Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100318\
Data File : VF060434.D
Acq On : 4 Oct 2018 00:14
Operator : VA/AP
Sample : J5198-09
Misc : 6.78/5mL/MSVOA_F/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : CL-01-100218-E

Quant Time: Oct 04 05:25:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	229084	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.75	114	420689	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	296292	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	94517	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	187433	52.29	ug/l	0.01
Spiked Amount 50.000			Recovery = 104.58%			
35) Dibromofluoromethane	4.28	113	217386	55.01	ug/l	0.01
Spiked Amount 50.000			Recovery = 110.02%			
50) Toluene-d8	7.69	98	393634	40.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.88%			
62) 4-Bromofluorobenzene	11.50	95	139718	31.44	ug/l	0.01
Spiked Amount 50.000			Recovery = 62.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.00	85	490	Below Cal	#	43
8) Diethyl Ether	1.70	74	3301	3.208	ug/l	51
11) Tert butyl alcohol	2.68	59	476	2.195	ug/l #	1
13) Acrolein	2.09	56	403	2.311	ug/l	100
15) Acrylonitrile	3.05	53	725	1.951	ug/l #	75
16) Acetone	2.47	43	8200	Below Cal		97
18) Methyl Acetate	2.47	43	10111	5.938	ug/l #	87
20) Methylene Chloride	2.27	84	50559	15.480	ug/l	85
25) 2-Butanone	4.47	43	1350	1.454	ug/l #	60
29) Tetrahydrofuran	4.24	42	1992	1.134	ug/l #	63
49) 1,4-Dioxane	6.85	88	103	6.933	ug/l #	15
51) 4-Methyl-2-Pentanone	8.40	43	3606	2.110	ug/l	93
56) Ethyl methacrylate	8.75	69	3569	1.417	ug/l #	77
58) 2-Chloroethyl Vinyl ether	7.76	63	778	3.024	ug/l	100
59) 2-Hexanone	9.62	43	2771	2.211	ug/l	80
80) 1,3,5-Trimethylbenzene	11.91	105	6513	1.030	ug/l	81
84) 1,2,4-Trimethylbenzene	12.28	105	11474	1.830	ug/l	95
95) Naphthalene	14.52	128	39147	9.766	ug/l	98

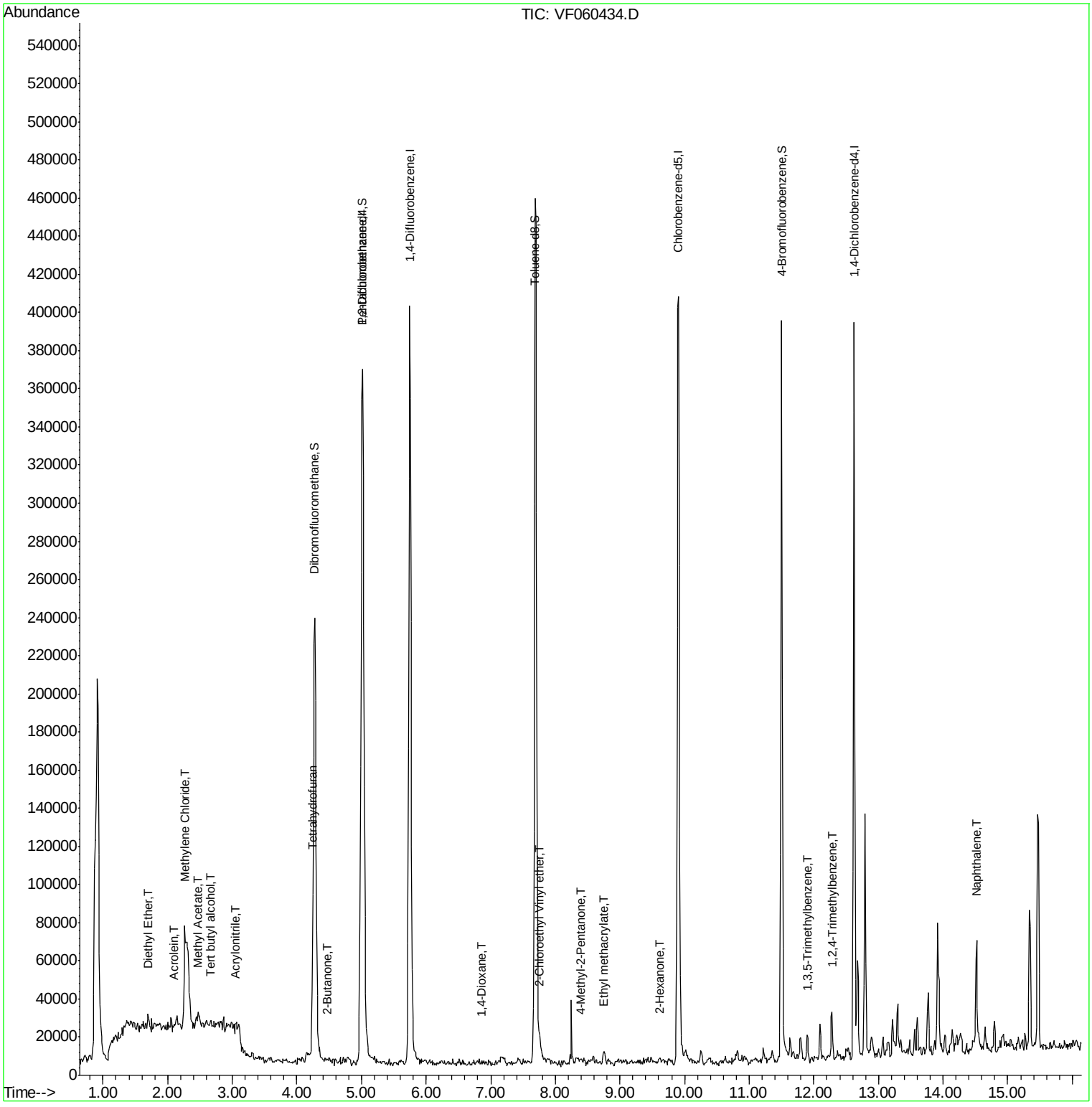
(#) = qualifier out of range (m) = manual integration (+) = signals summed

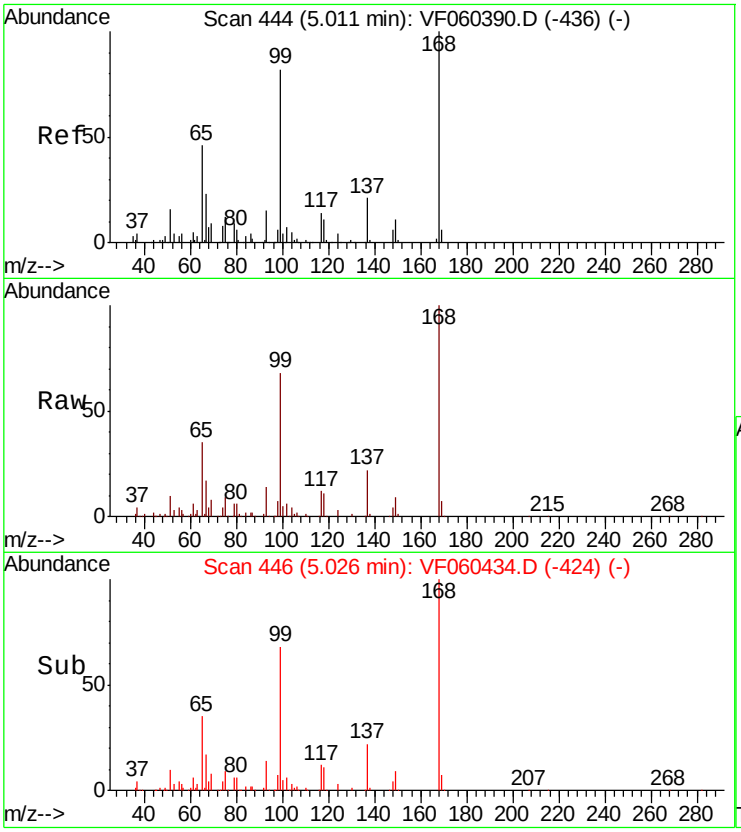
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100318\
Data File : VF060434.D
Acq On : 4 Oct 2018 00:14
Operator : VA/AP
Sample : J5198-09
Misc : 6.78/5mL/MSVOA F/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : CL-01-100218-E

Quant Time: Oct 04 05:25:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration



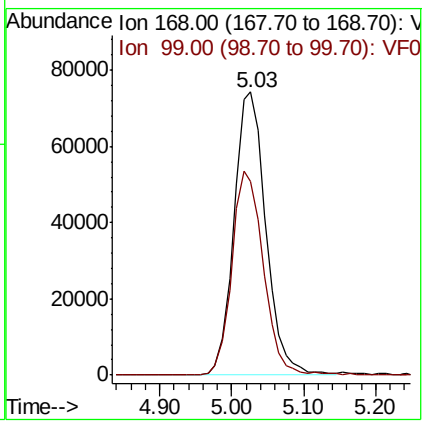


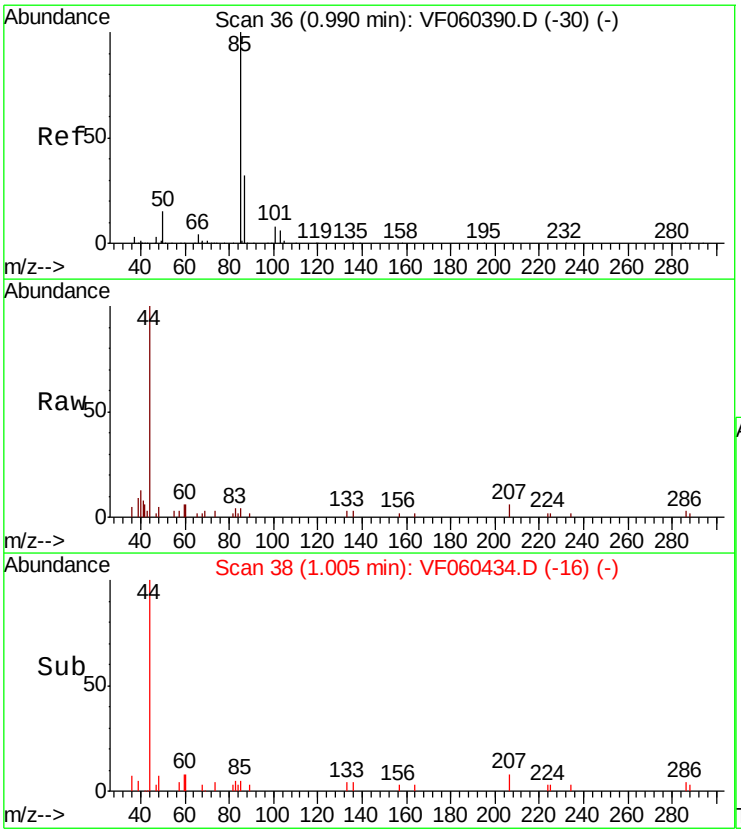
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 446
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Instrument :
MSVOA_F
ClientSampleId :
CL-01-100218-E

