Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122418\
Data File : VF061162.D
Acq On : 24 Dec 2018 13:46
Operator : VA/AP
Sample : J6389-05RE
Misc : 4.95g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Dec 24 23:47:33 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	4.88	168	26963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	36114	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	18116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	3744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	6440	18.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 37.14%			
35) Dibromofluoromethane	4.12	113	10275	35.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.04%			
50) Toluene-d8	7.57	98	30890	37.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.36%			
62) 4-Bromofluorobenzene	11.41	95	5491	14.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 29.06%			
Target Compounds						Qvalue
5) Bromomethane	1.36	94	675	3.056	ug/l #	3
11) Tert butyl alcohol	2.59	59	76	5.431	ug/l #	1
13) Acrolein	1.92	56	314	31.051	ug/l	89
14) Allyl chloride	2.08	41	434	1.755	ug/l #	54
15) Acrylonitrile	2.95	53	141	4.357	ug/l #	34
16) Acetone	2.24	43	9713	140.104	ug/l	99
18) Methyl Acetate	2.35	43	652	4.546	ug/l #	66
20) Methylene Chloride	2.25	84	272	Below Cal	#	2
23) Vinyl Acetate	3.17	43	623	1.639	ug/l #	78
25) 2-Butanone	4.32	43	461	4.100	ug/l #	57
29) Tetrahydrofuran	4.08	42	198	4.327	ug/l #	37
37) Ethyl Acetate	4.12	43	281	1.270	ug/l #	21
41) Methacrylonitrile	4.73	41	392	4.258	ug/l #	27
51) 4-Methyl-2-Pentanone	8.30	43	187	1.295	ug/l #	38
58) 2-Chloroethyl Vinyl ether	7.38	63	62	1.604	ug/l #	50
59) 2-Hexanone	9.53	43	268	2.567	ug/l #	27
74) N-amyl acetate	11.36	43	643	8.976	ug/l #	46
76) 1,2,3-Trichloropropane	11.73	75	60	1.506	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.73	75	60	3.504	ug/l #	11

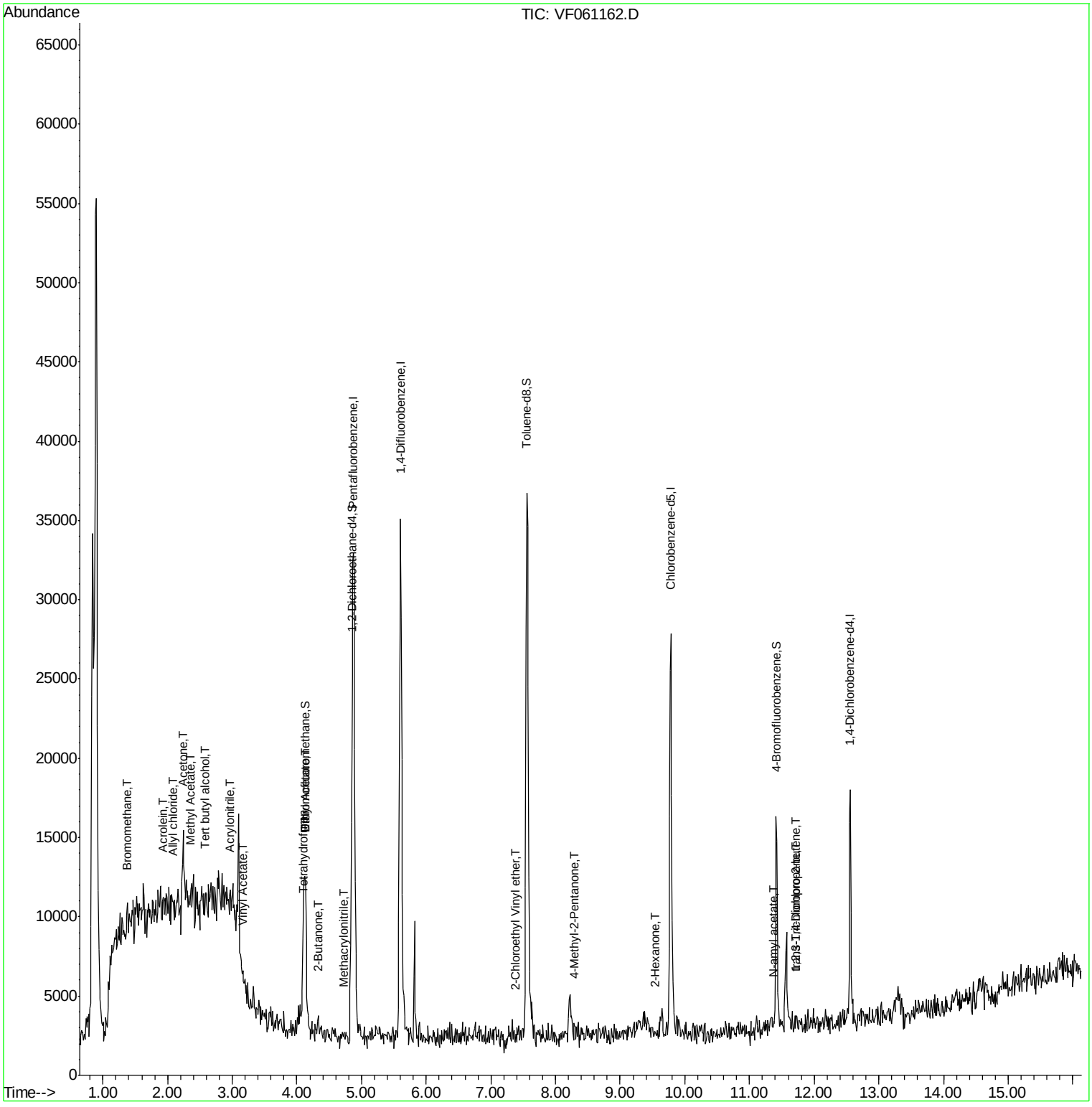
(#) = qualifier out of range (m) = manual integration (+) = signals summed

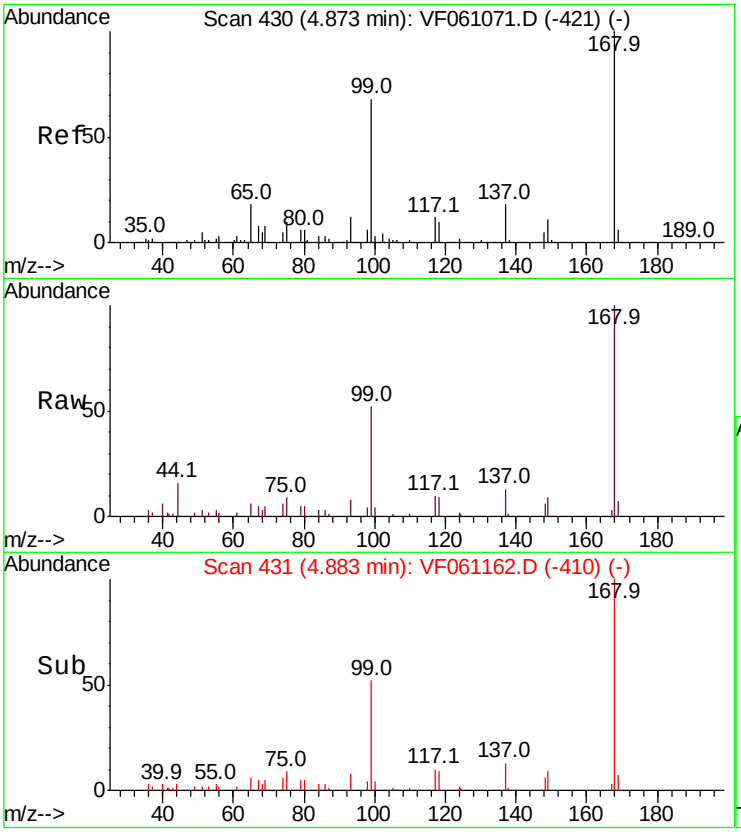
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122418\
Data File : VF061162.D
Acq On : 24 Dec 2018 13:46
Operator : VA/AP
Sample : J6389-05RE
Misc : 4.95g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Dec 24 23:47:33 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



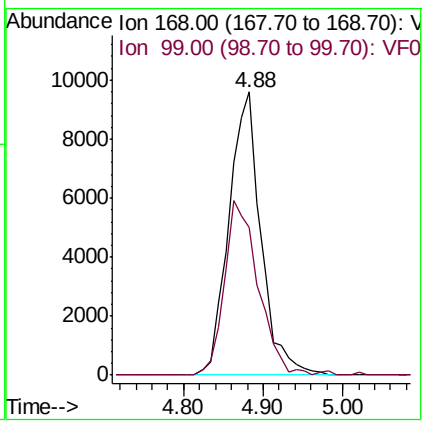


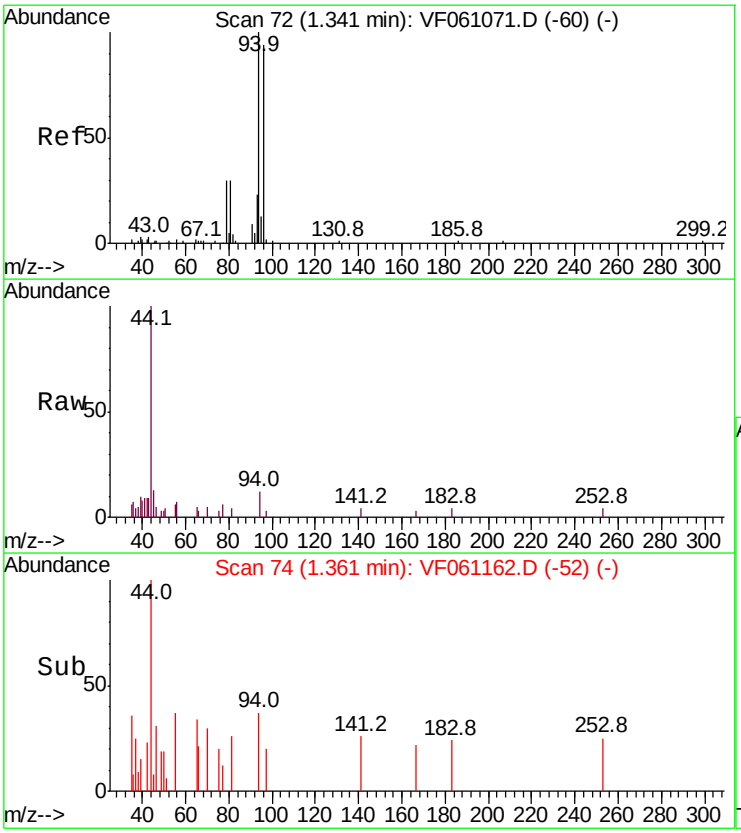
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 26963

