Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100518\
Data File : VF060464.D
Acq On : 5 Oct 2018 19:37
Operator : VA/AP
Sample : J5270-04RE
Misc : 5.01/5mL/MSVOA F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : STOCK-PILE-BRE

Quant Time: Oct 06 04:37:01 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	5.03	168	72850	50.00 ug/l	0.01
34) 1,4-Difluorobenzene	5.75	114	76036	50.00 ug/l	0.00
63) Chlorobenzene-d5	9.91	117	20559	50.00 ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	3653	50.00 ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	39838	34.95 ug/l	0.00
Spiked Amount 50.000			Recovery =	69.90%	
35) Dibromofluoromethane	4.28	113	41726	58.41 ug/l	0.01
Spiked Amount 50.000			Recovery =	116.82%	
50) Toluene-d8	7.69	98	36649	20.83 ug/l	0.00
Spiked Amount 50.000			Recovery =	41.66%	
62) 4-Bromofluorobenzene	11.49	95	4607	5.74 ug/l	0.00
Spiked Amount 50.000			Recovery =	11.48%	

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
2) Dichlorodifluoromethane	0.99	85	588	Below Cal #	43
11) Tert butyl alcohol	2.68	59	284	4.119 ug/l #	1
13) Acrolein	2.10	56	603	10.874 ug/l #	64
15) Acrylonitrile	2.98	53	832	7.042 ug/l	95
16) Acetone	2.33	43	2644	Below Cal #	93
18) Methyl Acetate	2.46	43	4673	9.466 ug/l #	85
20) Methylene Chloride	2.28	84	1628	Below Cal #	73
25) 2-Butanone	4.49	43	305	1.033 ug/l #	60
29) Tetrahydrofuran	4.24	42	660	1.377 ug/l #	68
37) Ethyl Acetate	4.25	43	384	1.070 ug/l #	1
41) Methacrylonitrile	4.89	41	817	4.292 ug/l #	31
43) Isopropyl Acetate	7.09	43	954	2.199 ug/l #	44
49) 1,4-Dioxane	6.93	88	125	46.553 ug/l #	1
51) 4-Methyl-2-Pentanone	8.39	43	2865	9.277 ug/l	99
56) Ethyl methacrylate	8.74	69	848	1.863 ug/l #	52
58) 2-Chloroethyl Vinyl ether	7.76	63	72	1.548 ug/l	100
59) 2-Hexanone	9.62	43	5268	23.257 ug/l	76
73) Isopropylbenzene	11.21	105	516	1.794 ug/l #	51
74) N-amyl acetate	11.44	43	1854	28.086 ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.77	83	222	4.233 ug/l #	22
76) 1,2,3-Trichloropropane	11.88	75	141	3.652 ug/l #	39
77) Bromobenzene	11.58	156	142	2.209 ug/l #	11
78) n-propylbenzene	11.68	91	1894	5.432 ug/l	78
79) 2-Chlorotoluene	11.80	91	412	2.020 ug/l	76
80) 1,3,5-Trimethylbenzene	11.92	105	510	2.087 ug/l	97
81) trans-1,4-Dichloro-2-buten	12.00	75	99	5.785 ug/l #	15
82) 4-Chlorotoluene	11.98	91	1015	4.864 ug/l	72
83) tert-Butylbenzene	12.21	119	618	2.564 ug/l	93
84) 1,2,4-Trimethylbenzene	12.28	105	878	3.623 ug/l	99
85) sec-Butylbenzene	12.37	105	1281	3.850 ug/l	86
86) p-Isopropyltoluene	12.53	119	965	3.550 ug/l #	71
87) 1,3-Dichlorobenzene	12.54	146	542	4.480 ug/l	71
88) 1,4-Dichlorobenzene	12.54	146	542	4.543 ug/l	71
89) n-Butylbenzene	12.91	91	1063	3.696 ug/l #	68

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100518\
Data File : VF060464.D
Acq On : 5 Oct 2018 19:37
Operator : VA/AP
Sample : J5270-04RE
Misc : 5.01/5mL/MSVOA F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

