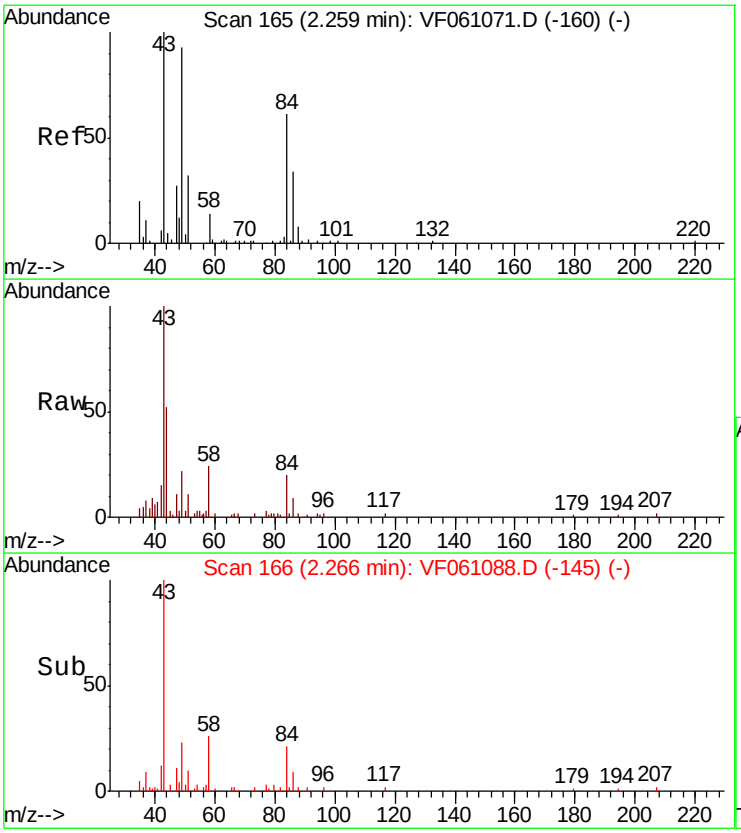
#18
Methyl Acetate
Concen: 5.088 ug/l
RT: 2.37 min Scan# 177
Delta R.T. 0.03 min
Lab File: VF061088.D
Acq: 19 Dec 2018 16:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 5397

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.0	16.6#

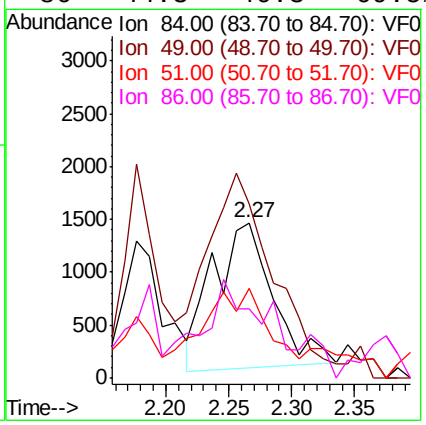


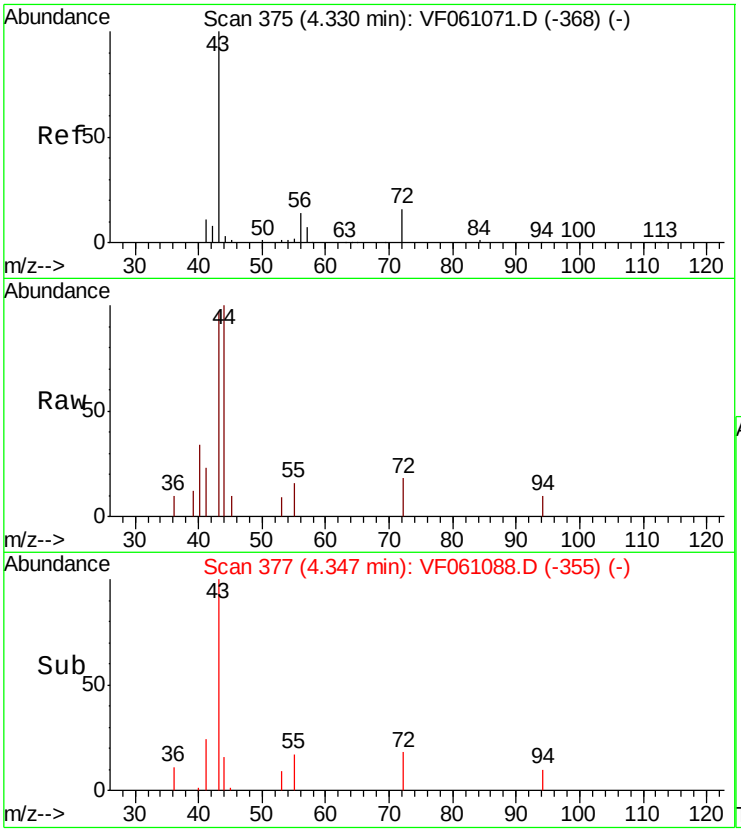


#20
Methylene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 166
Delta R.T. 0.01 min
Lab File: VF061088.D
Acq: 19 Dec 2018 16:43