Ion	Ratio	Lower	Upper
168	100		
99	52.2	54.4	81.6#

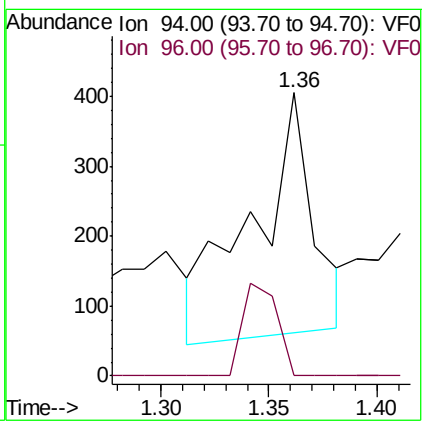


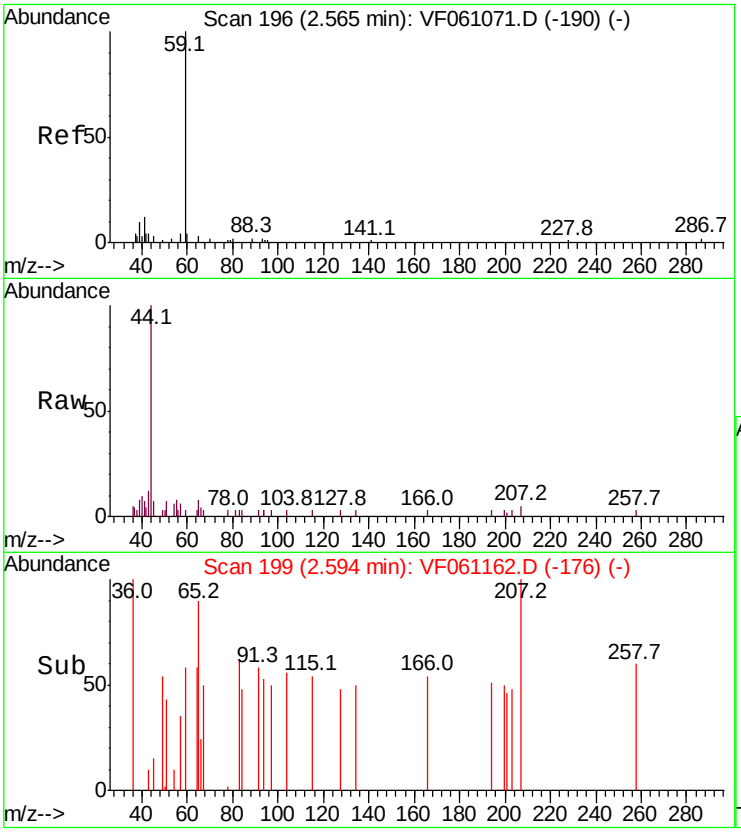


#5
Bromomethane
Concen: 3.056 ug/l
RT: 1.36 min Scan# 74
Delta R.T. 0.02 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Tgt Ion: 94 Resp: 675

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.4	111.6#



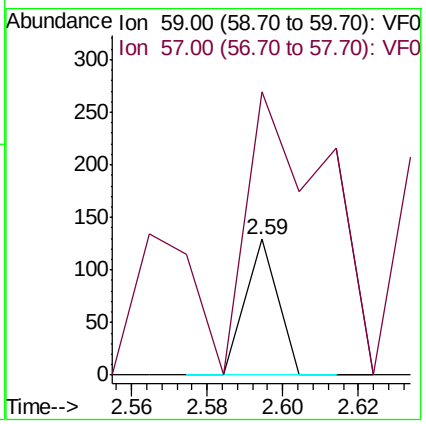


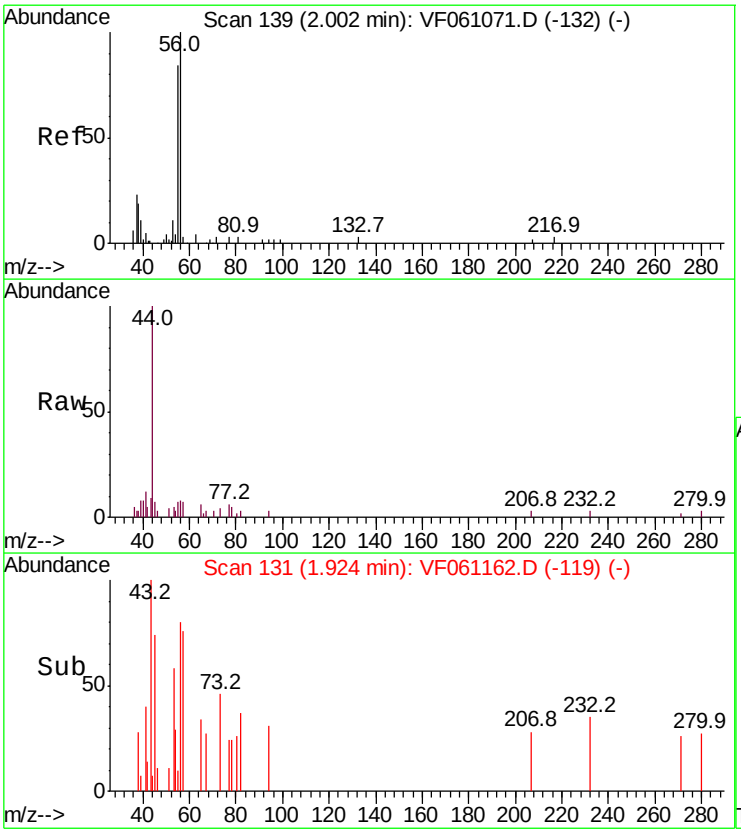
#11
Tert butyl alcohol
Concen: 5.431 ug/l
RT: 2.59 min Scan# 199
Delta R.T. 0.03 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 76

Ion	Ratio	Lower	Upper
59	100		
57	208.5	11.5	17.3#

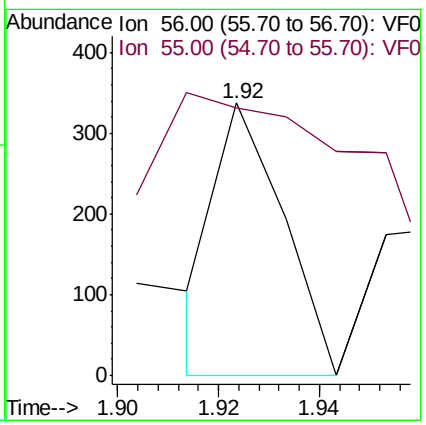


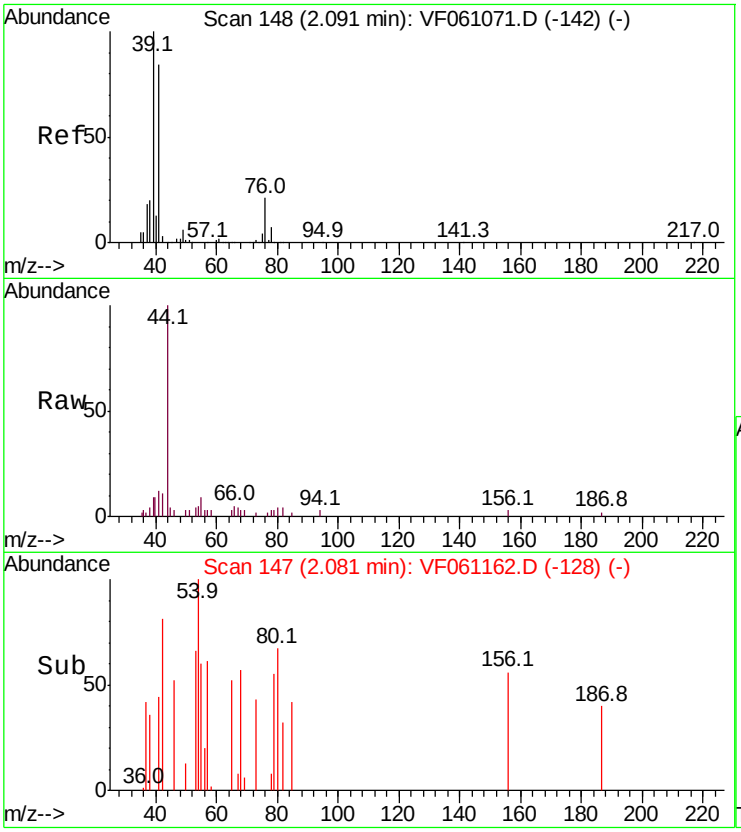


#13
Acrolein
Concen: 31.051 ug/l
RT: 1.92 min Scan# 131
Delta R.T. -0.08 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Tgt Ion: 56 Resp: 314