Tgt Ion:168 Resp: 229084

Ion	Ratio	Lower	Upper
168	100		
99	68.4	65.3	97.9

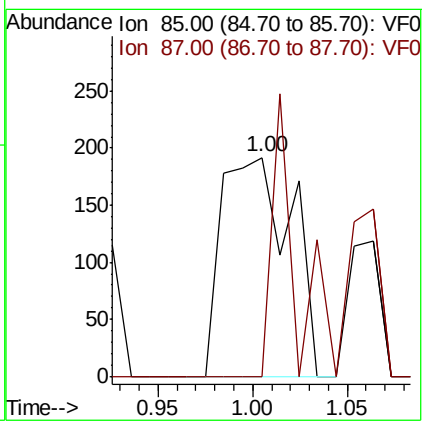


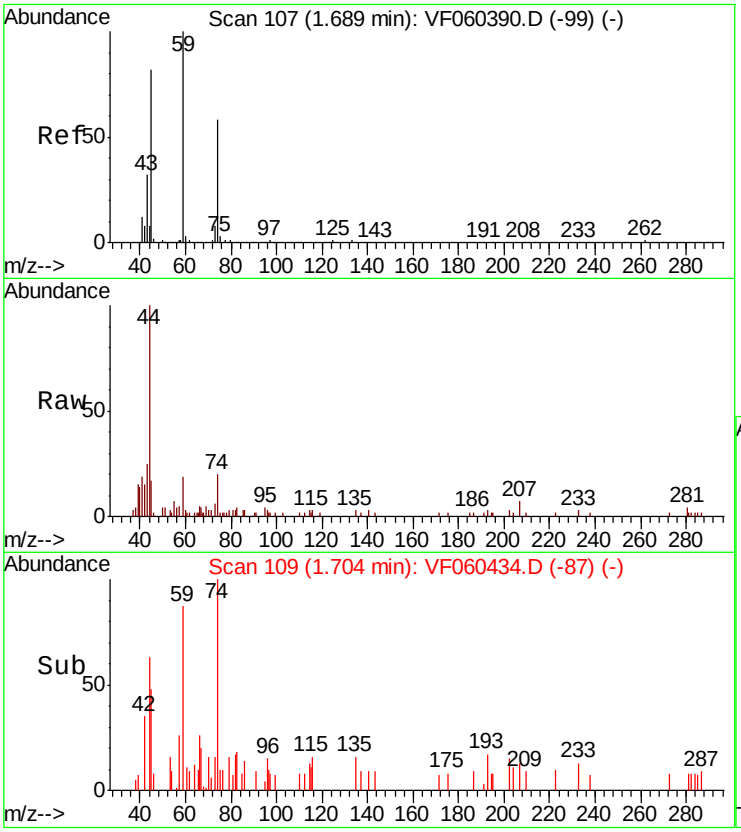


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.00 min Scan# 38
Delta R.T. 0.02 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Tgt Ion: 85 Resp: 490

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.6#



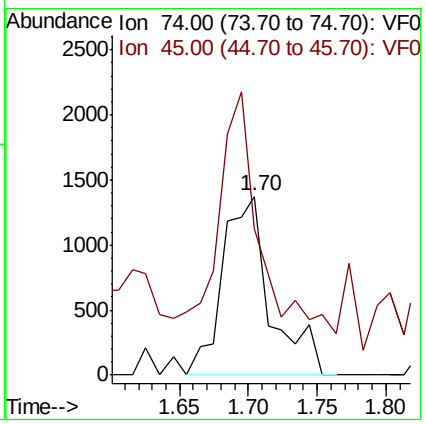


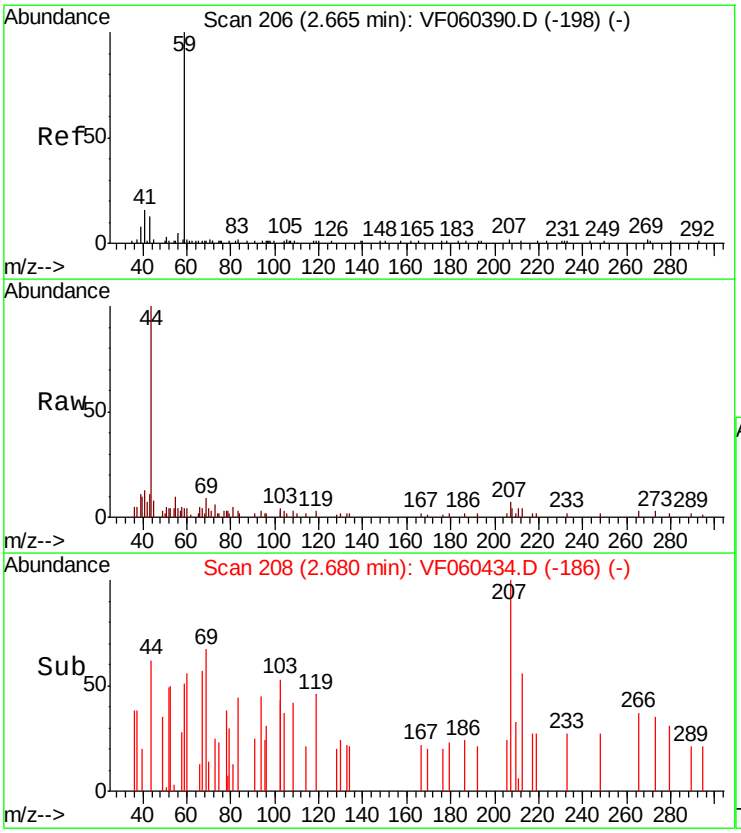
#8
Diethyl Ether
Concen: 3.208 ug/l
RT: 1.70 min Scan# 109
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Instrument : MSVOA_F
ClientSampleId : CL-01-100218-E

Tgt Ion: 74 Resp: 3301

Ion	Ratio	Lower	Upper
74	100		
45	82.0	71.3	213.8

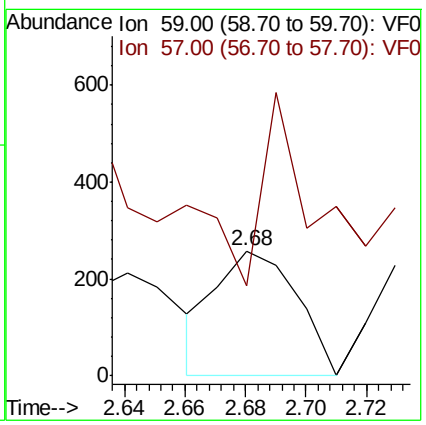


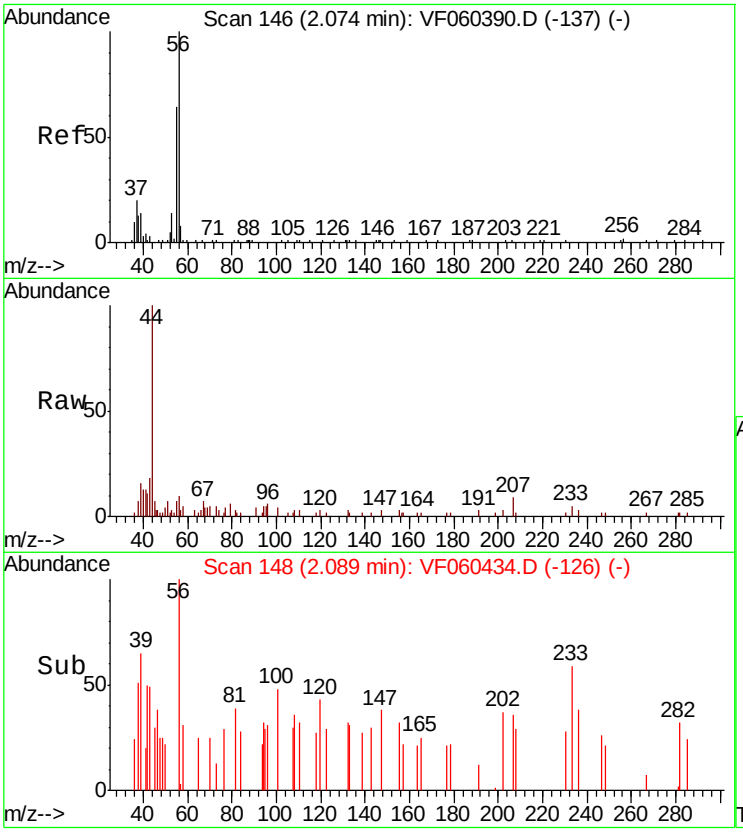


#11
Tert butyl alcohol
Concen: 2.195 ug/l
RT: 2.68 min Scan# 208
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Tgt Ion: 59 Resp: 476

