Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100418\
Data File : VF060451.D
Acq On : 4 Oct 2018 22:18
Operator : VA/AP
Sample : J5204-01
Misc : 6.67/5mL/MSVOA_F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Oct 05 01:14:01 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	268366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	444976	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	390487	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	186897	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	162662	38.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 77.48%			
35) Dibromofluoromethane	4.27	113	167523	40.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.14%			
50) Toluene-d8	7.69	98	319892	31.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 62.14%			
62) 4-Bromofluorobenzene	11.50	95	146869	31.24	ug/l	0.02
Spiked Amount 50.000			Recovery = 62.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.00	85	94	Below Cal	#	1
8) Diethyl Ether	1.69	74	1413	1.172	ug/l	85
13) Acrolein	1.95	56	740	3.623	ug/l	86
15) Acrylonitrile	3.05	53	1270	2.918	ug/l #	49
16) Acetone	2.33	43	3673	Below Cal		96
18) Methyl Acetate	2.27	43	1008	Below Cal		93
20) Methylene Chloride	2.31	84	5956	Below Cal	#	72
29) Tetrahydrofuran	4.22	42	351	Below Cal	#	34
49) 1,4-Dioxane	6.84	88	91	5.791	ug/l #	1
51) 4-Methyl-2-Pentanone	8.40	43	2778	1.537	ug/l	89
58) 2-Chloroethyl Vinyl ether	7.76	63	454	1.668	ug/l	100
59) 2-Hexanone	9.62	43	4146	3.128	ug/l	100
95) Naphthalene	14.52	128	8219	1.037	ug/l #	30

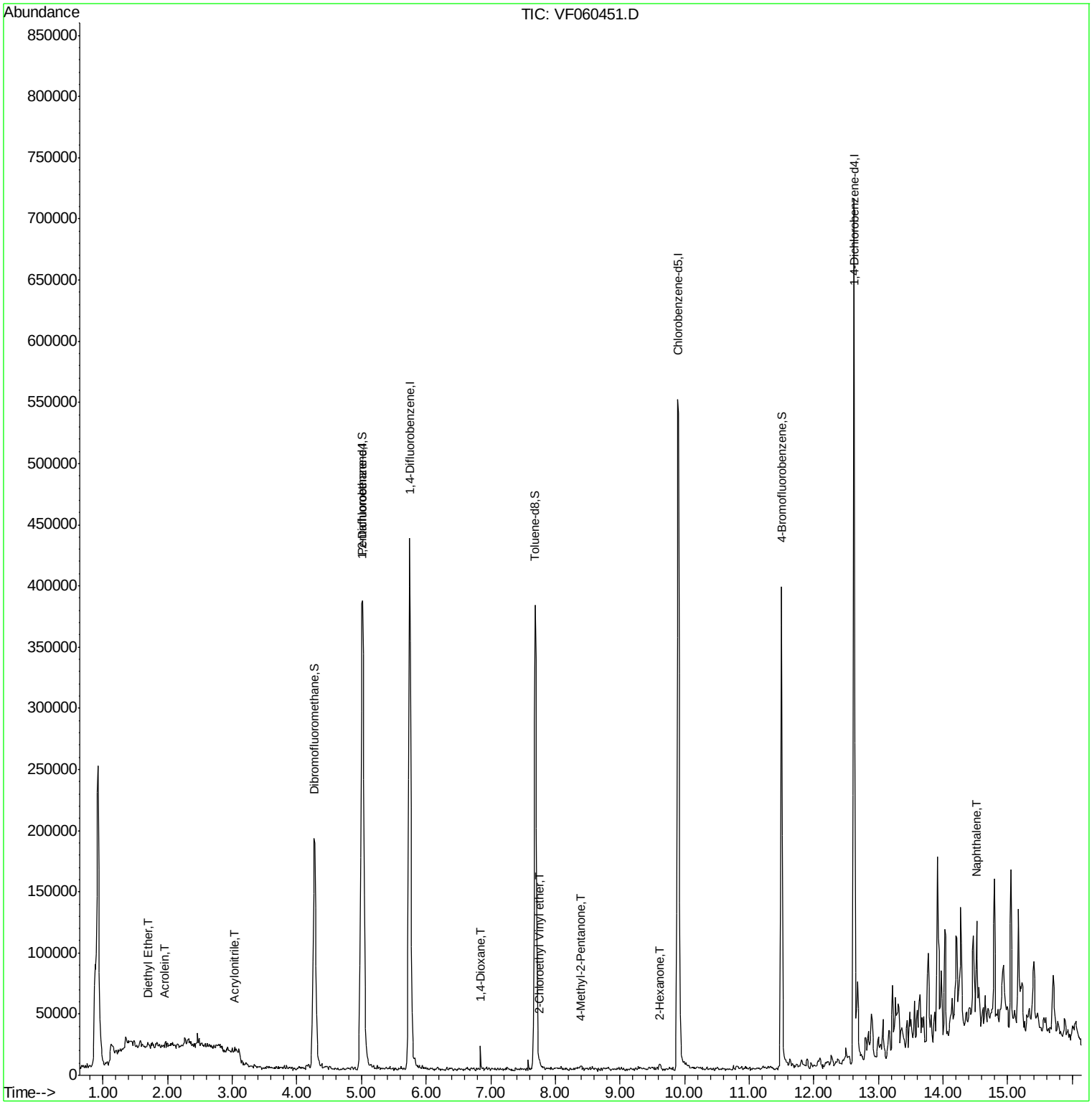
(#) = qualifier out of range (m) = manual integration (+) = signals summed

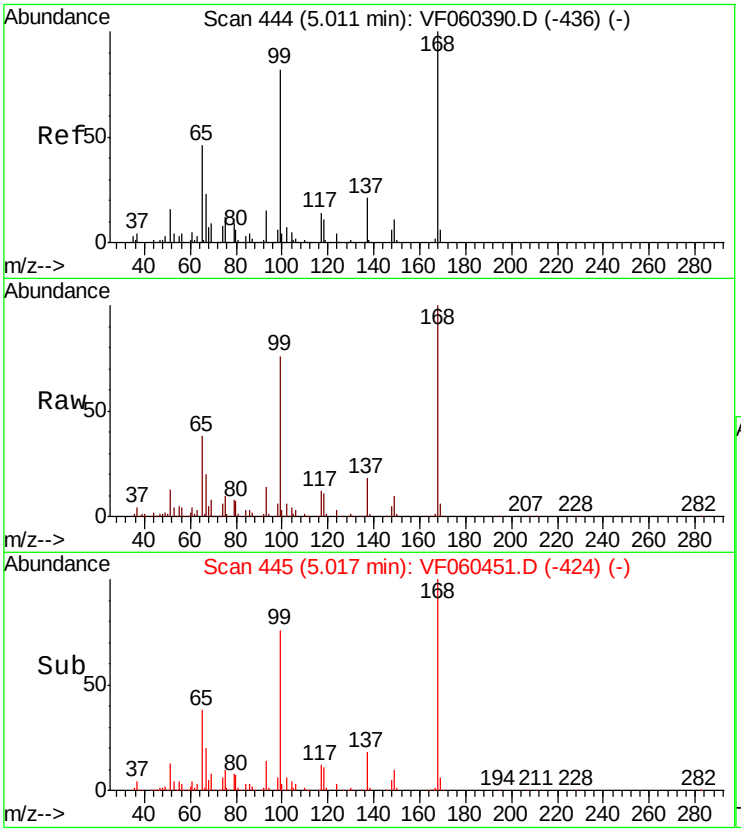
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100418\
Data File : VF060451.D
Acq On : 4 Oct 2018 22:18
Operator : VA/AP
Sample : J5204-01
Misc : 6.67/5mL/MSVOA_F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Oct 05 01:14:01 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



