Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100318\
Data File : VF060422.D
Acq On : 3 Oct 2018 18:45
Operator : VA/AP
Sample : J5200-03
Misc : 6.24/5mL/MSVOA_F/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OR-02-100118-B

Quant Time: Oct 04 05:22:50 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	5.02	168	207472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	351695	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	163351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	116315	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	185279	57.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.14%			
35) Dibromofluoromethane	4.27	113	185288	56.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.16%			
50) Toluene-d8	7.69	98	110881	13.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 27.26%			
62) 4-Bromofluorobenzene	11.49	95	134857	36.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 72.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.00	85	492	Below Cal		86
8) Diethyl Ether	1.70	74	2525	2.710	ug/l	90
11) Tert butyl alcohol	2.66	59	1169	5.953	ug/l #	1
13) Acrolein	2.11	56	388	2.457	ug/l #	1
15) Acrylonitrile	3.07	53	1297	3.855	ug/l #	71
16) Acetone	2.16	43	364	Below Cal		94
18) Methyl Acetate	2.40	43	841	Below Cal		95
20) Methylene Chloride	2.26	84	8066	Below Cal #		91
25) 2-Butanone	4.50	43	2352	2.798	ug/l	98
29) Tetrahydrofuran	4.26	42	1963	1.645	ug/l #	54
41) Methacrylonitrile	4.92	41	1446	1.642	ug/l #	49
49) 1,4-Dioxane	6.84	88	97	7.810	ug/l #	57
58) 2-Chloroethyl Vinyl ether	7.77	63	1079	5.016	ug/l	100
59) 2-Hexanone	9.61	43	6424	6.131	ug/l	73
74) N-amyl acetate	11.44	43	4013	1.909	ug/l #	77
95) Naphthalene	14.51	128	6288	1.275	ug/l #	91

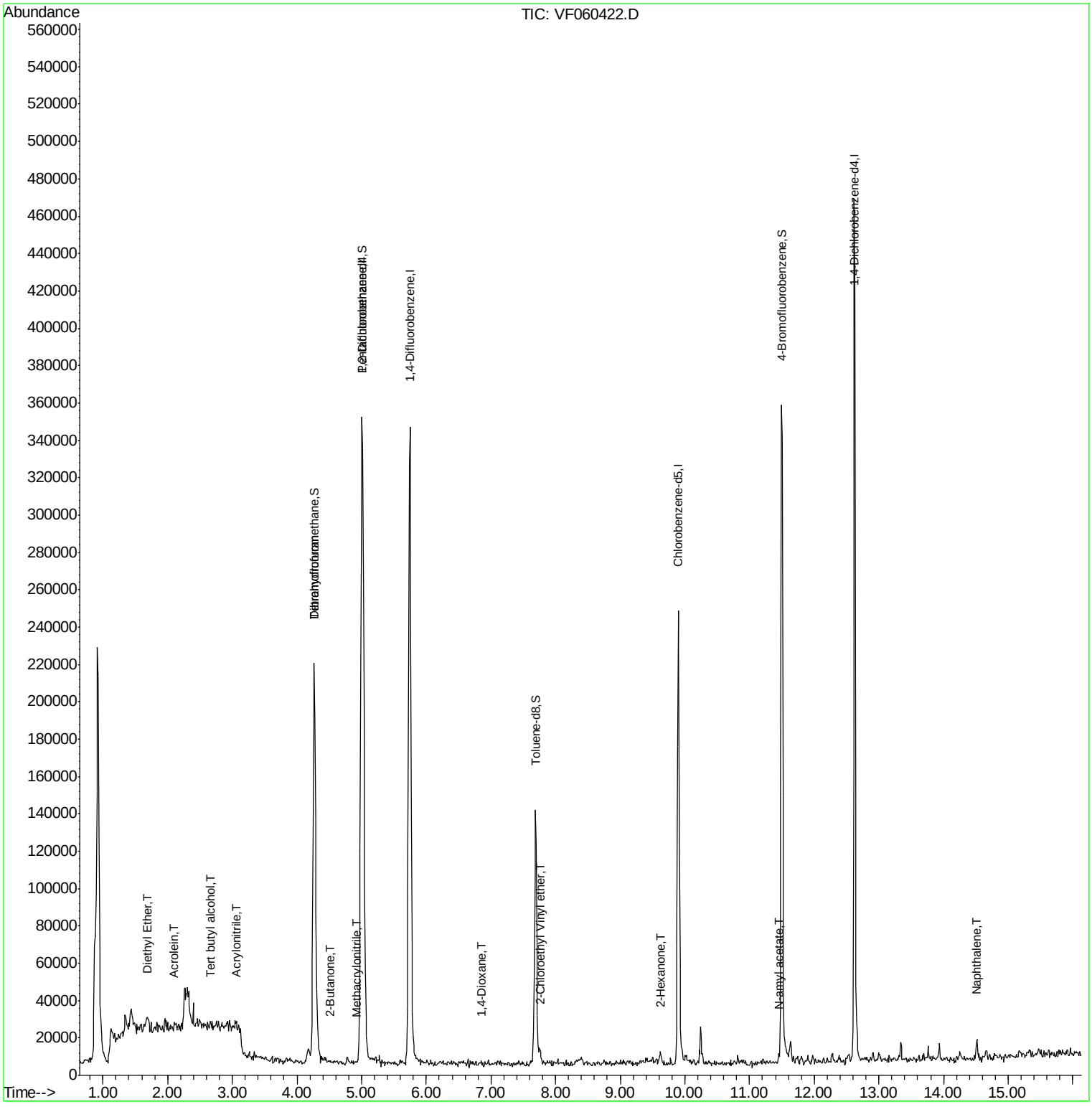
(#) = qualifier out of range (m) = manual integration (+) = signals summed

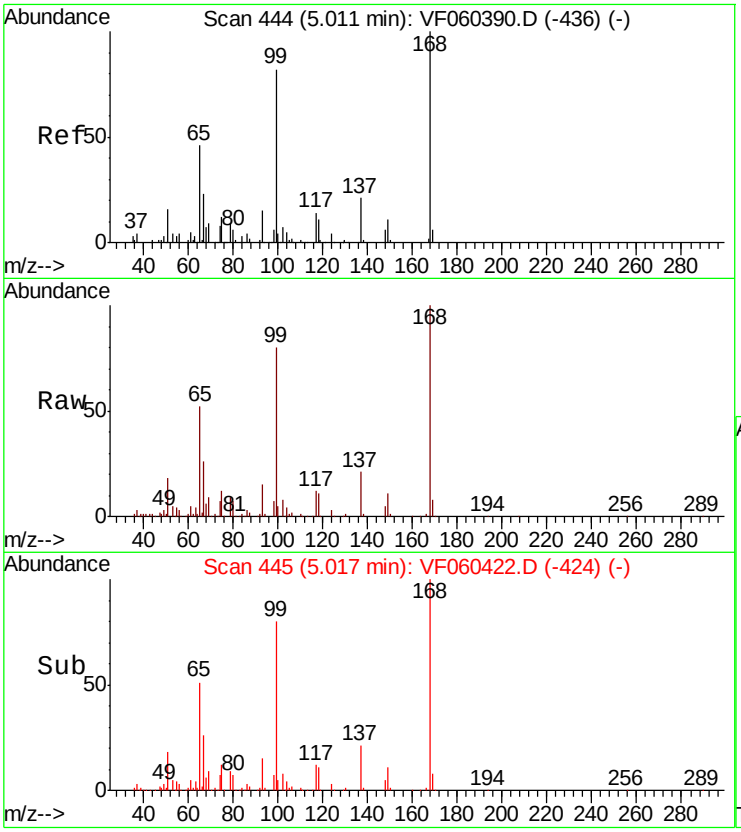
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100318\
Data File : VF060422.D
Acq On : 3 Oct 2018 18:45
Operator : VA/AP
Sample : J5200-03
Misc : 6.24/5mL/MSVOA F/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OR-02-100118-B

Quant Time: Oct 04 05:22:50 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



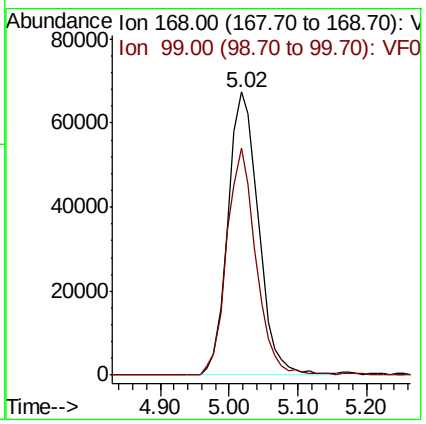


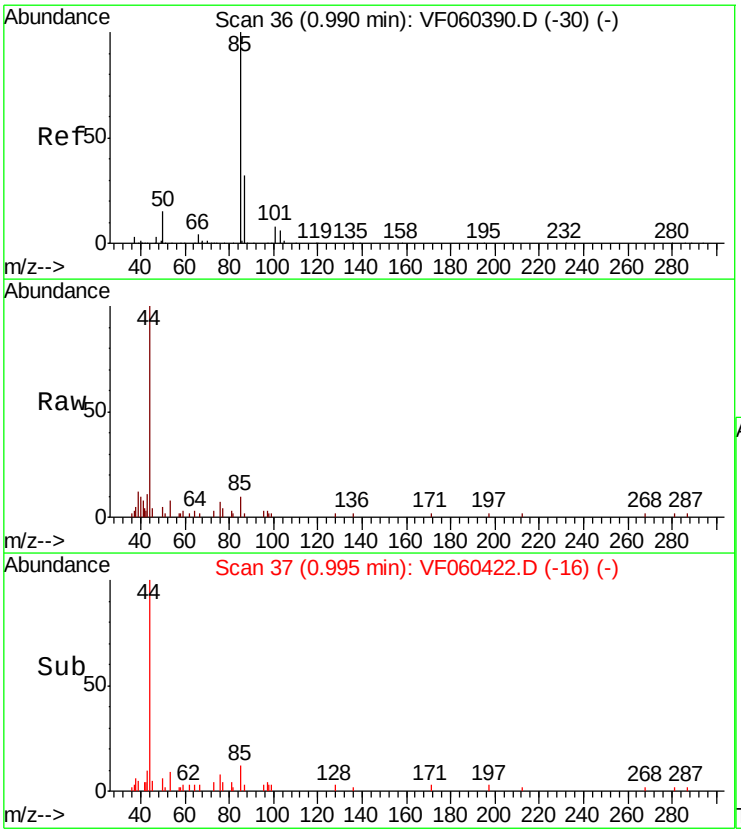
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.02 min Scan# 445
Delta R.T. 0.01 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
OR-02-100118-B