Quant Time: Oct 06 04:37:01 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)
91) 1,2-Dichlorobenzene	13.01	146	447	3.856	ug/l	#	69
92) 1,2-Dibromo-3-Chloropropan	13.77	75	70	6.886	ug/l	#	4
93) 1,2,4-Trichlorobenzene	14.26	180	923	10.653	ug/l		60
94) Hexachlorobutadiene	14.24	225	82	1.356	ug/l	#	15
95) Naphthalene	14.51	128	4314	27.847	ug/l	#	89
96) 1,2,3-Trichlorobenzene	14.66	180	657	8.089	ug/l	#	56

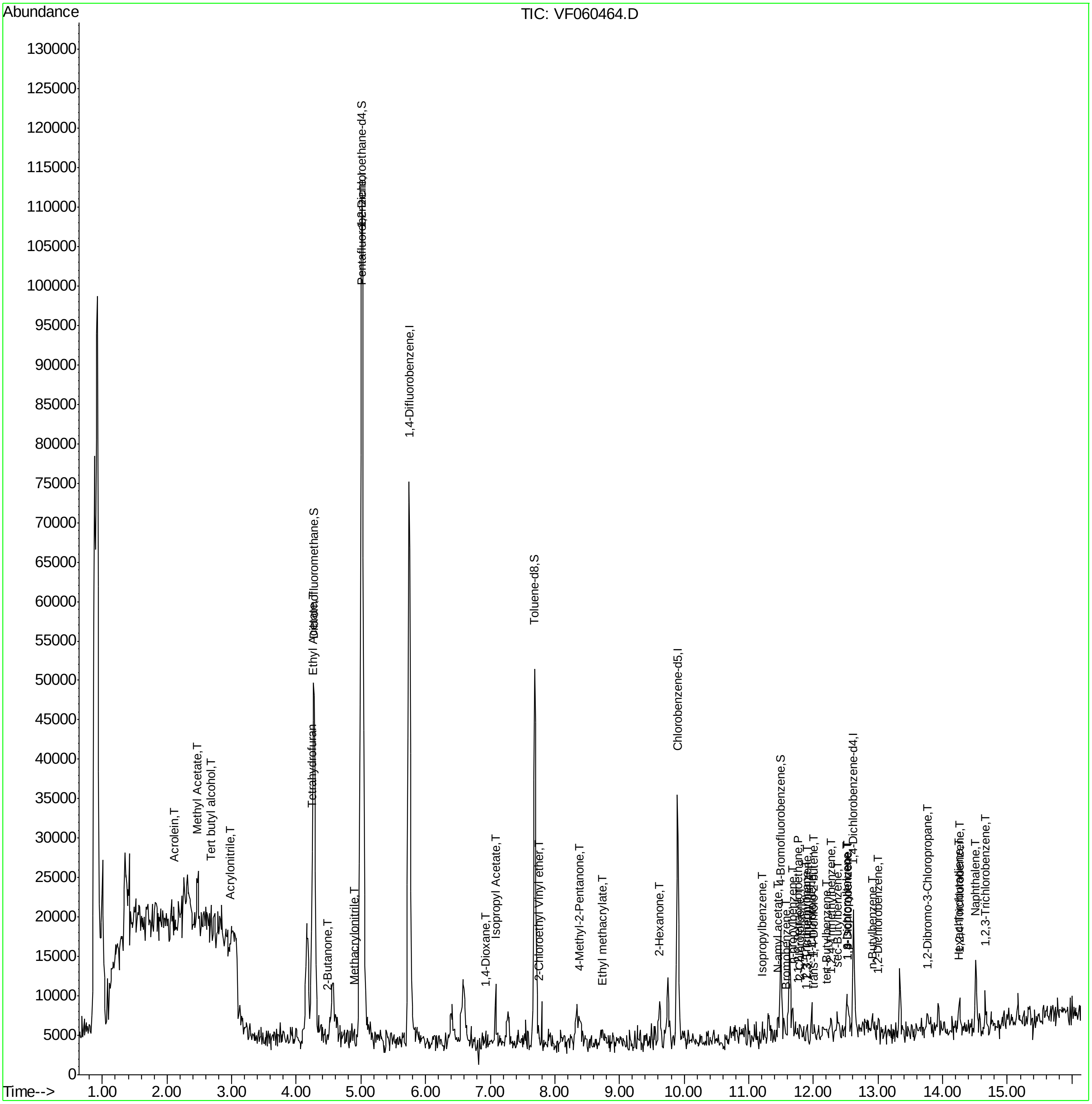
(#) = qualifier out of range (m) = manual integration (+) = signals summed