Ion	Ratio	Lower	Upper
56	100		
55	98.2	70.2	105.2



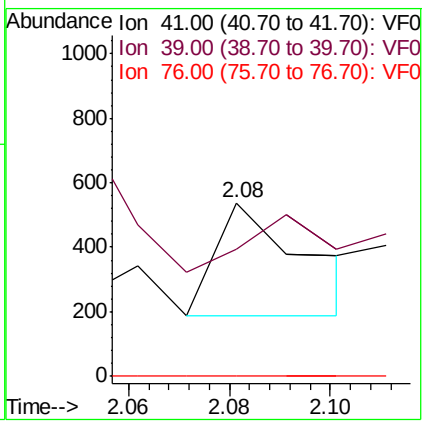


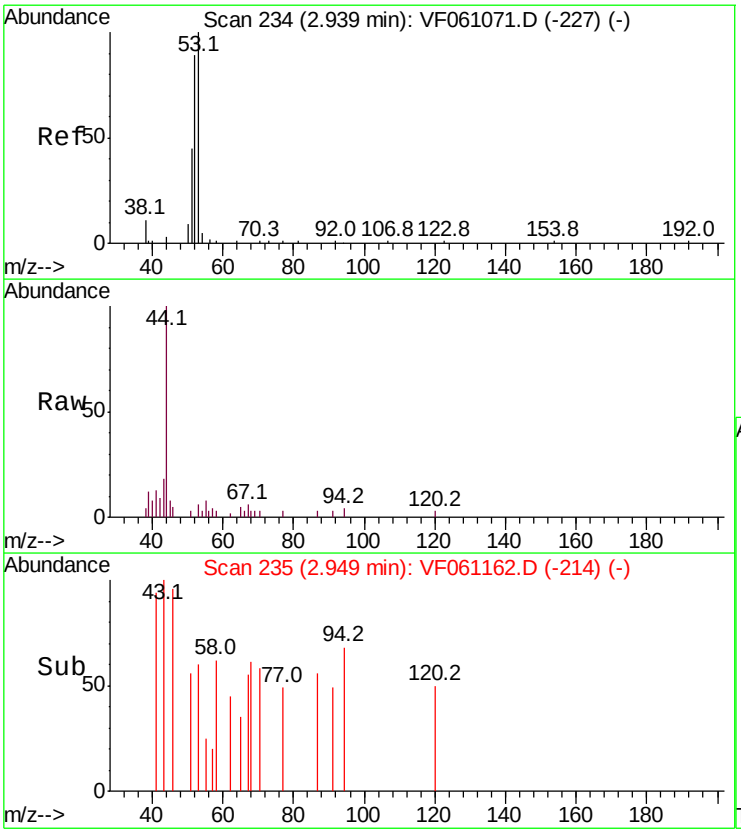
#14
Allvl chloride
Concen: 1.755 ug/l
RT: 2.08 min Scan# 147
Delta R.T. -0.01 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 434

Ion	Ratio	Lower	Upper
41	100		
39	73.0	96.4	144.6#
76	0.0	25.4	38.0#

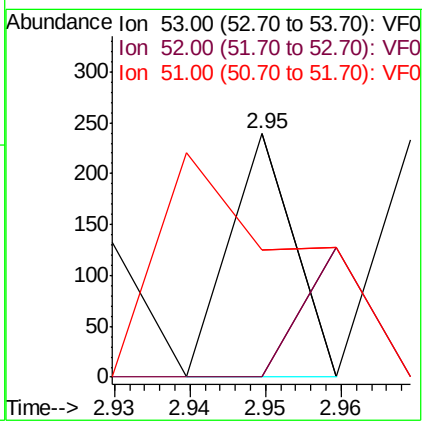


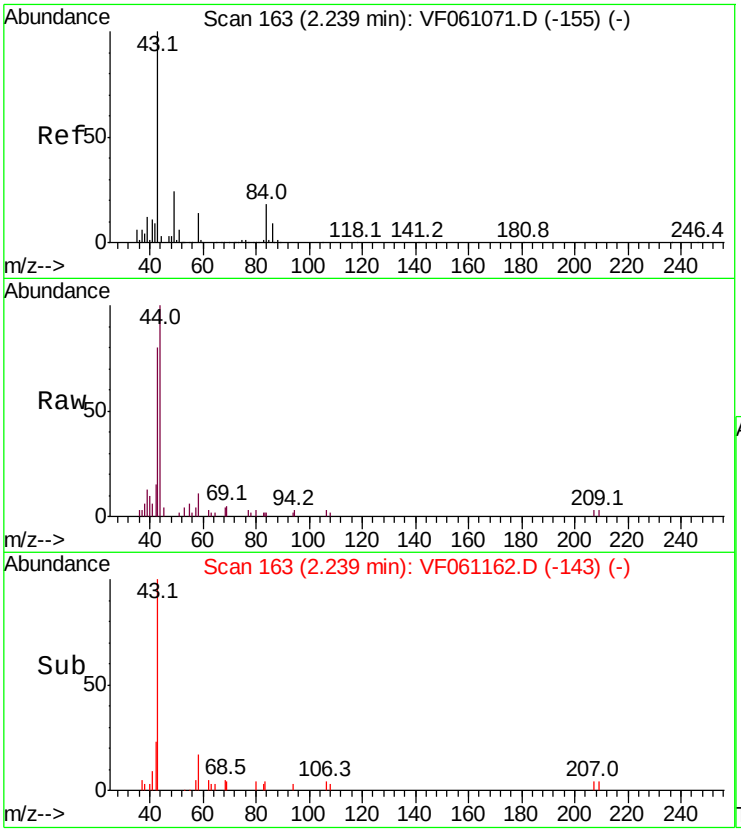


#15
Acrylonitrile
Concen: 4.357 ug/l
RT: 2.95 min Scan# 235
Delta R.T. 0.01 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Tgt Ion: 53 Resp: 141

Ion	Ratio	Lower	Upper
53	100		
52	0.0	71.3	106.9#
51	52.3	36.8	55.2

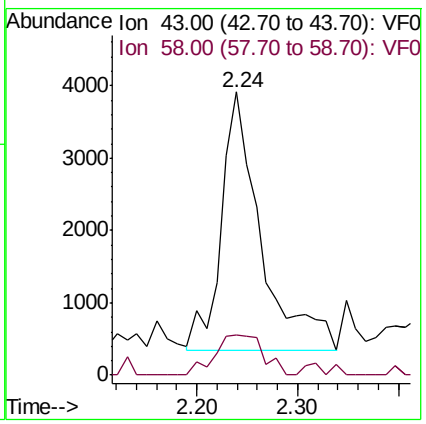




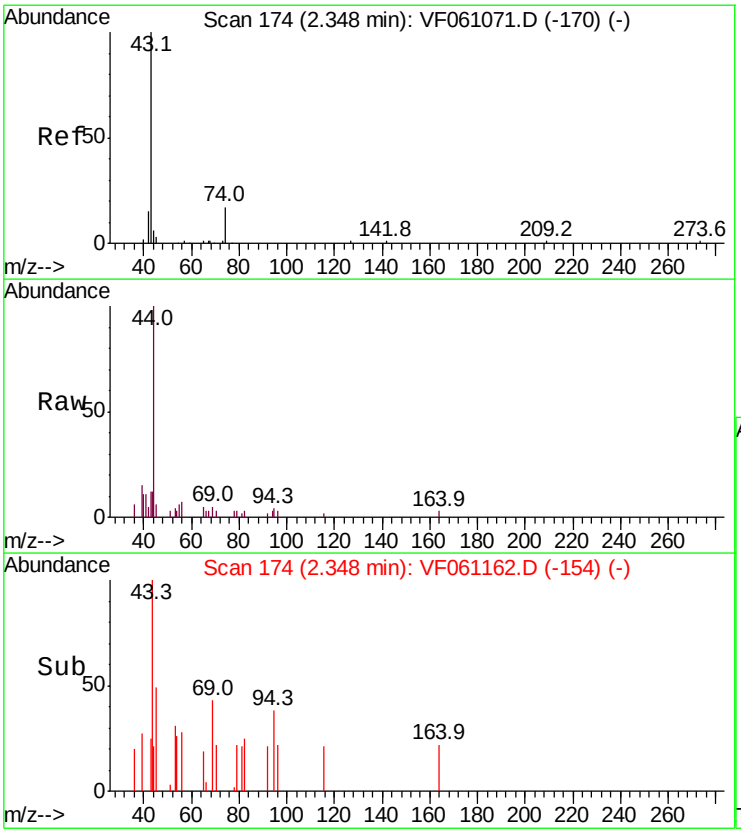
#16
Acetone
Concen: 140.104 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.00 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Tgt Ion: 43 Resp: 9713

Ion	Ratio	Lower	Upper
43	100		
58	14.4	11.1	16.7



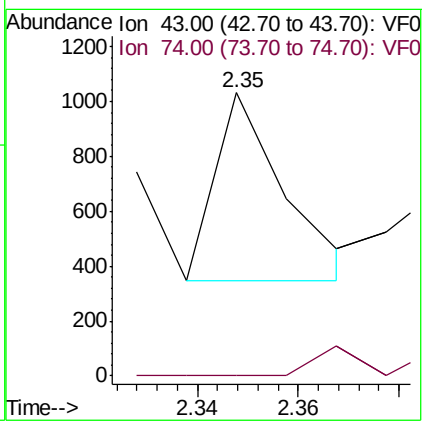
Instrument :
MSVOA_F
ClientSampleId :

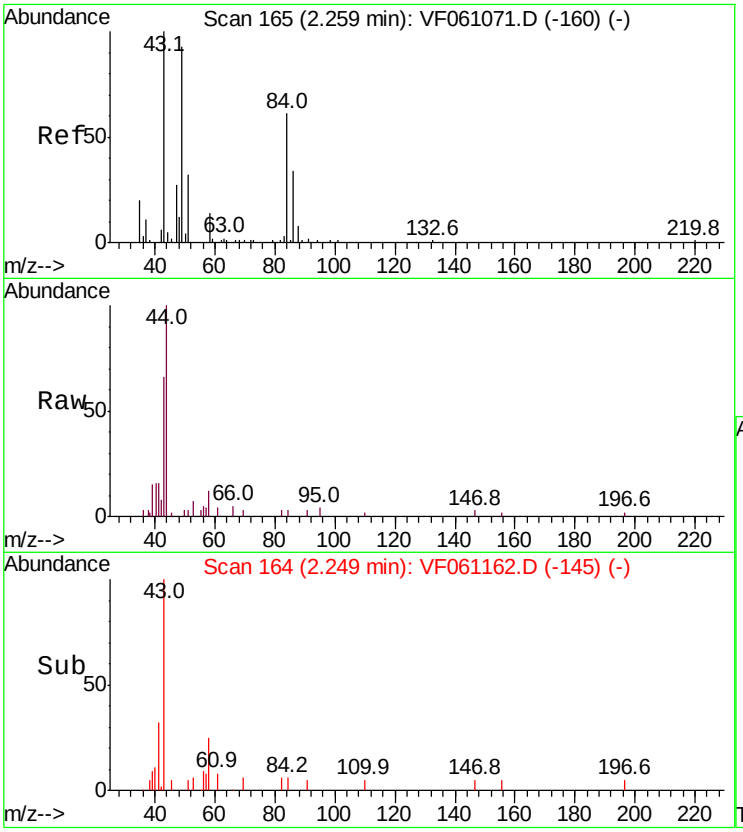


#18
Methyl Acetate
Concen: 4.546 ug/l
RT: 2.35 min Scan# 174
Delta R.T. 0.00 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Tgt Ion: 43 Resp: 652