Ion	Ratio	Lower	Upper
59	100		
57	72.0	6.5	9.7#



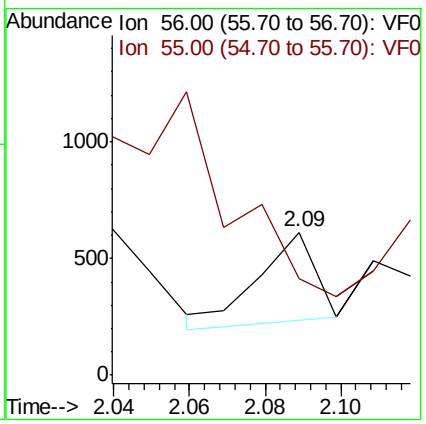


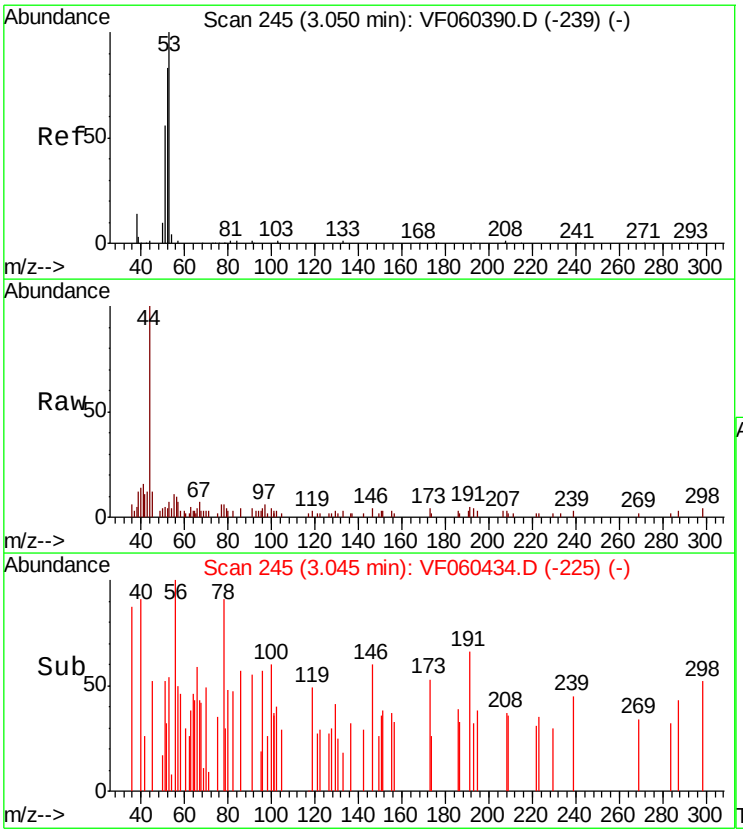
#13
Acrolein
Concen: 2.311 ug/l
RT: 2.09 min Scan# 148
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Instrument : MSVOA_F
ClientSampleId : CL-01-100218-E

Tgt Ion: 56 Resp: 403

Ion	Ratio	Lower	Upper
56	100		
55	67.4	53.9	80.9

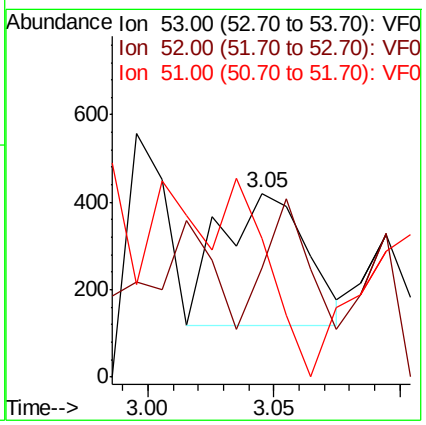


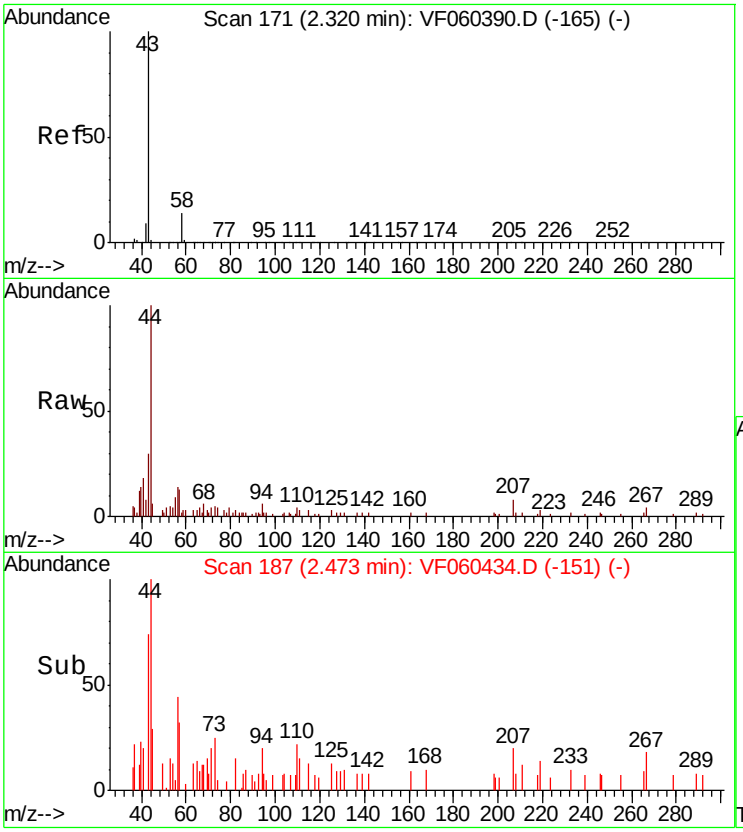


#15
Acrylonitrile
Concen: 1.951 ug/l
RT: 3.05 min Scan# 245
Delta R.T. -0.00 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Tgt Ion: 53 Resp: 725

Ion	Ratio	Lower	Upper
53	100		
52	59.6	66.0	99.0#
51	75.5	45.6	68.4#



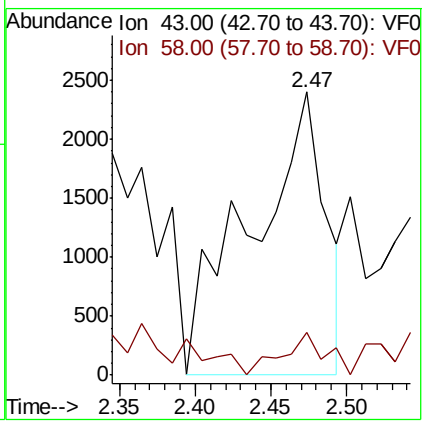


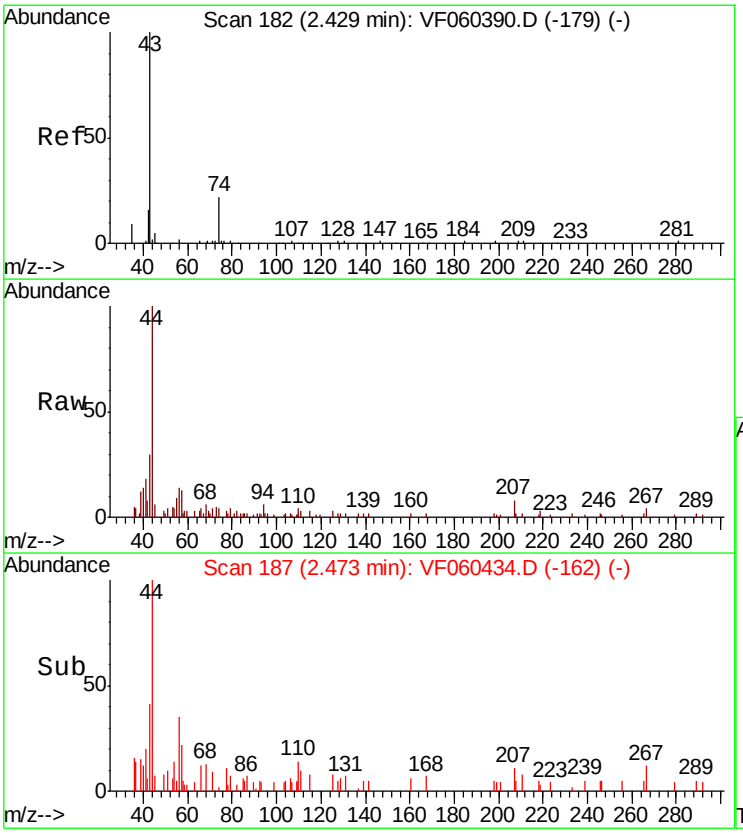
#16
Acetone
Concen: Below Cal
RT: 2.47 min Scan# 187
Delta R.T. 0.15 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Instrument : MSVOA_F
ClientSampleId : CL-01-100218-E

Tgt Ion: 43 Resp: 8200

Ion	Ratio	Lower	Upper
43	100		
58	15.2	11.2	16.8

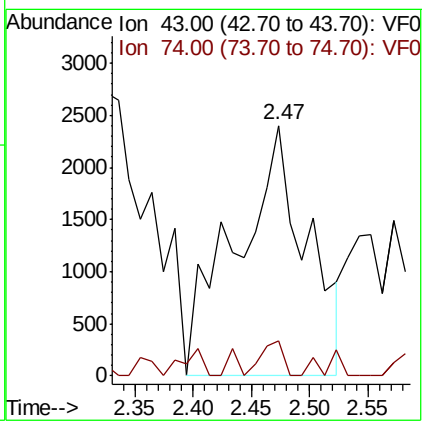


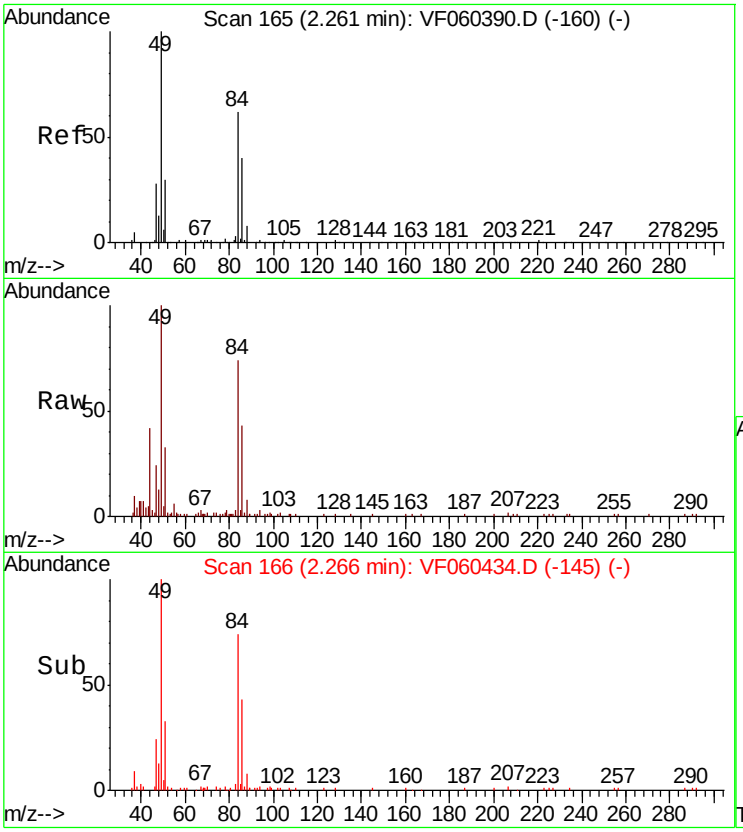


#18
Methyl Acetate
Concen: 5.938 ug/l
RT: 2.47 min Scan# 187
Delta R.T. 0.05 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Tgt Ion: 43 Resp: 10111