Tgt Ion:168 Resp: 207472

Ion	Ratio	Lower	Upper
168	100		
99	80.3	65.3	97.9

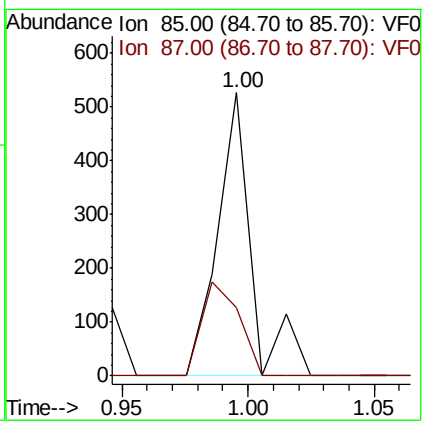


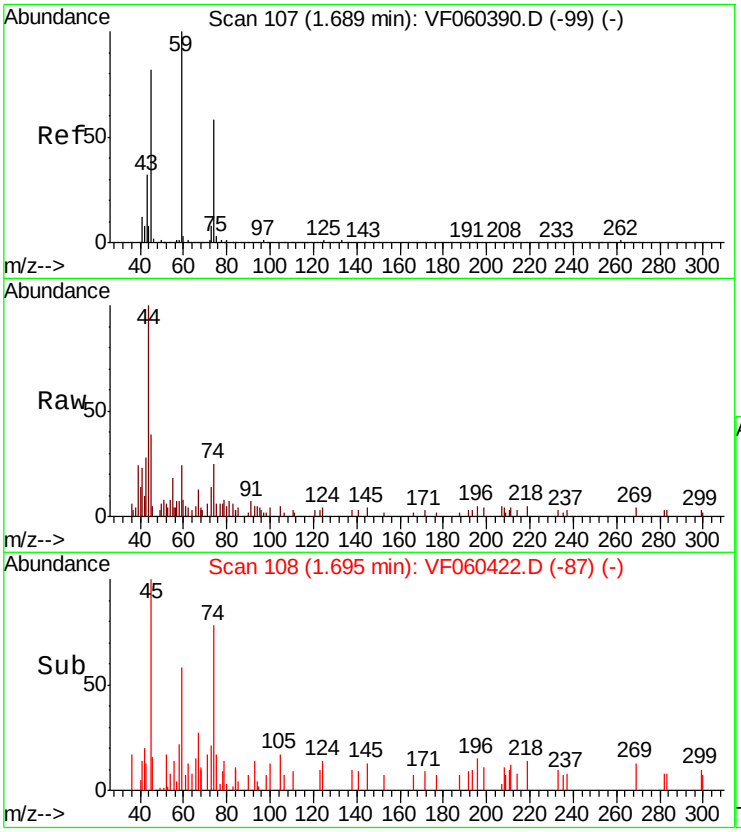


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.00 min Scan# 37
Delta R.T. 0.01 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Tgt Ion: 85 Resp: 492

Ion	Ratio	Lower	Upper
85	100		
87	24.1	15.9	47.6



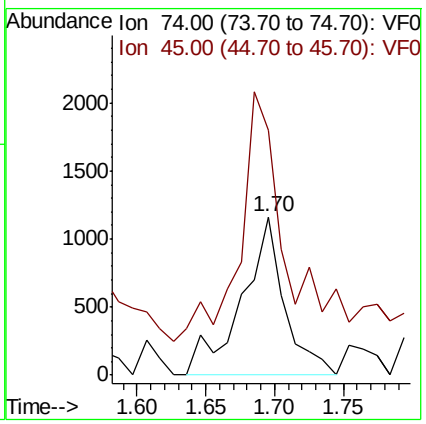


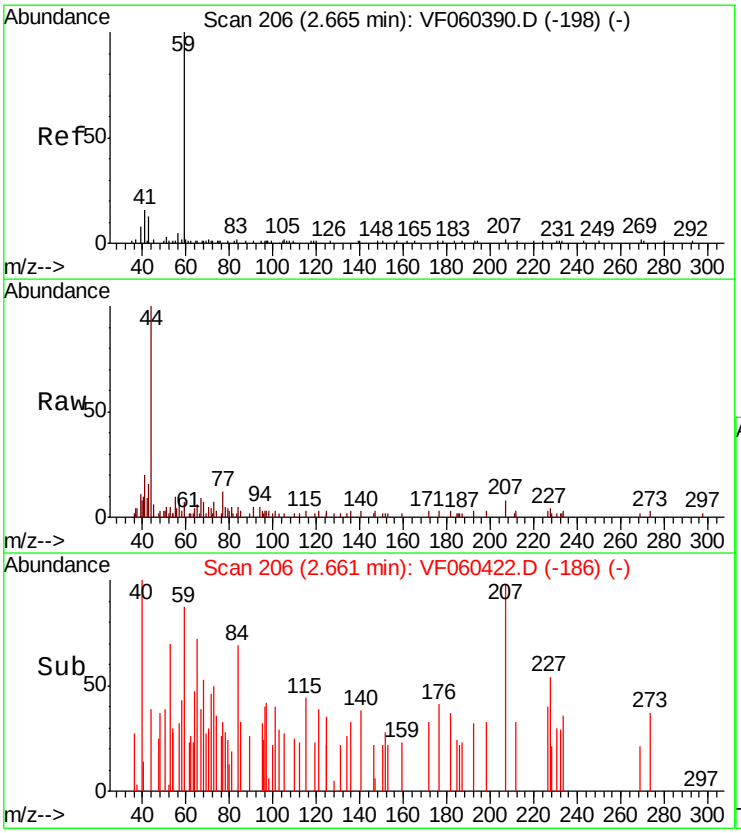
#8
Diethyl Ether
Concen: 2.710 ug/l
RT: 1.70 min Scan# 108
Delta R.T. 0.01 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Instrument : MSVOA_F
ClientSampleId : OR-02-100118-B

Tgt Ion: 74 Resp: 2525

Ion	Ratio	Lower	Upper
74	100		
45	154.5	71.3	213.8

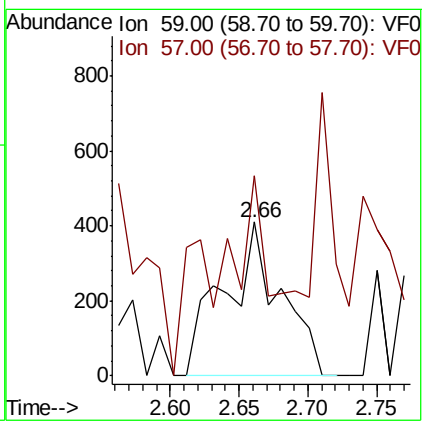


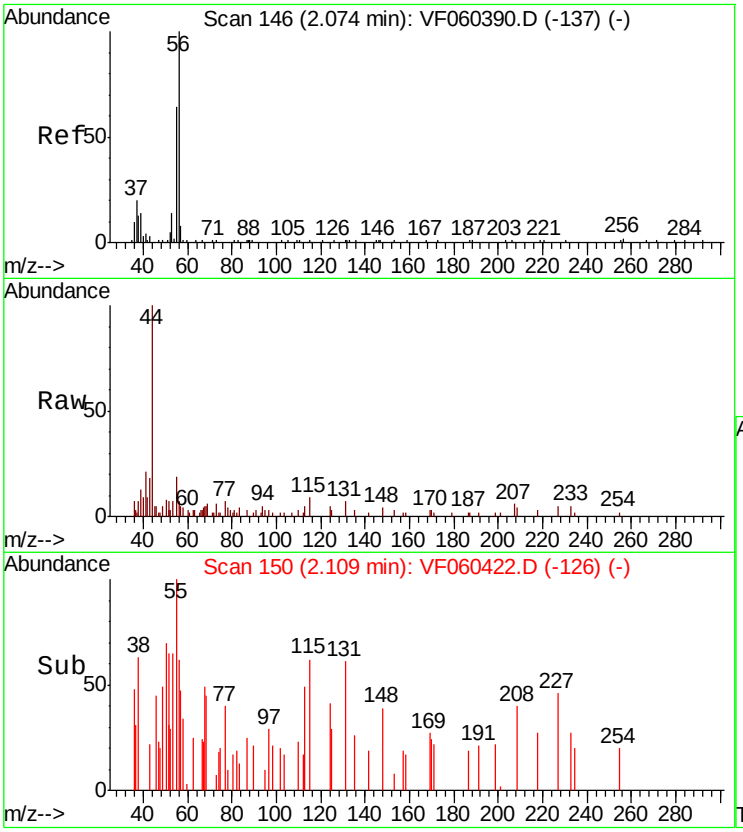


#11
Tert butyl alcohol
Concen: 5.953 ug/l
RT: 2.66 min Scan# 206
Delta R.T. -0.00 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Tgt Ion: 59 Resp: 1169

