Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121918\
Data File : VF061096.D
Acq On : 19 Dec 2018 20:32
Operator : VA/AP
Sample : J6388-16
Misc : 5.59g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 20 02:25:42 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	156661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	265050	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	205542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	73160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	92230	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.54%			
35) Dibromofluoromethane	4.11	113	104623	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.56%			
50) Toluene-d8	7.55	98	226184	37.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.18%			
62) 4-Bromofluorobenzene	11.42	95	84232	30.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 60.74%			
Target Compounds						Qvalue
13) Acrolein	1.88	56	298	5.072	ug/l	95
15) Acrylonitrile	2.95	53	462	2.457	ug/l #	79
16) Acetone	2.23	43	57806	143.508	ug/l #	86
18) Methyl Acetate	2.38	43	3581	4.297	ug/l #	66
20) Methylene Chloride	2.17	84	2236	Below Cal		88
25) 2-Butanone	4.34	43	5796	8.872	ug/l #	82
29) Tetrahydrofuran	4.10	42	953	3.584	ug/l #	56
37) Ethyl Acetate	4.22	43	138	Below Cal #		21
49) 1,4-Dioxane	6.46	88	88	11.246	ug/l #	32
51) 4-Methyl-2-Pentanone	8.26	43	2451	2.313	ug/l	89
59) 2-Hexanone	9.49	43	1706	2.227	ug/l	80
70) Styrene	10.80	104	278	Below Cal #		38
78) n-propylbenzene	11.61	91	285	Below Cal #		55
87) 1,3-Dichlorobenzene	12.48	146	60	Below Cal #		25

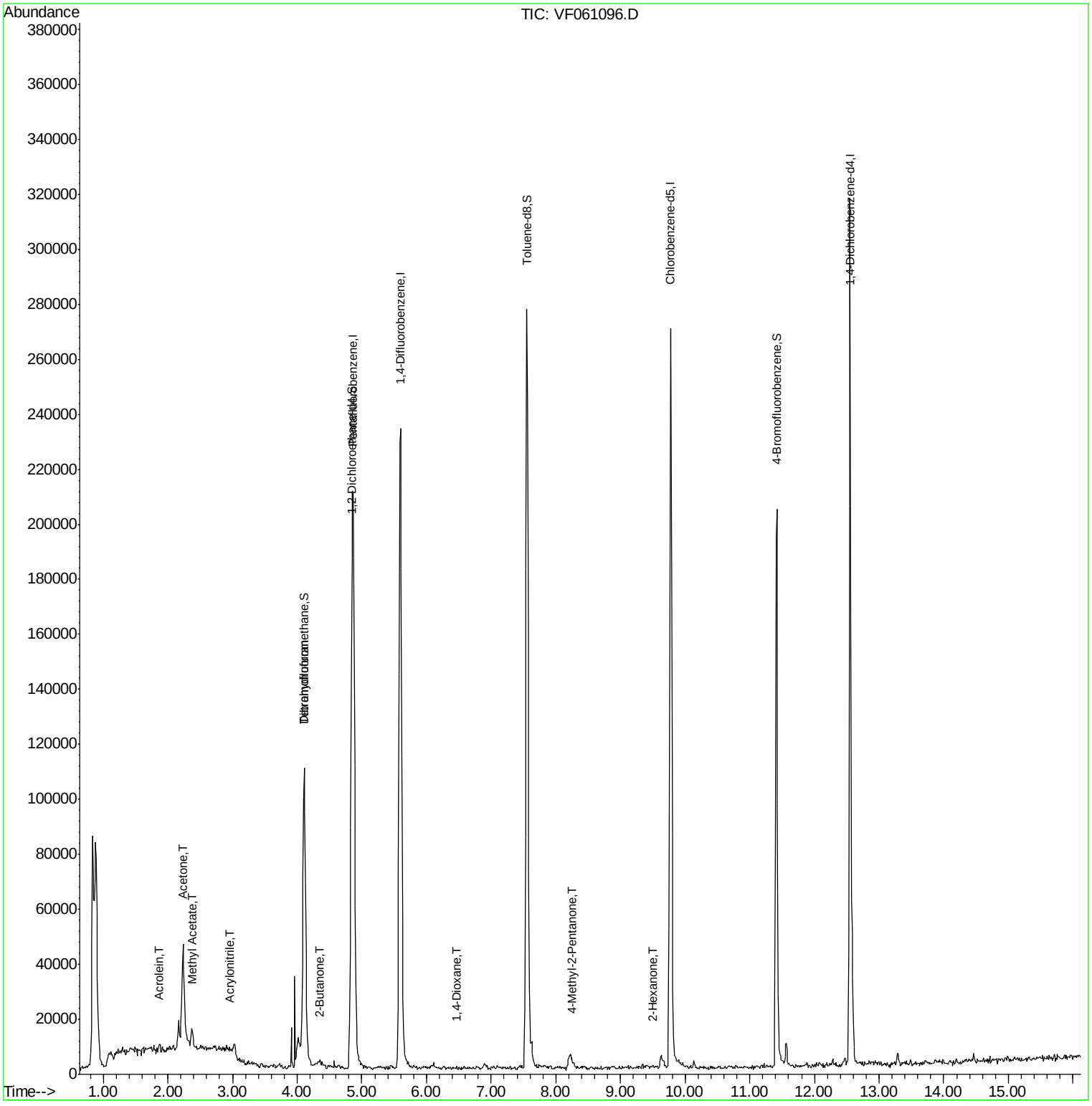
(#) = qualifier out of range (m) = manual integration (+) = signals summed

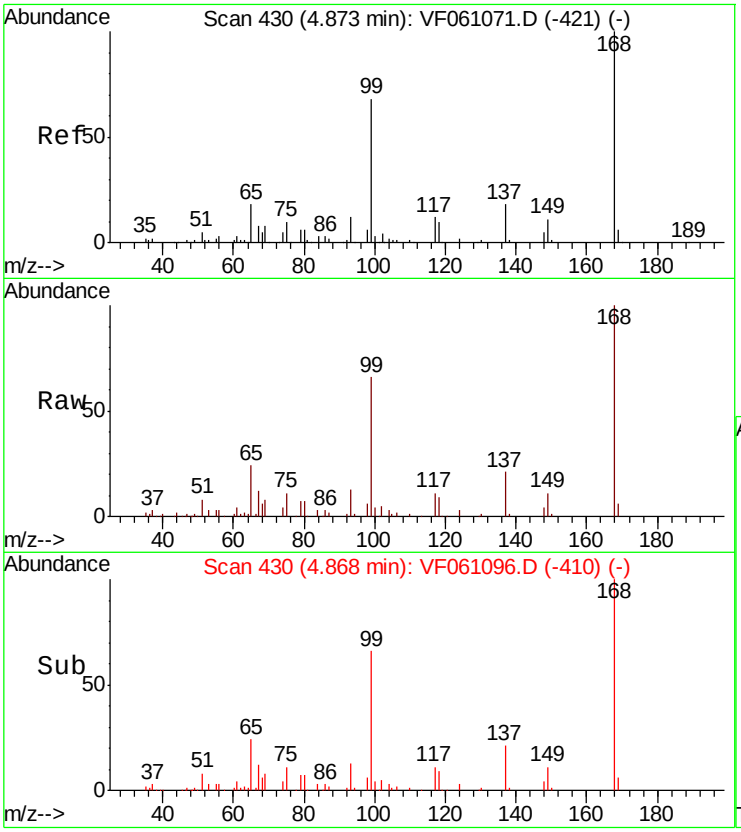
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121918\
Data File : VF061096.D
Acq On : 19 Dec 2018 20:32
Operator : VA/AP
Sample : J6388-16
Misc : 5.59g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 20 02:25:42 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