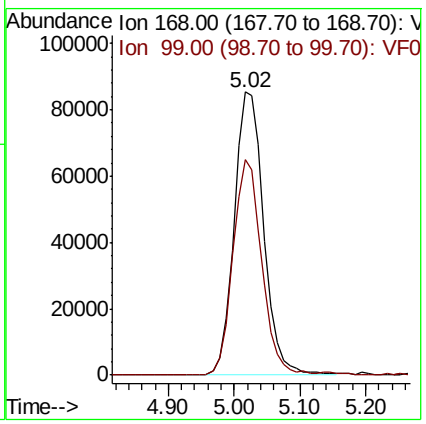


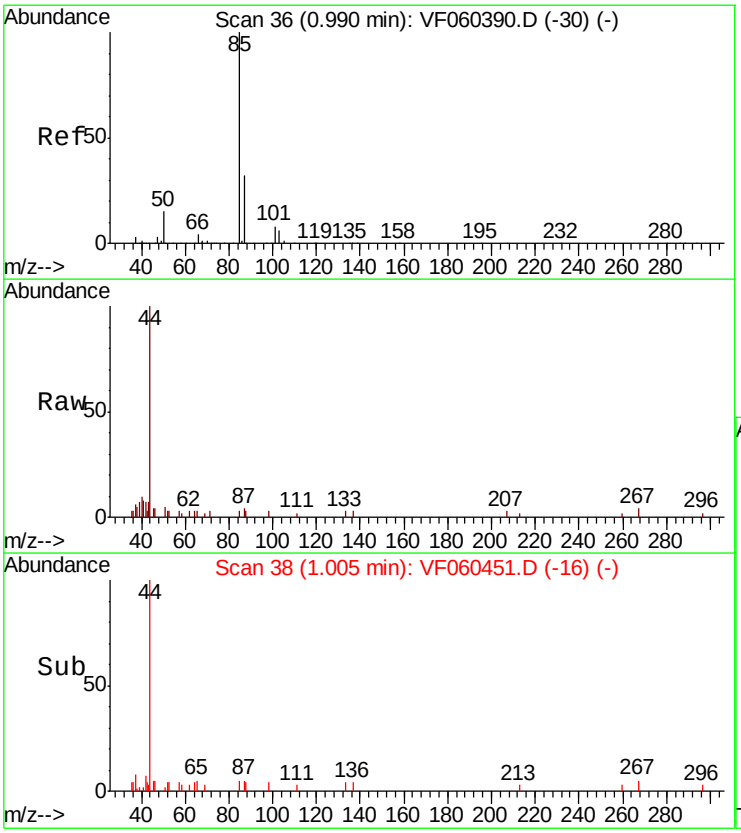
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.02 min Scan# 445
Delta R.T. 0.01 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 268366

Ion	Ratio	Lower	Upper
168	100		
99	76.0	65.3	97.9

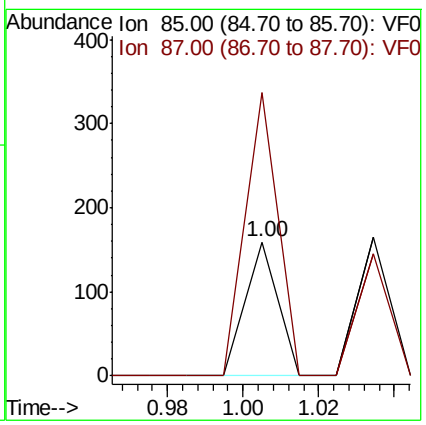


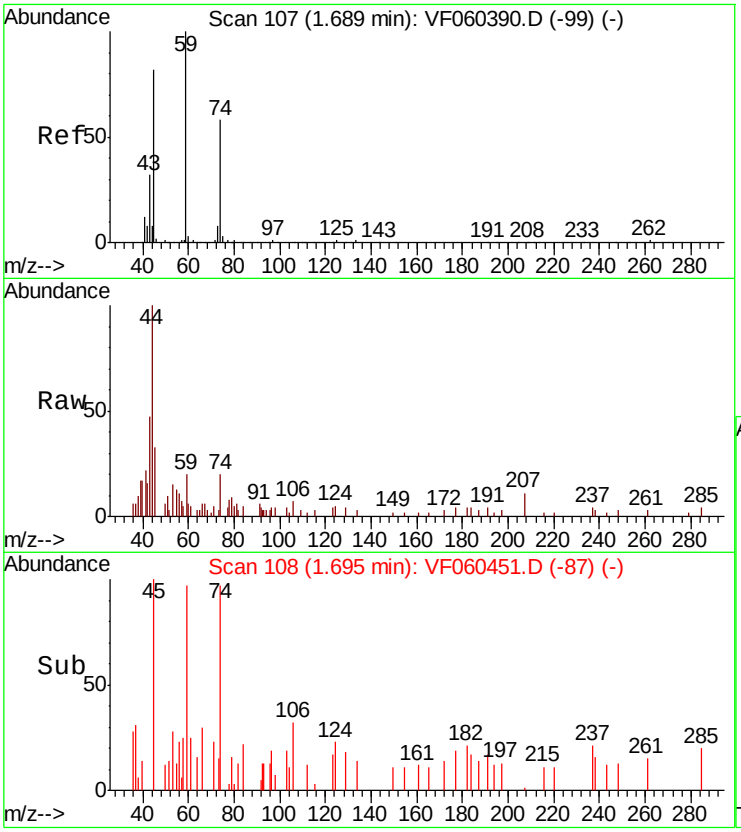


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.00 min Scan# 38
Delta R.T. 0.02 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Tgt Ion: 85 Resp: 94

Ion	Ratio	Lower	Upper
85	100		
87	211.9	15.9	47.6#

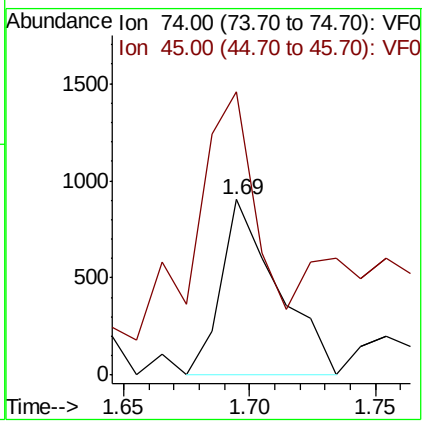




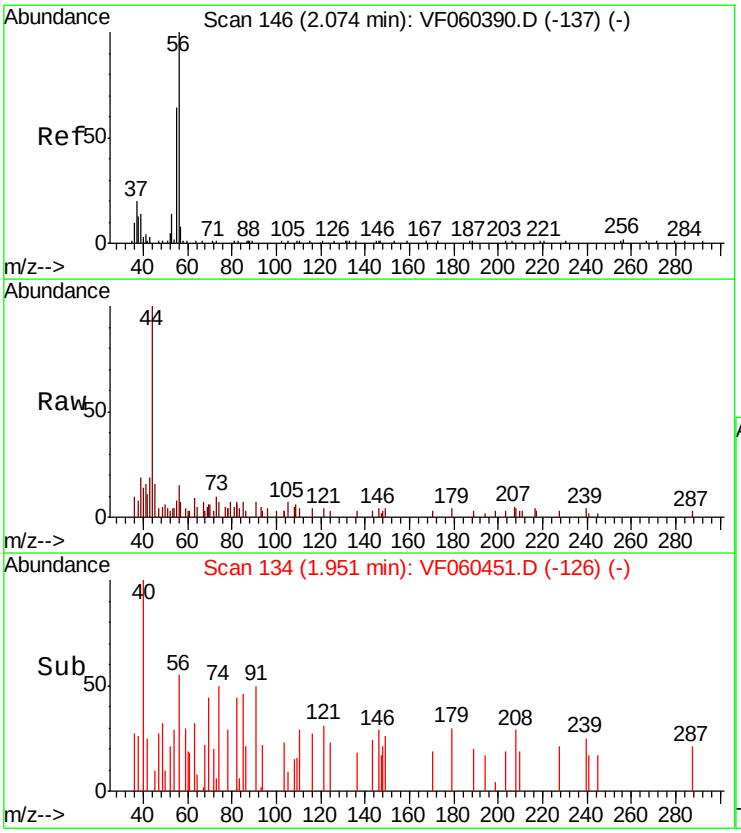
#8
Diethyl Ether
Concen: 1.172 ug/l
RT: 1.69 min Scan# 108
Delta R.T. 0.01 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Tgt Ion: 74 Resp: 1413