Ion	Ratio	Lower	Upper
43	100		
74	14.0	15.8	23.8#



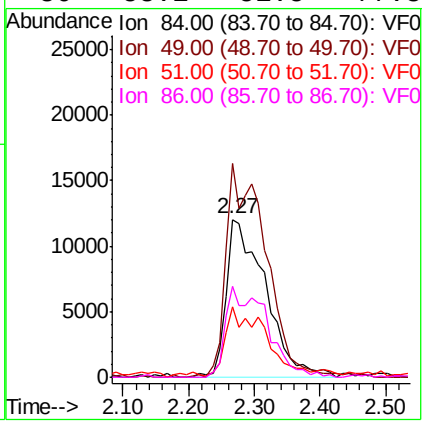


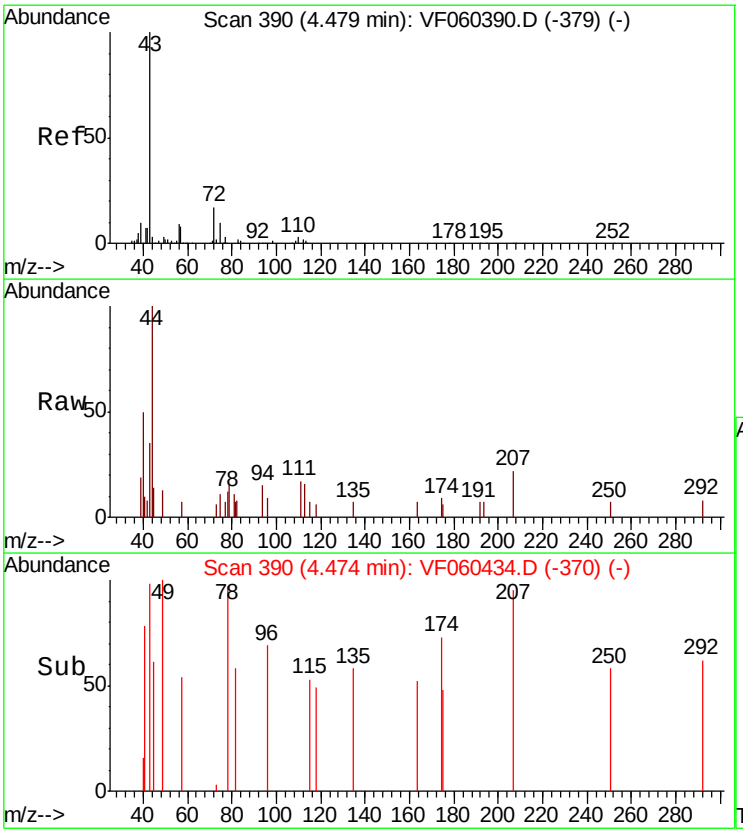
#20
Methylene Chloride
Concen: 15.480 ug/l
RT: 2.27 min Scan# 166
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Instrument : MSVOA_F
ClientSampleId : CL-01-100218-E

Tgt Ion: 84 Resp: 50559

Ion	Ratio	Lower	Upper
84	100		
49	135.6	130.2	195.2
51	44.8	41.0	61.6
86	58.1	51.5	77.3

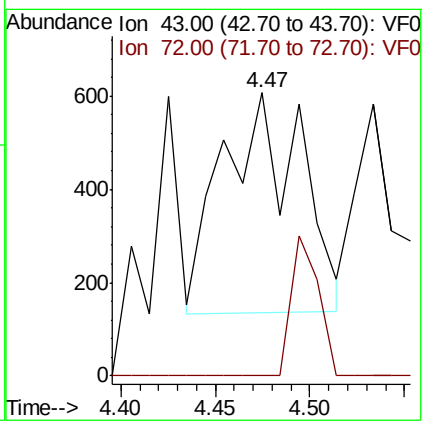


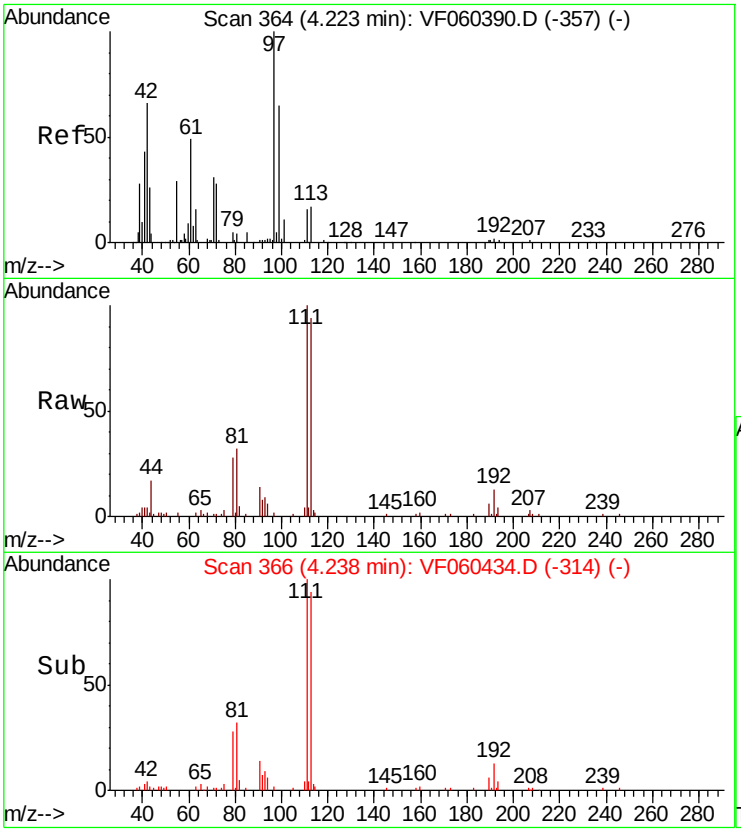


#25
2-Butanone
Concen: 1.454 ug/l
RT: 4.47 min Scan# 390
Delta R.T. -0.00 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Tgt Ion: 43 Resp: 1350

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.1	21.1#



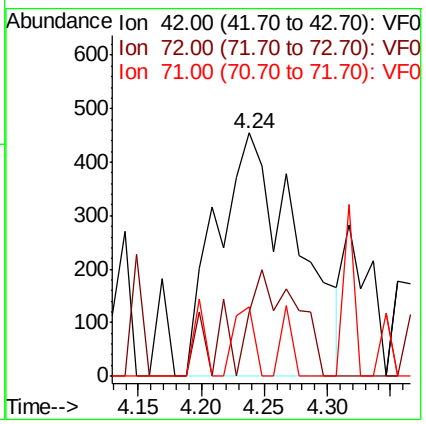


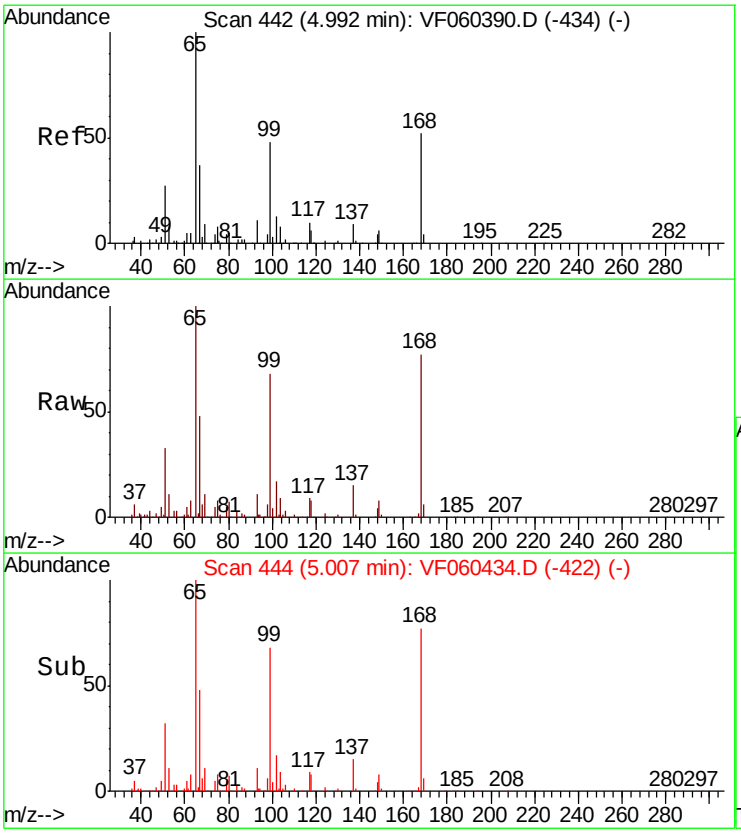
#29
Tetrahydrofuran
Concen: 1.134 ug/l
RT: 4.24 min Scan# 366
Delta R.T. 0.02 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Instrument : MSVOA_F
ClientSampleId : CL-01-100218-E