Tgt Ion: 84 Resp: 4523

Ion	Ratio	Lower	Upper
84	100		
49	112.3	129.4	194.2#
51	58.0	44.0	66.0
86	44.3	46.3	69.5#



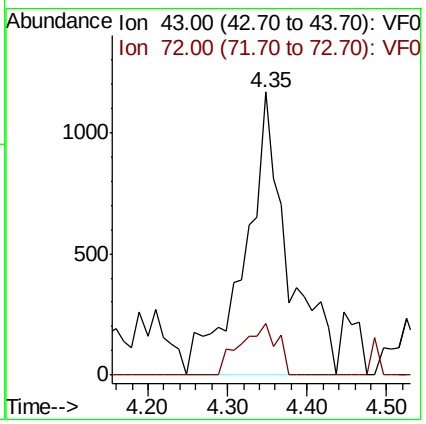


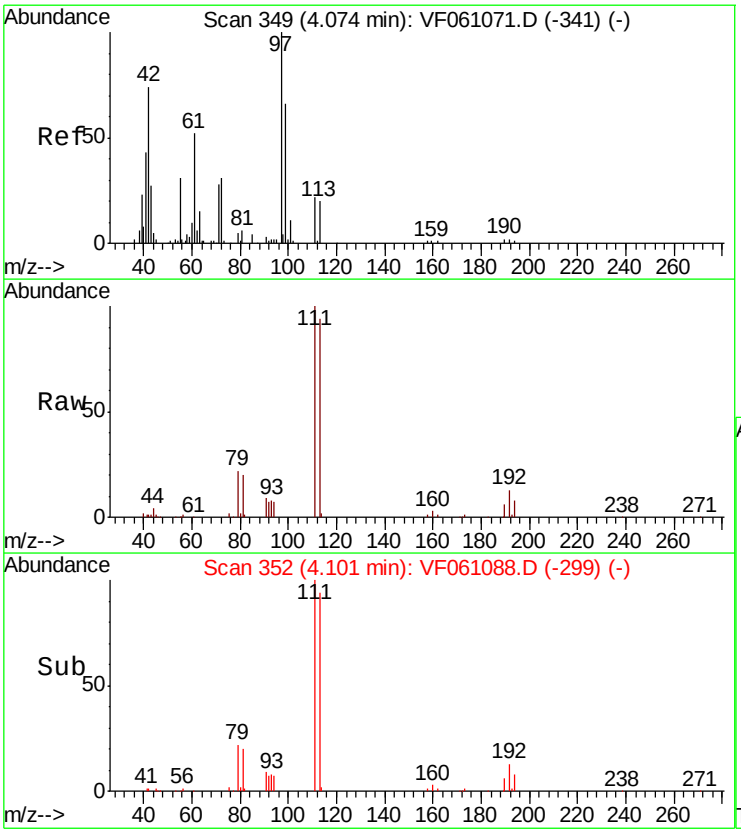
#25
2-Butanone
Concen: 5.241 ug/l
RT: 4.35 min Scan# 377
Delta R.T. 0.02 min
Lab File: VF061088.D
Acq: 19 Dec 2018 16:43