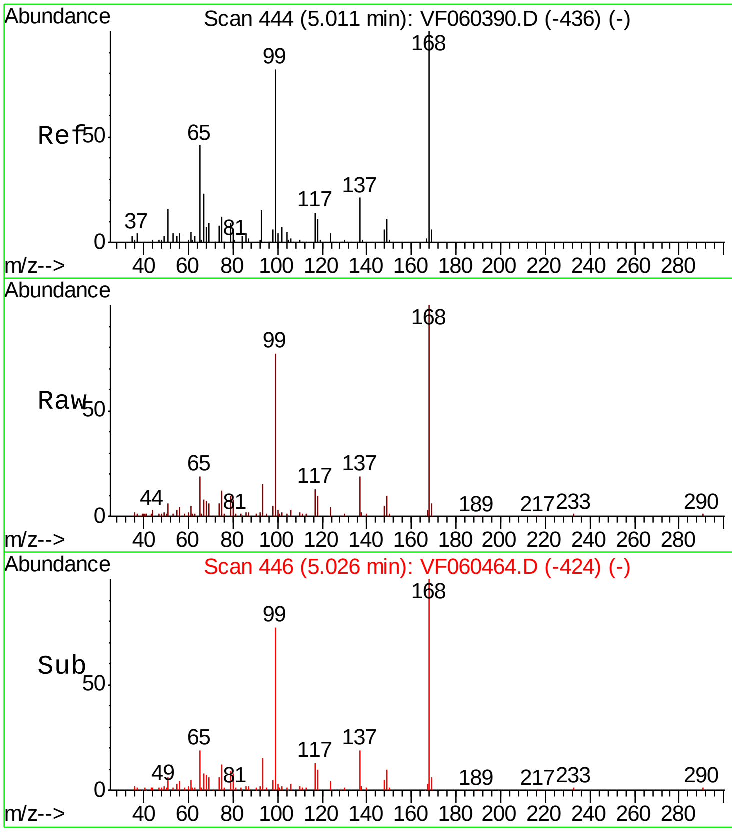
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100518\
Data File : VF060464.D
Acq On : 5 Oct 2018 19:37
Operator : VA/AP
Sample : J5270-04RE
Misc : 5.01/5mL/MSVOA F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

Quant Time: Oct 06 04:37:01 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



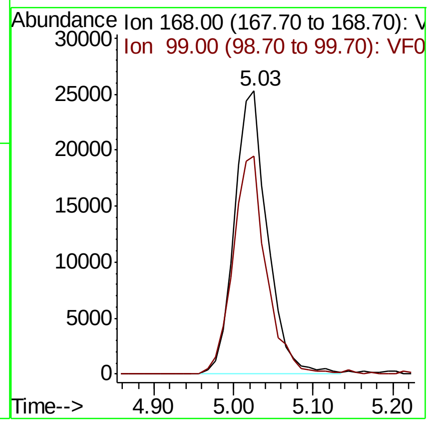


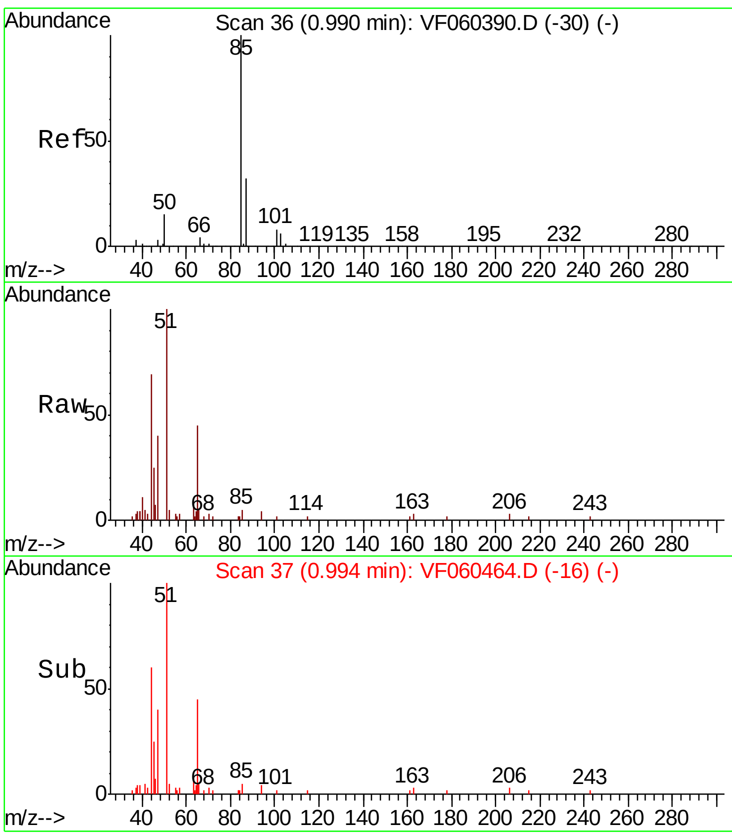
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 446
Delta R.T. 0.01 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