Ion	Ratio	Lower	Upper
74	100		
45	161.4	71.3	213.8



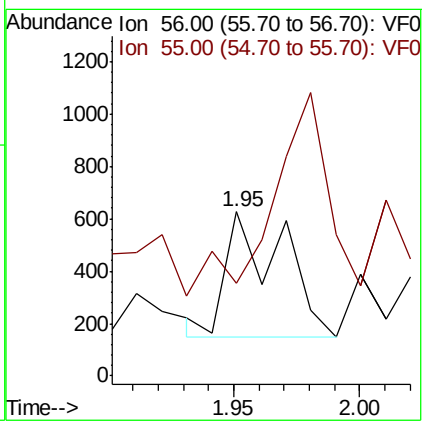
Instrument :
MSVOA_F
ClientSampleId :

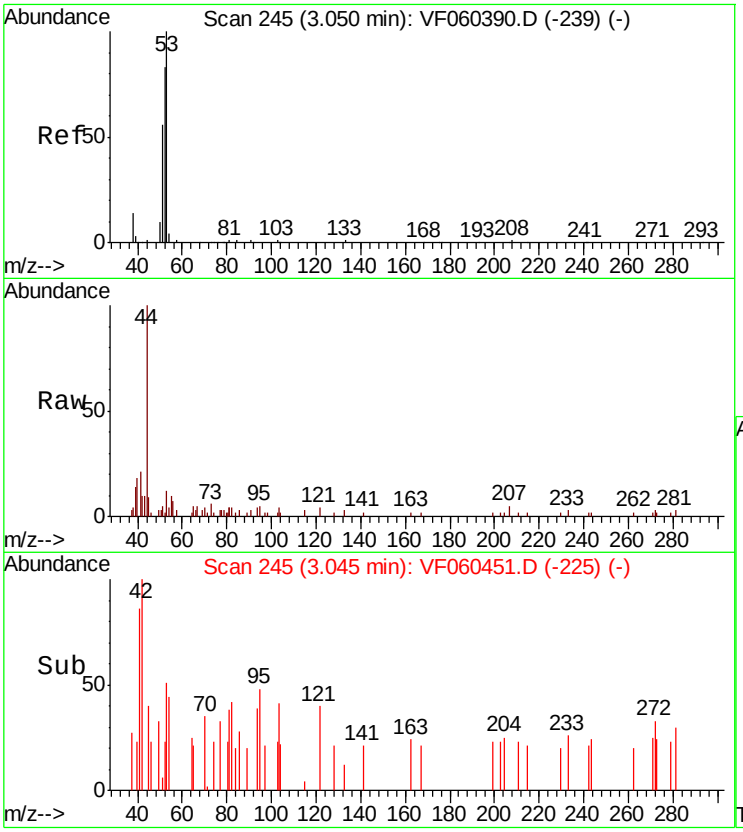


#13
Acrolein
Concen: 3.623 ug/l
RT: 1.95 min Scan# 134
Delta R.T. -0.12 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Tgt Ion: 56 Resp: 740

Ion	Ratio	Lower	Upper
56	100		
55	56.2	53.9	80.9



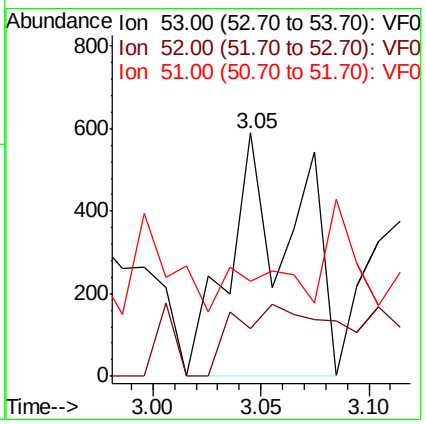


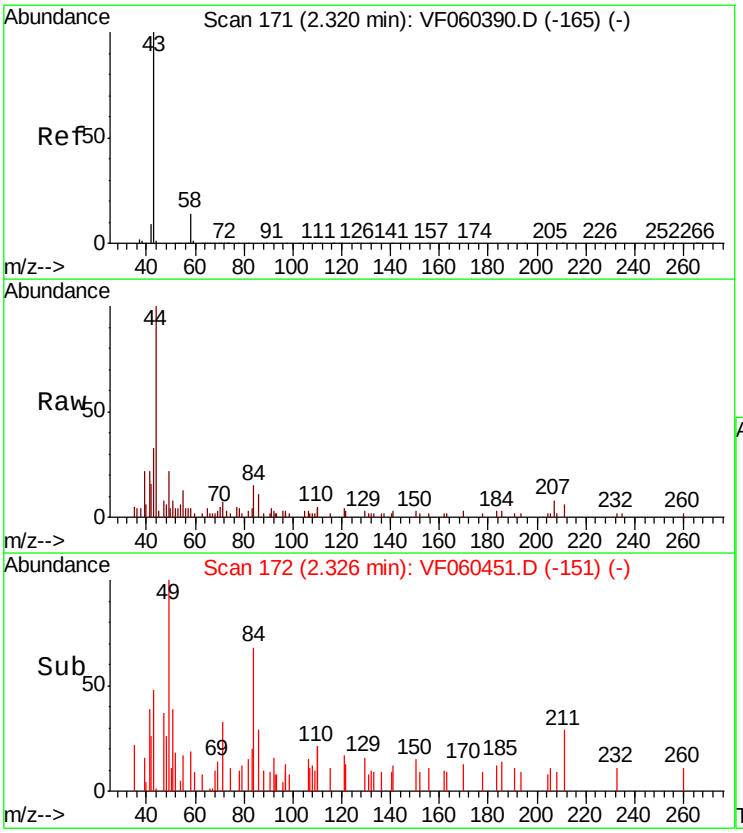
#15
Acrylonitrile
Concen: 2.918 ug/l
RT: 3.05 min Scan# 245
Delta R.T. -0.00 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 1270

Ion	Ratio	Lower	Upper
53	100		
52	19.5	66.0	99.0#
51	39.2	45.6	68.4#

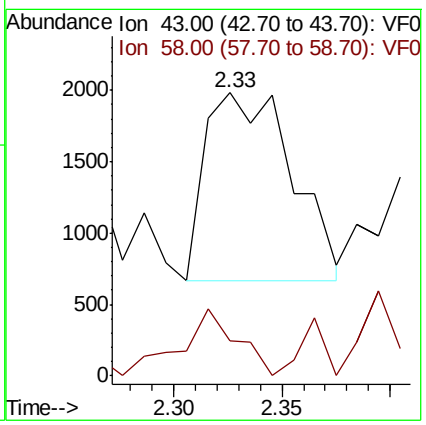


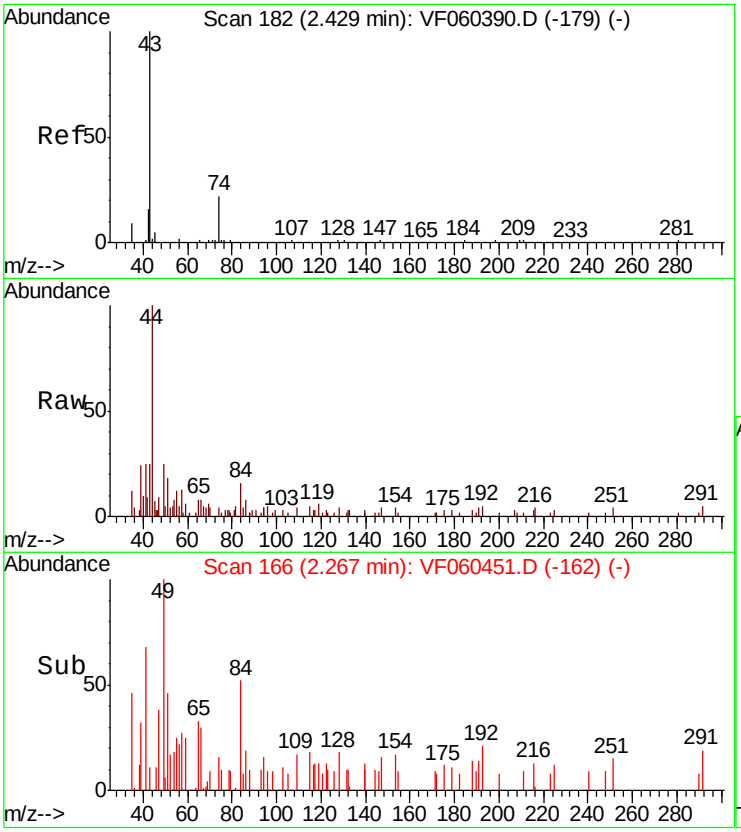


#16
Acetone
Concen: Below Cal
RT: 2.33 min Scan# 172
Delta R.T. 0.01 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Tgt Ion: 43 Resp: 3673