Tgt Ion: 42 Resp: 1992

Ion	Ratio	Lower	Upper
42	100		
72	29.4	33.6	50.4#
71	7.2	32.7	49.1#

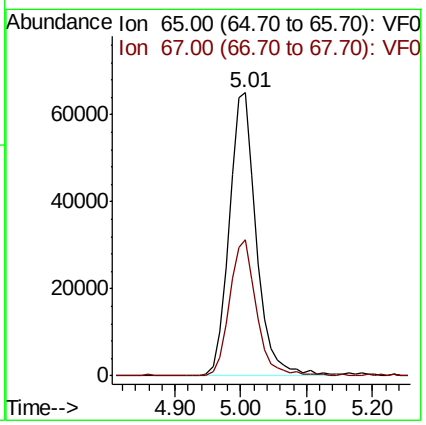


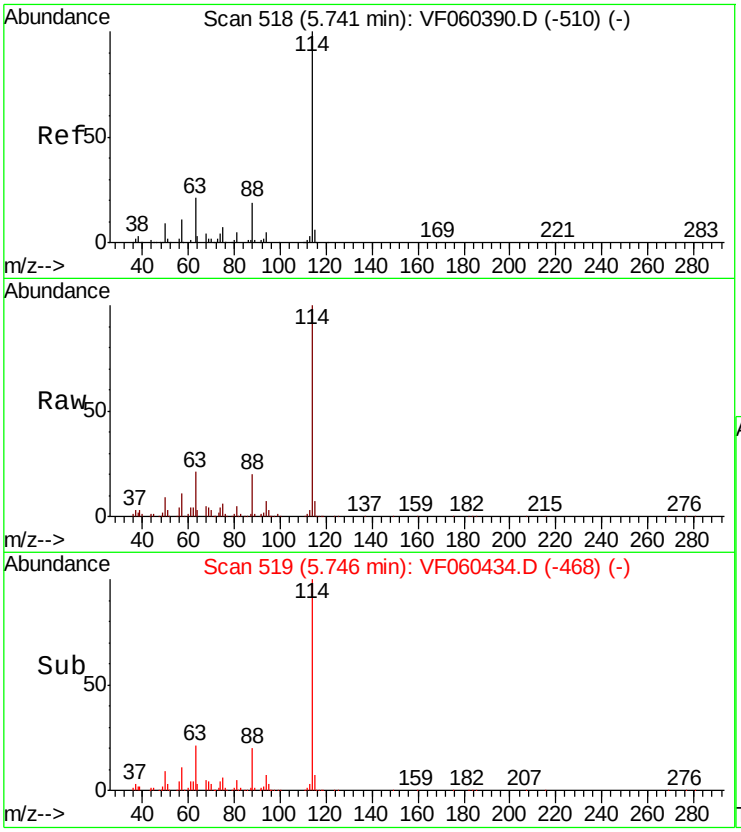


#33
1,2-Dichloroethane-d4
Concen: 52.288 ug/l
RT: 5.01 min Scan# 444
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Tgt Ion: 65 Resp: 187433

Ion	Ratio	Lower	Upper
65	100		
67	48.3	0.0	89.4



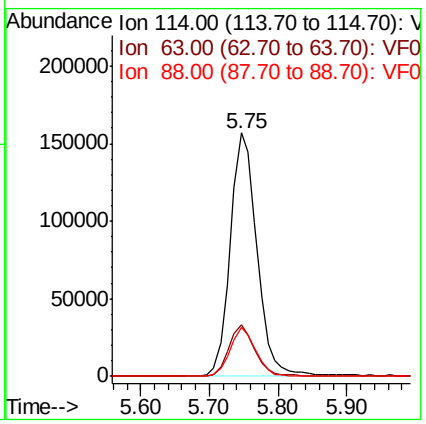


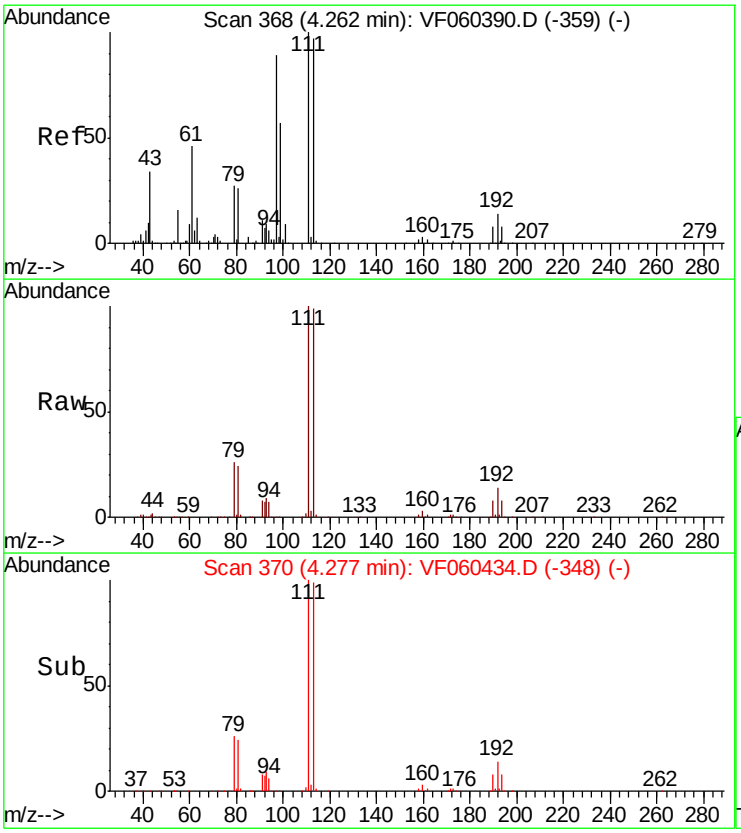
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 519
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Instrument :
MSVOA_F
ClientSampleId :
CL-01-100218-E

Tgt Ion:114 Resp: 420689

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	42.2
88	20.2	0.0	38.8

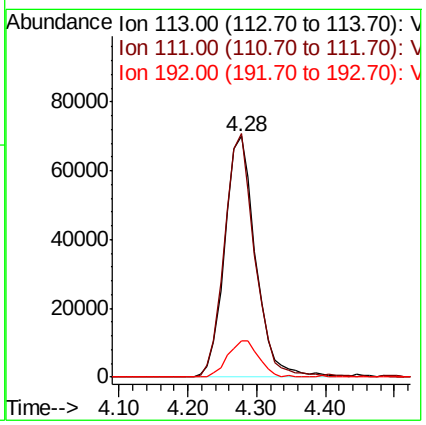


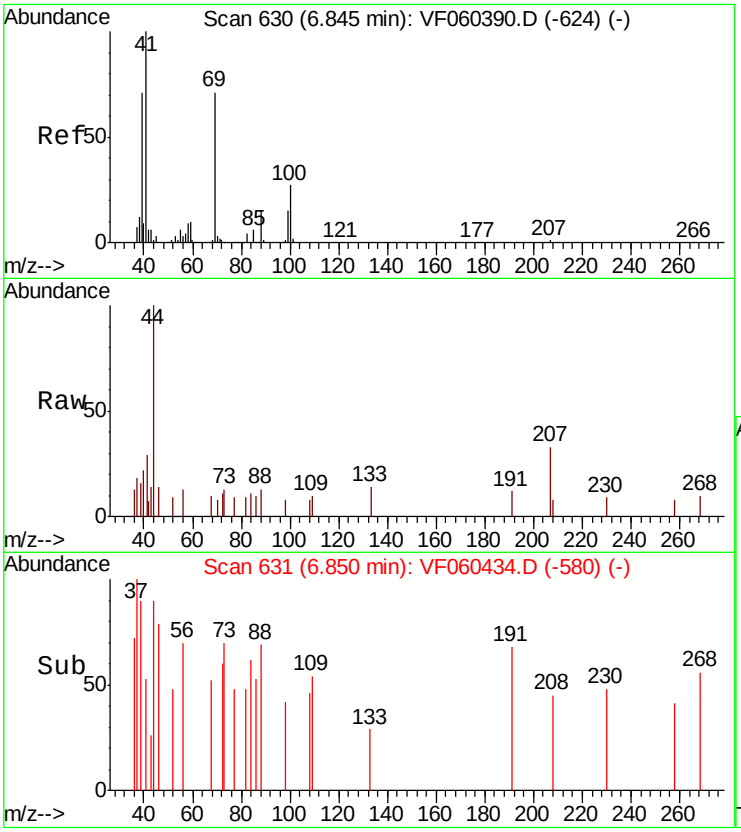


#35
Dibromofluoromethane
Concen: 55.005 ug/l
RT: 4.28 min Scan# 370
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Tgt Ion:113 Resp: 217386

Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.3	123.5
192	15.2	11.8	17.6



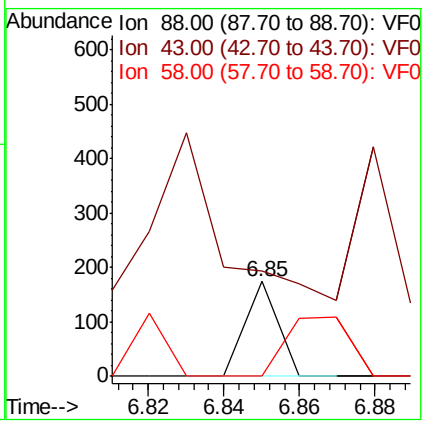


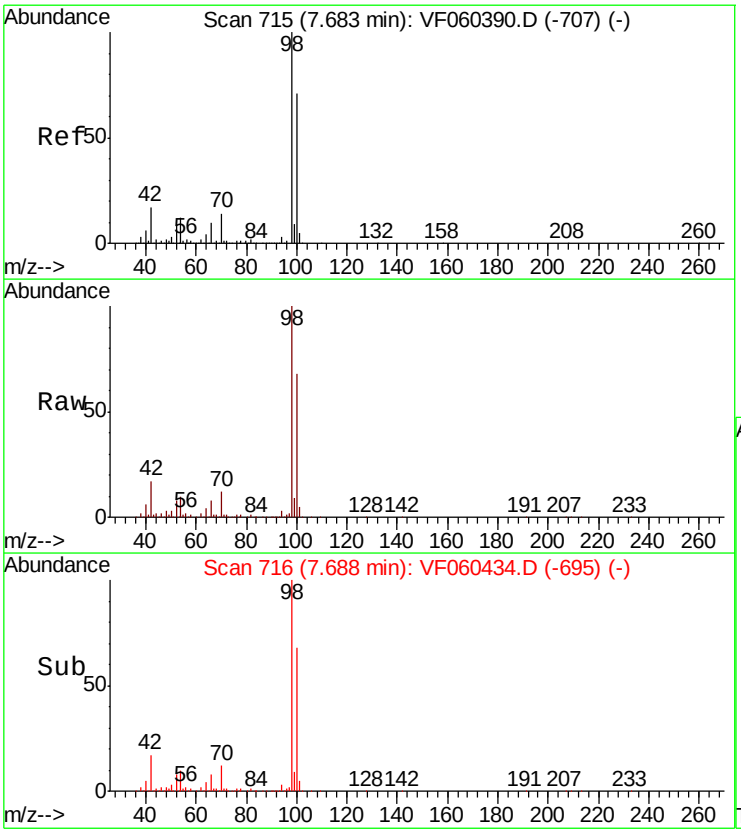
#49
1,4-Dioxane
Concen: 6.933 ug/l
RT: 6.85 min Scan# 631
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Instrument :
MSVOA_F
ClientSampleId :
CL-01-100218-E