Tgt Ion:168 Resp: 72850

Ion	Ratio	Lower	Upper
168	100		
99	77.1	65.3	97.9

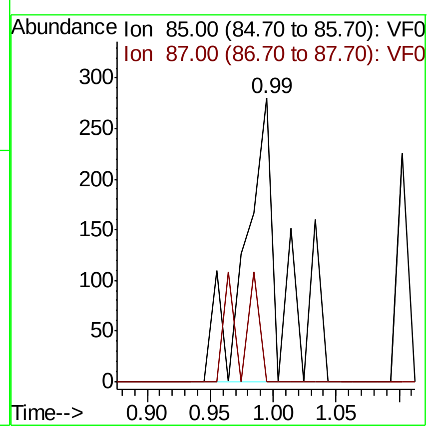


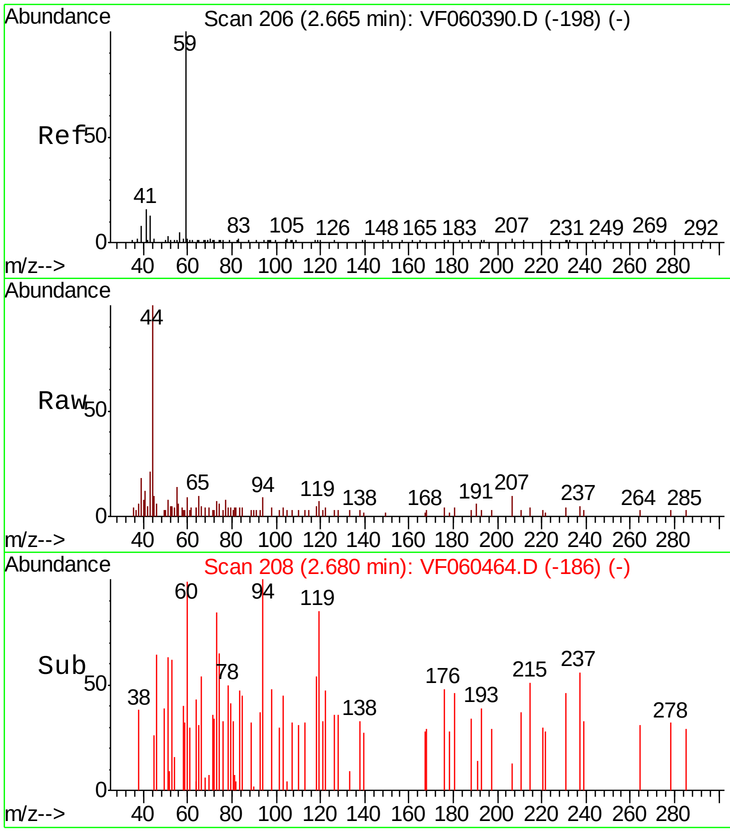


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.99 min Scan# 37
Delta R.T. 0.01 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Tgt Ion: 85 Resp: 588