Ion	Ratio	Lower	Upper
43	100		
58	12.4	11.2	16.8



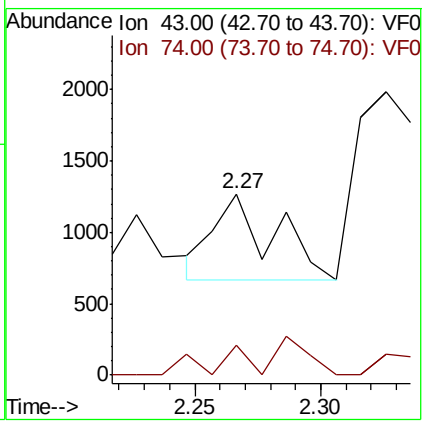


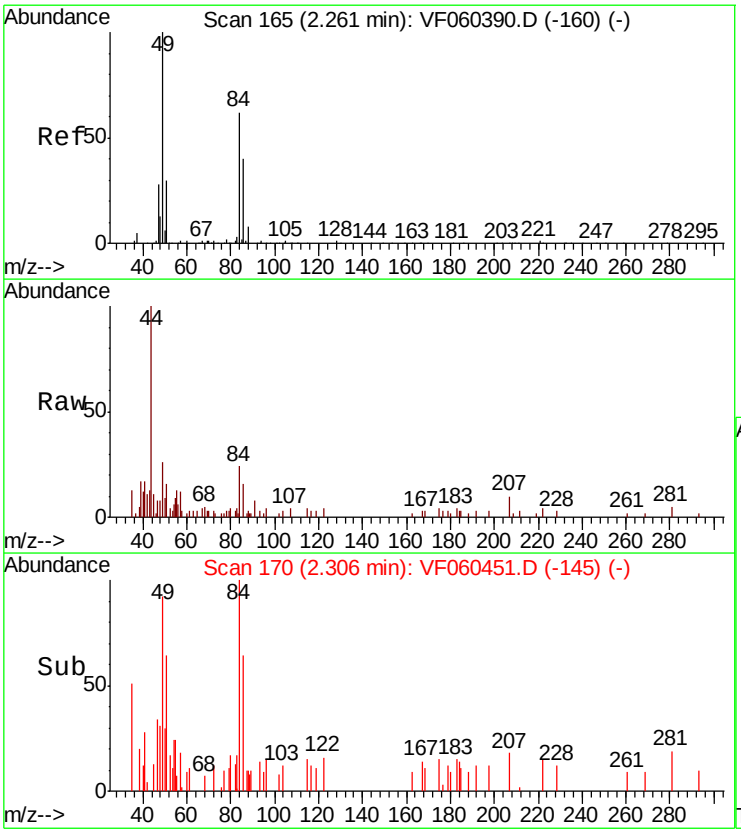
#18
Methyl Acetate
Concen: Below Cal
RT: 2.27 min Scan# 166
Delta R.T. -0.16 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1008

Ion	Ratio	Lower	Upper
43	100		
74	16.8	15.8	23.8

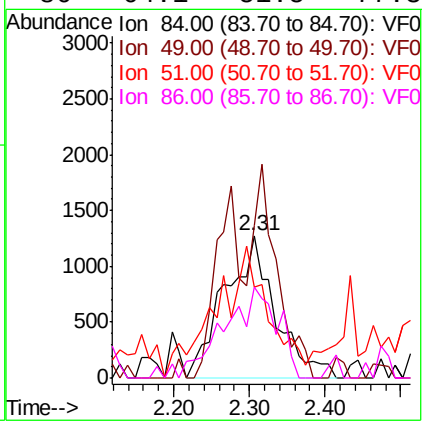


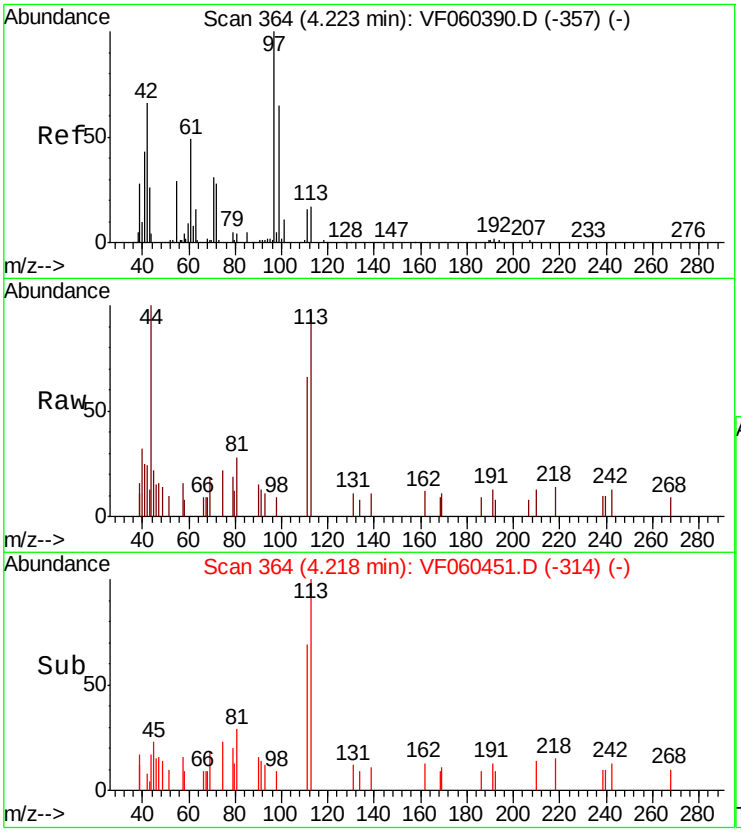


#20
Methylene Chloride
Concen: Below Cal
RT: 2.31 min Scan# 170
Delta R.T. 0.04 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Tgt Ion: 84 Resp: 5956

Ion	Ratio	Lower	Upper
84	100		
49	107.0	130.2	195.2#
51	64.0	41.0	61.6#
86	64.1	51.5	77.3



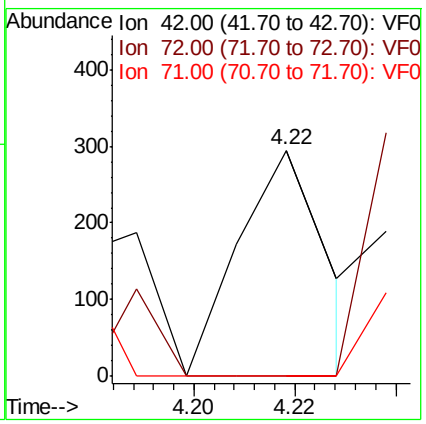


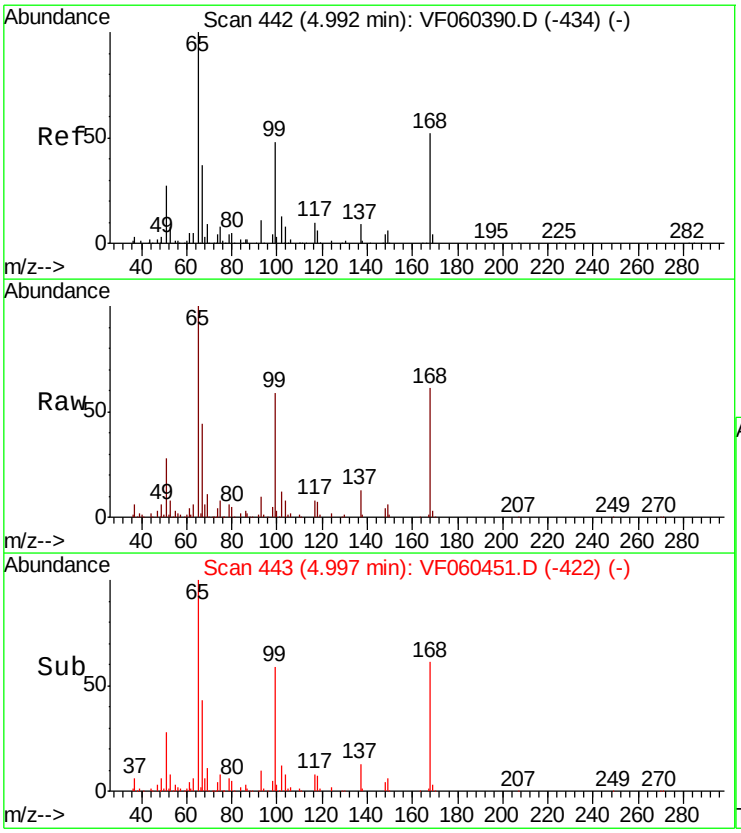
#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.22 min Scan# 364
Delta R.T. -0.00 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 351