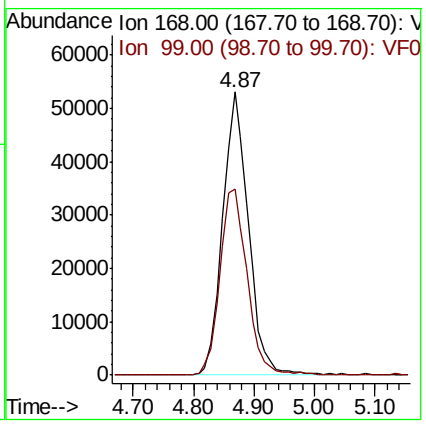


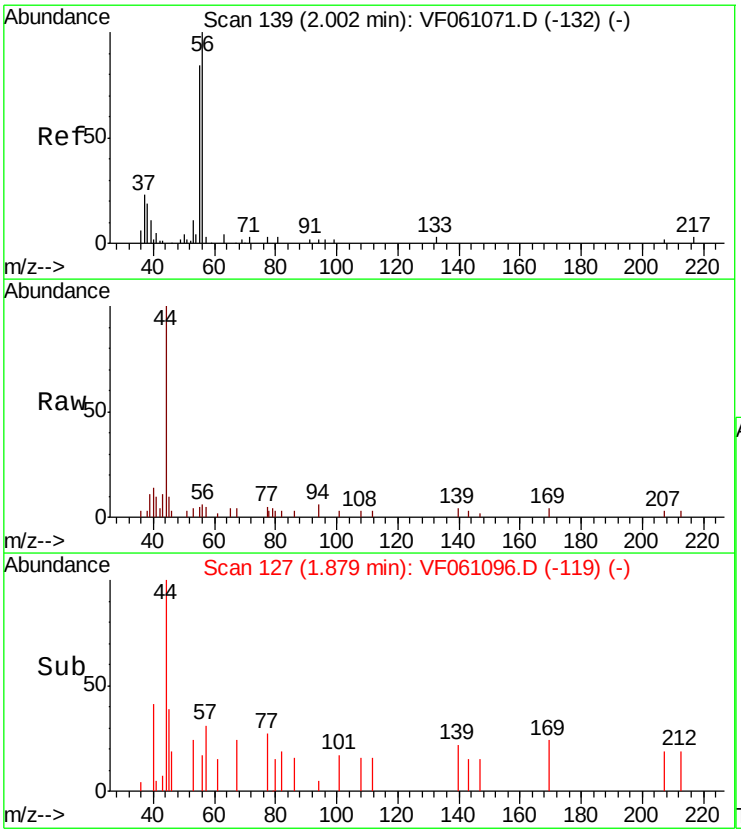
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.01 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 156661

Ion	Ratio	Lower	Upper
168	100		
99	65.7	54.4	81.6

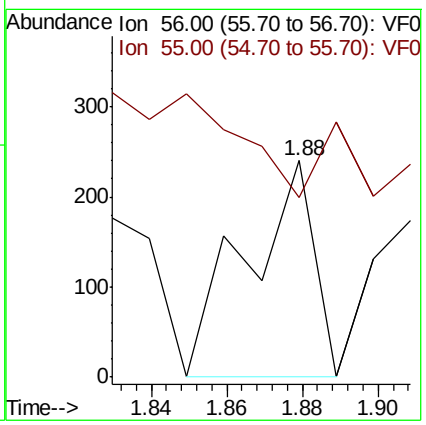


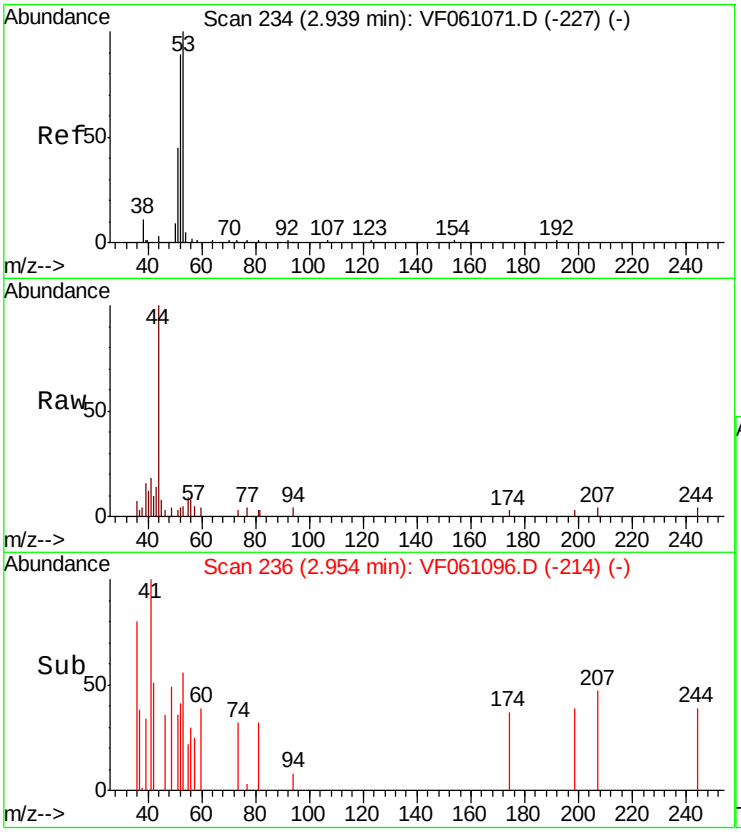


#13
Acrolein
Concen: 5.072 ug/l
RT: 1.88 min Scan# 127
Delta R.T. -0.12 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Tgt Ion: 56 Resp: 298

Ion	Ratio	Lower	Upper
56	100		
55	83.3	70.2	105.2



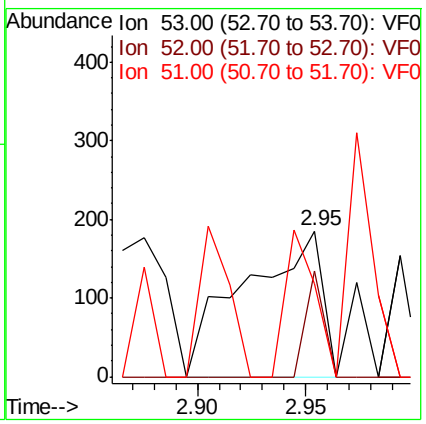


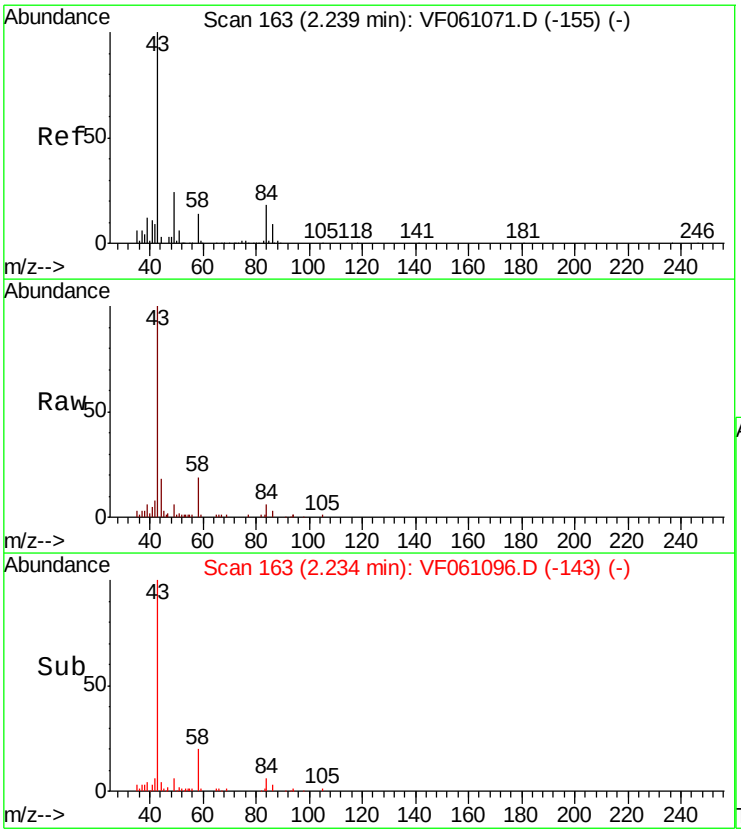
#15
Acrylonitrile
Concen: 2.457 ug/l
RT: 2.95 min Scan# 236
Delta R.T. 0.01 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 462