Ion	Ratio	Lower	Upper
59	100		
57	130.2	6.5	9.7#



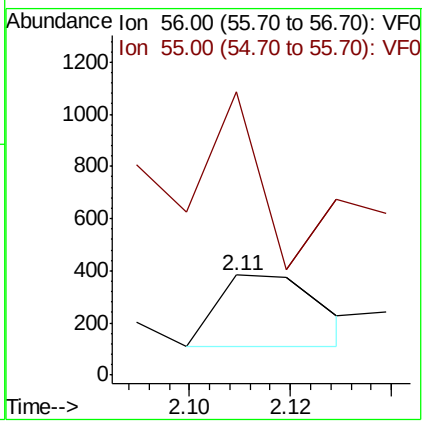


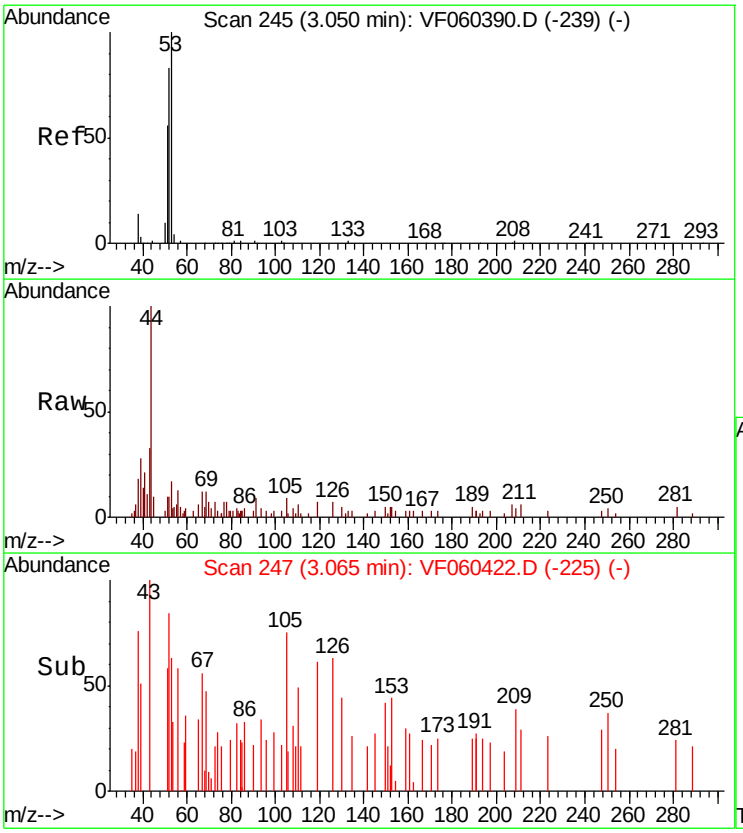
#13
Acrolein
Concen: 2.457 ug/l
RT: 2.11 min Scan# 150
Delta R.T. 0.04 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Instrument : MSVOA_F
ClientSampleId : OR-02-100118-B

Tgt Ion: 56 Resp: 388

Ion	Ratio	Lower	Upper
56	100		
55	282.6	53.9	80.9#

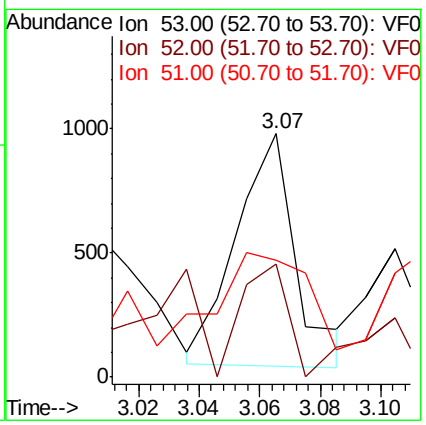


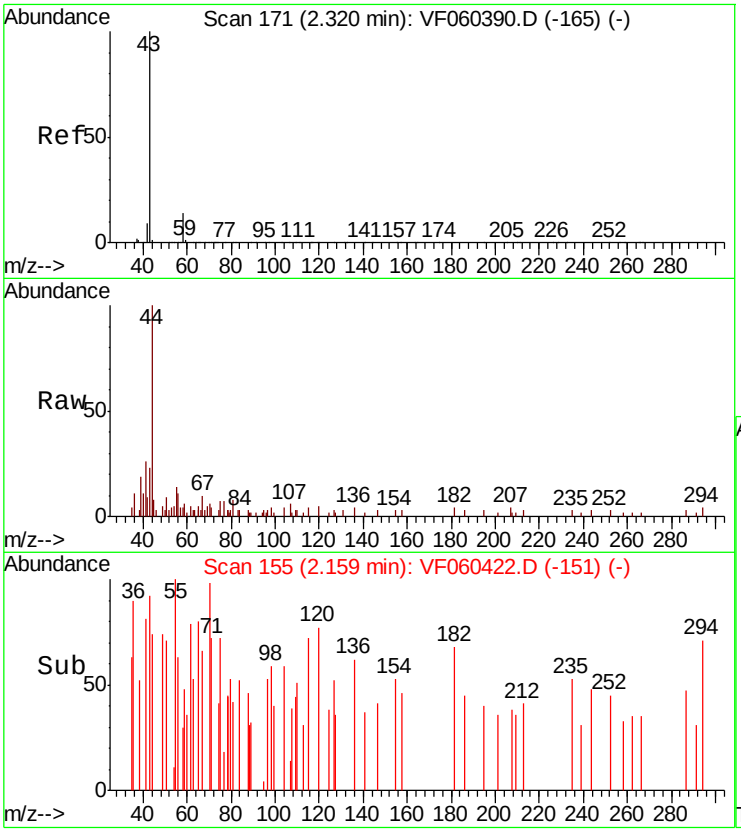


#15
Acrylonitrile
Concen: 3.855 ug/l
RT: 3.07 min Scan# 247
Delta R.T. 0.02 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Tgt Ion: 53 Resp: 1297

Ion	Ratio	Lower	Upper
53	100		
52	46.3	66.0	99.0#
51	48.1	45.6	68.4



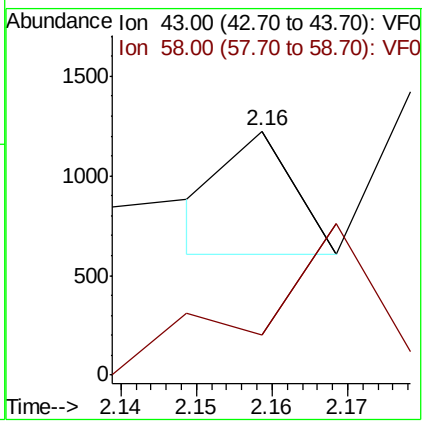


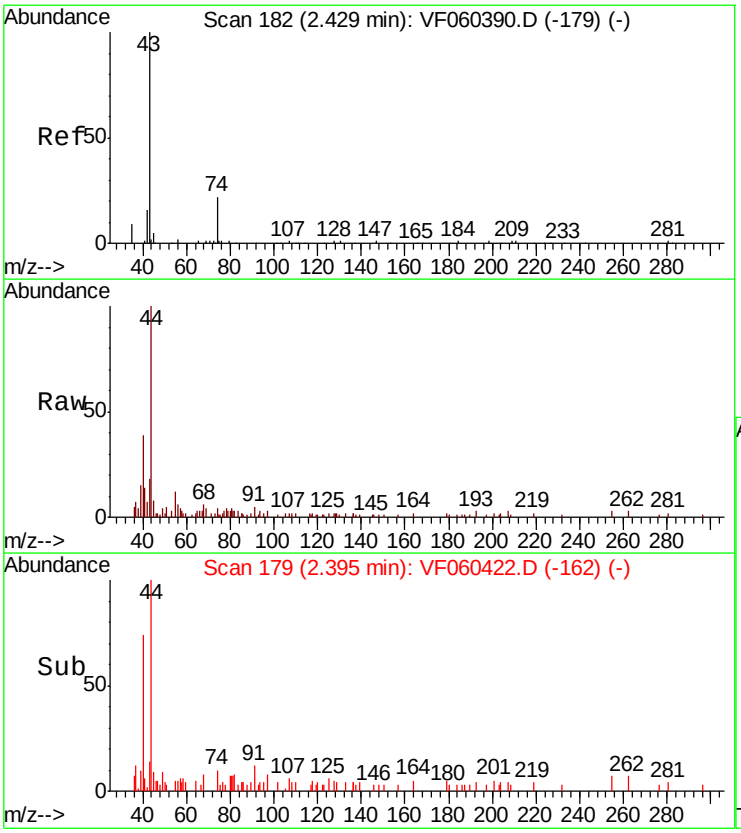
#16
Acetone
Concen: Below Cal
RT: 2.16 min Scan# 155
Delta R.T. -0.16 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Instrument : MSVOA_F
ClientSampleId : OR-02-100118-B