Tgt Ion: 88 Resp: 103

Ion	Ratio	Lower	Upper
88	100		
43	110.9	38.3	57.5#
58	0.0	47.4	71.2#

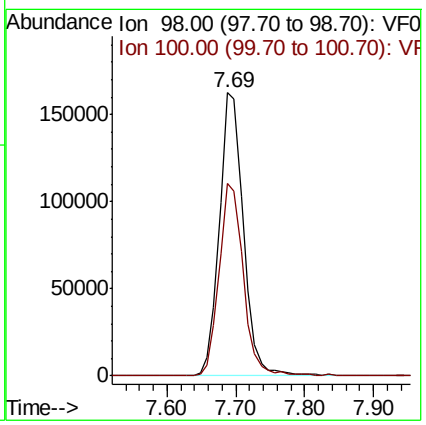


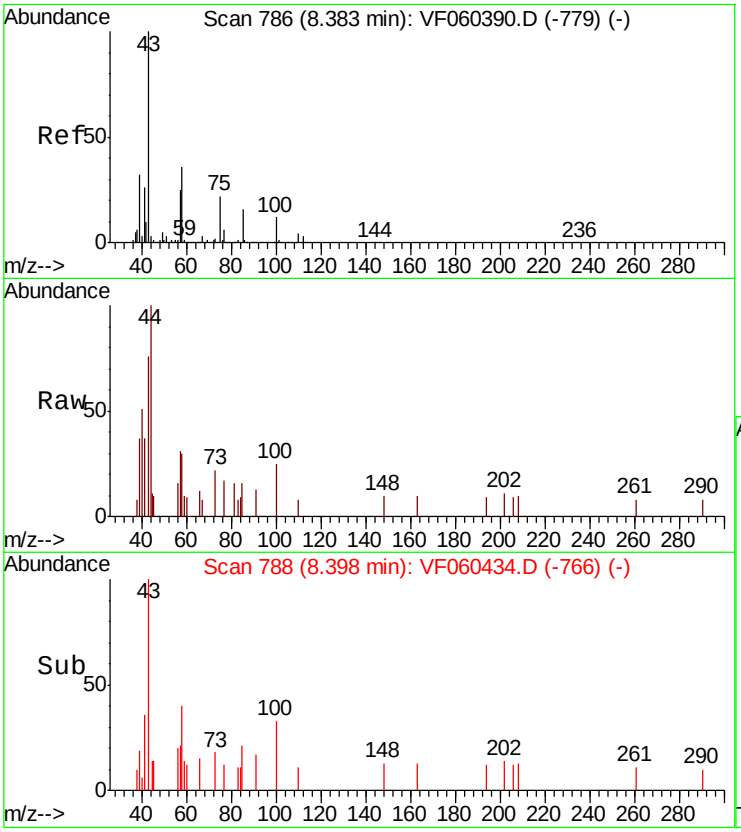


#50
Toluene-d8
Concen: 40.442 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Tgt Ion: 98 Resp: 393634

Ion	Ratio	Lower	Upper
98	100		
100	68.1	56.5	84.7



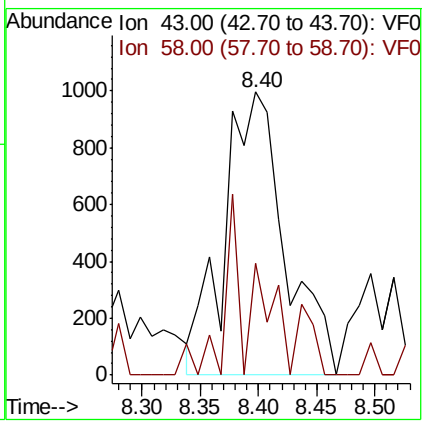


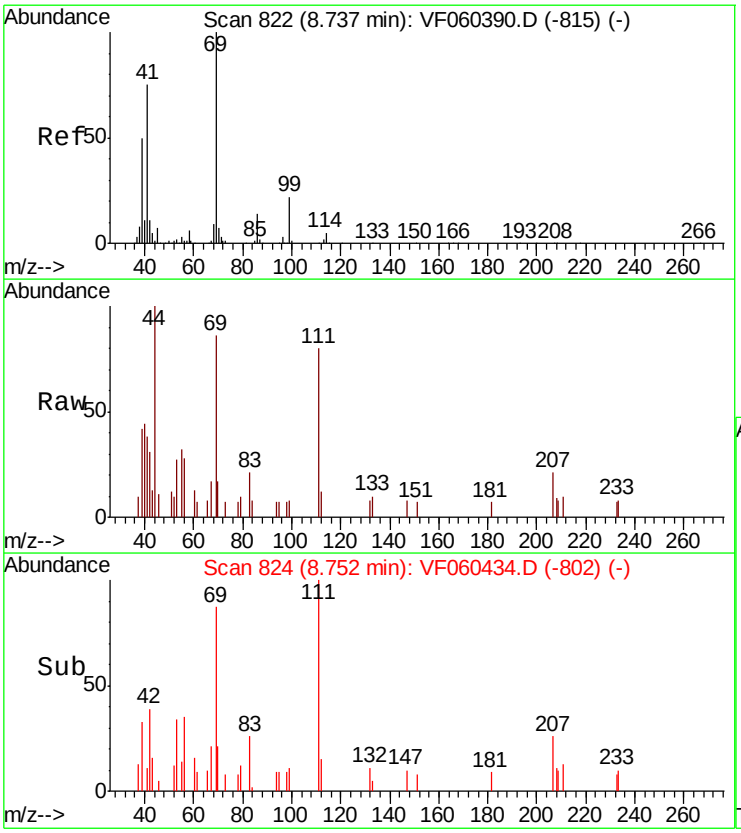
#51
4-Methyl-2-Pentanone
Concen: 2.110 ug/l
RT: 8.40 min Scan# 788
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Instrument : MSVOA_F
ClientSampleId : CL-01-100218-E

Tgt Ion: 43 Resp: 3606

Ion	Ratio	Lower	Upper
43	100		
58	39.6	28.5	42.7

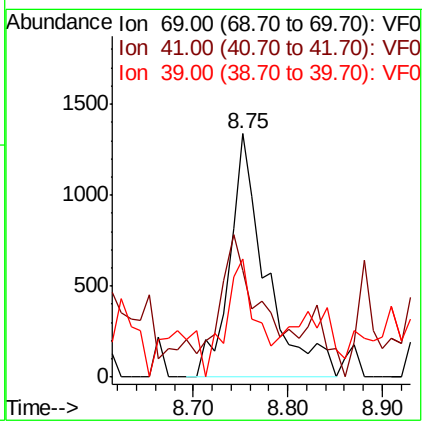


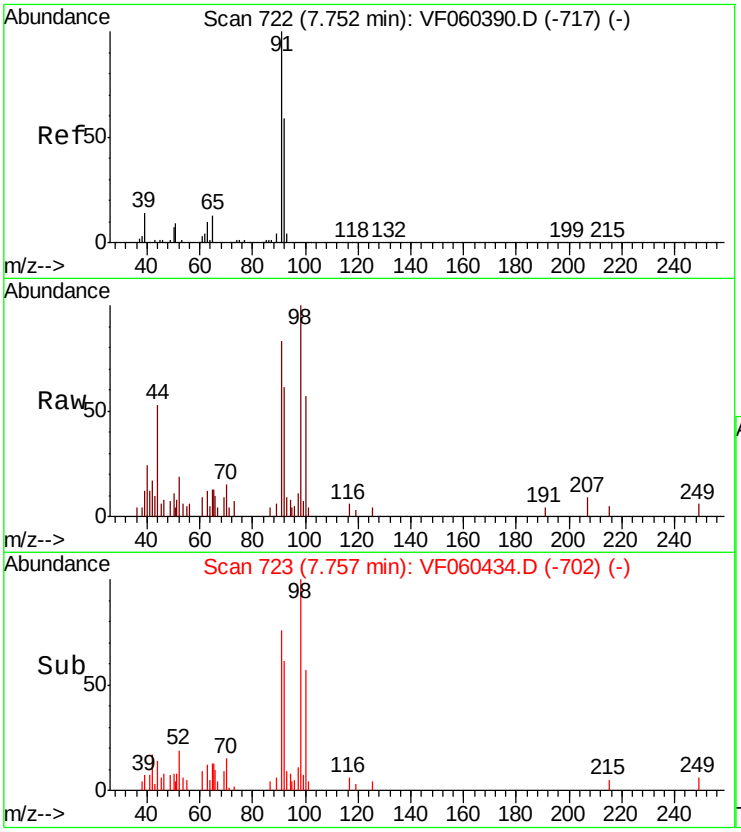


#56
Ethyl methacrylate
Concen: 1.417 ug/l
RT: 8.75 min Scan# 824
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Tgt Ion: 69 Resp: 3569