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.0	16.6#



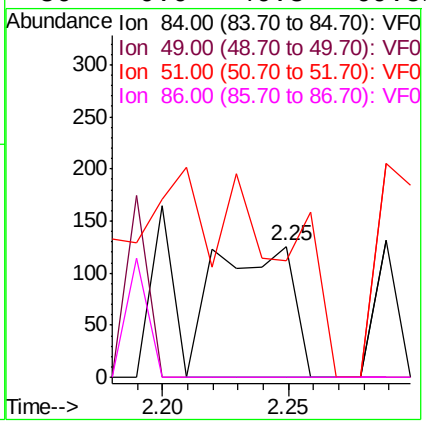


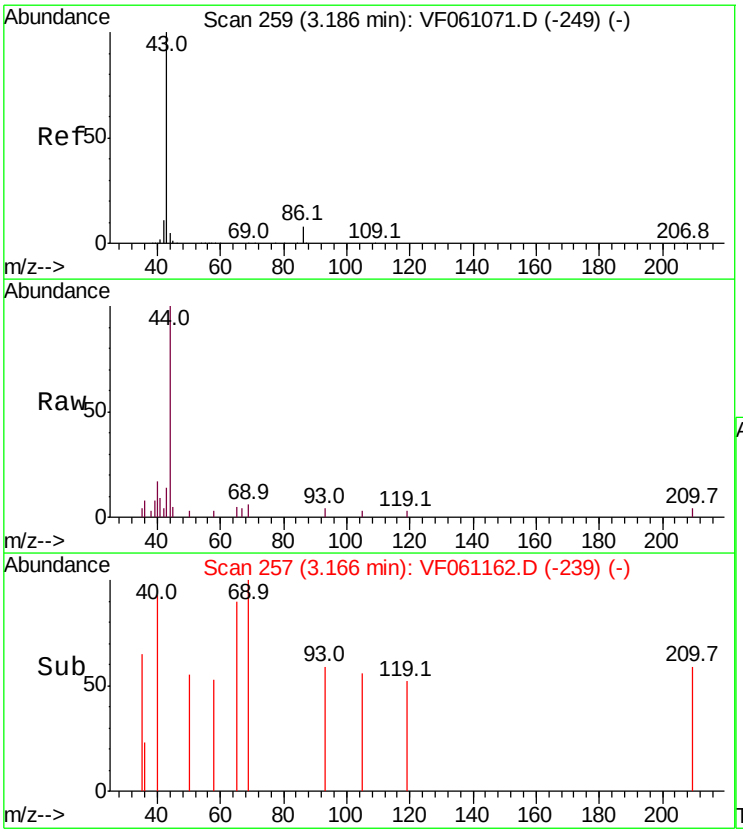
#20
Methylene Chloride
Concen: Below Cal
RT: 2.25 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 272

Ion	Ratio	Lower	Upper
84	100		
49	0.0	129.4	194.2#
51	88.9	44.0	66.0#
86	0.0	46.3	69.5#

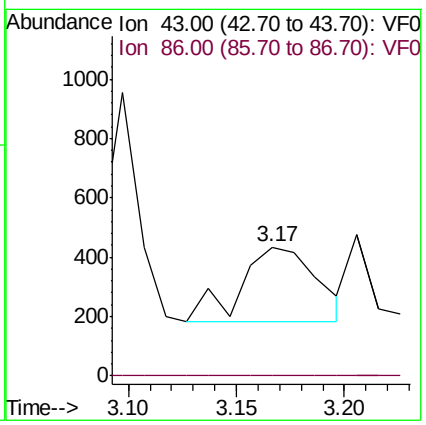


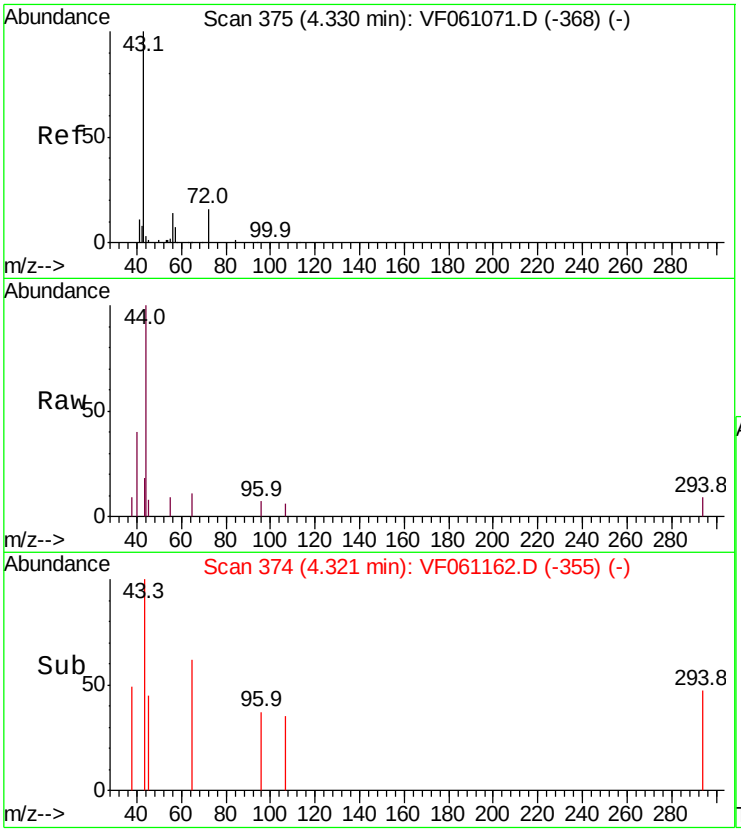


#23
Vinyl Acetate
Concen: 1.639 ug/l
RT: 3.17 min Scan# 257
Delta R.T. -0.02 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Tgt Ion: 43 Resp: 623

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.3	9.5#



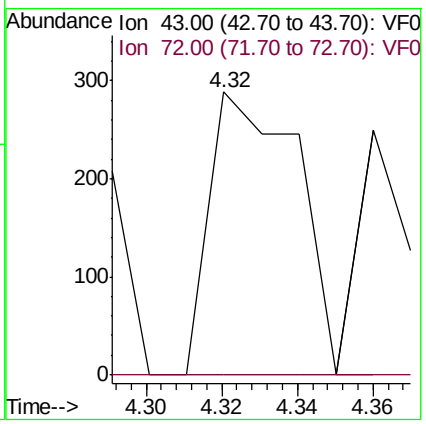


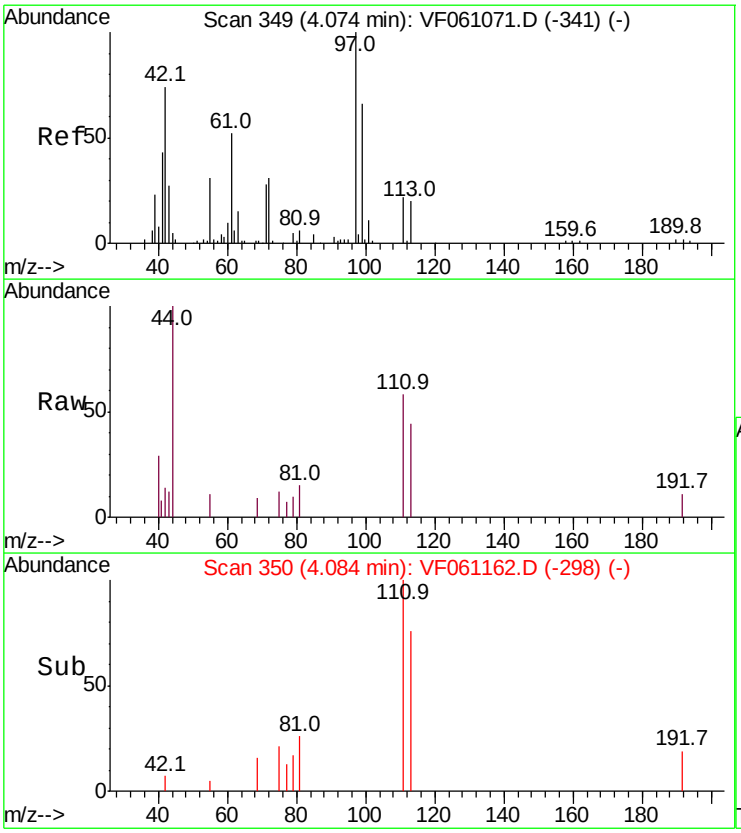
#25
2-Butanone
Concen: 4.100 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.01 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 461

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.6	23.4#

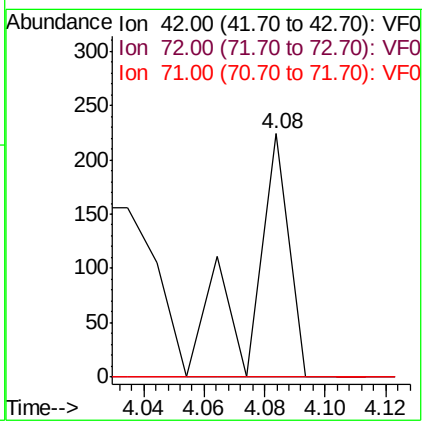


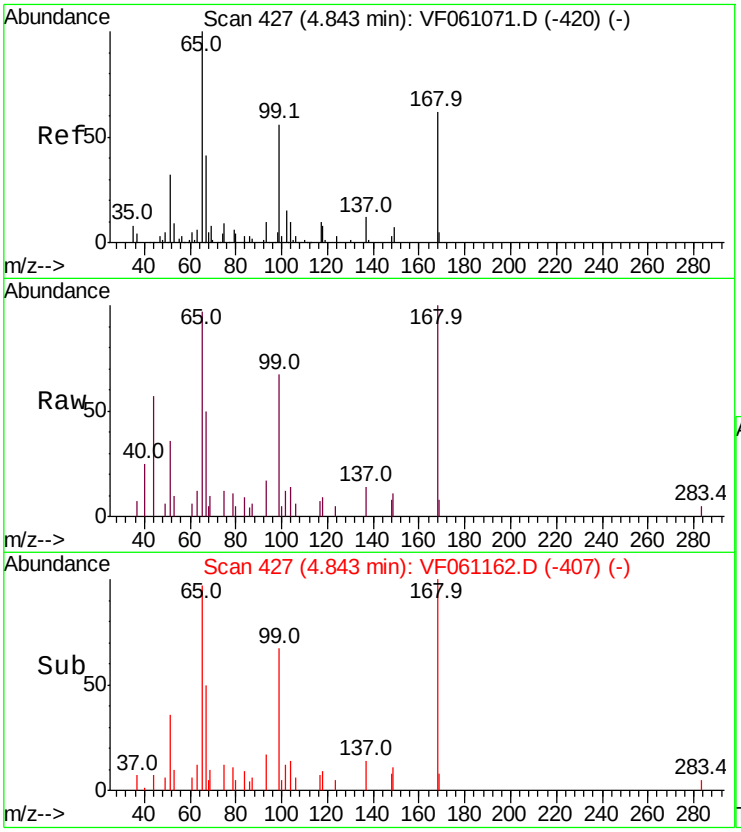


#29
Tetrahydrofuran
Concen: 4.327 ug/l
RT: 4.08 min Scan# 350
Delta R.T. 0.01 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Tgt Ion: 42 Resp: 198