Tgt Ion: 43 Resp: 364

Ion	Ratio	Lower	Upper
43	100		
58	16.3	11.2	16.8

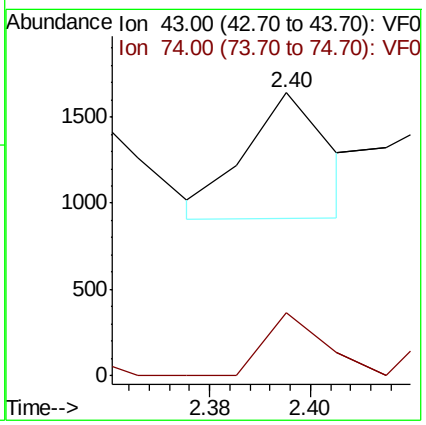


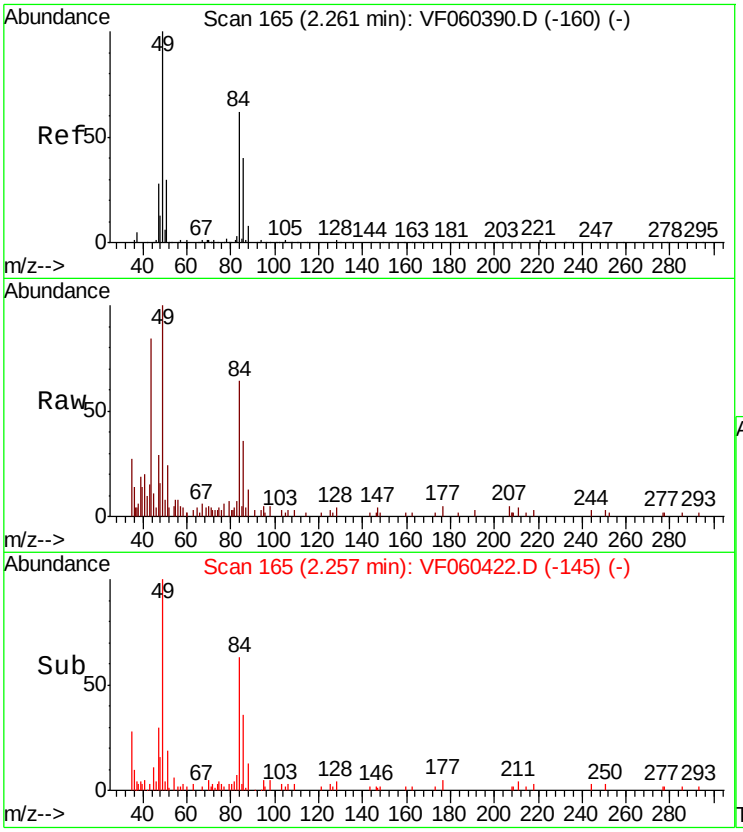


#18
Methyl Acetate
Concen: Below Cal
RT: 2.40 min Scan# 179
Delta R.T. -0.03 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Tgt Ion: 43 Resp: 841

Ion	Ratio	Lower	Upper
43	100		
74	22.2	15.8	23.8



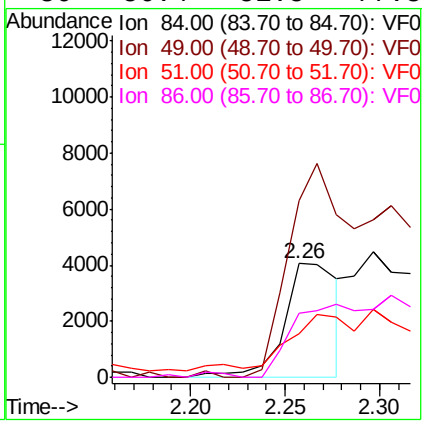


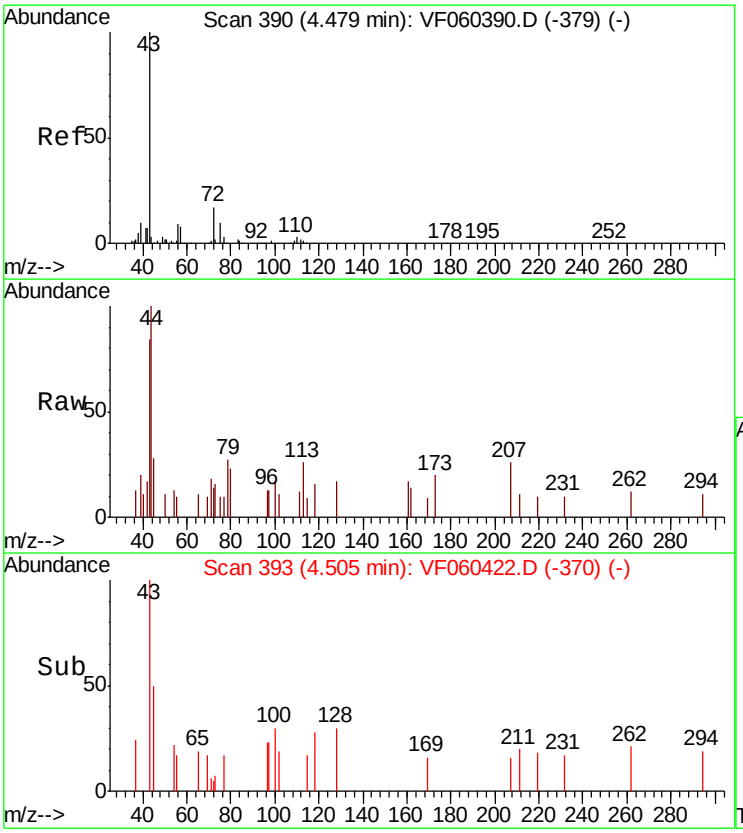
#20
Methylene Chloride
Concen: Below Cal
RT: 2.26 min Scan# 165
Delta R.T. -0.00 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Instrument : MSVOA_F
ClientSampleId : OR-02-100118-B

Tgt Ion: 84 Resp: 8066

Ion	Ratio	Lower	Upper
84	100		
49	155.3	130.2	195.2
51	37.9	41.0	61.6#
86	56.4	51.5	77.3

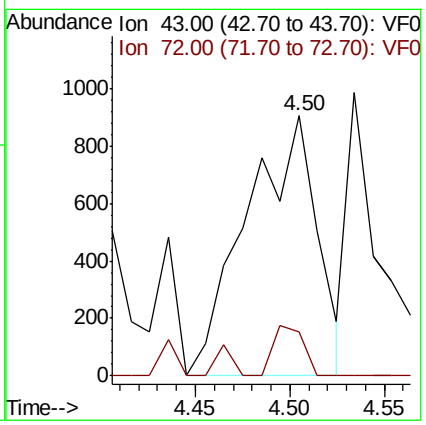


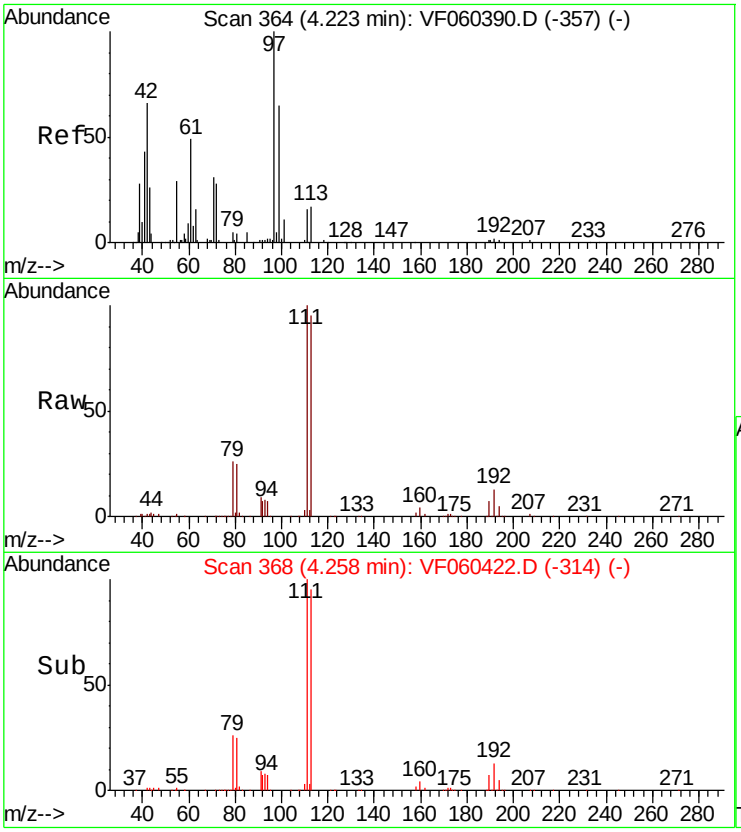


#25
2-Butanone
Concen: 2.798 ug/l
RT: 4.50 min Scan# 393
Delta R.T. 0.03 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Tgt Ion: 43 Resp: 2352