Ion	Ratio	Lower	Upper
69	100		
41	43.6	60.2	90.4#
39	48.7	40.2	60.2



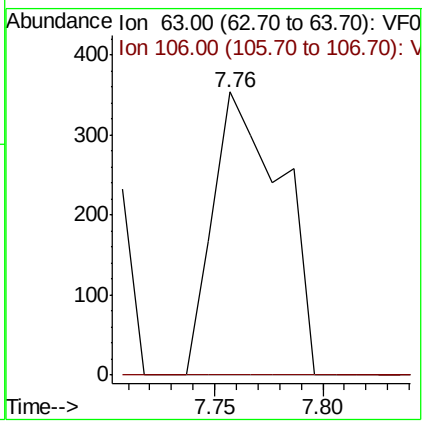


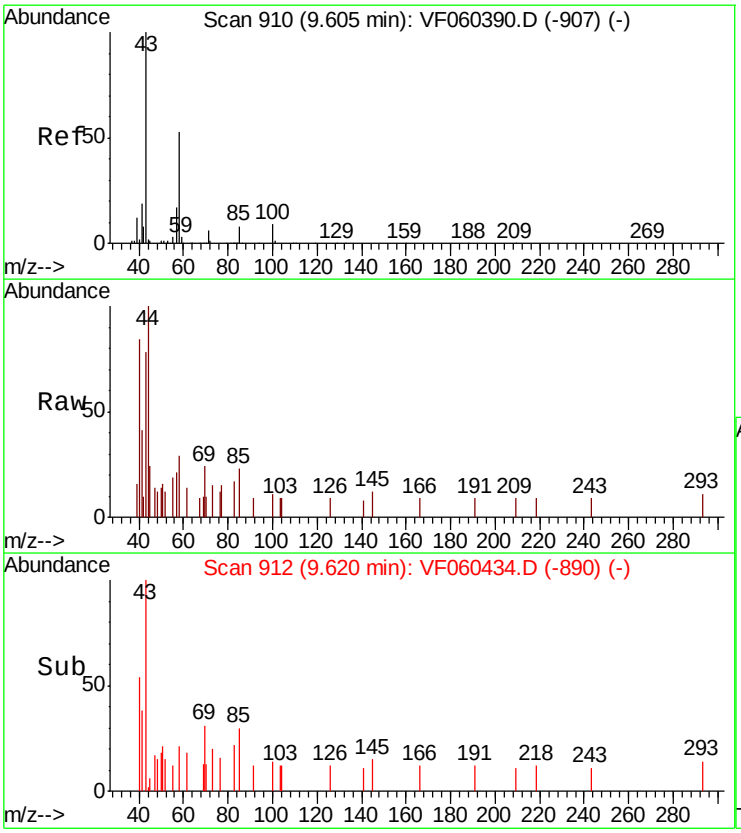
#58
2-Chloroethyl Vinyl ether
Concen: 3.024 ug/l
RT: 7.76 min Scan# 723
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Instrument : MSVOA_F
ClientSampleId : CL-01-100218-E

Tgt Ion: 63 Resp: 778

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

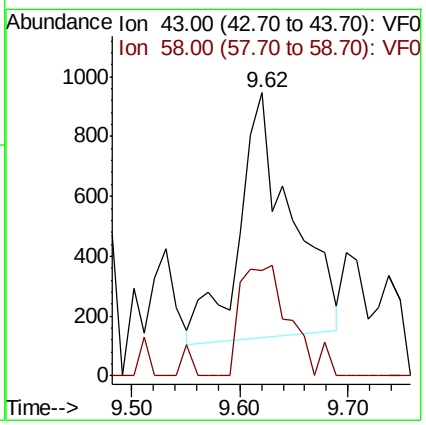


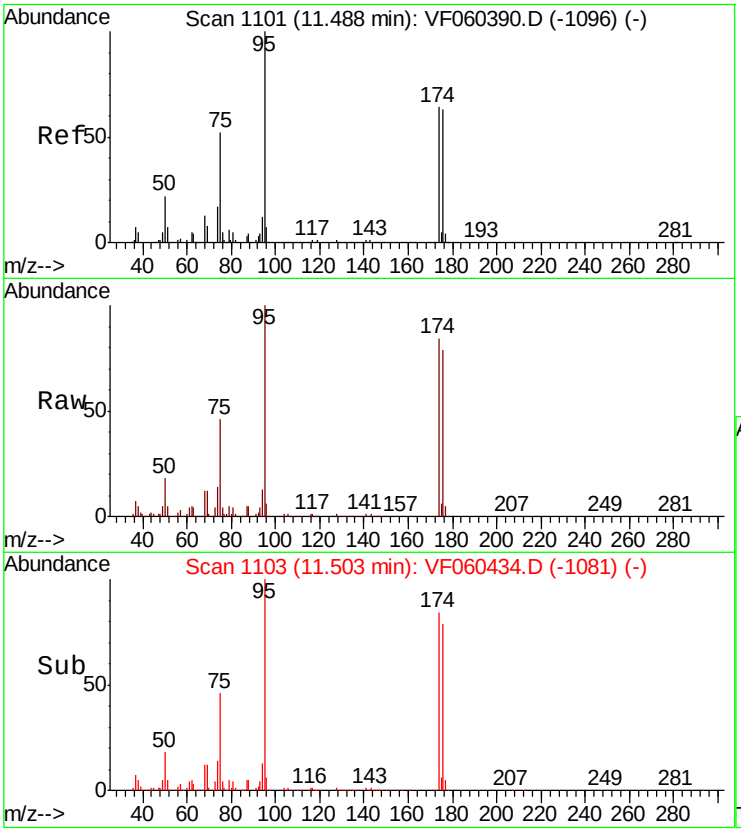


#59
2-Hexanone
Concen: 2.211 ug/l
RT: 9.62 min Scan# 912
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Tgt Ion: 43 Resp: 2771

Ion	Ratio	Lower	Upper
43	100		
58	37.4	25.6	76.6



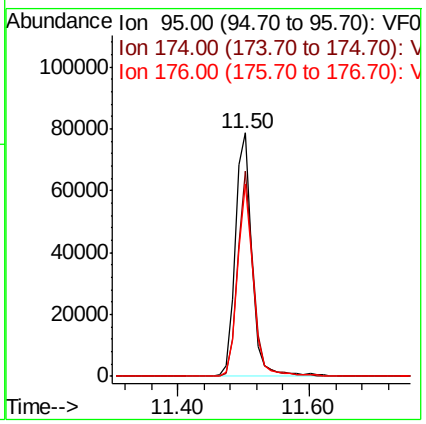


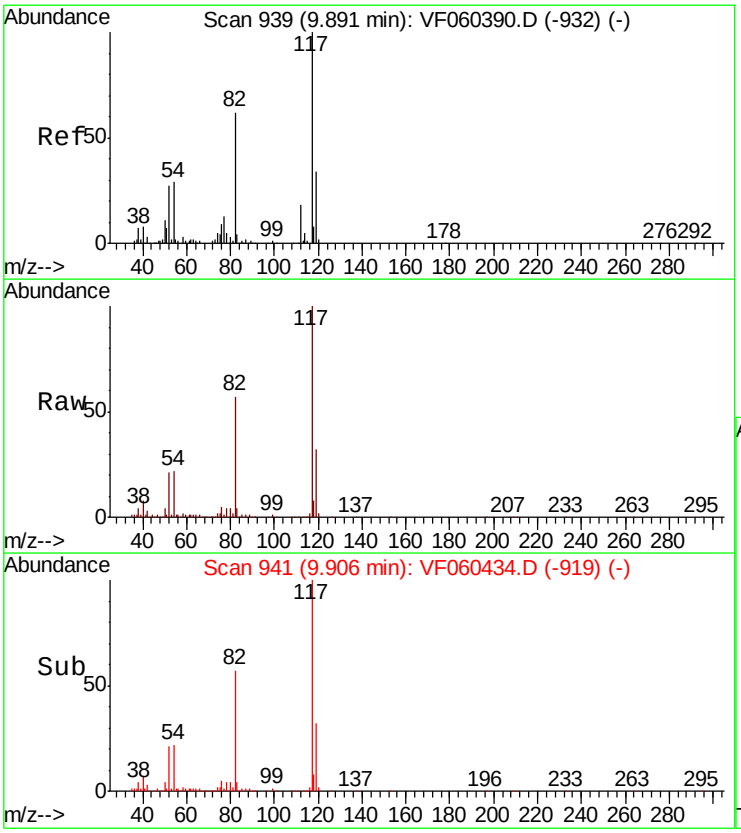
#62
4-Bromofluorobenzene
Concen: 31.439 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Instrument : MSVOA_F
ClientSampleId : CL-01-100218-E