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.6	50.4#
71	0.0	32.7	49.1#

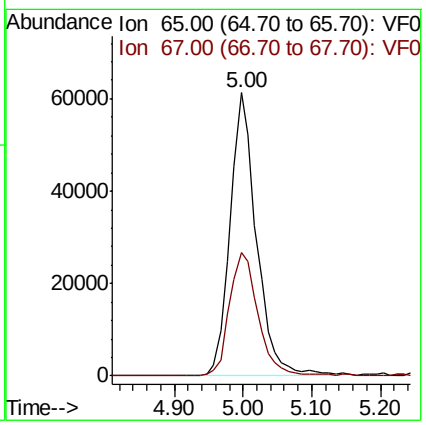


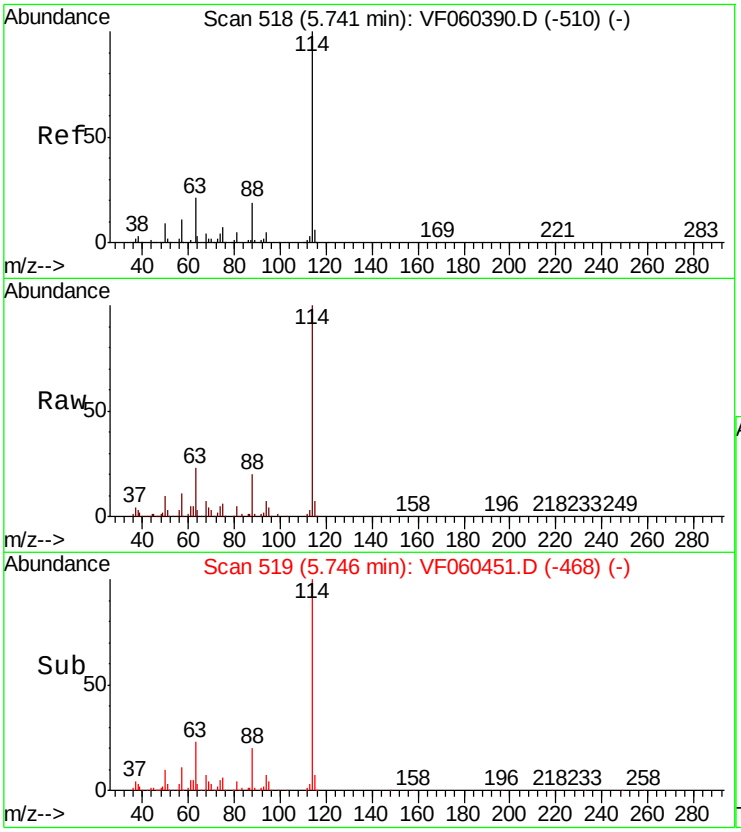


#33
1,2-Dichloroethane-d4
Concen: 38.735 ug/l
RT: 5.00 min Scan# 443
Delta R.T. 0.01 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Tgt Ion: 65 Resp: 162662

Ion	Ratio	Lower	Upper
65	100		
67	43.7	0.0	89.4



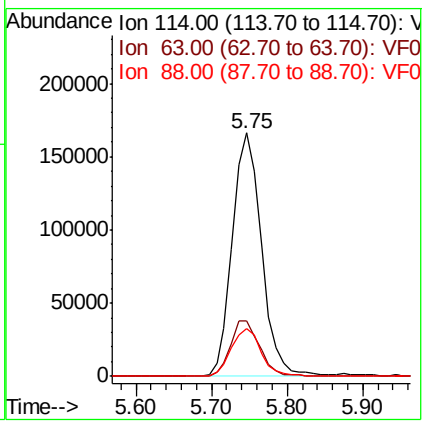


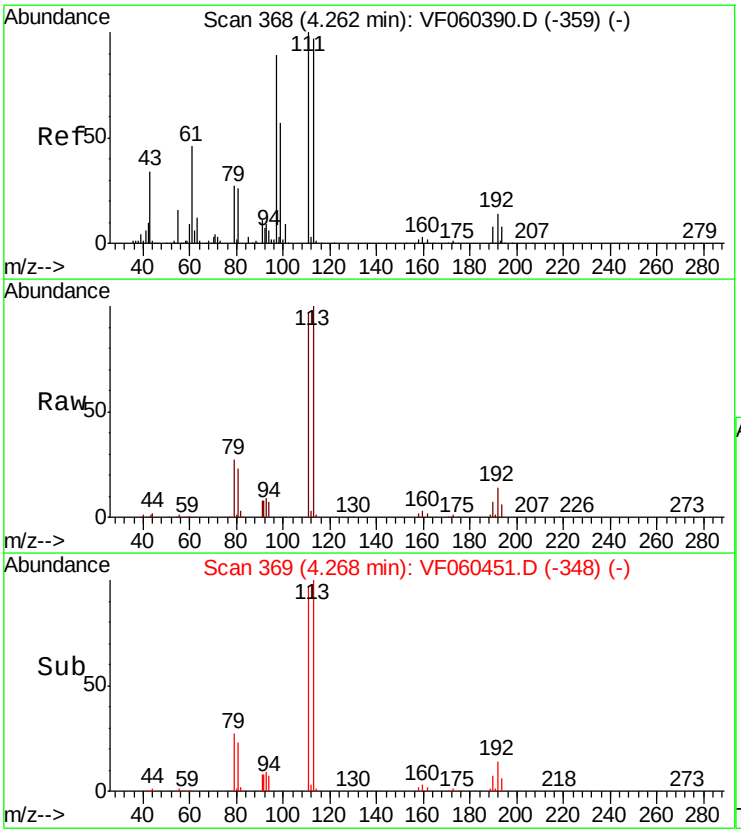
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 519
Delta R.T. 0.01 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 444976