Ion	Ratio	Lower	Upper
43	100		
72	16.8	14.1	21.1



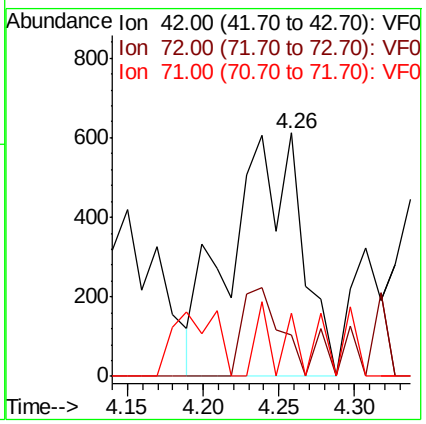


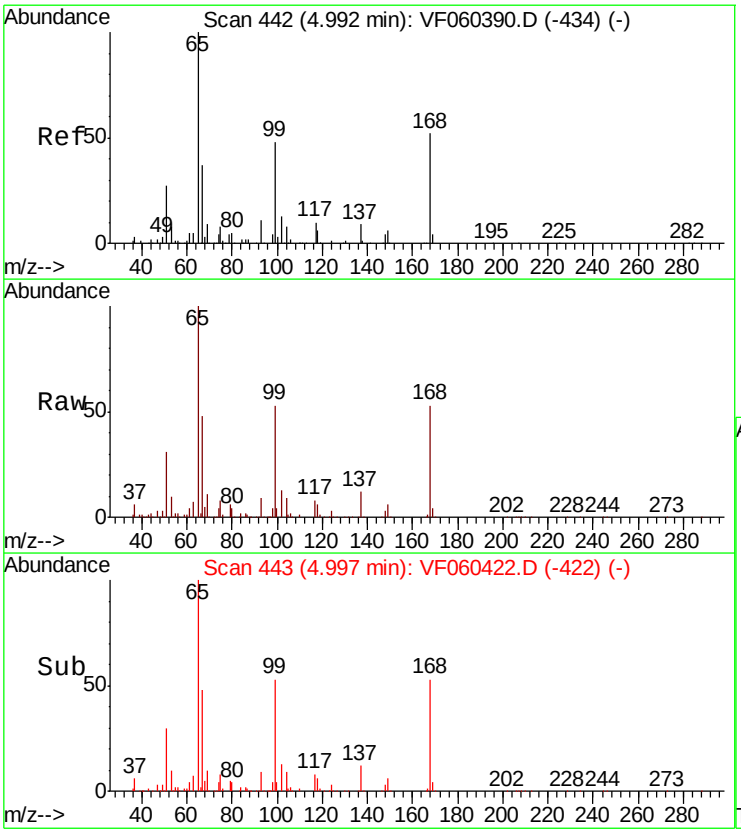
#29
Tetrahydrofuran
Concen: 1.645 ug/l
RT: 4.26 min Scan# 368
Delta R.T. 0.04 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
OR-02-100118-B

Tgt Ion: 42 Resp: 1963

Ion	Ratio	Lower	Upper
42	100		
72	19.5	33.6	50.4#
71	5.7	32.7	49.1#

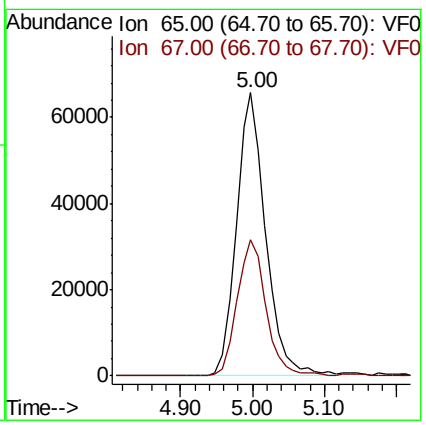


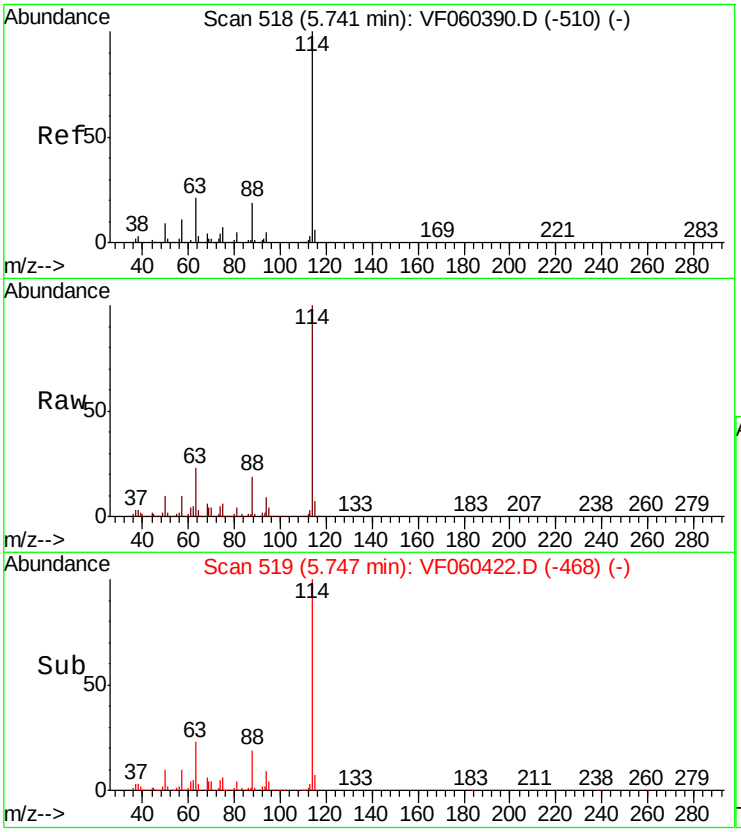


#33
1,2-Dichloroethane-d4
Concen: 57.071 ug/l
RT: 5.00 min Scan# 443
Delta R.T. 0.01 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Tgt Ion: 65 Resp: 185279

Ion	Ratio	Lower	Upper
65	100		
67	48.1	0.0	89.4



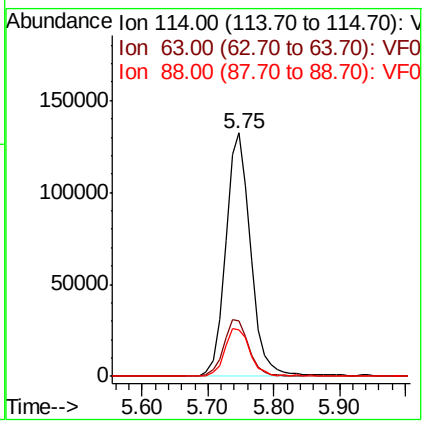


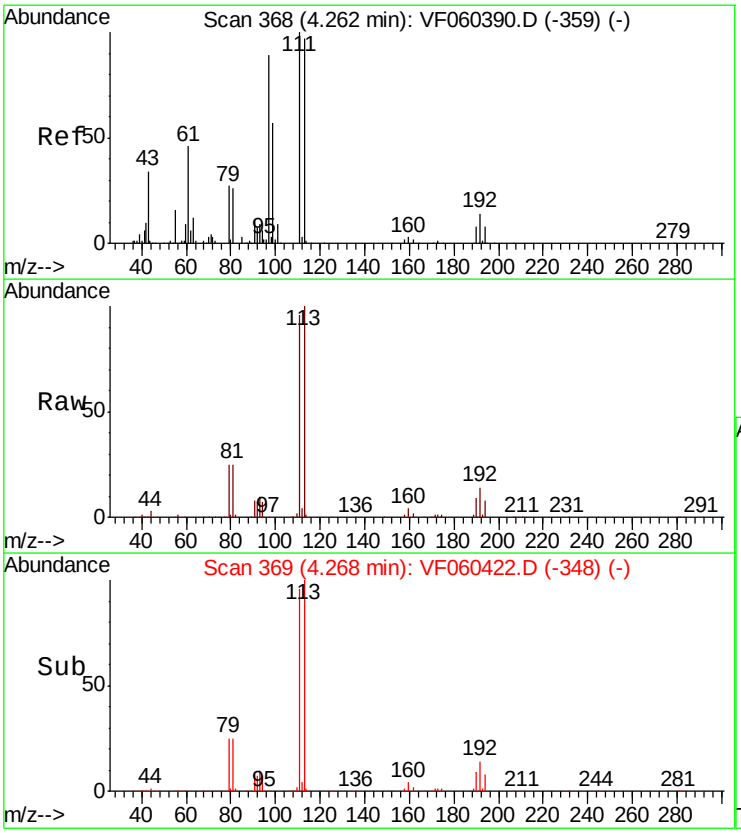
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 519
Delta R.T. 0.01 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
OR-02-100118-B