Tgt Ion: 95 Resp: 139718

Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	129.0
176	79.1	0.0	125.6

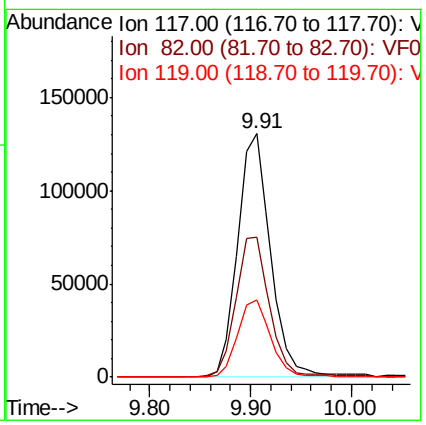


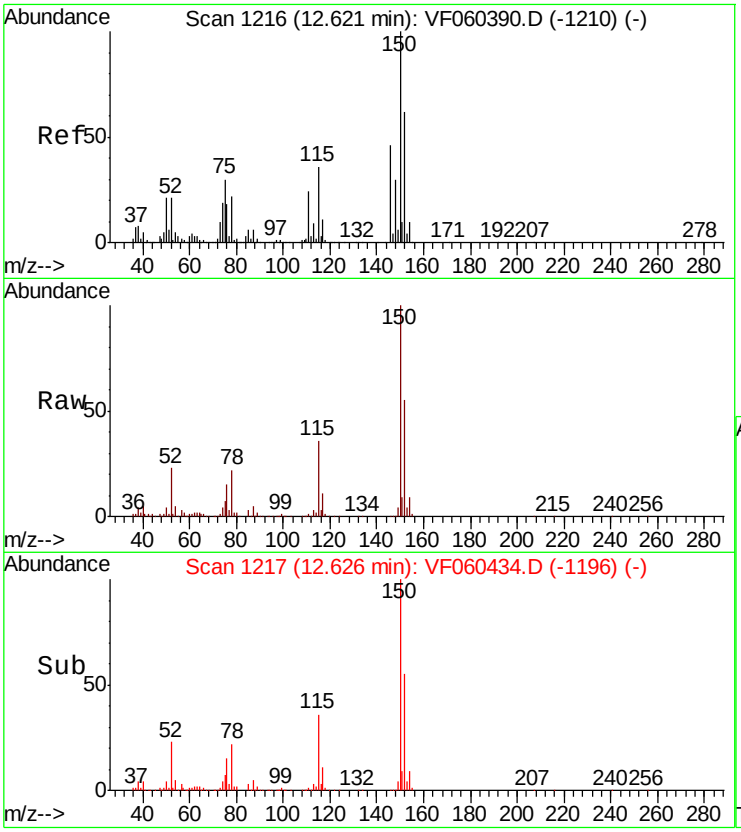


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Tgt Ion:117 Resp: 296292

Ion	Ratio	Lower	Upper
117	100		
82	57.4	49.5	74.3
119	31.6	27.0	40.6



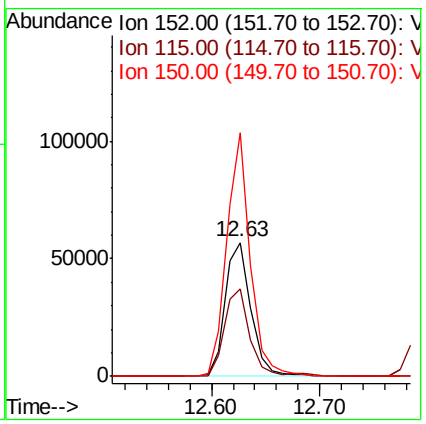


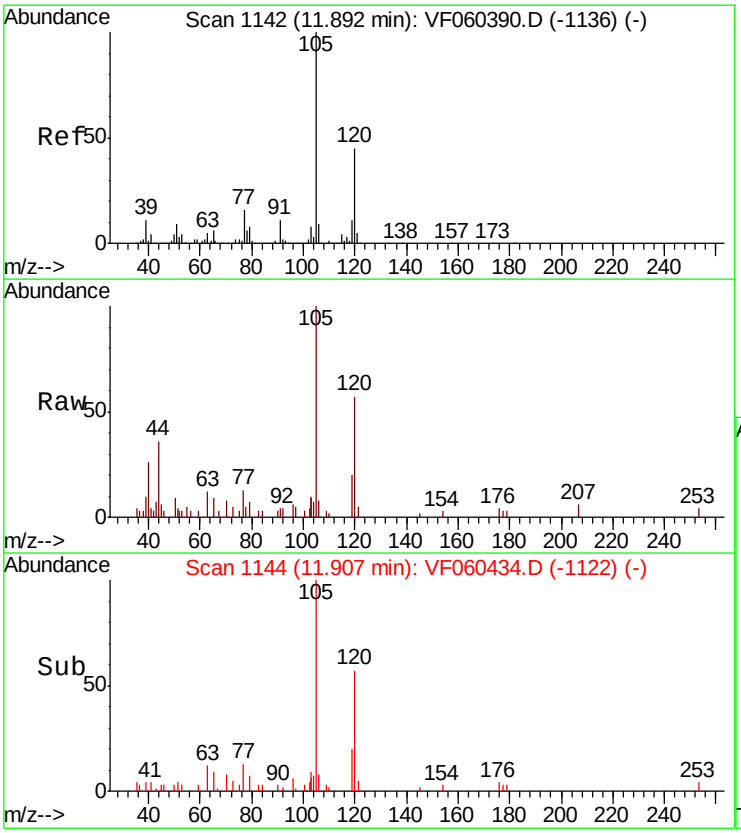
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Instrument :
MSVOA_F
ClientSampleId :
CL-01-100218-E

Tgt Ion:152 Resp: 94517

Ion	Ratio	Lower	Upper
152	100		
115	65.3	28.6	85.8
150	181.6	0.0	324.6

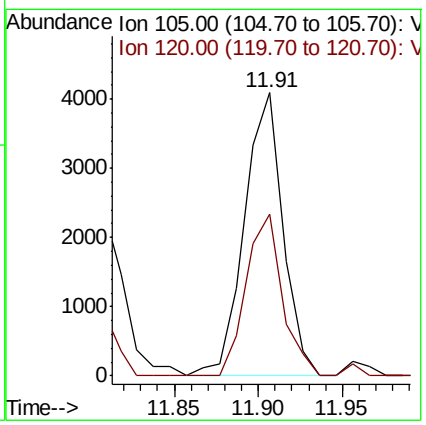


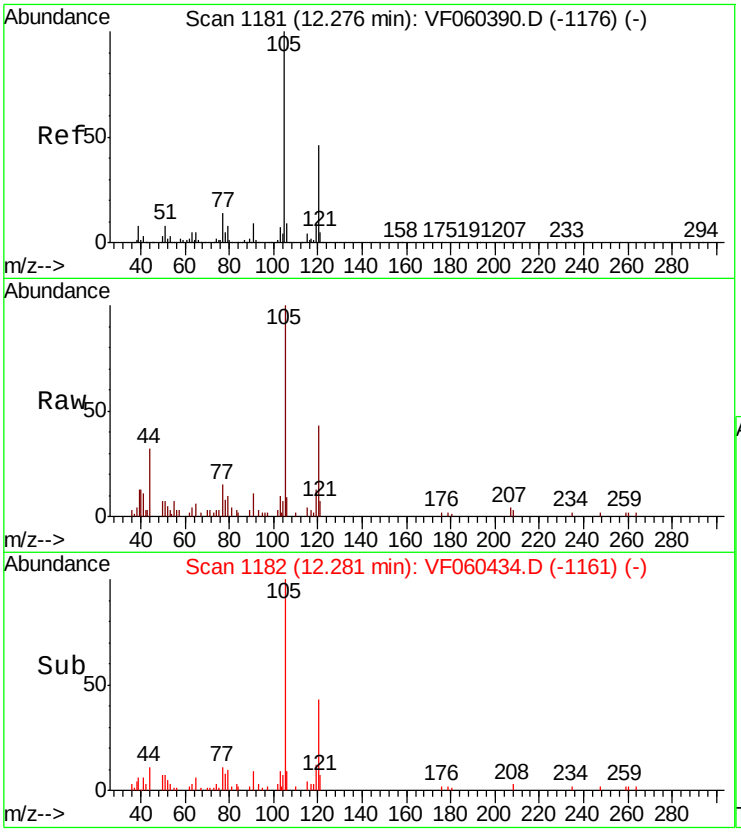


#80
1,3,5-Trimethylbenzene
Concen: 1.030 ug/l
RT: 11.91 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Tgt Ion:105 Resp: 6513

Ion	Ratio	Lower	Upper
105	100		
120	57.0	22.3	66.9



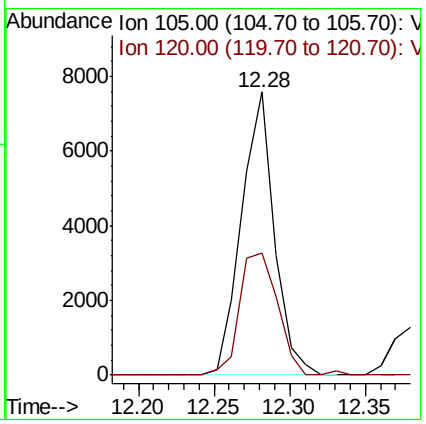


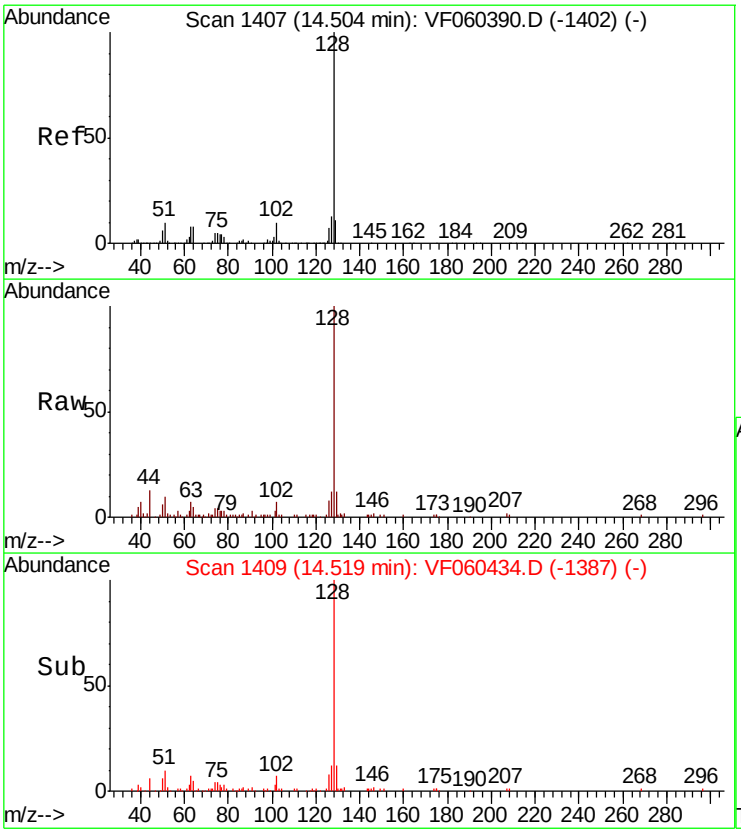
#84
1,2,4-Trimethylbenzene
Concen: 1.830 ug/l
RT: 12.28 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Instrument :
MSVOA_F
ClientSampleId :
CL-01-100218-E

Tgt Ion:105 Resp: 11474

Ion	Ratio	Lower	Upper
105	100		
120	43.1	23.1	69.2





#95
Naphthalene
Concen: 9.766 ug/l
RT: 14.52 min Scan# 1409
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Tgt Ion:128 Resp: 39147

Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.0	15.0
129	12.0	8.7	13.1