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 4358

Ion	Ratio	Lower	Upper
43	100		
72	18.3	15.6	23.4

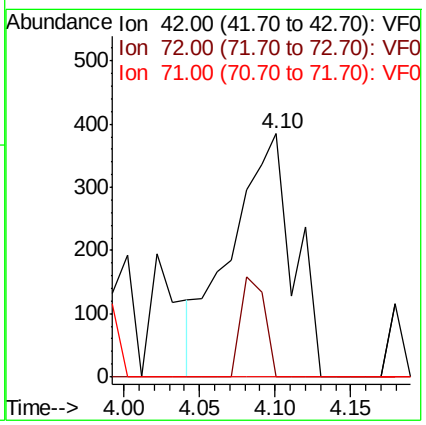


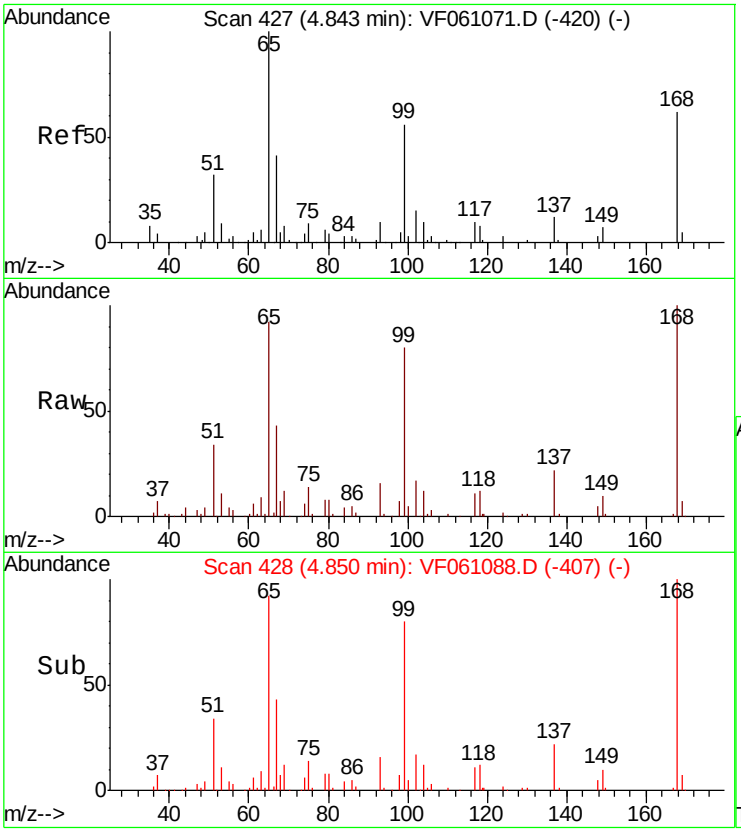


#29
Tetrahydrofuran
Concen: 3.250 ug/l
RT: 4.10 min Scan# 352
Delta R.T. 0.03 min
Lab File: VF061088.D
Acq: 19 Dec 2018 16:43

Tgt Ion: 42 Resp: 1100

Ion	Ratio	Lower	Upper
42	100		
72	15.6	31.8	47.8#
71	0.0	29.7	44.5#



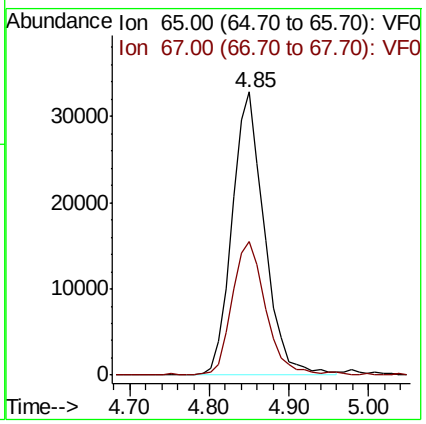


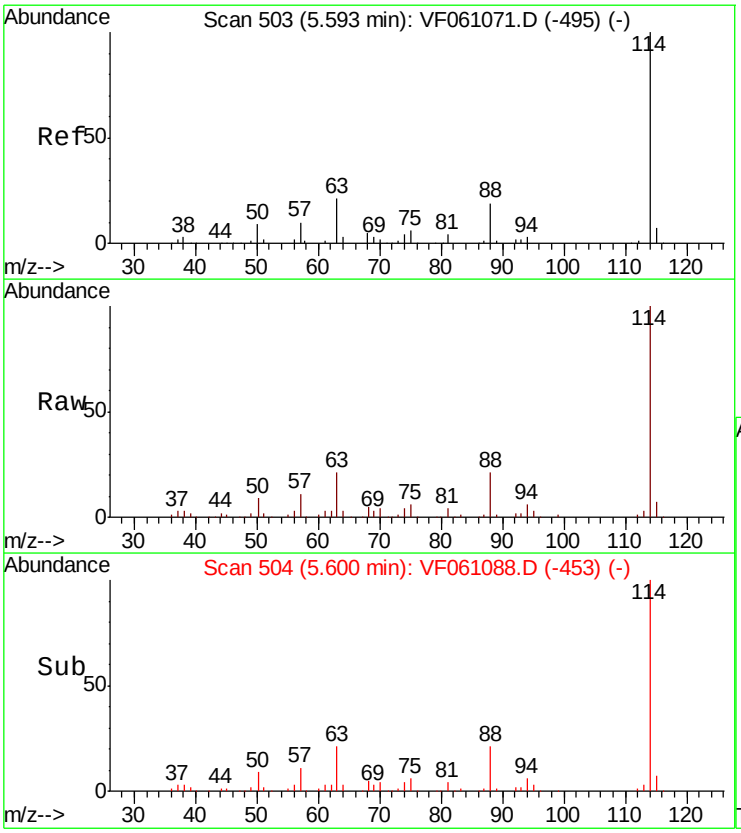
#33
1,2-Dichloroethane-d4
Concen: 36.016 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.01 min
Lab File: VF061088.D
Acq: 19 Dec 2018 16:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 92366