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.6#



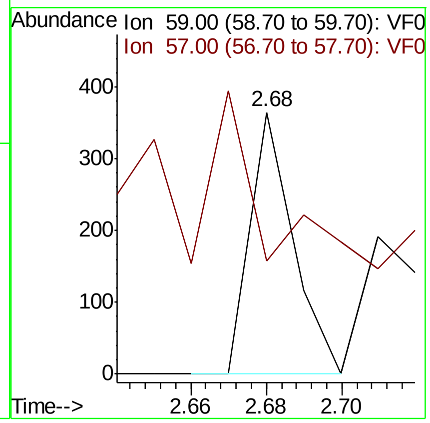


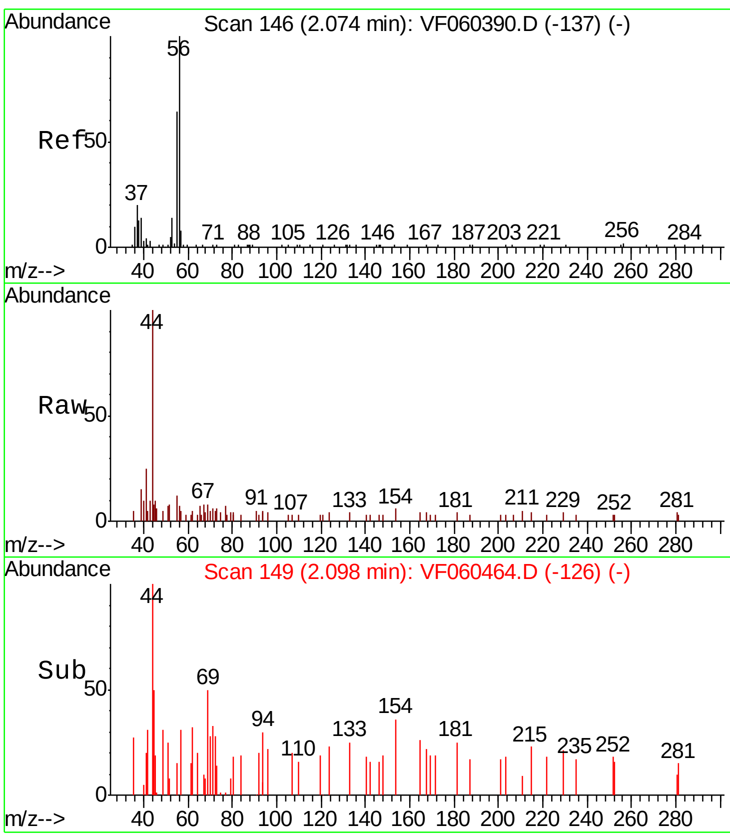
#11
Tert butyl alcohol
Concen: 4.119 ug/l
RT: 2.68 min Scan# 208
Delta R.T. 0.01 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