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	42.2
88	19.6	0.0	38.8

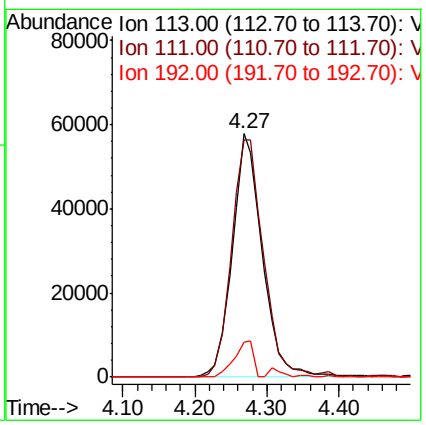


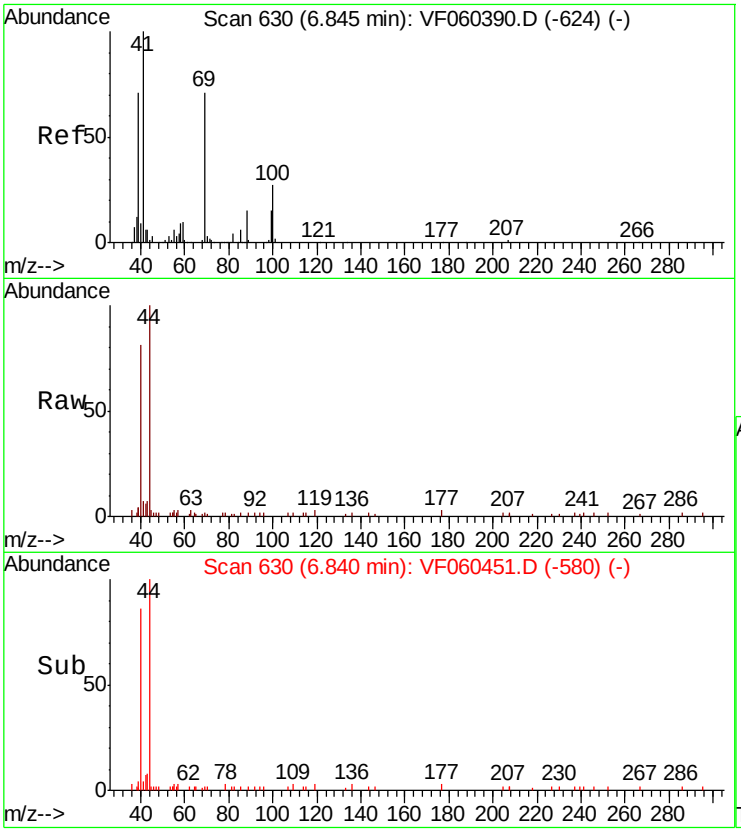


#35
Dibromofluoromethane
Concen: 40.075 ug/l
RT: 4.27 min Scan# 369
Delta R.T. 0.01 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Tgt Ion:113 Resp: 167523

Ion	Ratio	Lower	Upper
113	100		
111	97.4	82.3	123.5
192	14.3	11.8	17.6



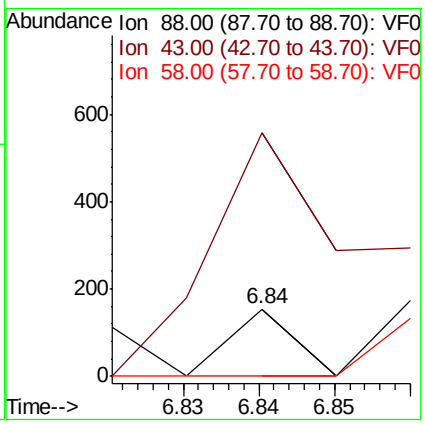


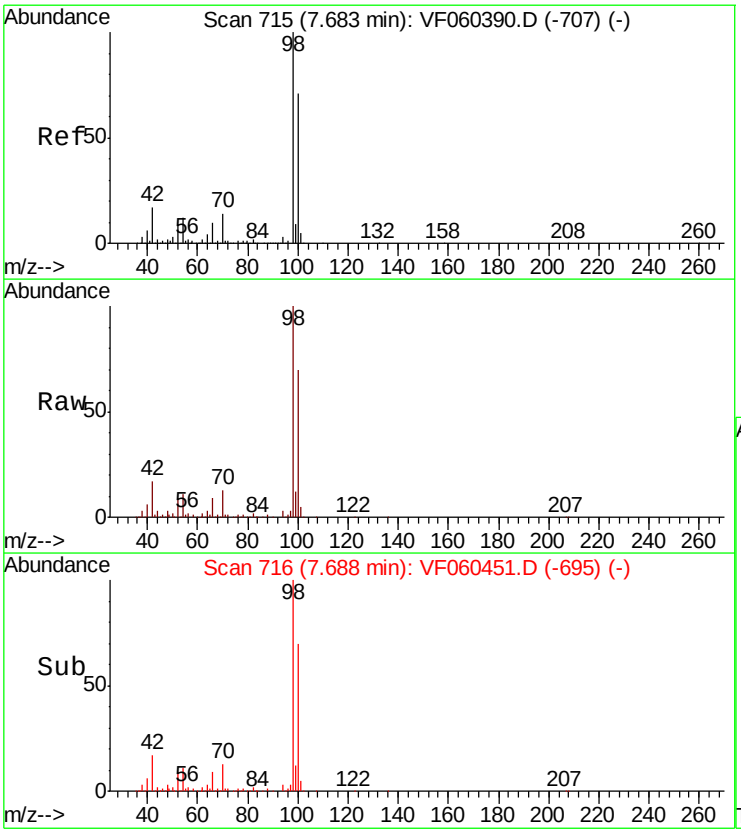
#49
1,4-Dioxane
Concen: 5.791 ug/l
RT: 6.84 min Scan# 630
Delta R.T. -0.00 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 91

Ion	Ratio	Lower	Upper
88	100		
43	362.3	38.3	57.5#
58	0.0	47.4	71.2#

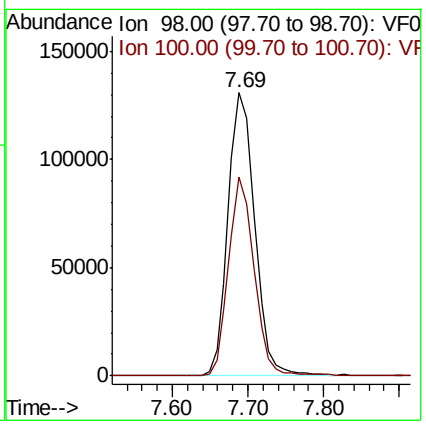


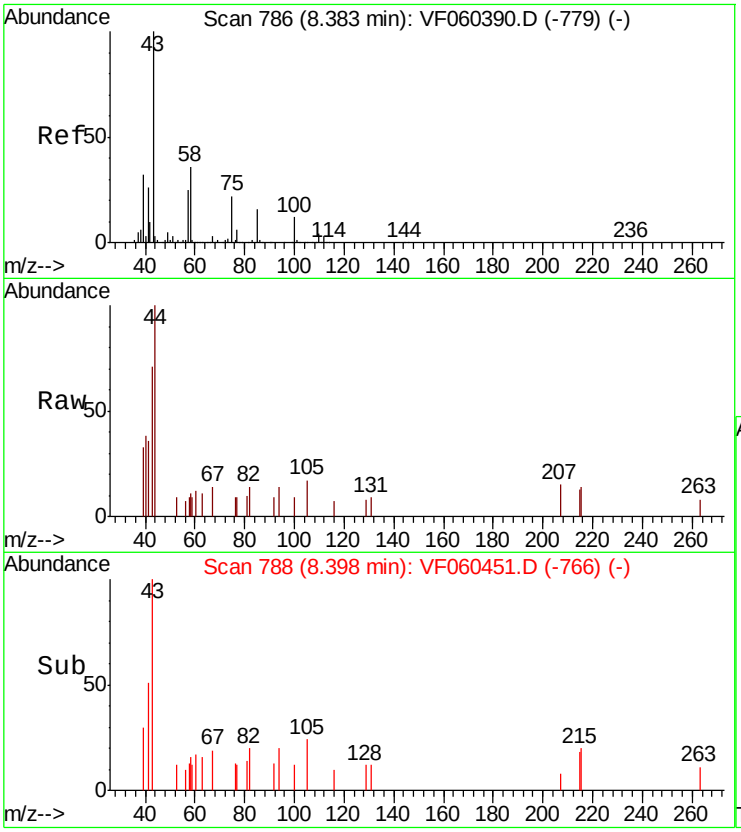


#50
Toluene-d8
Concen: 31.072 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.01 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Tgt Ion: 98 Resp: 319892