Ion	Ratio	Lower	Upper
65	100		
67	47.1	0.0	94.6

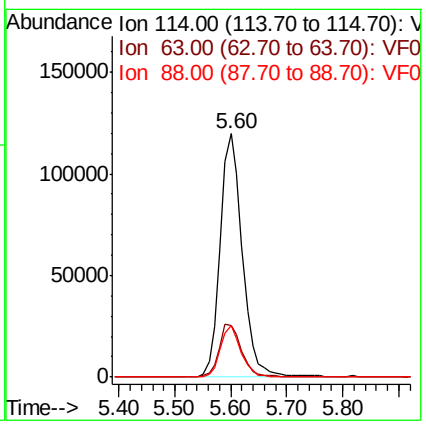


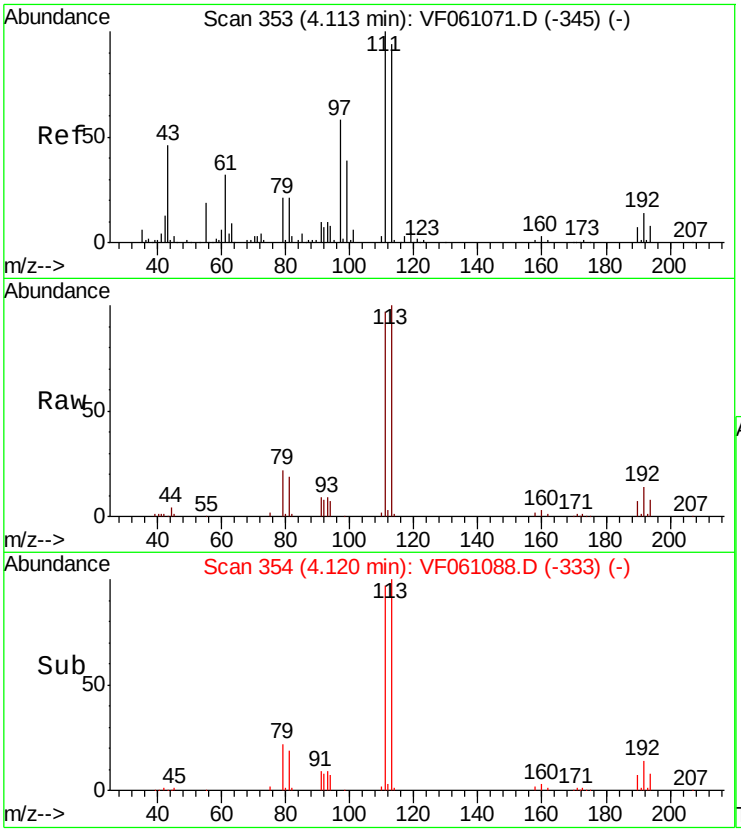


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF061088.D
Acq: 19 Dec 2018 16:43

Tgt Ion:114 Resp: 330387

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.6
88	21.4	0.0	38.0



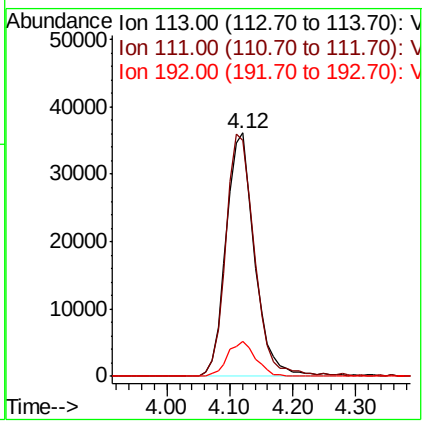


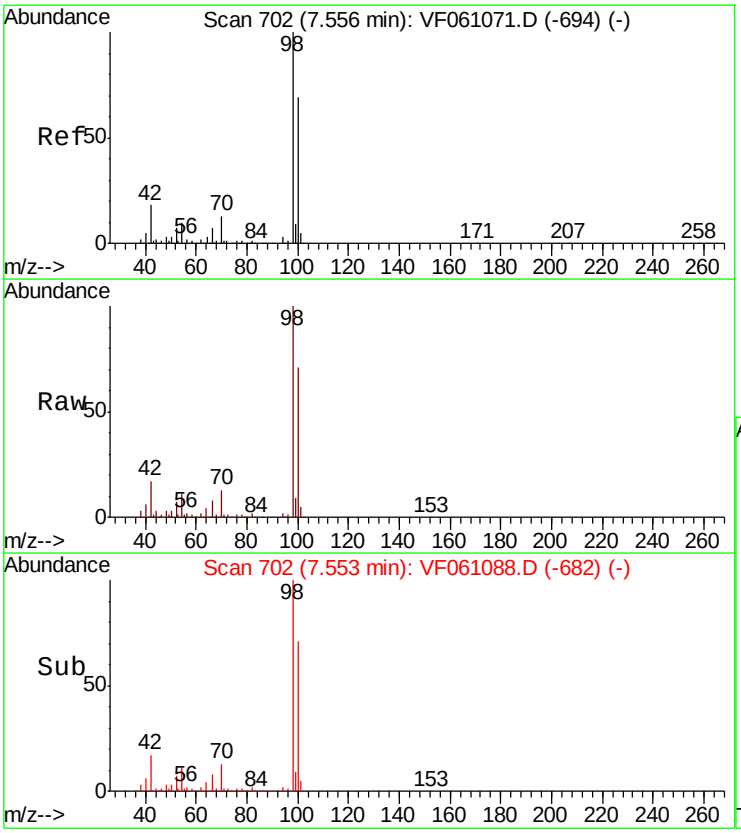
#35
Dibromofluoromethane
Concen: 42.723 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF061088.D
Acq: 19 Dec 2018 16:43