Tgt Ion:114 Resp: 351695

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	42.2
88	19.3	0.0	38.8

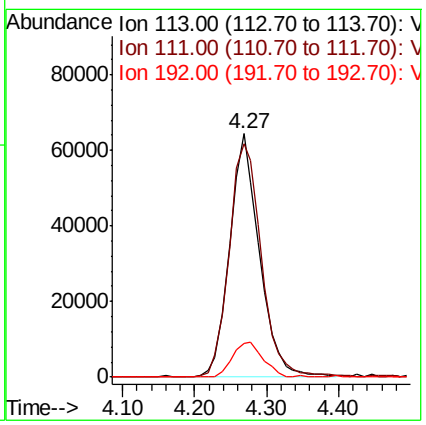


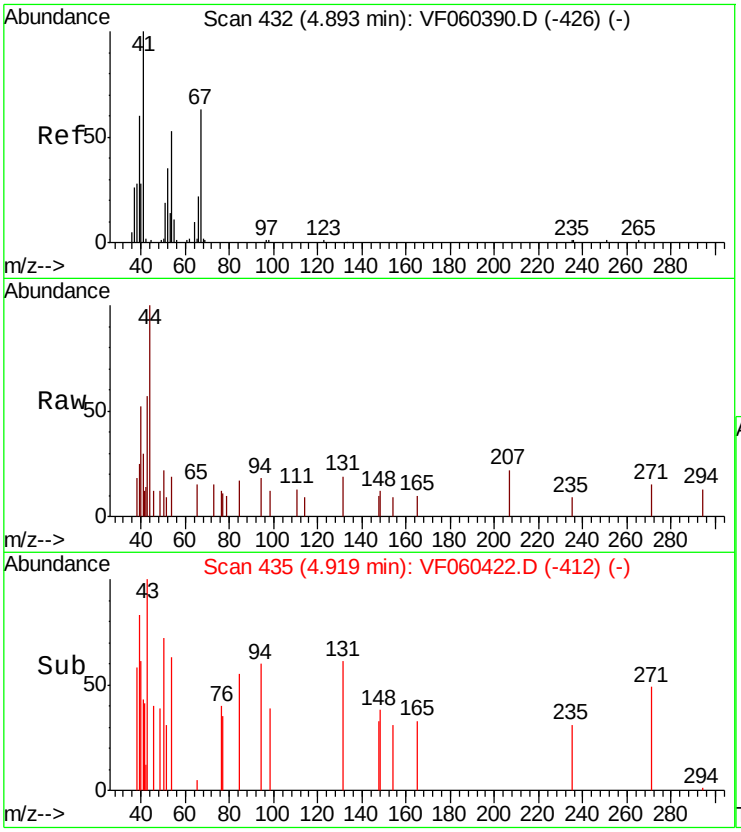


#35
Dibromofluoromethane
Concen: 56.081 ug/l
RT: 4.27 min Scan# 369
Delta R.T. 0.01 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Tgt Ion:113 Resp: 185288

Ion	Ratio	Lower	Upper
113	100		
111	96.1	82.3	123.5
192	14.1	11.8	17.6



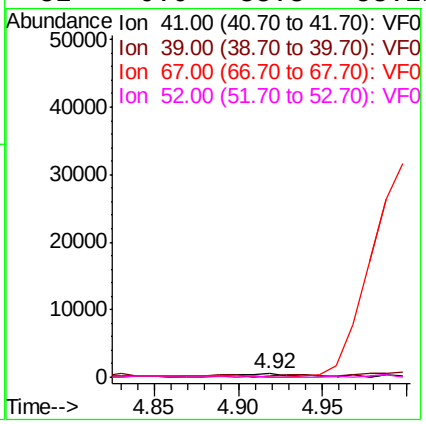


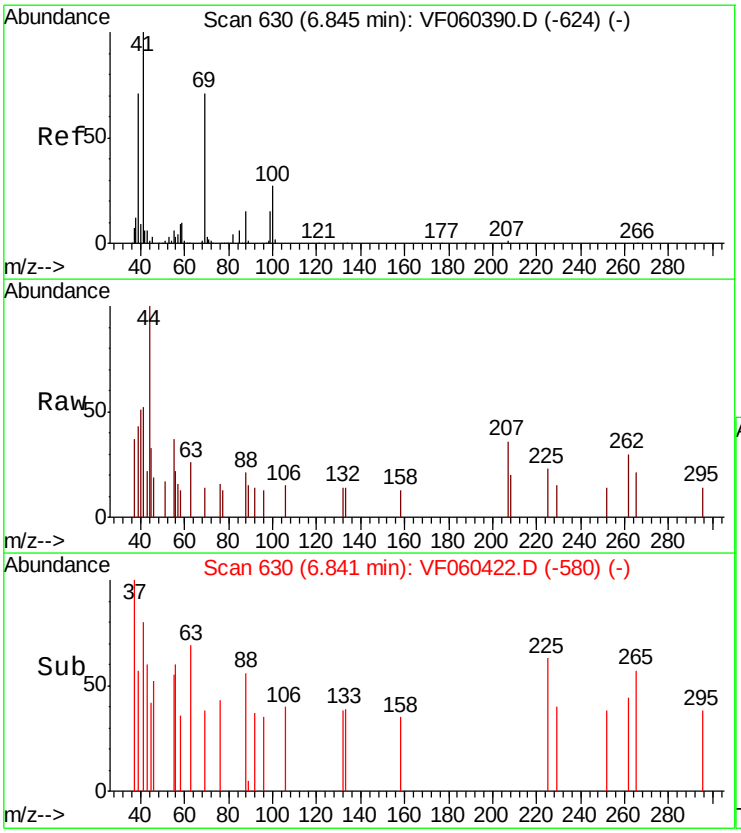
#41
Methacrylonitrile
Concen: 1.642 ug/l
RT: 4.92 min Scan# 435
Delta R.T. 0.03 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Instrument : MSVOA_F
ClientSampleId : OR-02-100118-B

Tgt Ion: 41 Resp: 1446

Ion	Ratio	Lower	Upper
41	100		
39	60.1	55.0	82.4
67	0.0	49.6	74.4#
52	0.0	38.8	58.2#

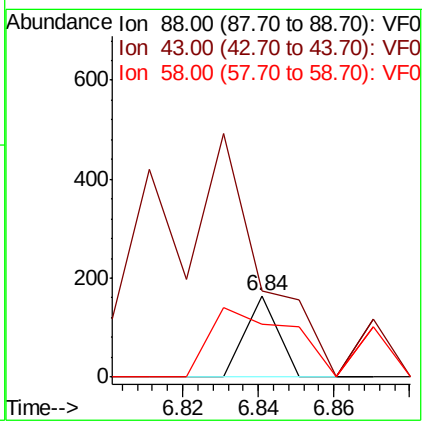


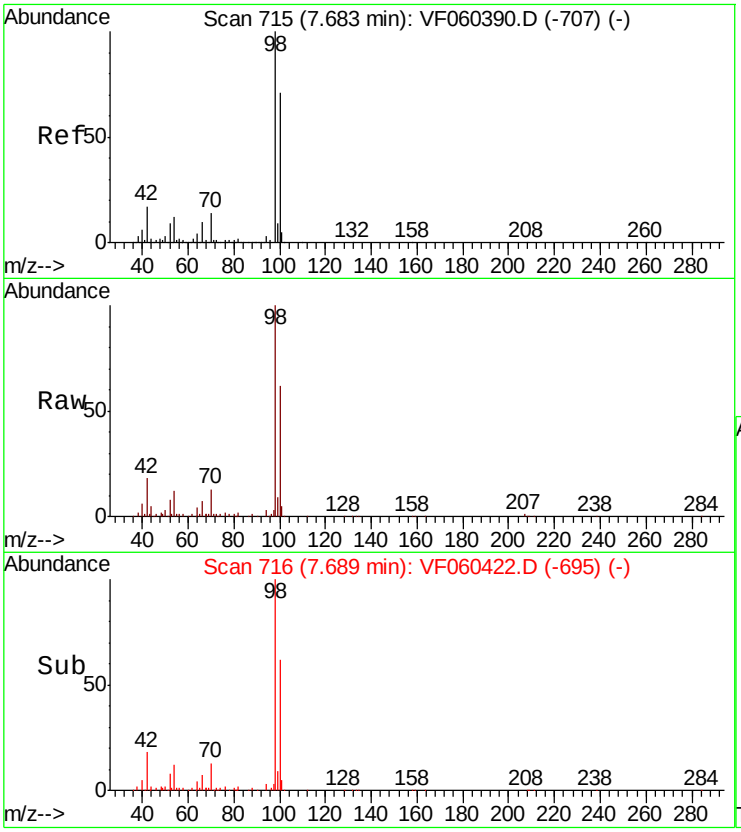


#49
1,4-Dioxane
Concen: 7.810 ug/l
RT: 6.84 min Scan# 630
Delta R.T. -0.00 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Tgt Ion: 88 Resp: 97

Ion	Ratio	Lower	Upper
88	100		
43	106.7	38.3	57.5#
58	64.6	47.4	71.2



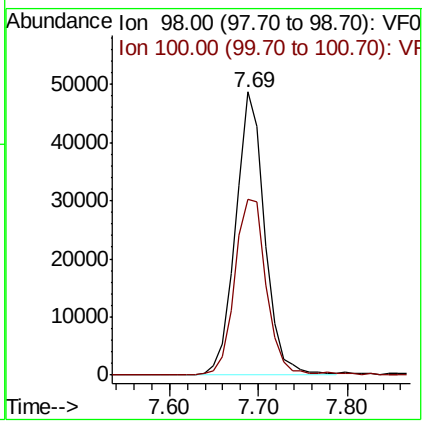


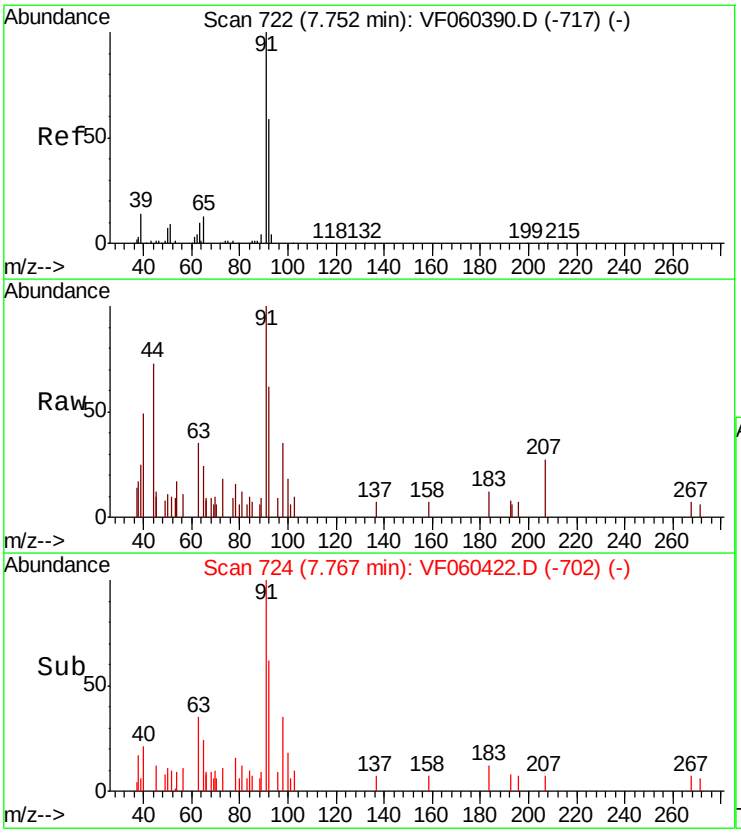
#50
Toluene-d8
Concen: 13.627 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.01 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Instrument : MSVOA_F
ClientSampleId : OR-02-100118-B