Ion	Ratio	Lower	Upper
53	100		
52	72.4	71.3	106.9
51	63.8	36.8	55.2#

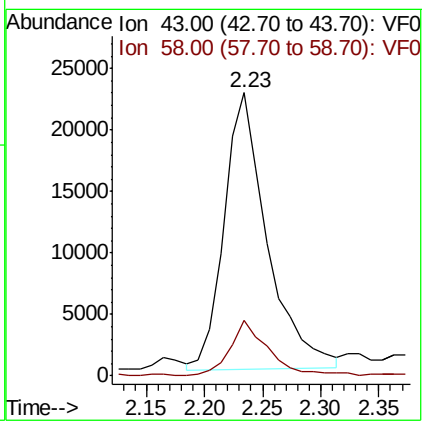


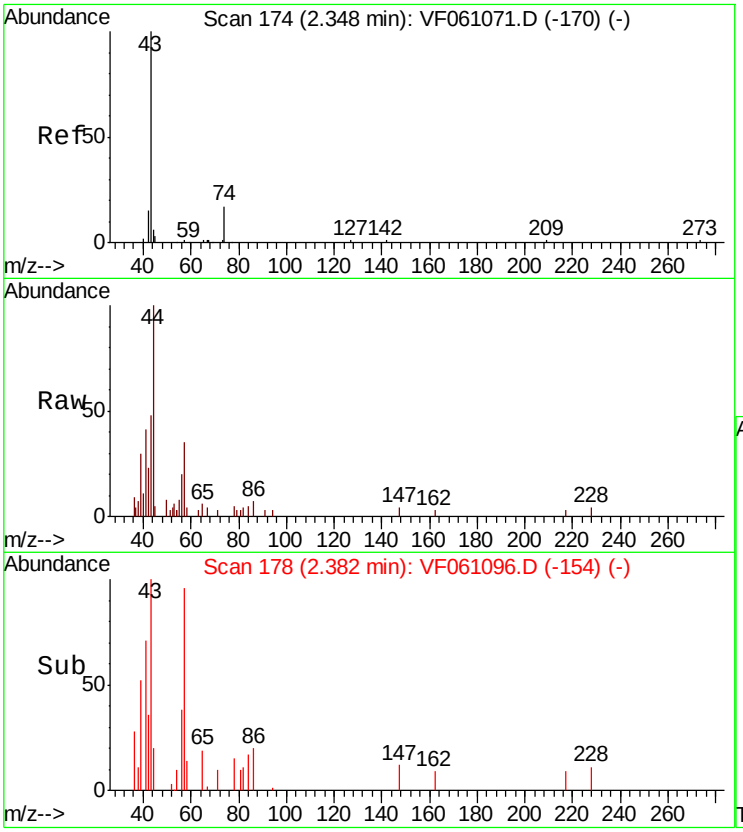


#16
Acetone
Concen: 143.508 ug/l
RT: 2.23 min Scan# 163
Delta R.T. -0.01 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Tgt Ion: 43 Resp: 57806

Ion	Ratio	Lower	Upper
43	100		
58	19.4	11.1	16.7#



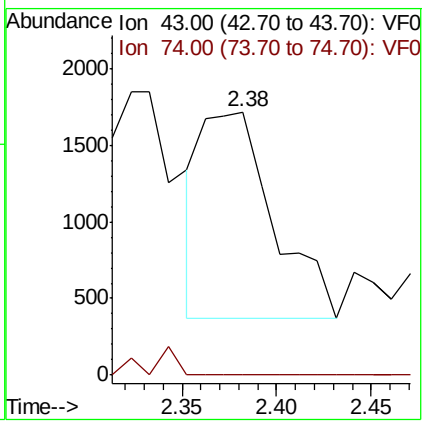


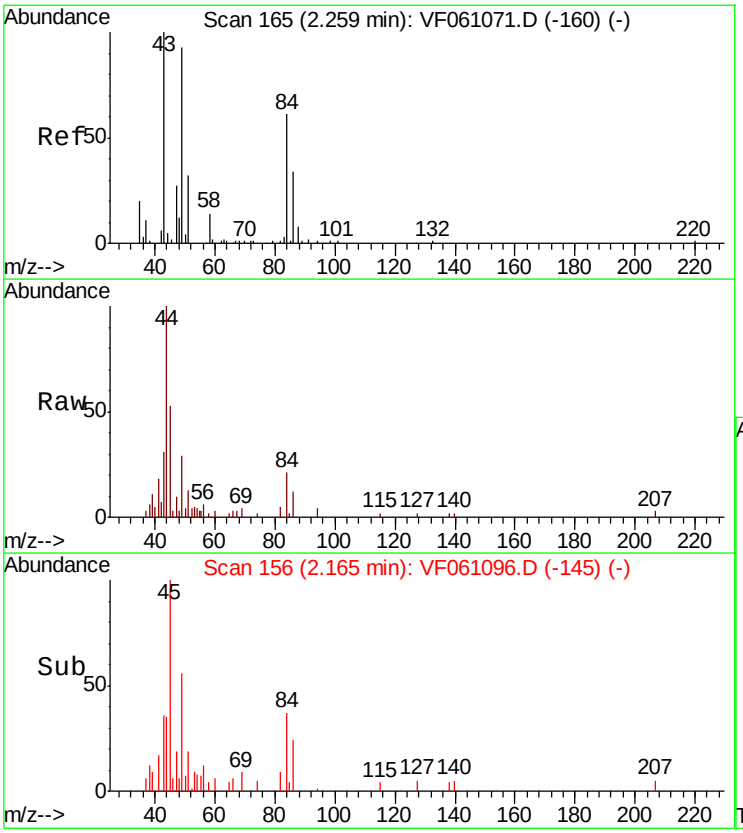
#18
Methyl Acetate
Concen: 4.297 ug/l
RT: 2.38 min Scan# 178
Delta R.T. 0.03 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3581