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 113070

Ion	Ratio	Lower	Upper
113	100		
111	96.8	85.2	127.8
192	14.4	12.8	19.2

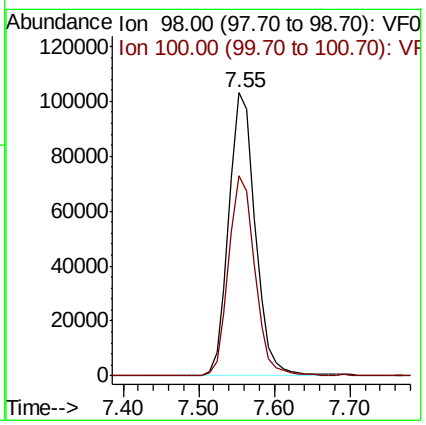


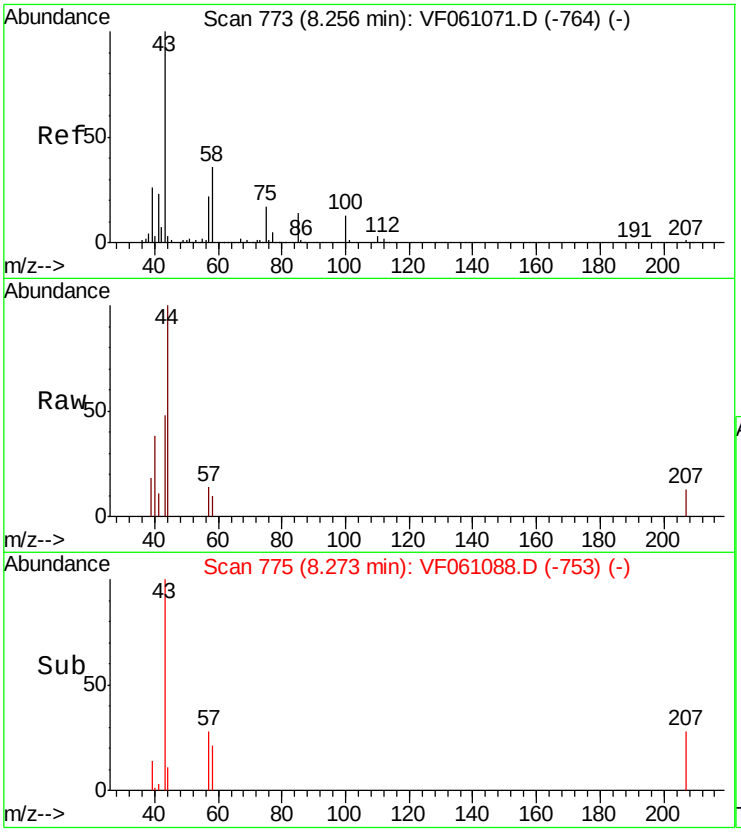


#50
Toluene-d8
Concen: 33.352 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.00 min
Lab File: VF061088.D
Acq: 19 Dec 2018 16:43