Ion	Ratio	Lower	Upper
98	100		
100	70.2	56.5	84.7



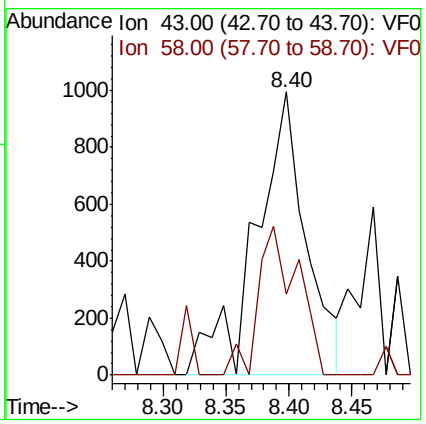


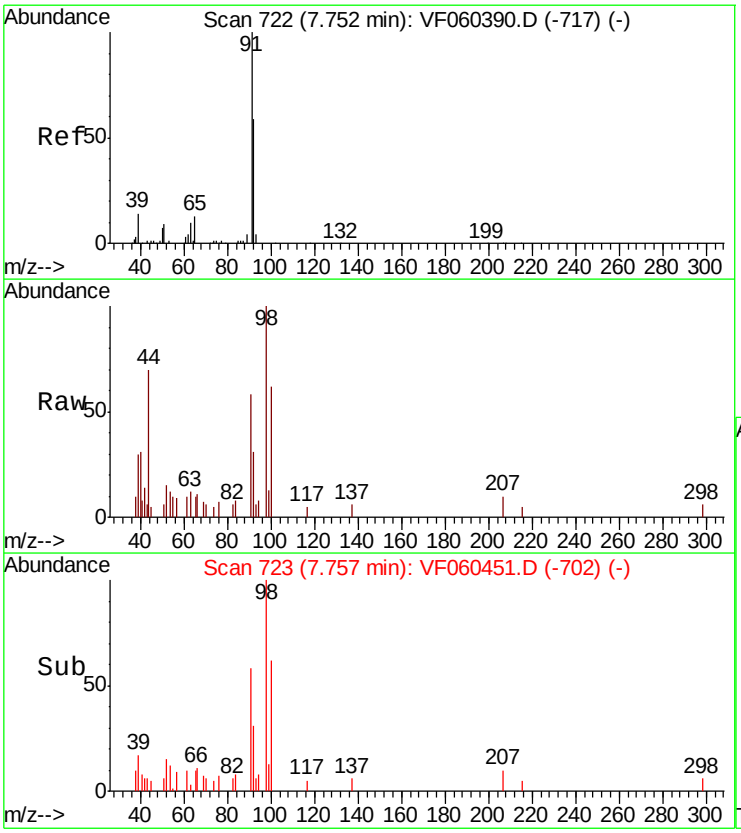
#51
4-Methyl-2-Pentanone
Concen: 1.537 ug/l
RT: 8.40 min Scan# 788
Delta R.T. 0.02 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2778

Ion	Ratio	Lower	Upper
43	100		
58	28.9	28.5	42.7

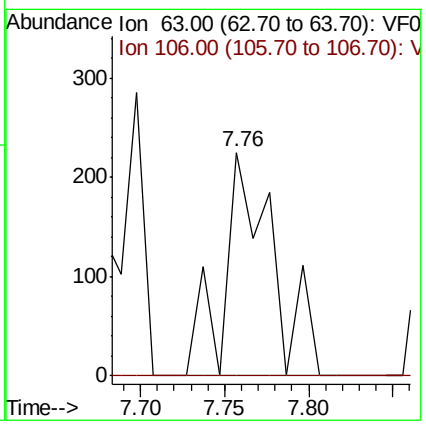


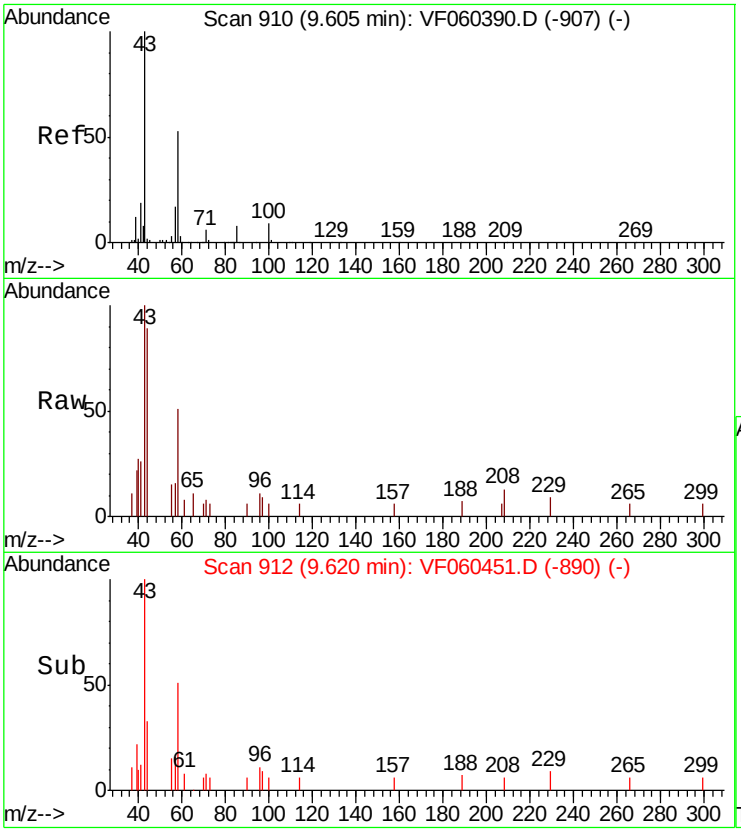


#58
2-Chloroethyl Vinyl ether
Concen: 1.668 ug/l
RT: 7.76 min Scan# 723
Delta R.T. 0.01 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Tgt Ion: 63 Resp: 454

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



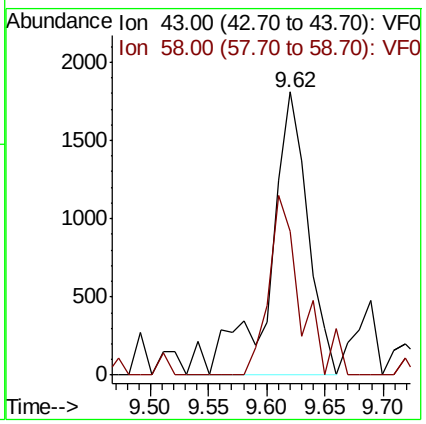


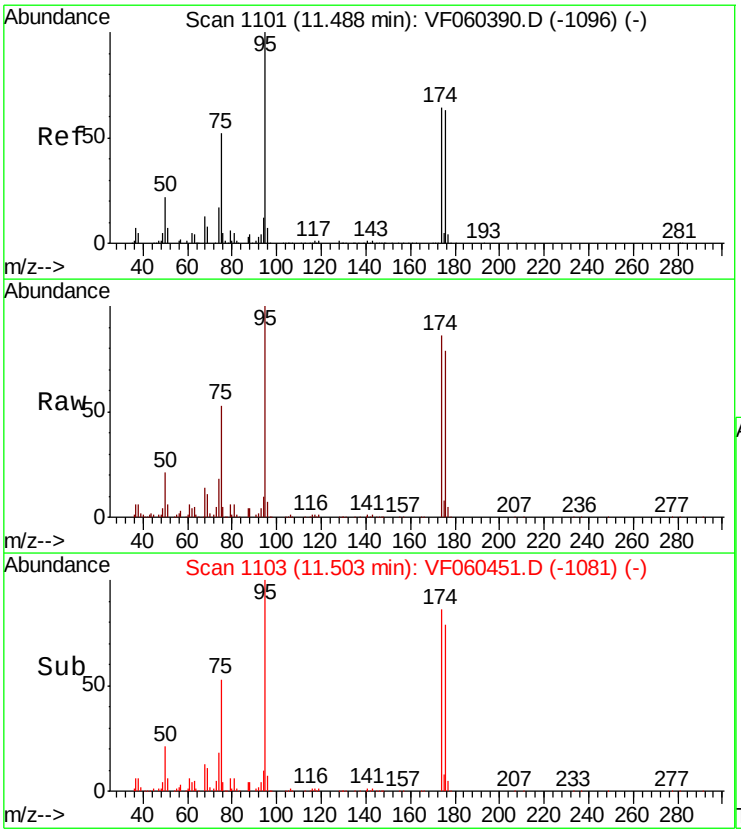
#59
2-Hexanone
Concen: 3.128 ug/l
RT: 9.62 min Scan# 912
Delta R.T. 0.02 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 4146