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.0	16.6#

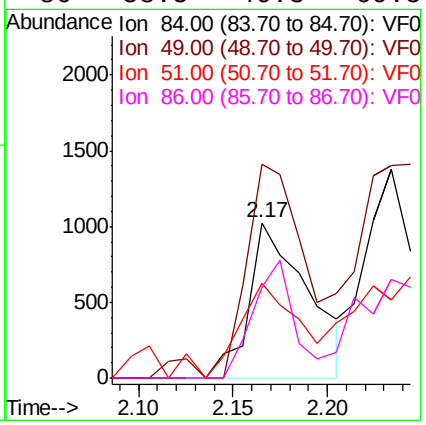


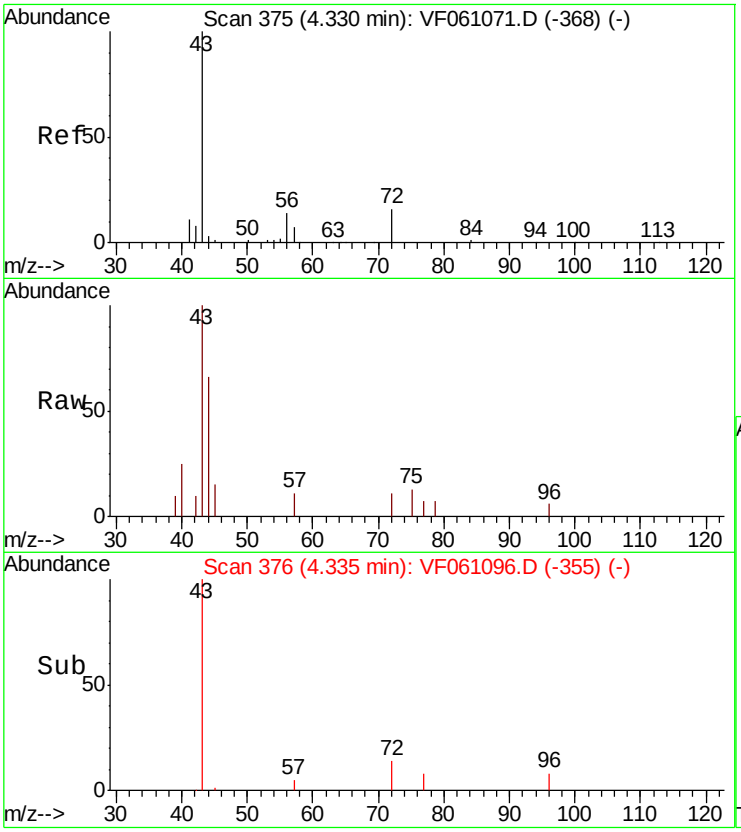


#20
Methylene Chloride
Concen: Below Cal
RT: 2.17 min Scan# 156
Delta R.T. -0.09 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Tgt Ion: 84 Resp: 2236

Ion	Ratio	Lower	Upper
84	100		
49	137.7	129.4	194.2
51	60.9	44.0	66.0
86	58.5	46.3	69.5



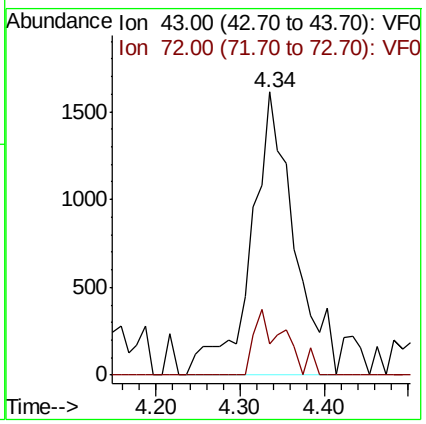


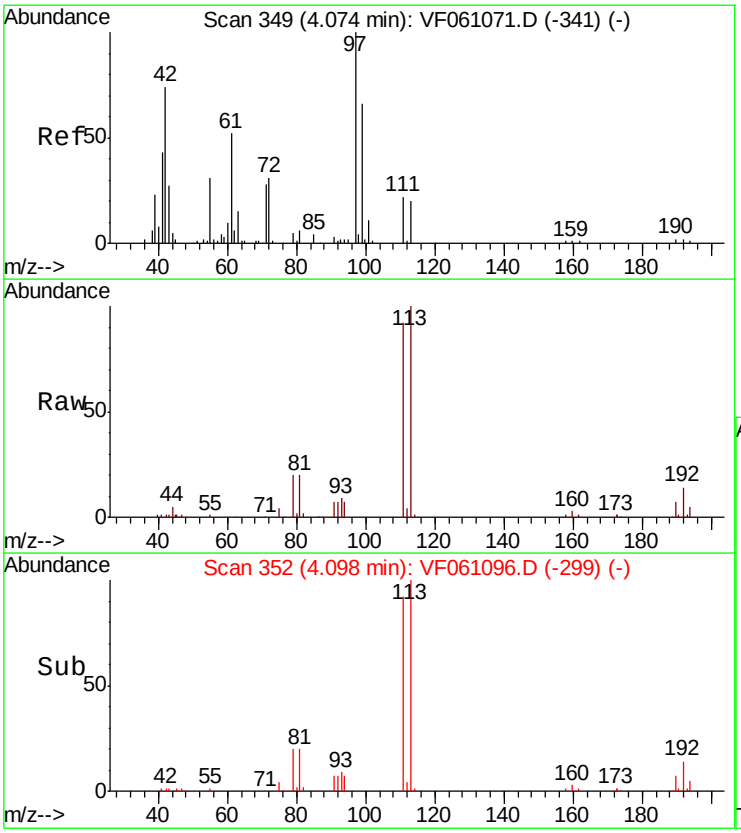
#25
2-Butanone
Concen: 8.872 ug/l
RT: 4.34 min Scan# 376
Delta R.T. 0.00 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 5796

Ion	Ratio	Lower	Upper
43	100		
72	11.1	15.6	23.4#

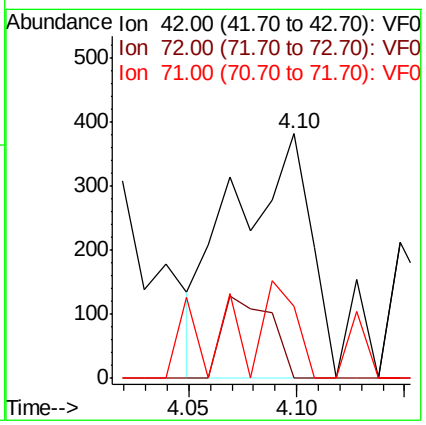


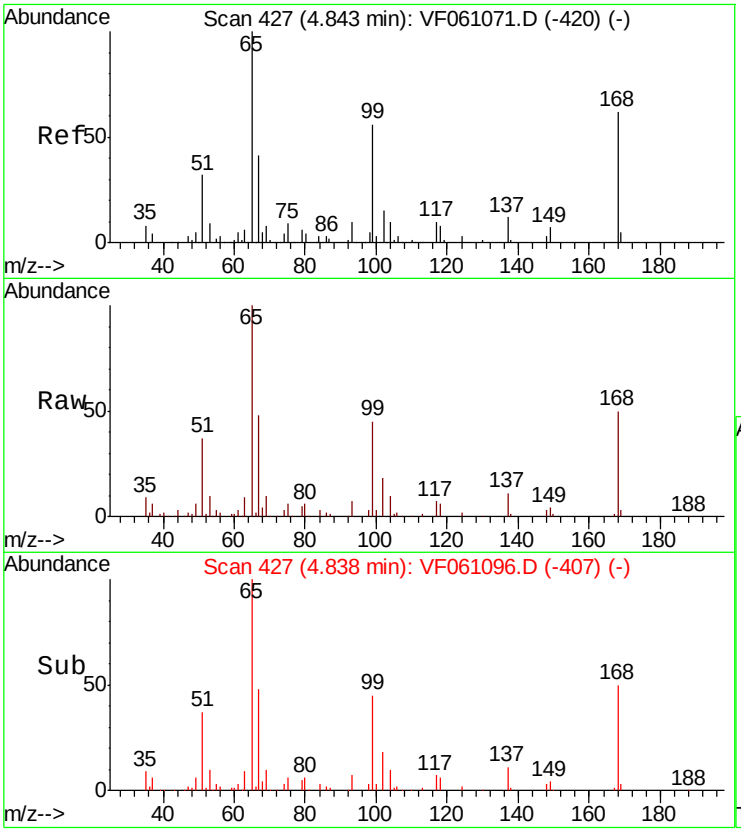


#29
Tetrahydrofuran
Concen: 3.584 ug/l
RT: 4.10 min Scan# 352
Delta R.T. 0.02 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Tgt Ion: 42 Resp: 953