Tgt Ion: 98 Resp: 250144

Ion	Ratio	Lower	Upper
98	100		
100	70.9	55.3	82.9



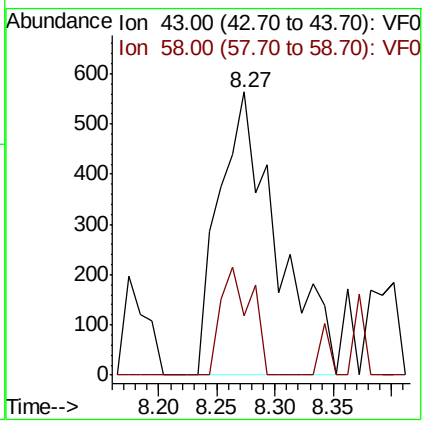


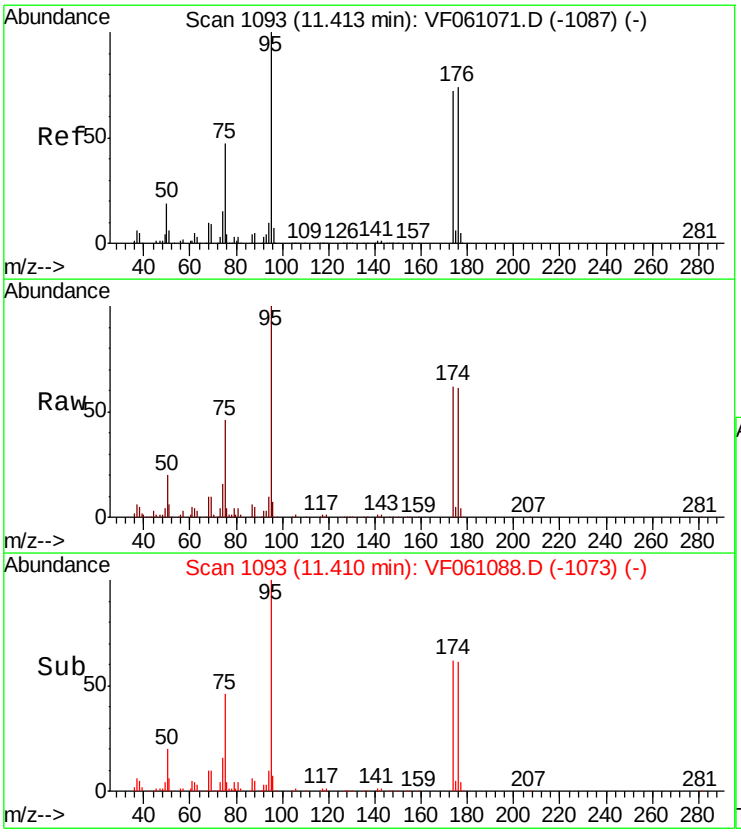
#51
4-Methyl-2-Pentanone
Concen: 1.476 ug/l
RT: 8.27 min Scan# 775
Delta R.T. 0.02 min
Lab File: VF061088.D
Acq: 19 Dec 2018 16:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1949

Ion	Ratio	Lower	Upper
43	100		
58	21.0	29.1	43.7#

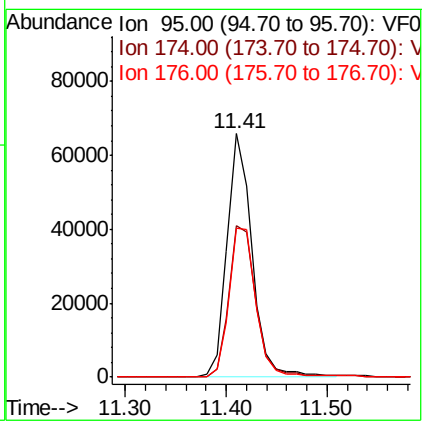


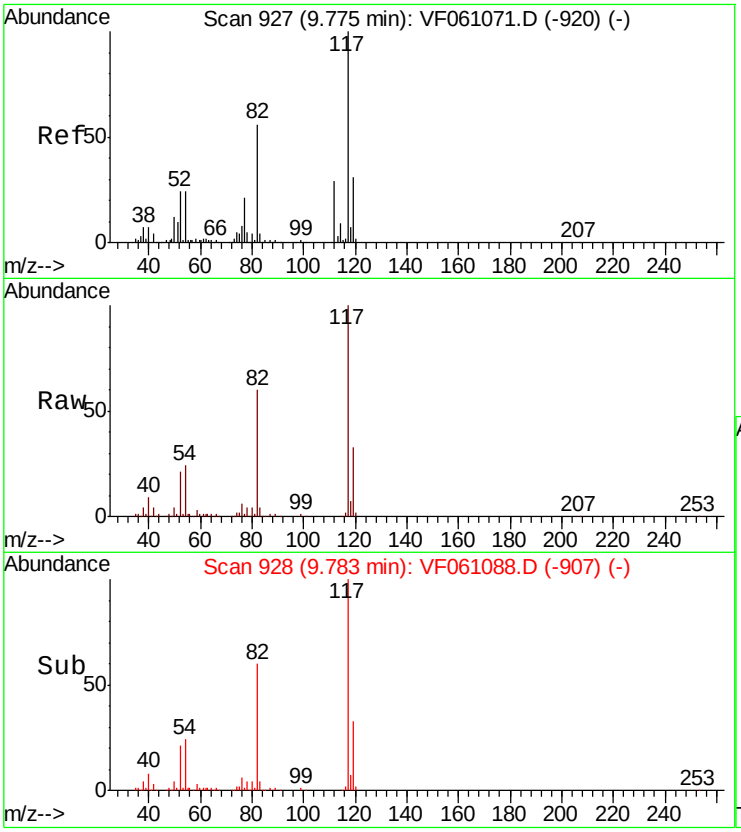


#62
4-Bromofluorobenzene
Concen: 32.763 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF061088.D
Acq: 19 Dec 2018 16:43