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



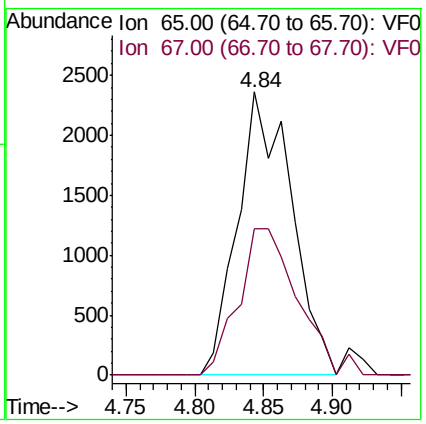


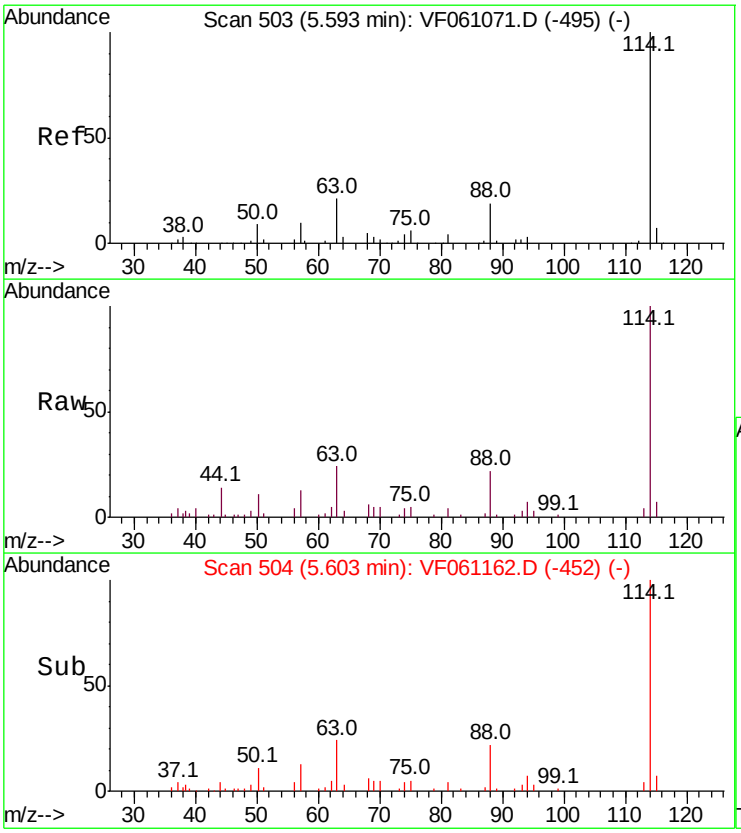
#33
1,2-Dichloroethane-d4
Concen: 18.570 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.00 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 6440

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	94.6

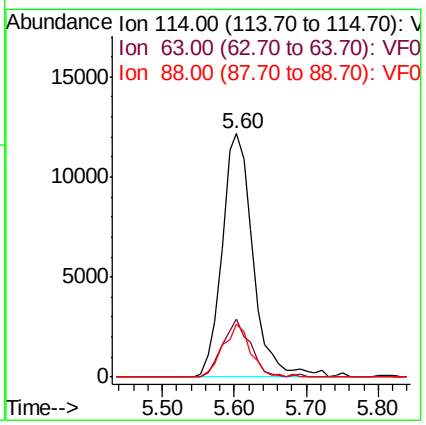


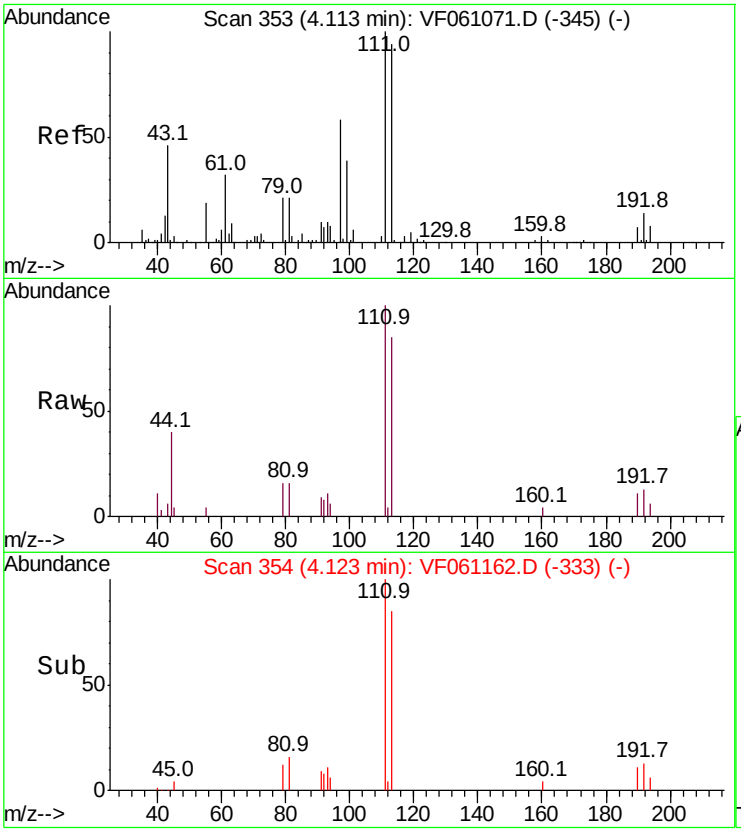


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Tgt Ion:114 Resp: 36114

Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	41.6
88	21.6	0.0	38.0



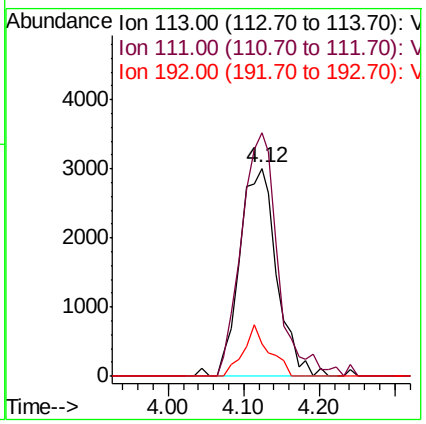


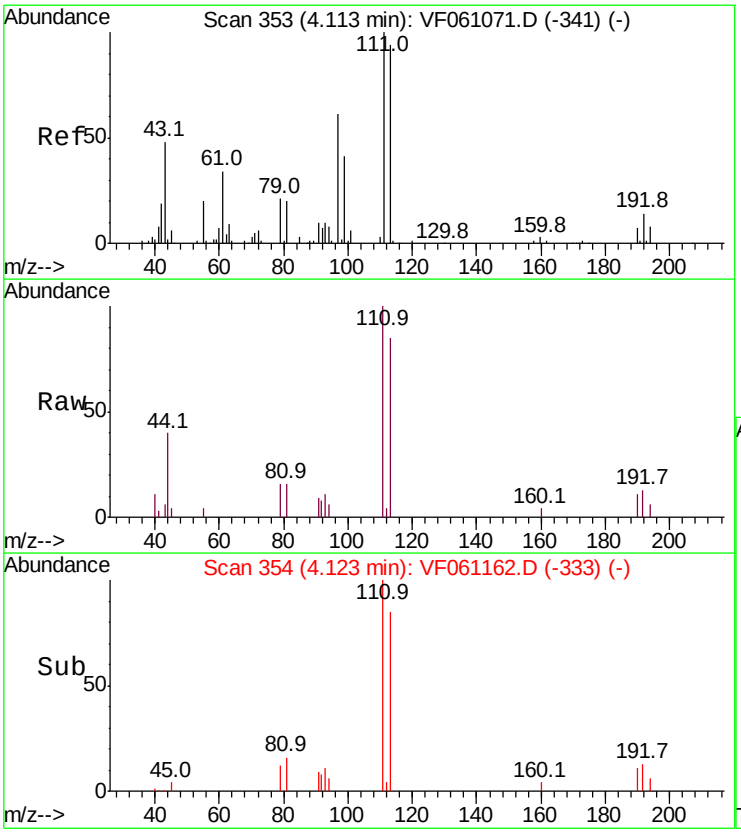
#35
Dibromofluoromethane
Concen: 35.518 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 10275