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.8	47.8#
71	24.6	29.7	44.5#



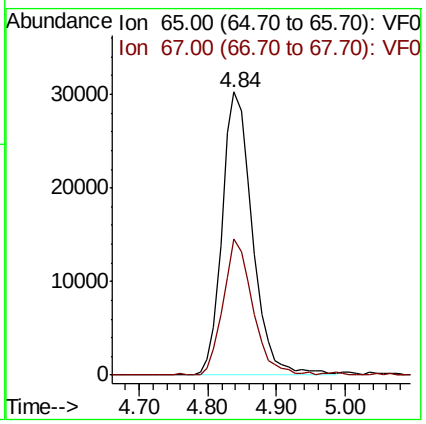


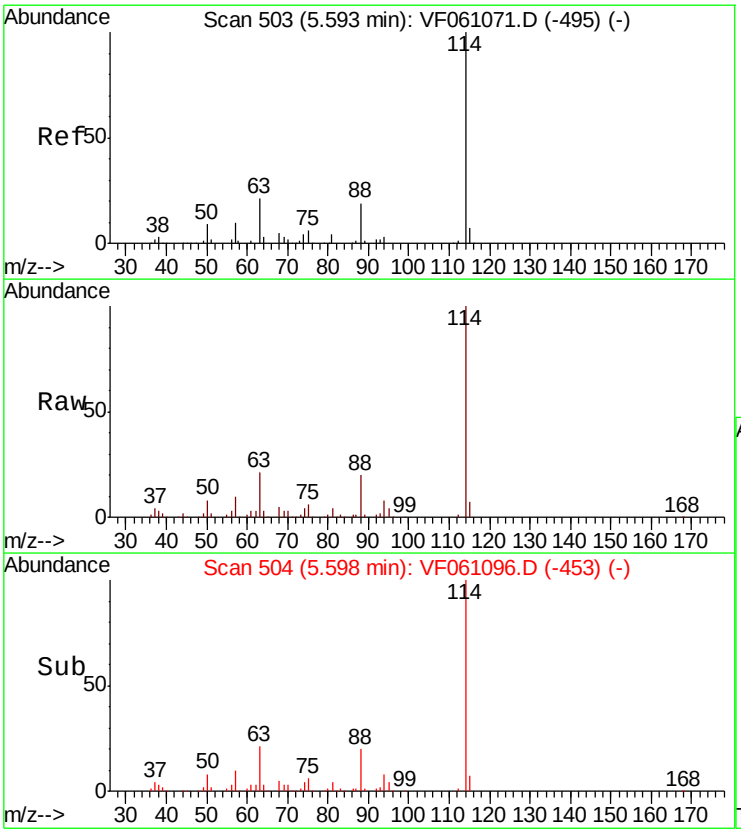
#33
1,2-Dichloroethane-d4
Concen: 45.773 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.01 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 92230

Ion	Ratio	Lower	Upper
65	100		
67	48.3	0.0	94.6

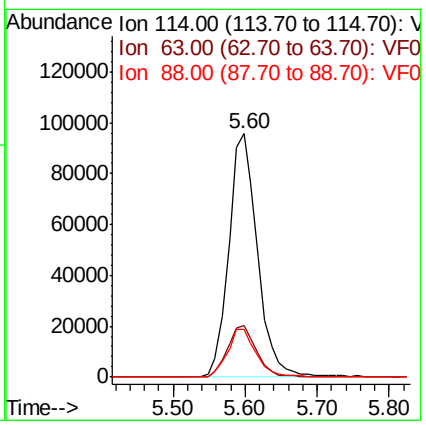


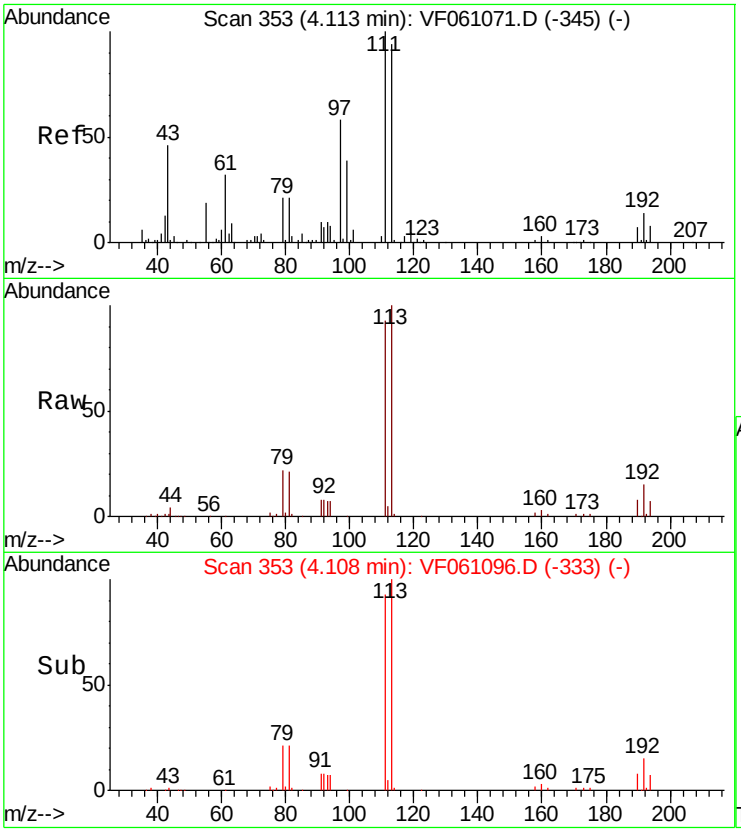


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.00 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Tgt Ion:114 Resp: 265050

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.6
88	19.8	0.0	38.0



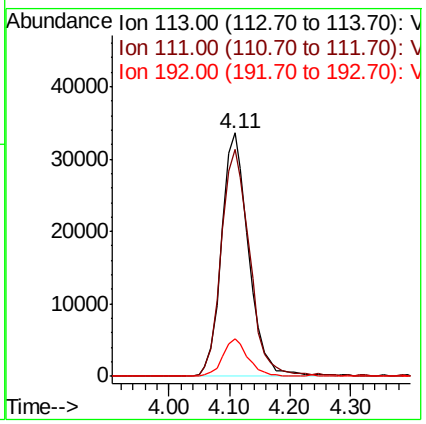


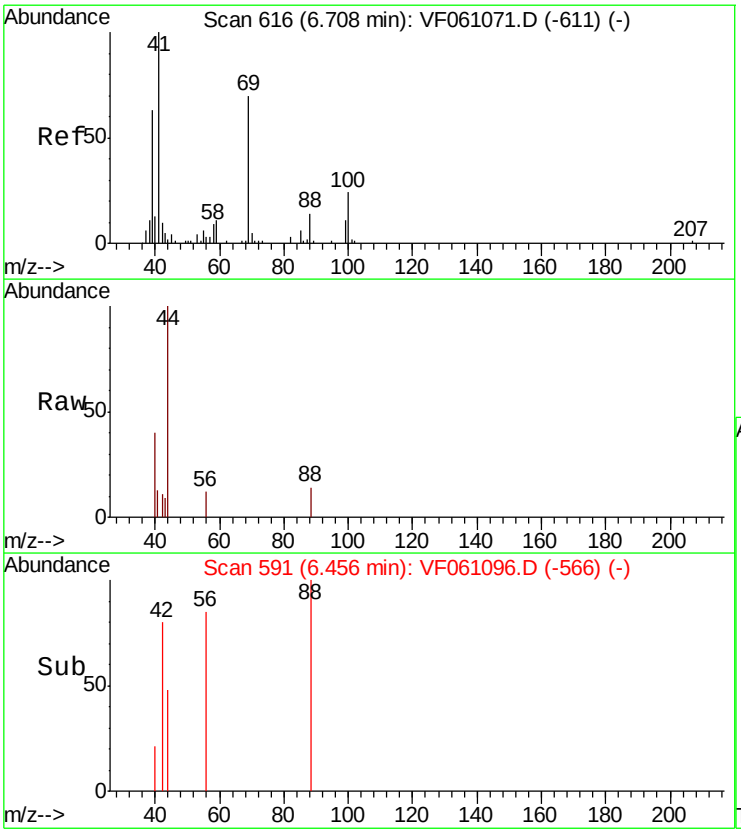
#35
Dibromofluoromethane
Concen: 49.276 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.01 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 104623