Tgt Ion: 59 Resp: 284

Ion	Ratio	Lower	Upper
59	100		
57	43.3	6.5	9.7#

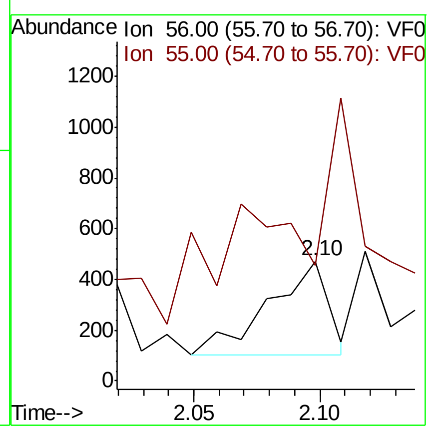


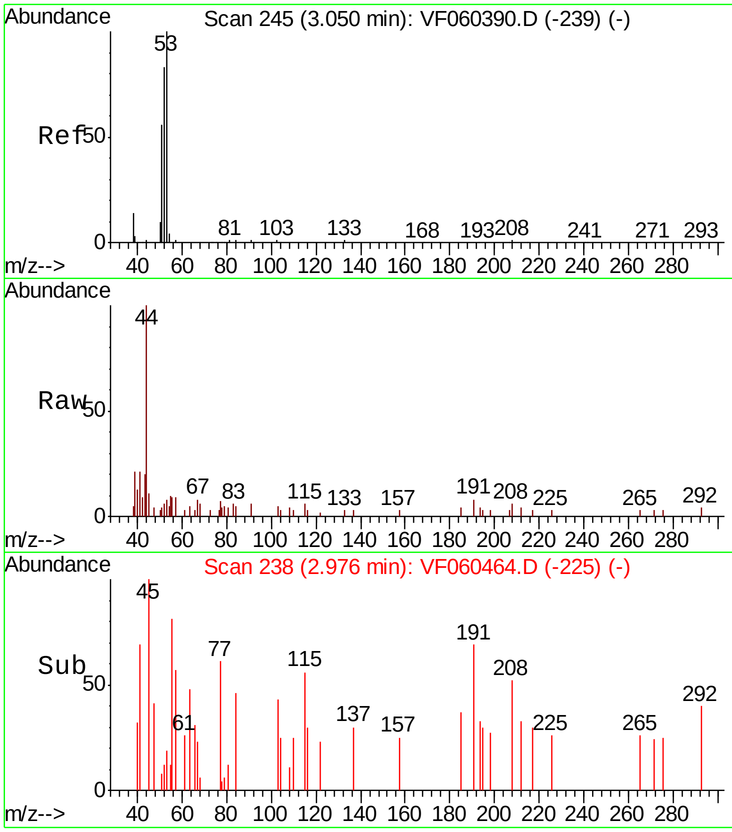


#13
Acrolein
Concen: 10.874 ug/l
RT: 2.10 min Scan# 149
Delta R.T. 0.02 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Tgt Ion: 56 Resp: 603

Ion	Ratio	Lower	Upper
56	100		
55	96.6	53.9	80.9#

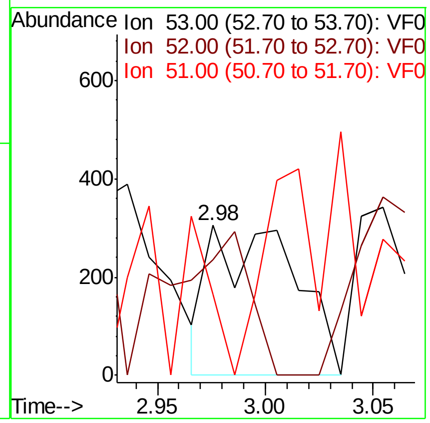


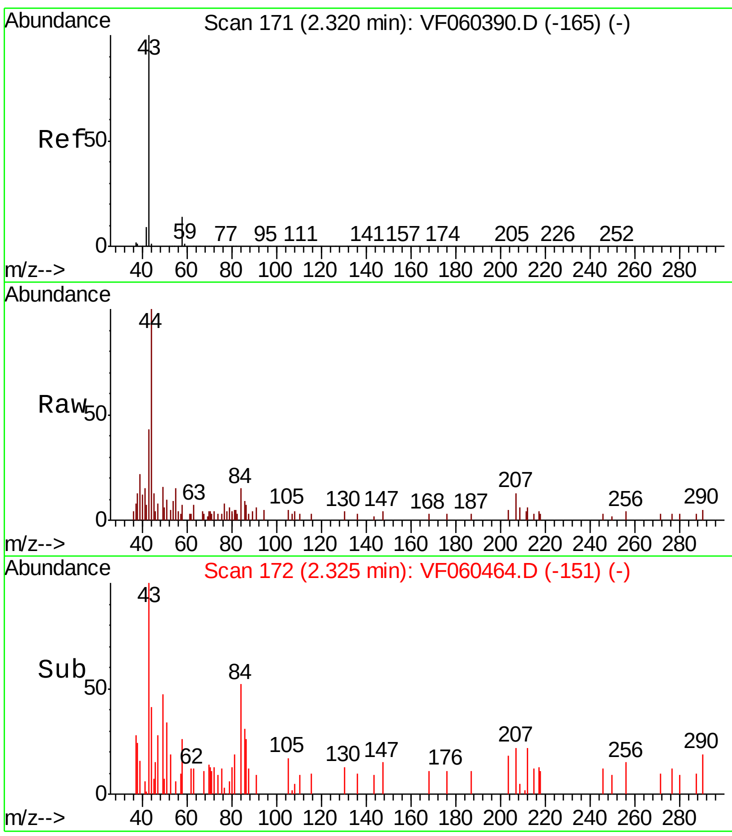



```
#15
Acrylonitrile
Concen:     7.042 ug/l
RT: 2.98 min   Scan# 238
Delta R.T.    -0.07 min
Lab File:   VF060464.D
Acq:  5 Oct 2018   19:37

Tgt Ion: 53 Resp:      832
Ion  Ratio   Lower   Upper
 53  100
 52   77.4    66.0    99.0
 51   53.8    45.6    68.4
```