Tgt Ion: 98 Resp: 110881

Ion	Ratio	Lower	Upper
98	100		
100	62.3	56.5	84.7

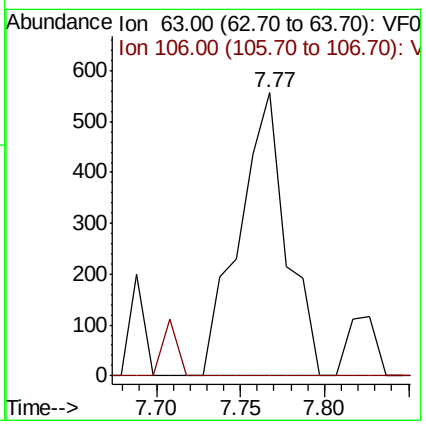


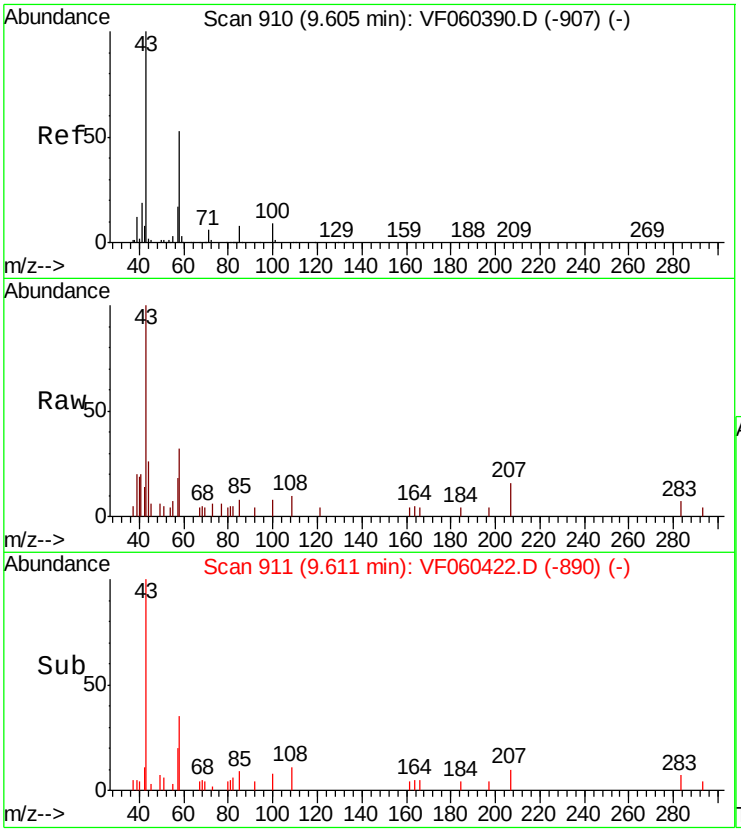


#58
2-Chloroethyl Vinyl ether
Concen: 5.016 ug/l
RT: 7.77 min Scan# 724
Delta R.T. 0.02 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Tgt Ion: 63 Resp: 1079

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



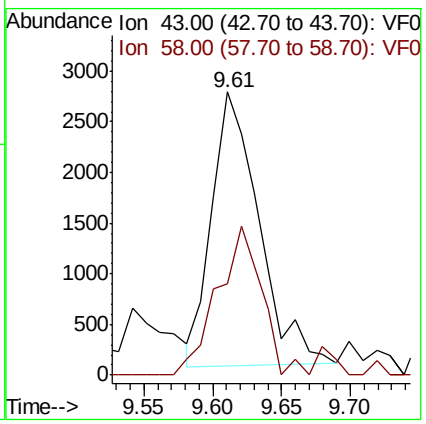


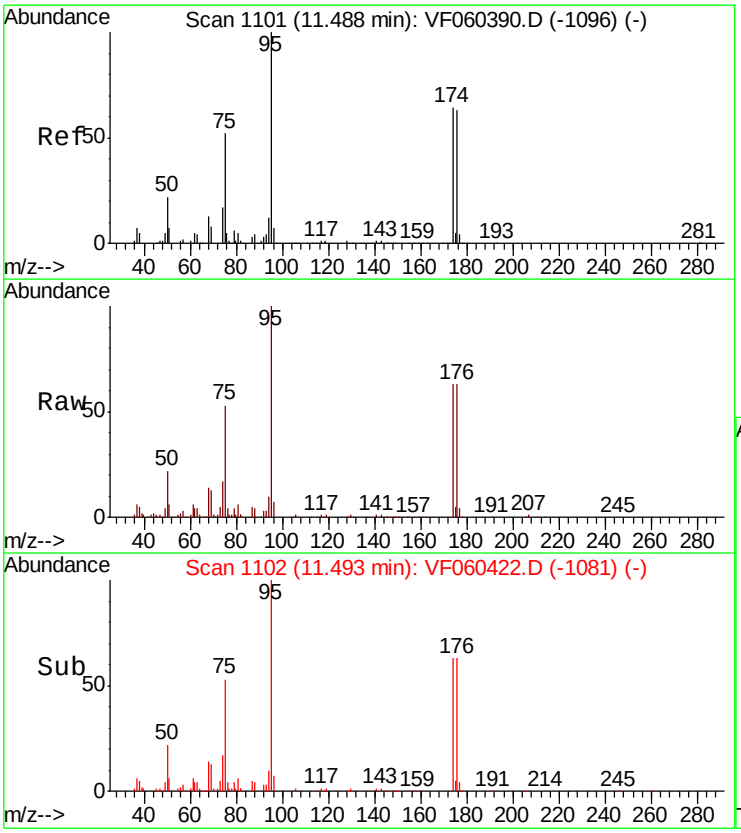
#59
2-Hexanone
Concen: 6.131 ug/l
RT: 9.61 min Scan# 911
Delta R.T. 0.01 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Instrument : MSVOA_F
ClientSampleId : OR-02-100118-B

Tgt Ion: 43 Resp: 6424

Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.6	76.6

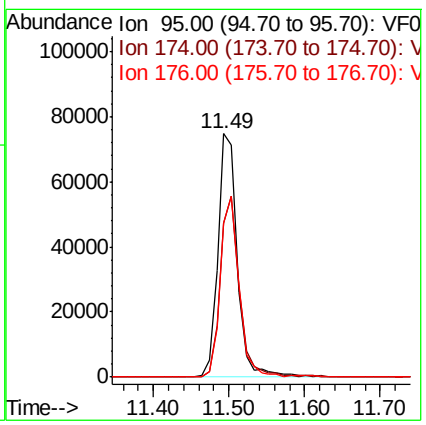


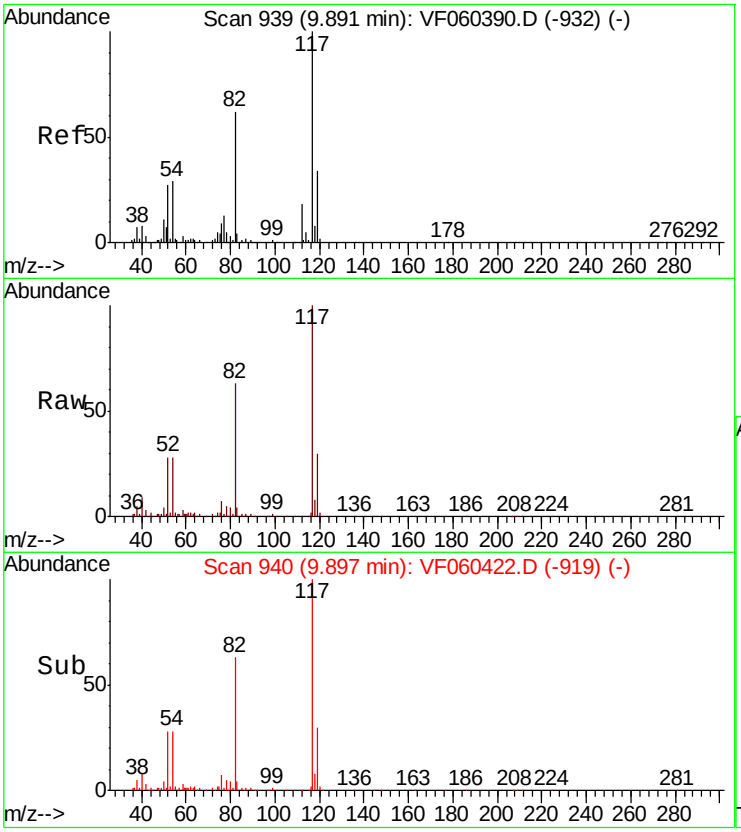


#62
4-Bromofluorobenzene
Concen: 36.298 ug/l
RT: 11.49 min Scan# 1102
Delta R.T. 0.01 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Tgt Ion: 95 Resp: 134857