Ion	Ratio	Lower	Upper
113	100		
111	93.5	85.2	127.8
192	16.0	12.8	19.2

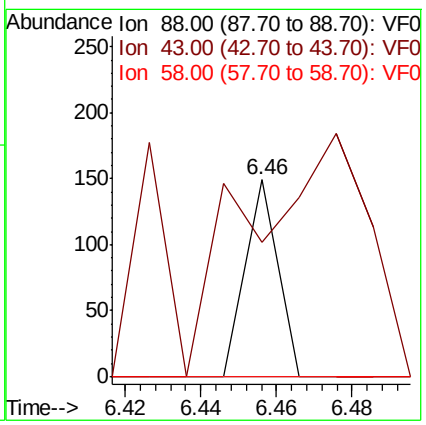


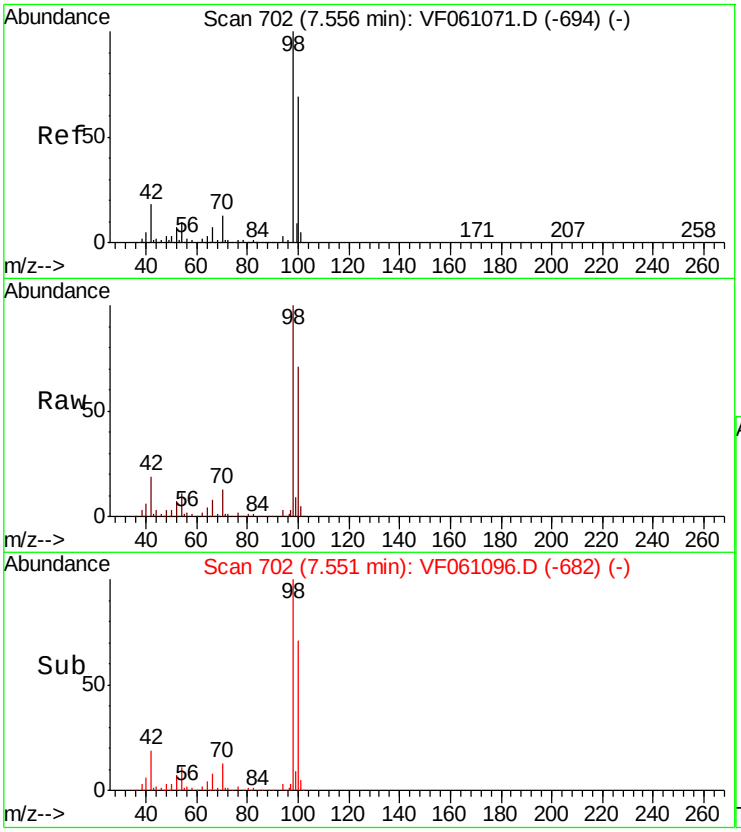


#49
1,4-Dioxane
Concen: 11.246 ug/l
RT: 6.46 min Scan# 591
Delta R.T. -0.25 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Tgt Ion: 88 Resp: 88

Ion	Ratio	Lower	Upper
88	100		
43	68.5	33.3	49.9#
58	0.0	53.2	79.8#



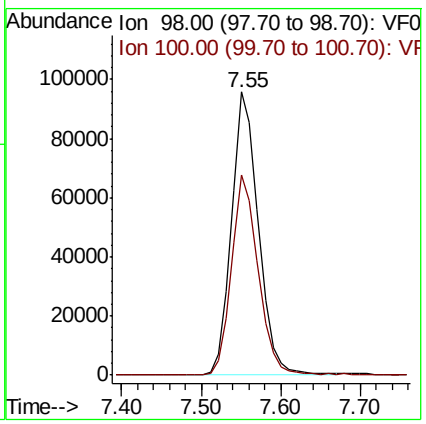


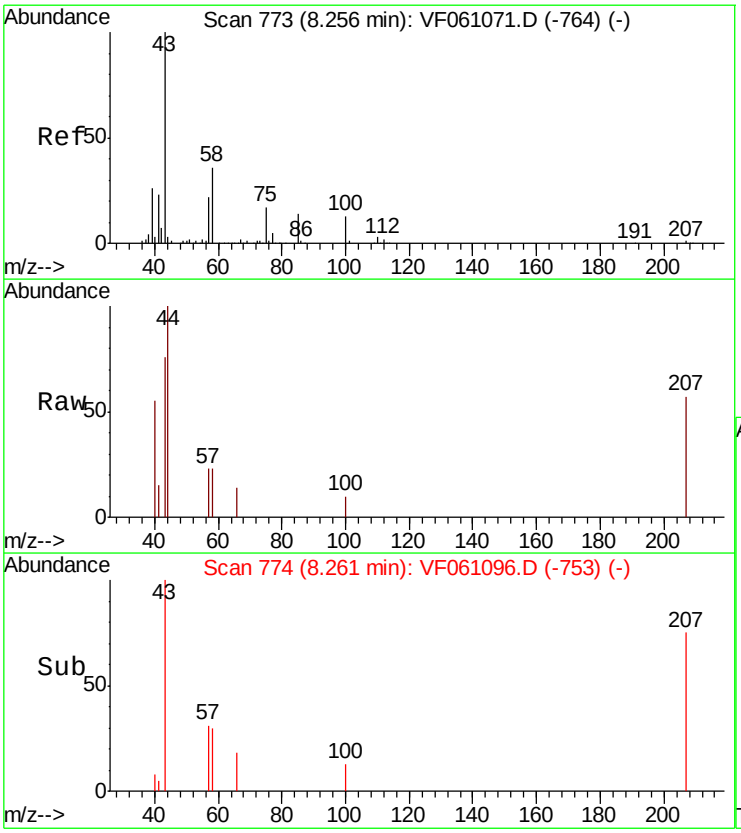
#50
Toluene-d8
Concen: 37.591 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 226184