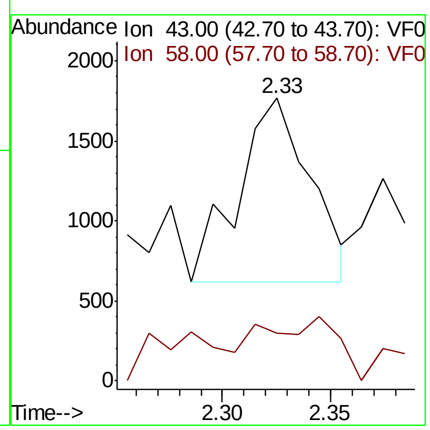
Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

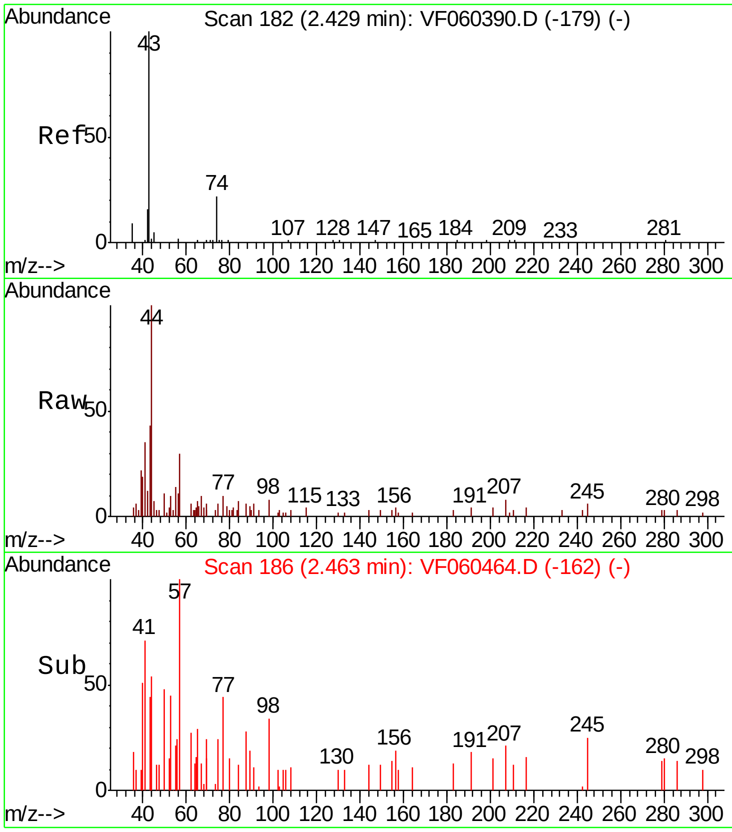





```
#16
Acetone
Concen:    Below Cal
RT: 2.33 min   Scan# 172
Delta R.T.    0.01 min
Lab File:   VF060464.D
Acq:  5 Oct 2018   19:37

Tgt Ion: 43 Resp:     2644
Ion  Ratio   Lower   Upper
 43  100
 58   17.0    11.2    16.8#
```