Ion	Ratio	Lower	Upper
113	100		
111	117.1	85.2	127.8
192	15.7	12.8	19.2

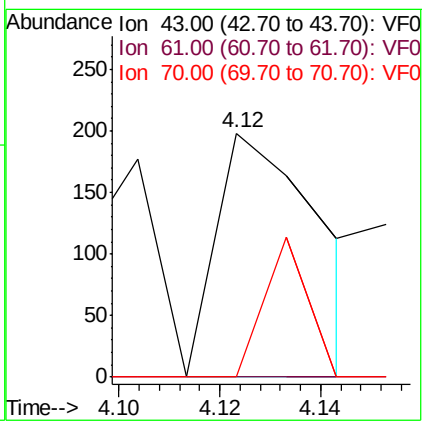


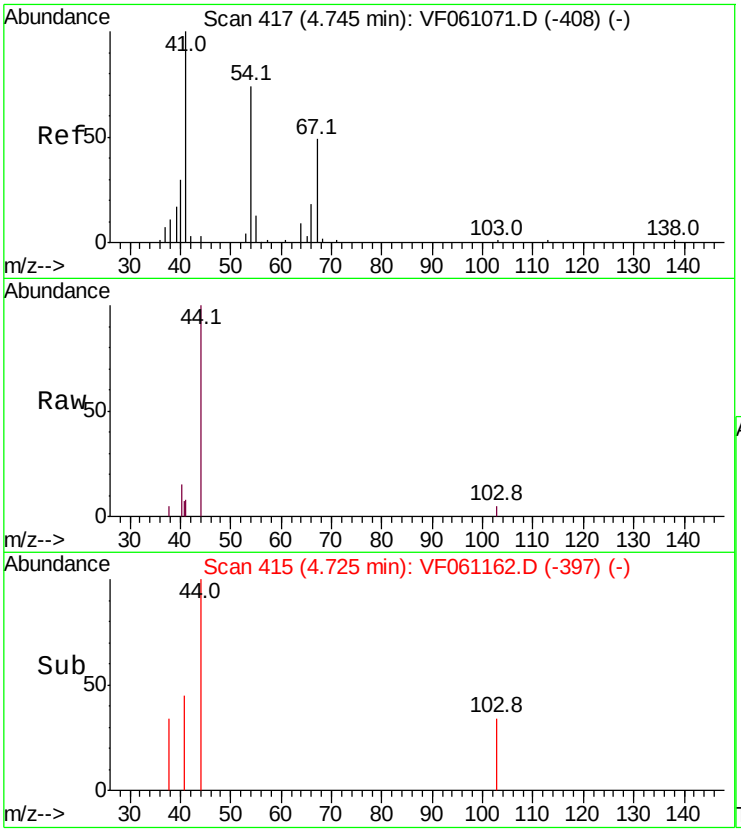


#37
Ethyl Acetate
Concen: 1.270 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Tgt Ion: 43 Resp: 281

Ion	Ratio	Lower	Upper
43	100		
61	0.0	56.6	84.8#
70	0.0	6.3	9.5#



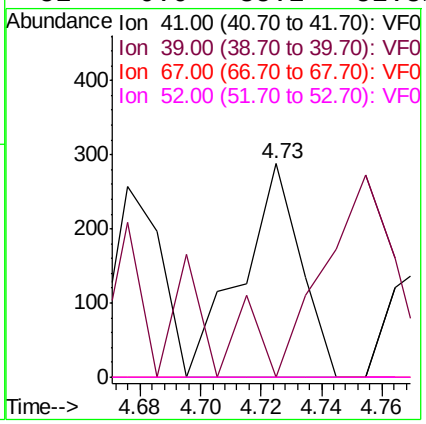


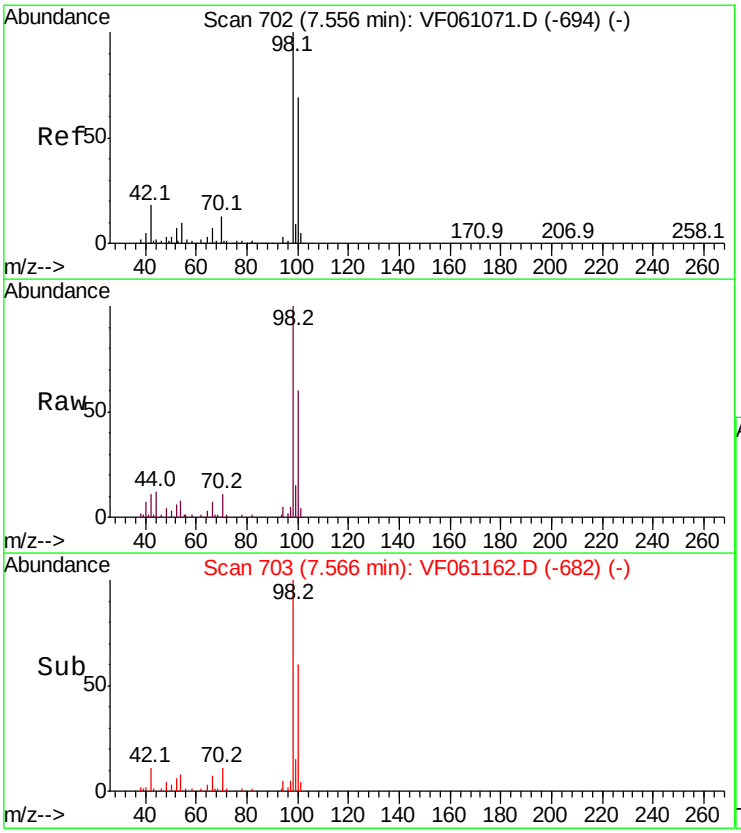
#41
Methacrylonitrile
Concen: 4.258 ug/l
RT: 4.73 min Scan# 415
Delta R.T. -0.02 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 41 Resp: 392

Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.7	68.5#
67	0.0	38.9	58.3#
52	0.0	35.2	52.8#

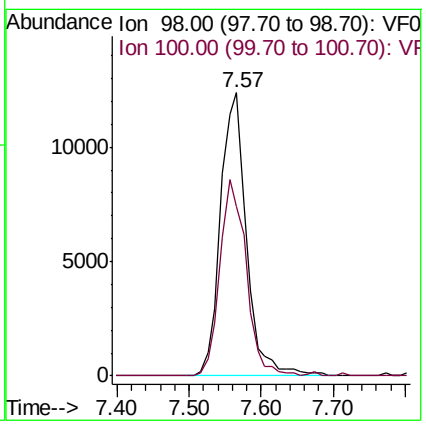


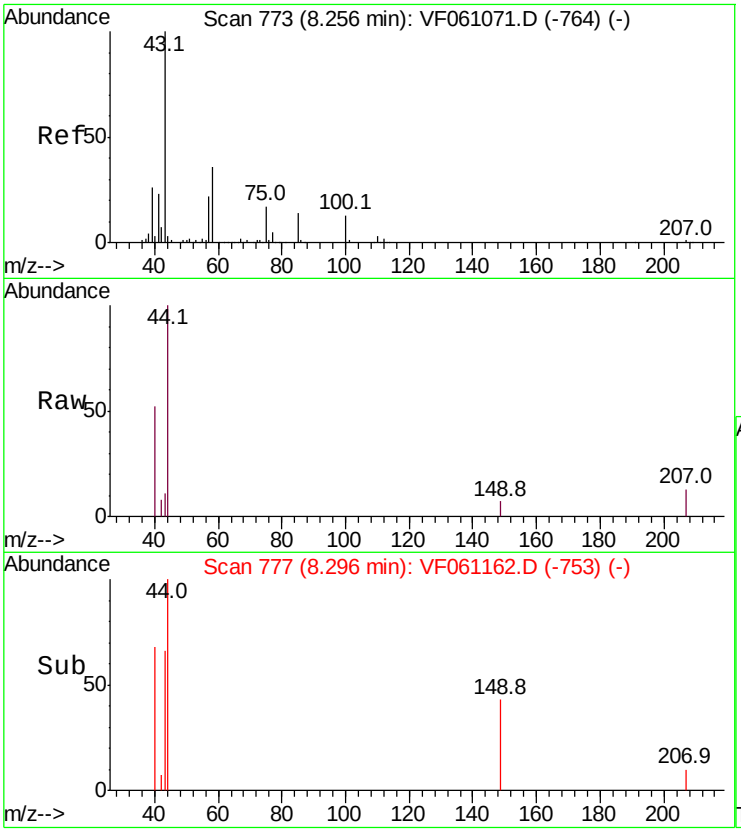


#50
Toluene-d8
Concen: 37.679 ug/l
RT: 7.57 min Scan# 703
Delta R.T. 0.01 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Tgt Ion: 98 Resp: 30890

Ion	Ratio	Lower	Upper
98	100		
100	59.9	55.3	82.9



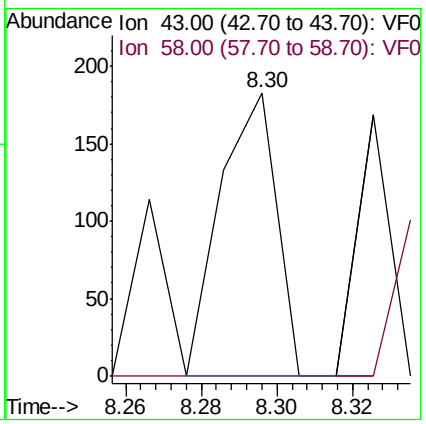


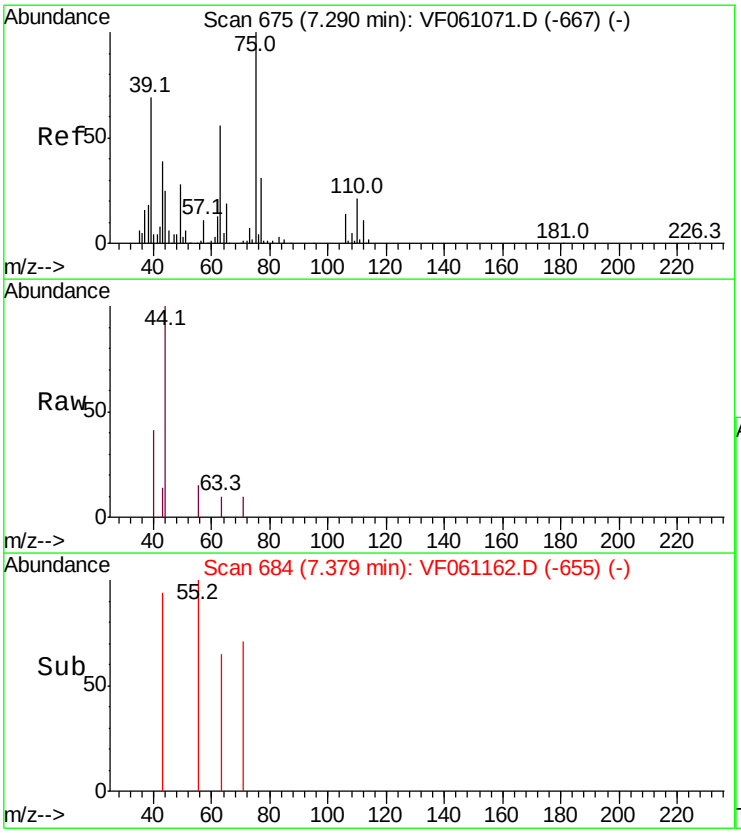
#51
4-Methyl-2-Pentanone
Concen: 1.295 ug/l
RT: 8.30 min Scan# 777
Delta R.T. 0.04 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 187