Ion	Ratio	Lower	Upper
98	100		
100	70.9	55.3	82.9

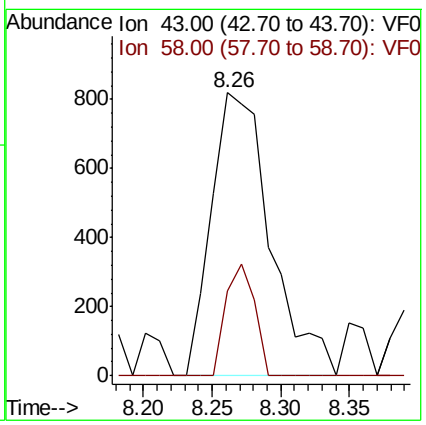


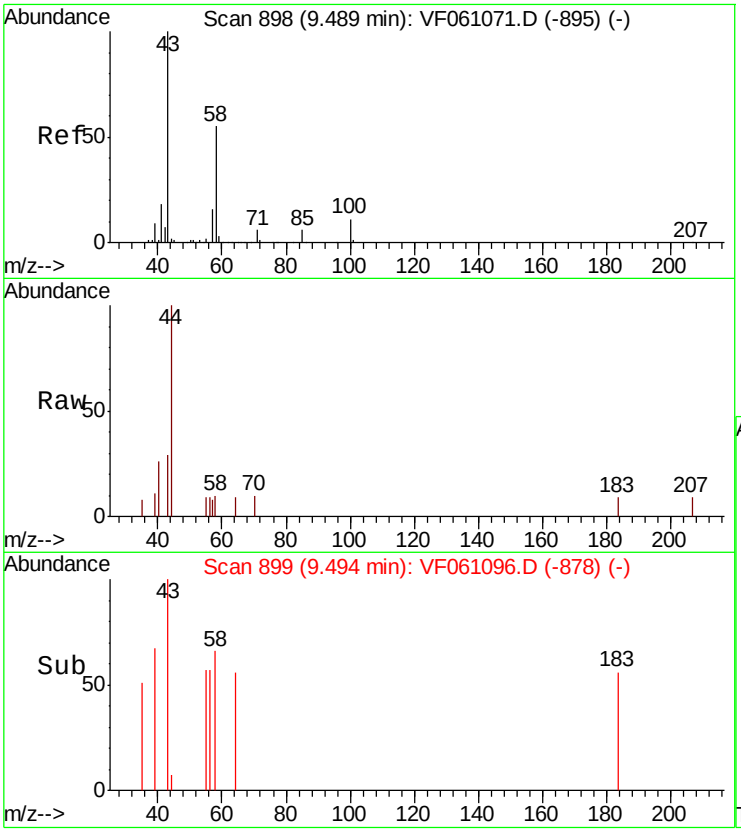


#51
4-Methyl-2-Pentanone
Concen: 2.313 ug/l
RT: 8.26 min Scan# 774
Delta R.T. 0.00 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Tgt Ion: 43 Resp: 2451

Ion	Ratio	Lower	Upper
43	100		
58	29.8	29.1	43.7



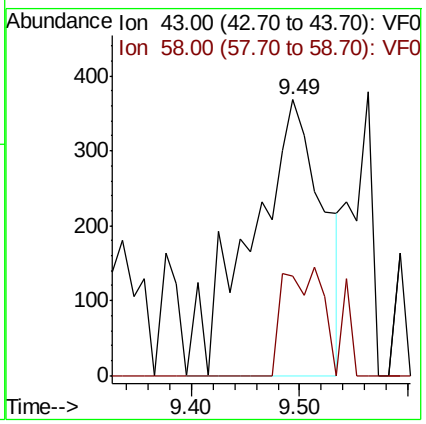


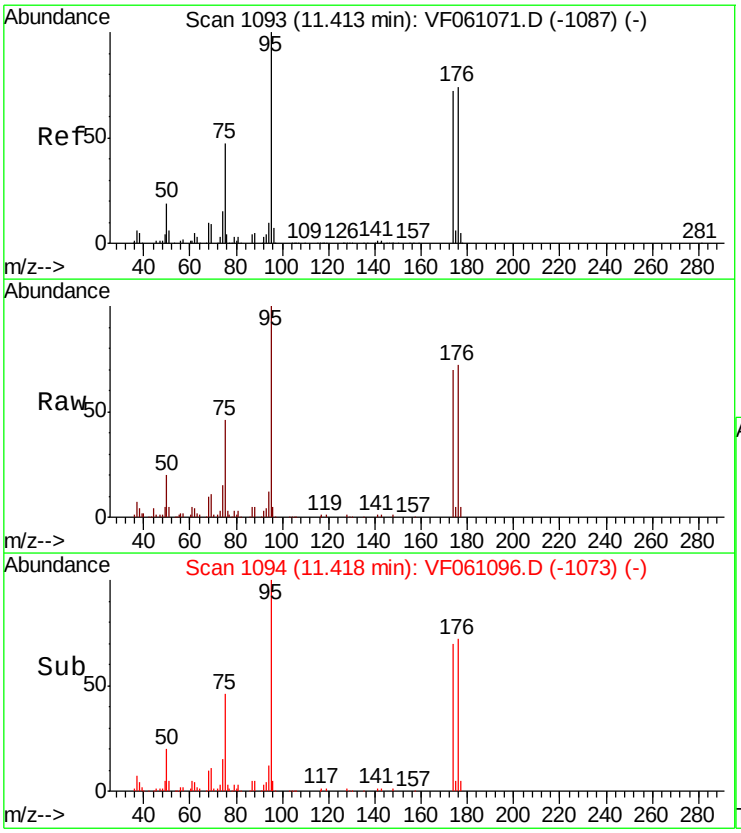
#59
2-Hexanone
Concen: 2.227 ug/l
RT: 9.49 min Scan# 899
Delta R.T. 0.00 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1706

Ion	Ratio	Lower	Upper
43	100		
58	36.1	25.1	75.2

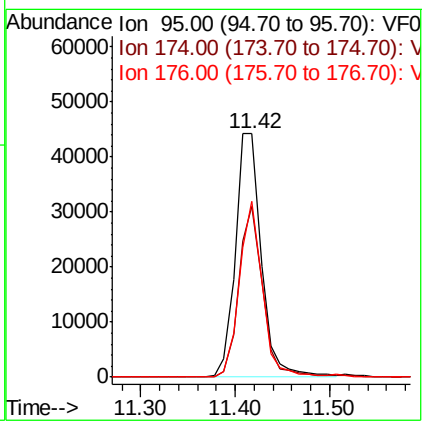


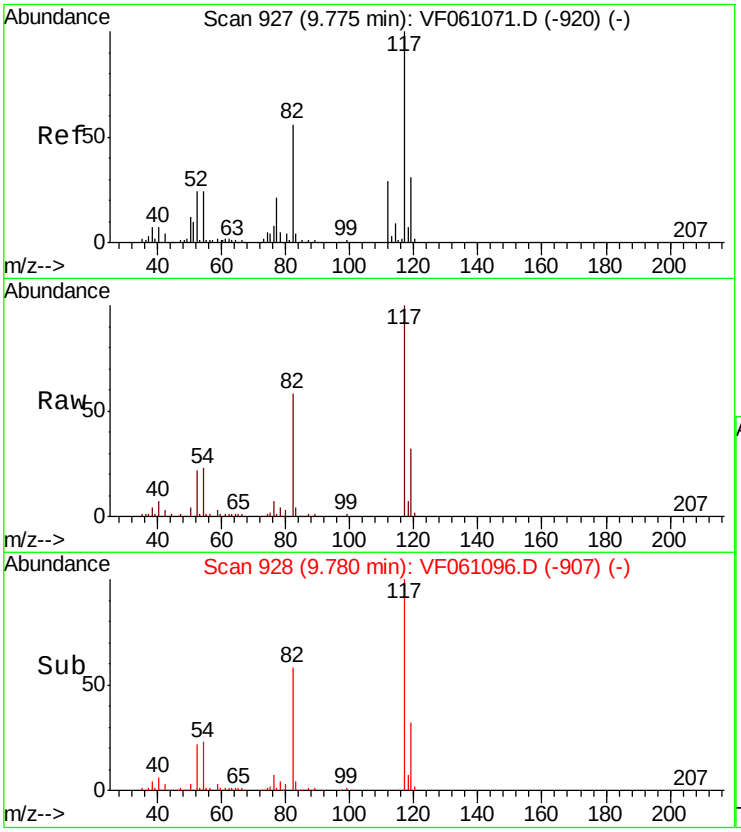


#62
4-Bromofluorobenzene
Concen: 30.366 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Tgt Ion: 95 Resp: 84232