Ion	Ratio	Lower	Upper
95	100		
174	63.3	0.0	129.0
176	63.2	0.0	125.6



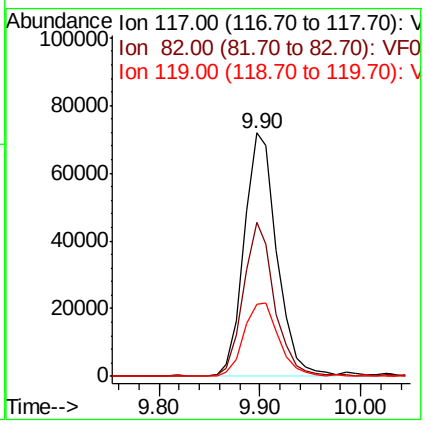


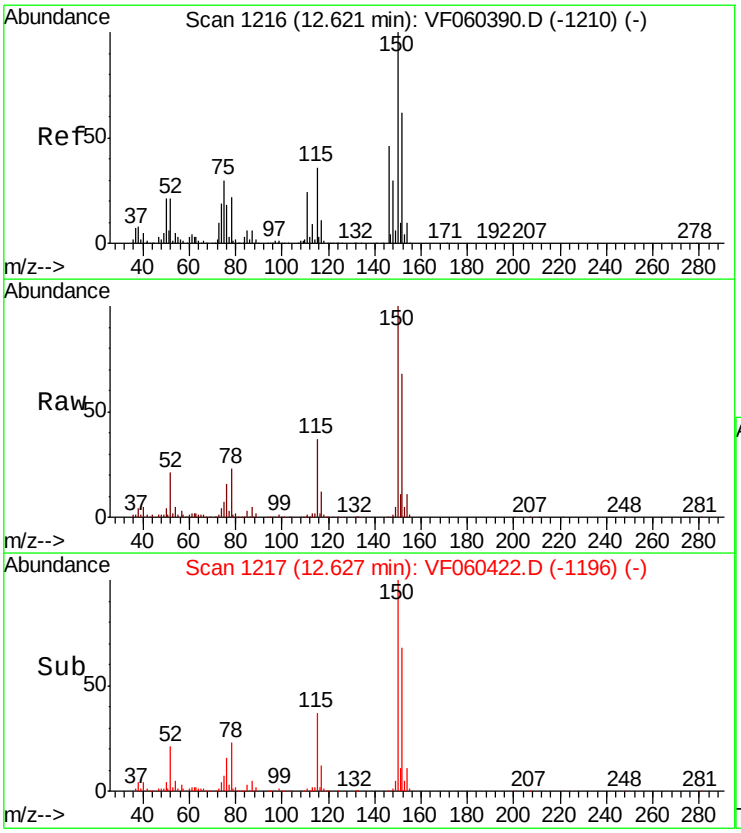
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.01 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Instrument : MSVOA_F
ClientSampleId : OR-02-100118-B

Tgt Ion:117 Resp: 163351

Ion	Ratio	Lower	Upper
117	100		
82	63.5	49.5	74.3
119	29.7	27.0	40.6

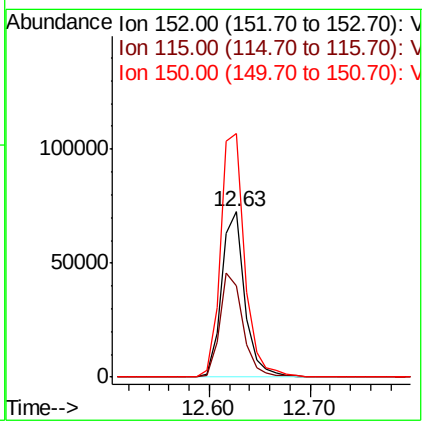


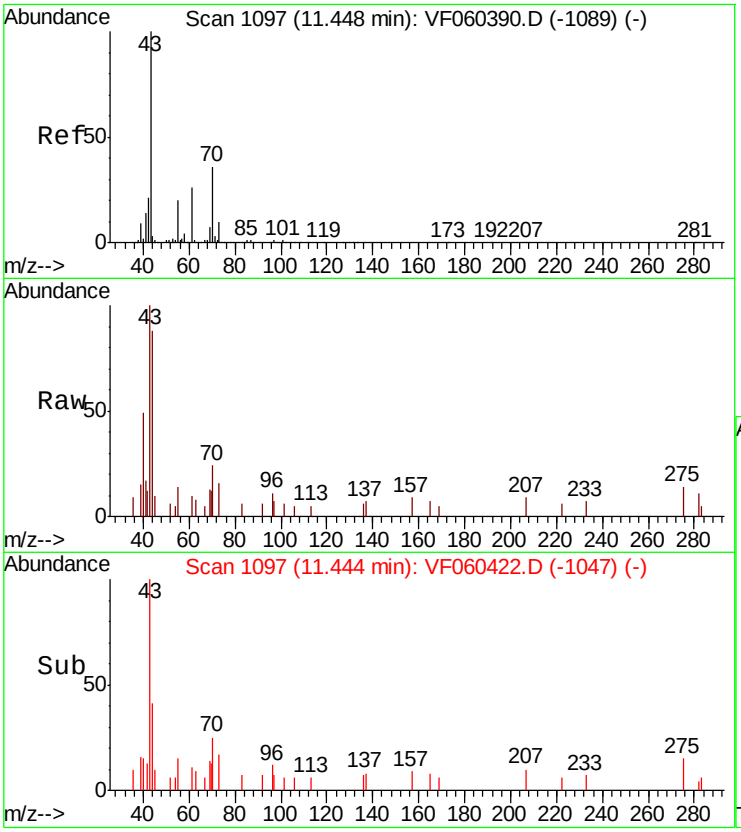


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.01 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Tgt Ion:152 Resp: 116315

Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.6	85.8
150	147.1	0.0	324.6



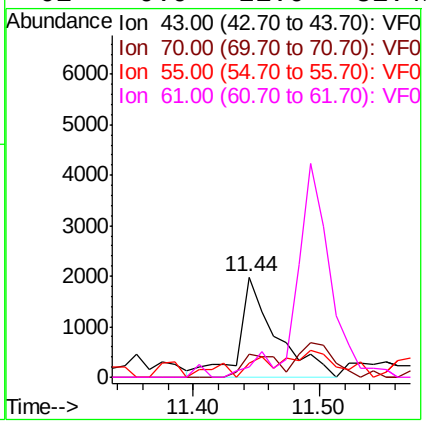


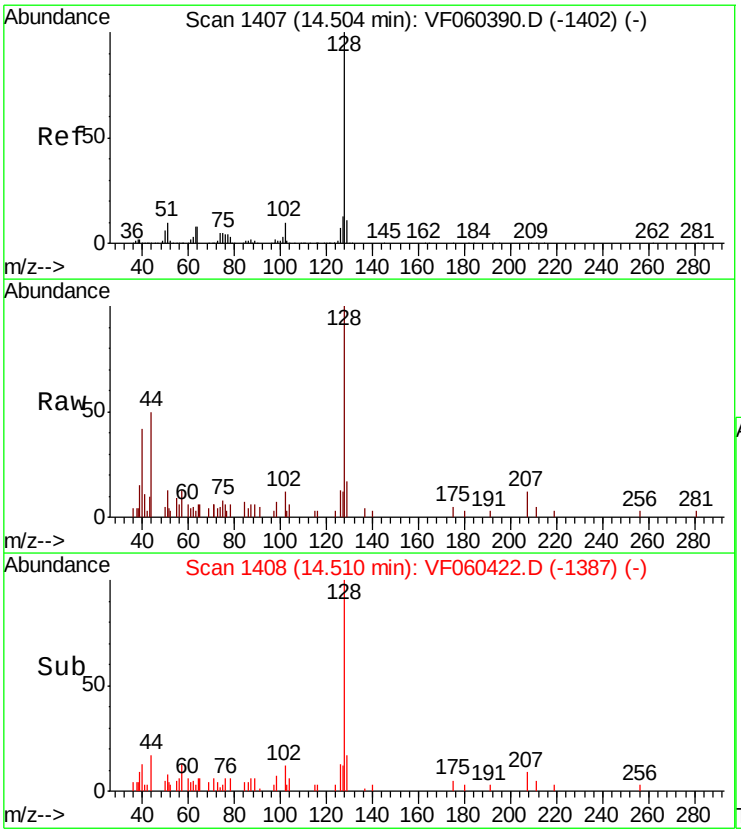
#74
N-amyl acetate
Concen: 1.909 ug/l
RT: 11.44 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
OR-02-100118-B

Tgt Ion: 43 Resp: 4013

Ion	Ratio	Lower	Upper
43	100		
70	23.6	29.1	43.7#
55	14.2	16.3	24.5#
61	9.9	21.0	31.4#





#95
Naphthalene
Concen: 1.275 ug/l
RT: 14.51 min Scan# 1408
Delta R.T. 0.01 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Tgt Ion:128 Resp: 6288

Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.0	15.0
129	17.1	8.7	13.1#