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.1	43.7#

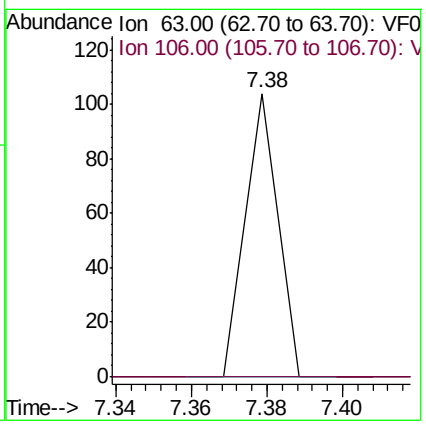


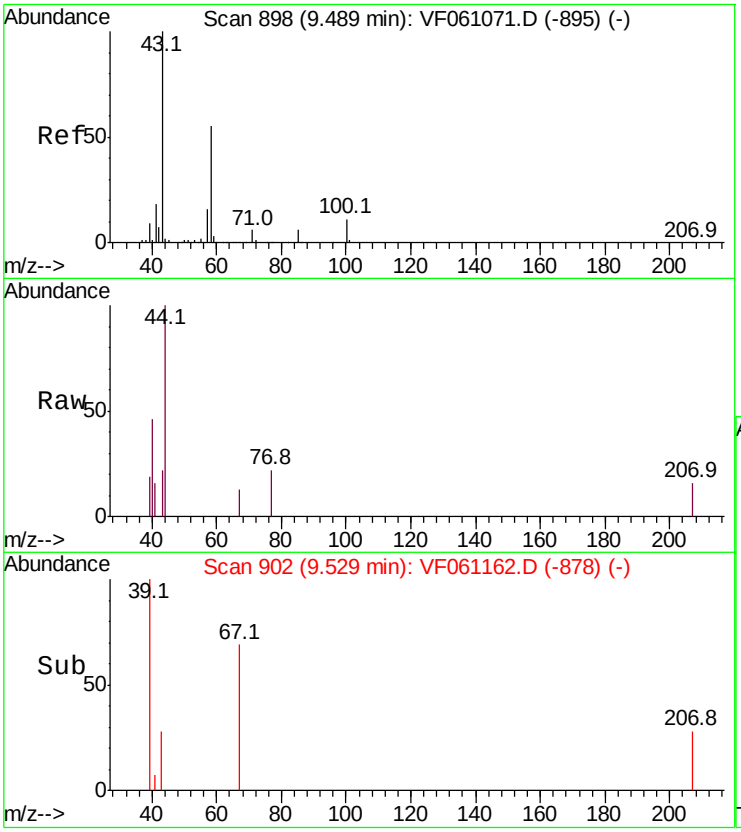


#58
2-Chloroethyl Vinyl ether
Concen: 1.604 ug/l
RT: 7.38 min Scan# 684
Delta R.T. 0.09 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Tgt Ion: 63 Resp: 62

Ion	Ratio	Lower	Upper
63	100		
106	0.0	19.8	29.8#



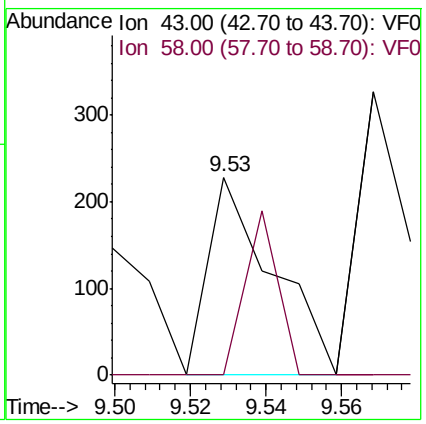


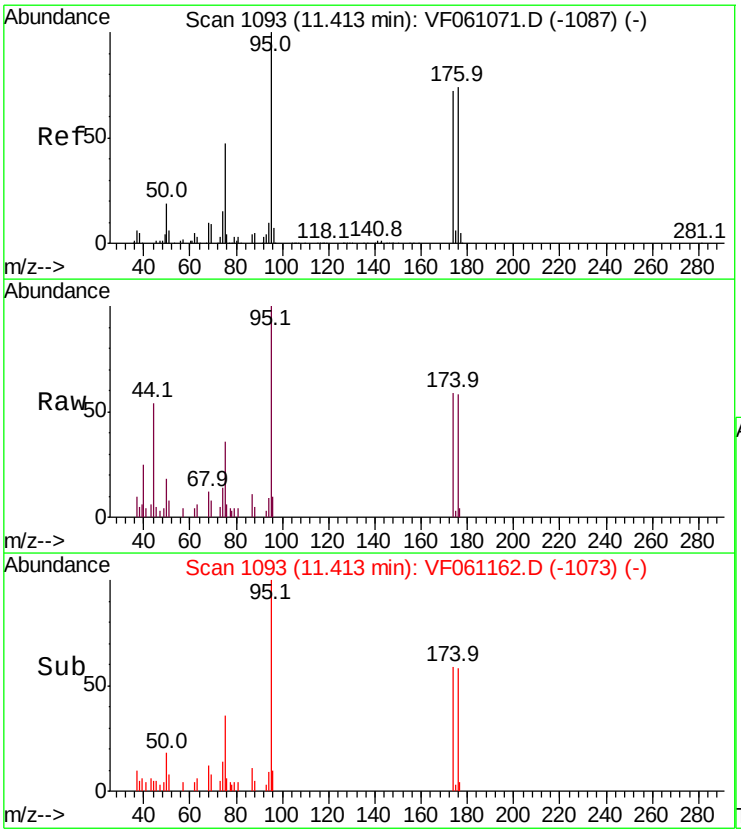
#59
2-Hexanone
Concen: 2.567 ug/l
RT: 9.53 min Scan# 902
Delta R.T. 0.04 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 268

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.1	75.2#

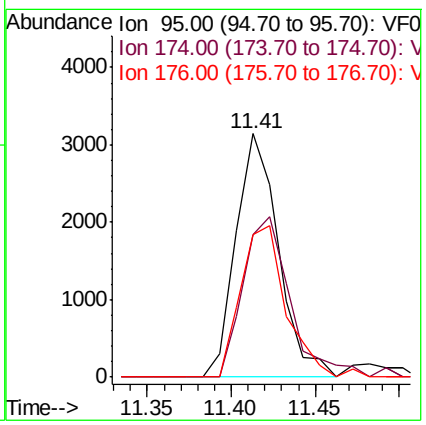


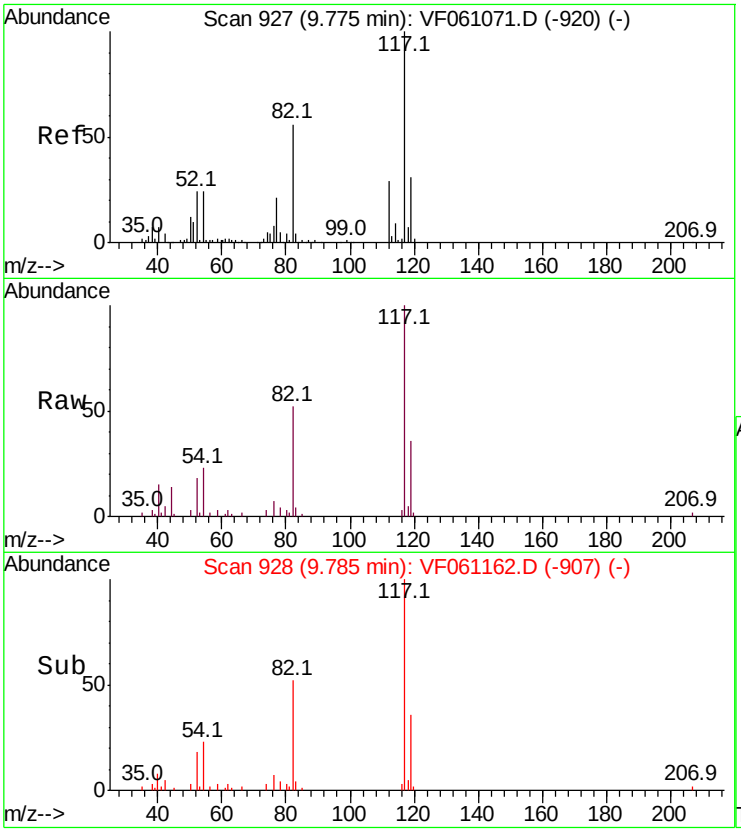


#62
4-Bromofluorobenzene
Concen: 14.528 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Tgt Ion: 95 Resp: 5491

Ion	Ratio	Lower	Upper
95	100		
174	58.5	0.0	143.8
176	58.3	0.0	147.6



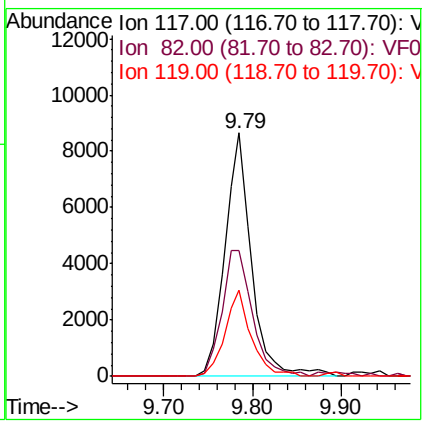


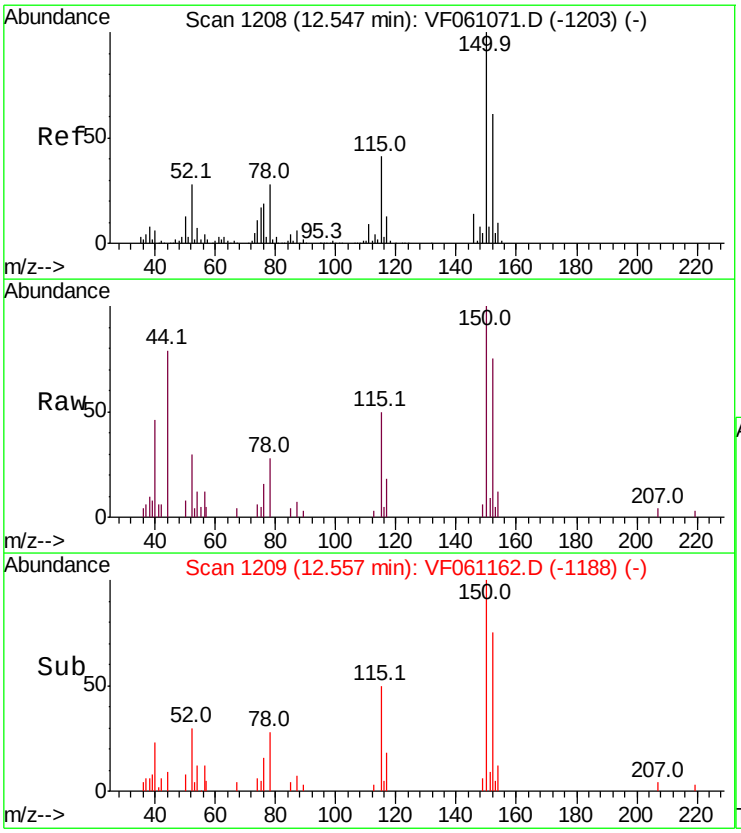
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 18116