Ion	Ratio	Lower	Upper
43	100		
58	50.9	25.6	76.6

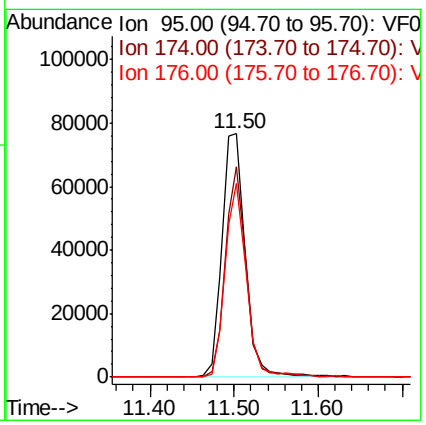


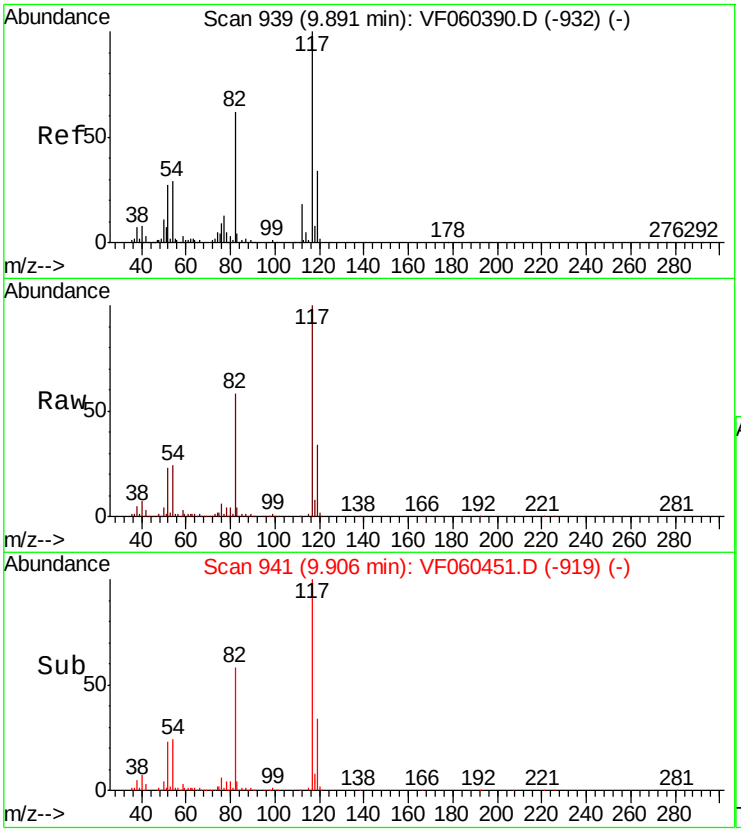


#62
4-Bromofluorobenzene
Concen: 31.244 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. 0.02 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Tgt Ion: 95 Resp: 146869

Ion	Ratio	Lower	Upper
95	100		
174	86.2	0.0	129.0
176	79.4	0.0	125.6



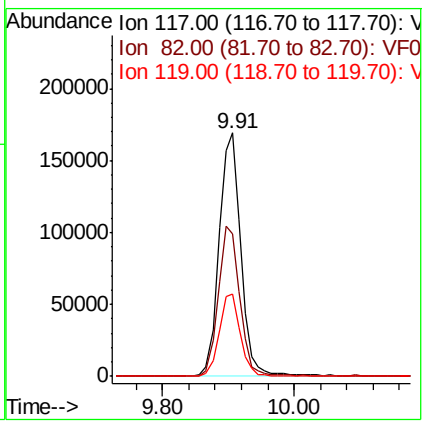


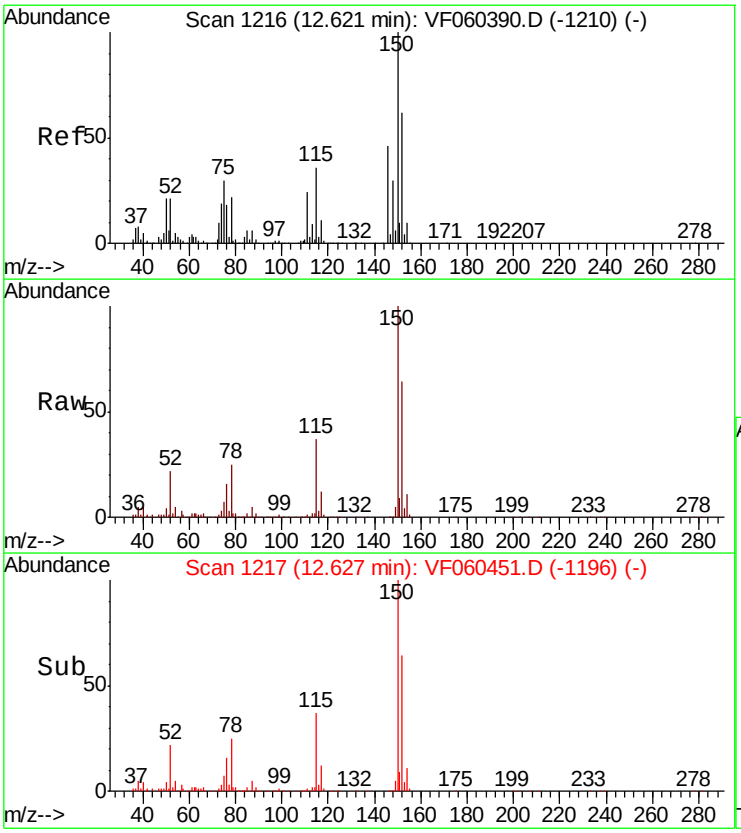
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. 0.02 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 390487

Ion	Ratio	Lower	Upper
117	100		
82	58.4	49.5	74.3
119	34.0	27.0	40.6

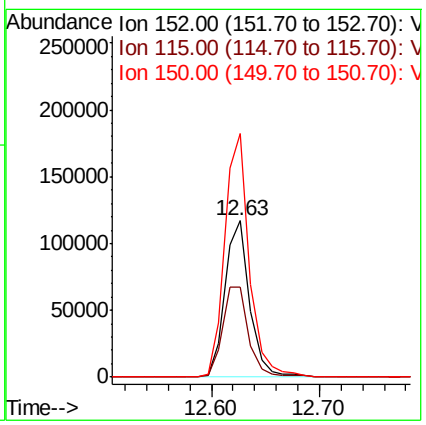


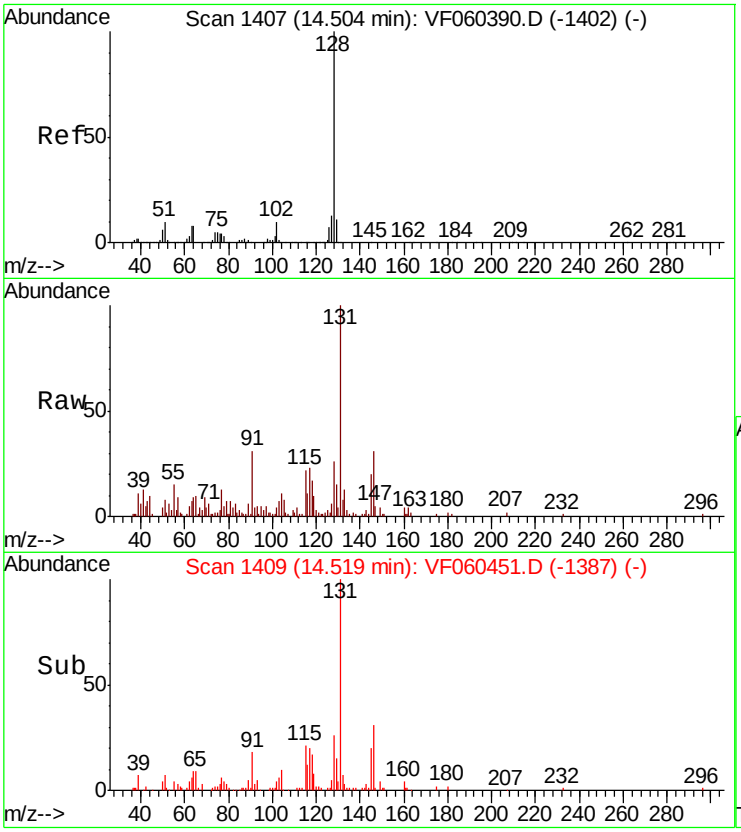


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.01 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Tgt Ion:152 Resp: 186897

Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.6	85.8
150	156.0	0.0	324.6





#95
Naphthalene
Concen: 1.037 ug/l
RT: 14.52 min Scan# 1409
Delta R.T. 0.02 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:128 Resp: 8219

Ion	Ratio	Lower	Upper
128	100		
127	22.0	10.0	15.0#
129	57.2	8.7	13.1#