Ion	Ratio	Lower	Upper
95	100		
174	70.1	0.0	143.8
176	72.3	0.0	147.6



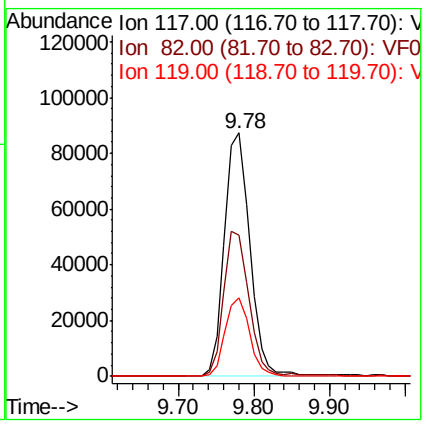


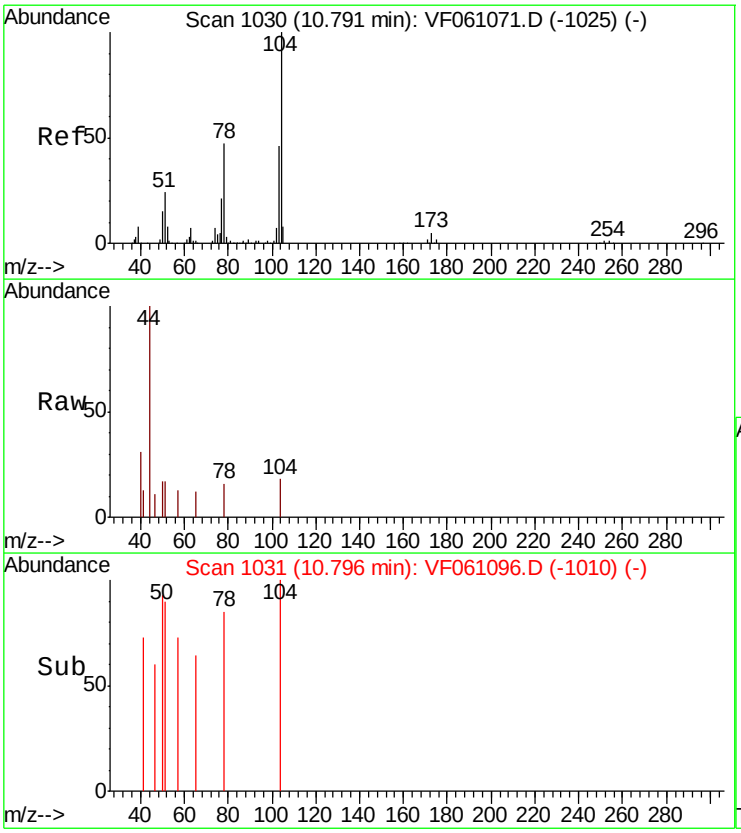
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 205542

Ion	Ratio	Lower	Upper
117	100		
82	58.2	45.0	67.4
119	32.1	24.8	37.2

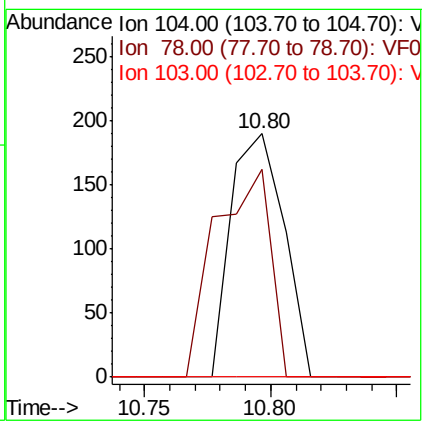


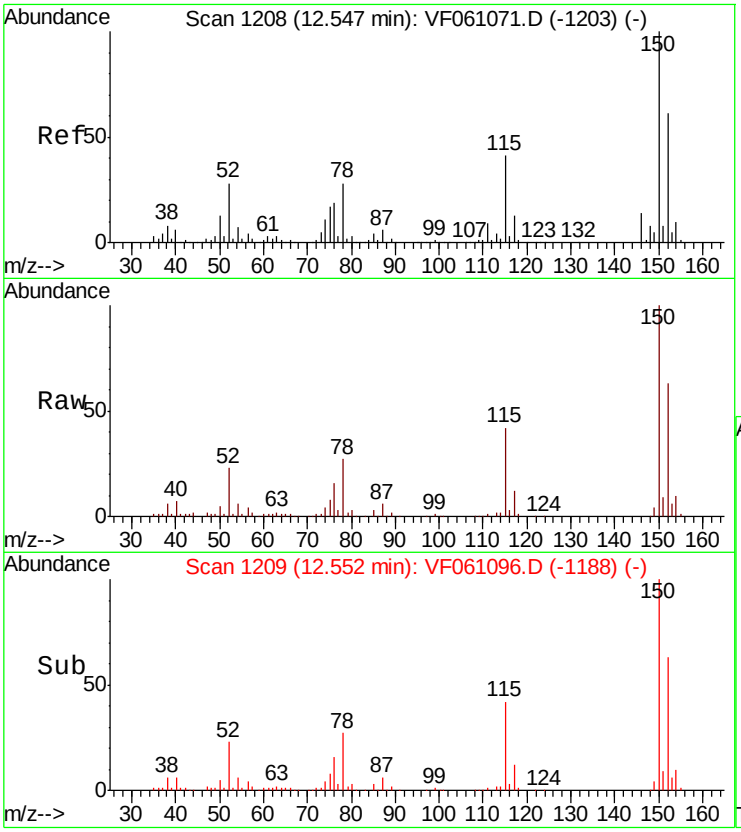


#70
Styrene
Concen: Below Cal
RT: 10.80 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Tgt Ion:104 Resp: 278

Ion	Ratio	Lower	Upper
104	100		
78	85.3	38.4	57.6#
103	0.0	37.0	55.6#



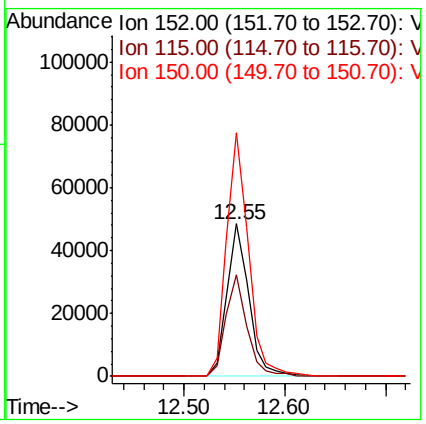


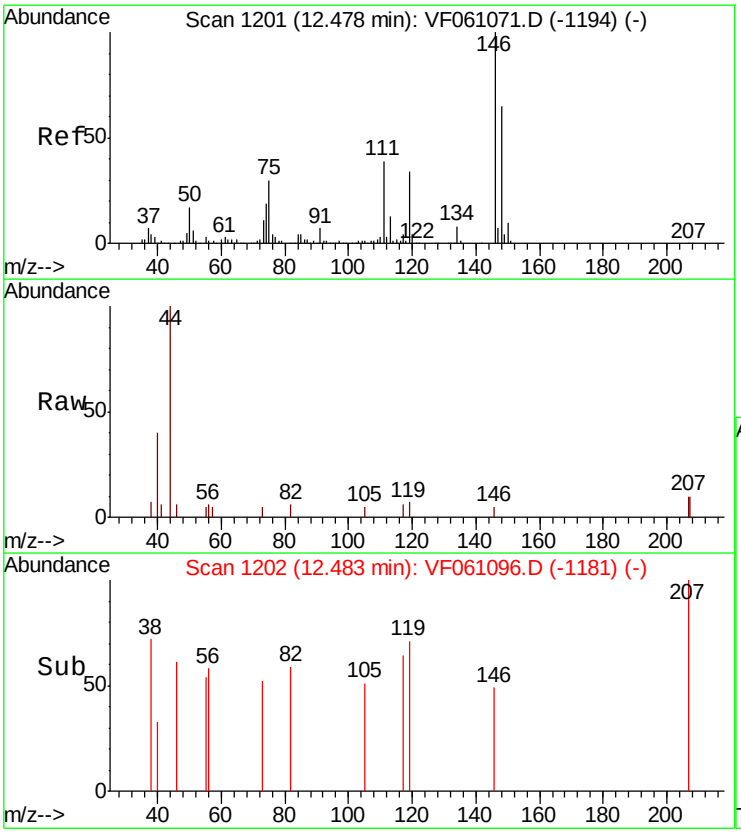
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 73160

Ion	Ratio	Lower	Upper
152	100		
115	66.4	33.3	99.9
150	159.5	0.0	328.2





#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.48 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Tgt Ion:146 Resp: 60

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