Ion	Ratio	Lower	Upper
117	100		
82	51.6	45.0	67.4
119	35.6	24.8	37.2

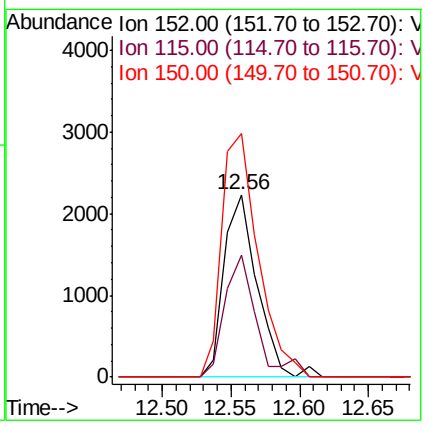


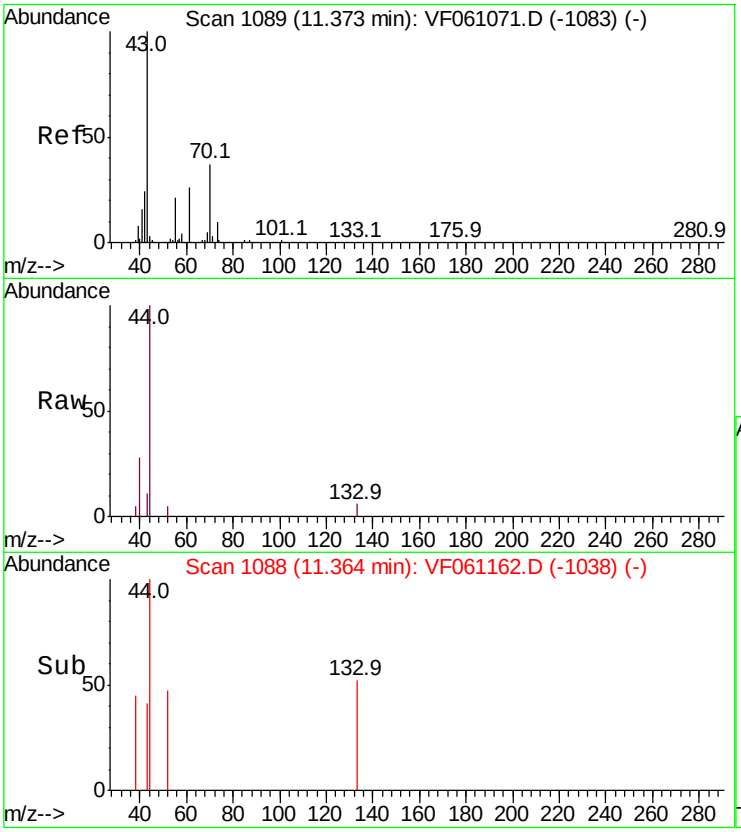


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Tgt Ion:152 Resp: 3744

Ion	Ratio	Lower	Upper
152	100		
115	67.0	33.3	99.9
150	133.5	0.0	328.2



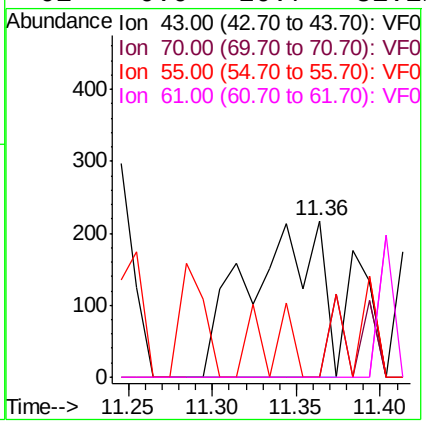


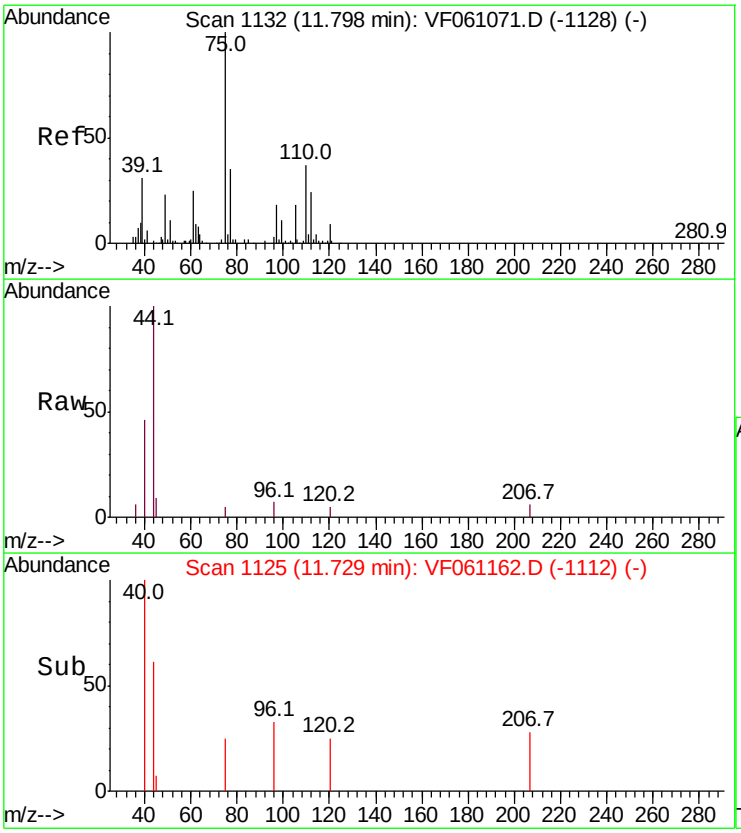
#74
N-amyl acetate
Concen: 8.976 ug/l
RT: 11.36 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 643

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.2	43.8#
55	0.0	16.5	24.7#
61	0.0	20.7	31.1#

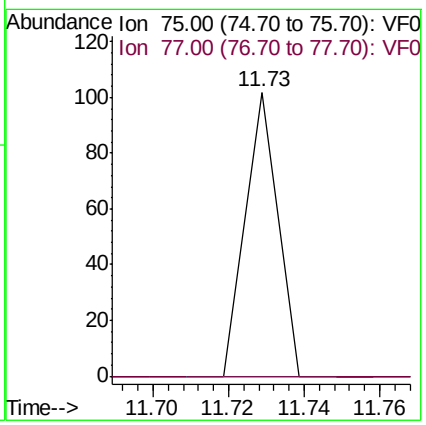


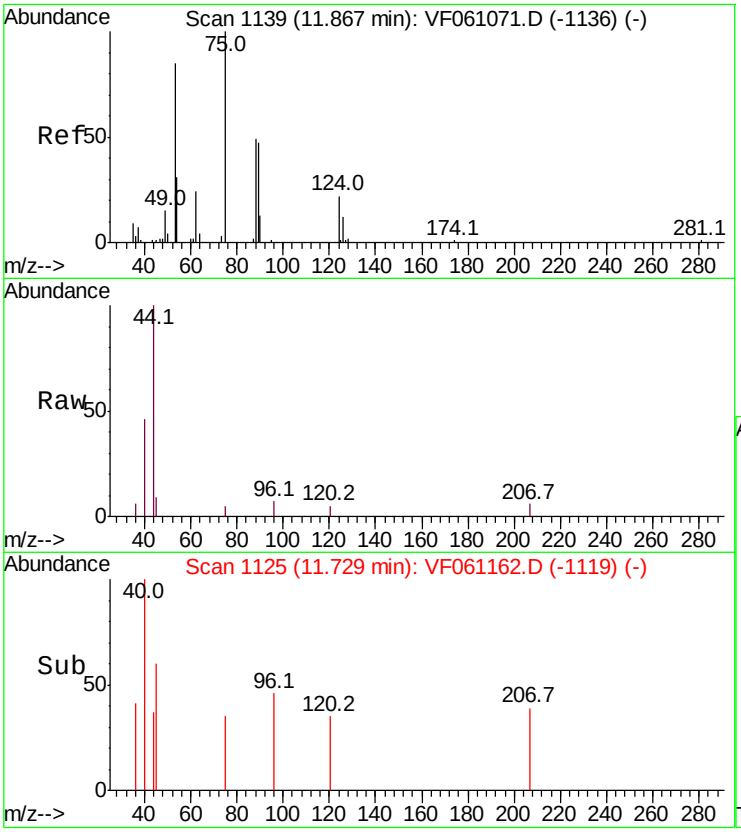


#76
1,2,3-Trichloropropane
Concen: 1.506 ug/l
RT: 11.73 min Scan# 1125
Delta R.T. -0.07 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Tgt Ion: 75 Resp: 60

Ion	Ratio	Lower	Upper
75	100		
77	0.0	17.6	52.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 3.504 ug/l
RT: 11.73 min Scan# 1125
Delta R.T. -0.14 min
Lab File: VF061162.D
Acq: 24 Dec 2018 13:46

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 75 Resp: 60

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.1	111.1#
89	0.0	42.6	64.0#