Tgt Ion: 95 Resp: 113282

Ion	Ratio	Lower	Upper
95	100		
174	62.0	0.0	143.8
176	61.1	0.0	147.6



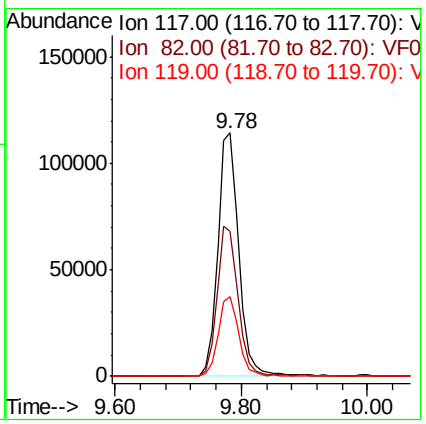


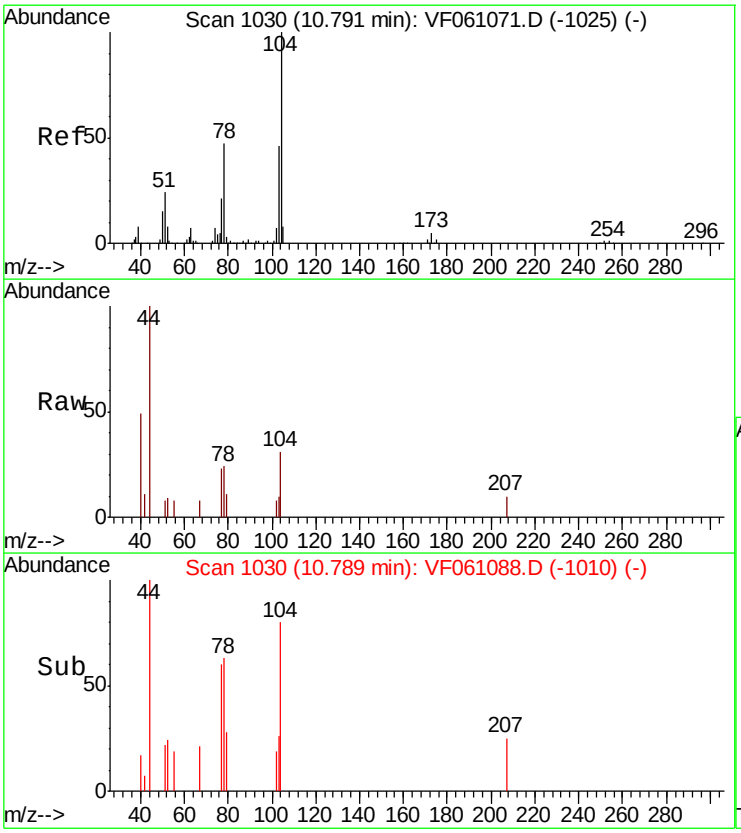
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF061088.D
Acq: 19 Dec 2018 16:43

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 267344

Ion	Ratio	Lower	Upper
117	100		
82	59.7	45.0	67.4
119	32.9	24.8	37.2

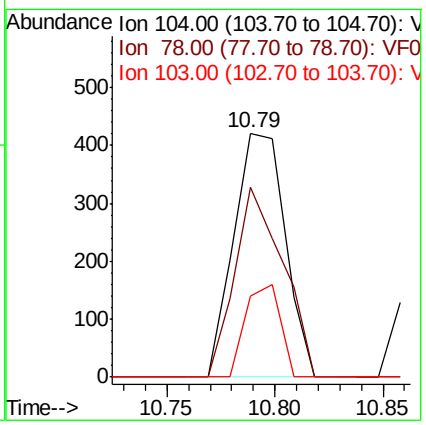


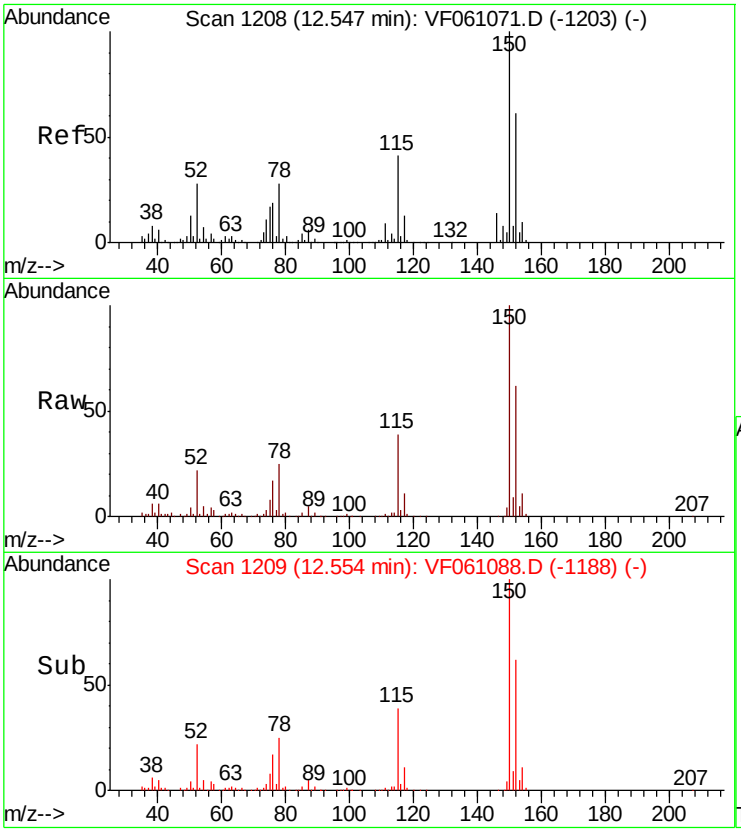


#70
Styrene
Concen: Below Cal
RT: 10.79 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VF061088.D
Acq: 19 Dec 2018 16:43

Tgt Ion:104 Resp: 693

Ion	Ratio	Lower	Upper
104	100		
78	78.1	38.4	57.6#
103	33.0	37.0	55.6#



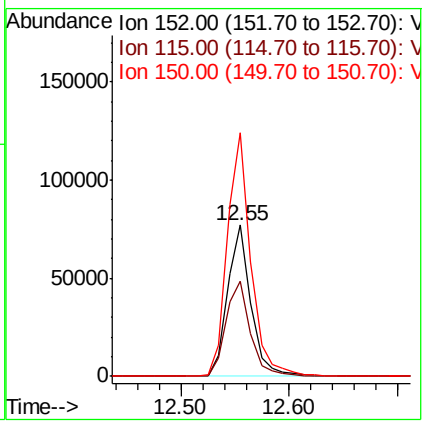


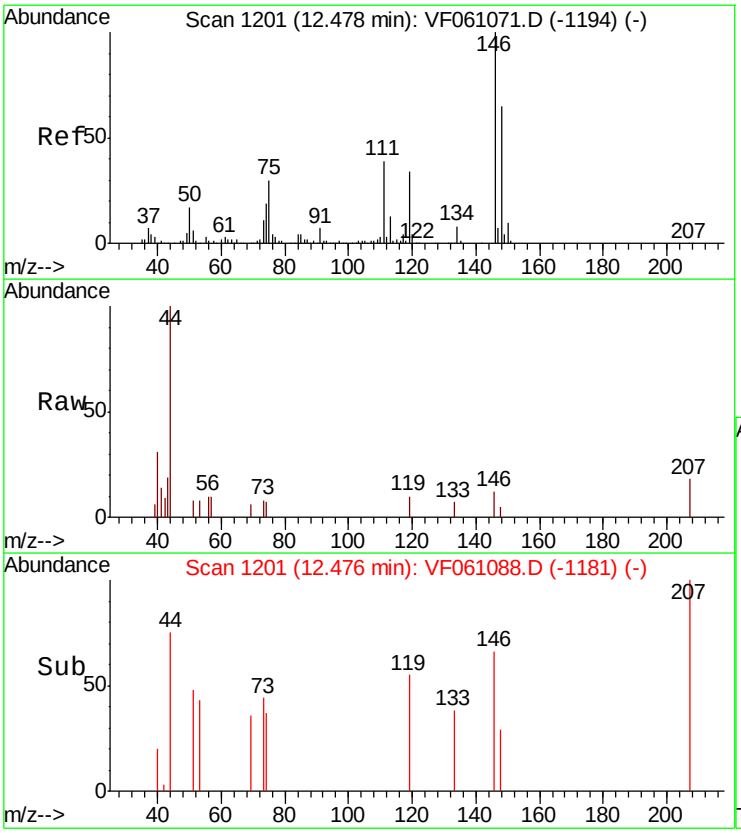
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061088.D
Acq: 19 Dec 2018 16:43

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 116718

Ion	Ratio	Lower	Upper
152	100		
115	62.6	33.3	99.9
150	160.9	0.0	328.2





#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.48 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VF061088.D
Acq: 19 Dec 2018 16:43

Tgt Ion:146 Resp: 332

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.3	57.9#
148	44.0	32.4	97.2