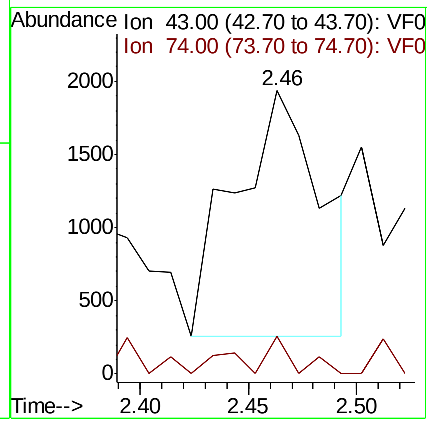


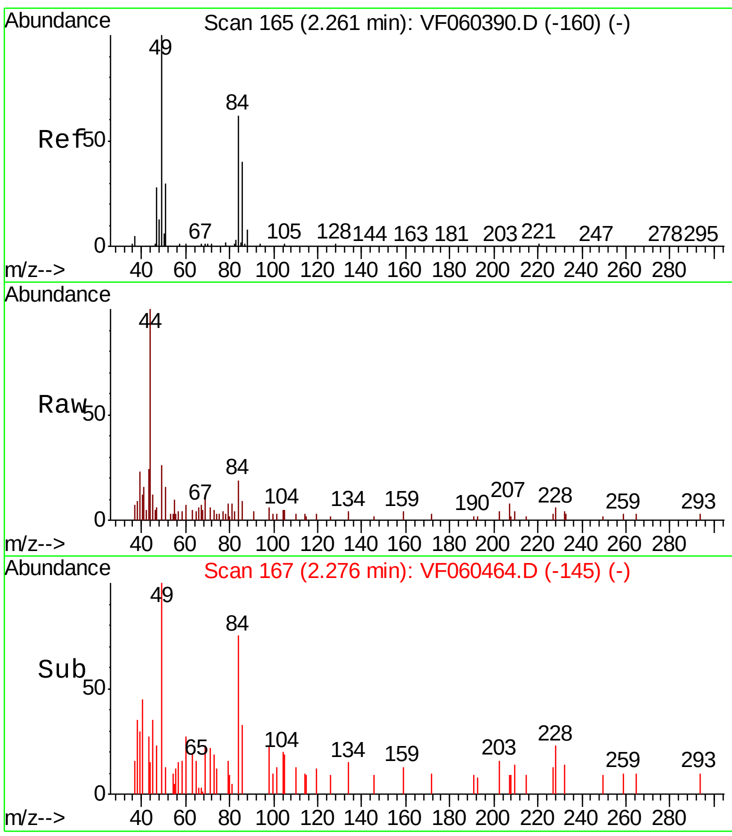
#18
Methyl Acetate
Concen: 9.466 ug/l
RT: 2.46 min Scan# 186
Delta R.T. 0.04 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

Tgt Ion: 43 Resp: 4673

Ion	Ratio	Lower	Upper
43	100		
74	13.1	15.8	23.8#

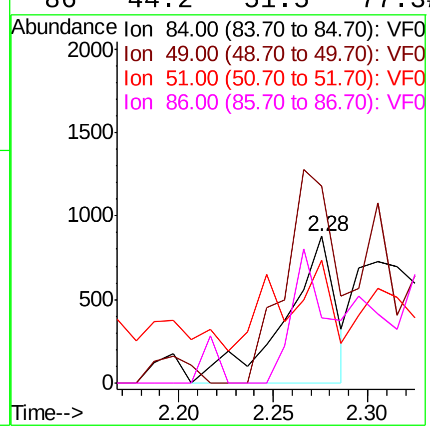


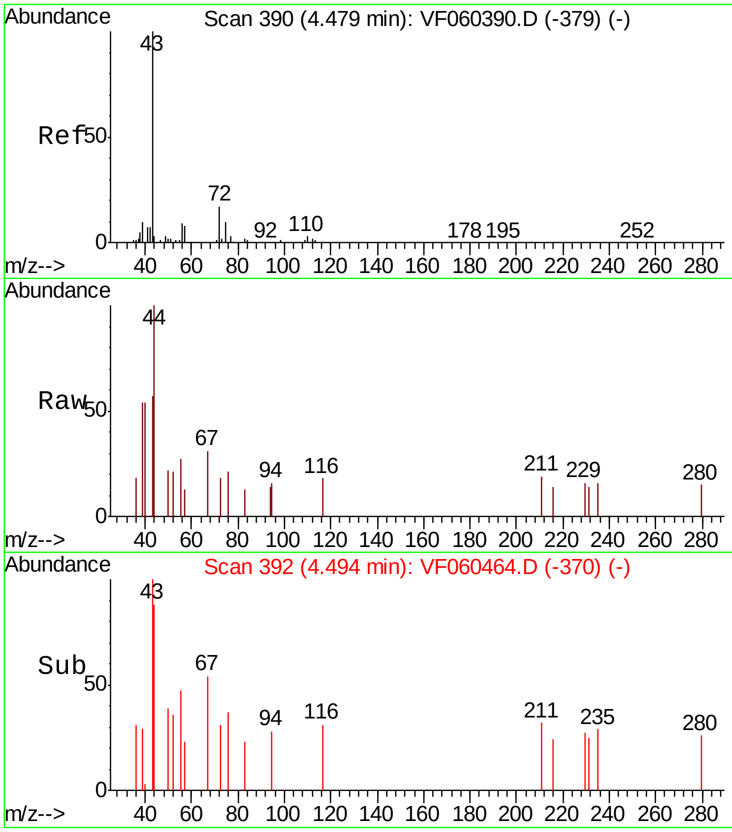


#20
Methylene Chloride
Concen: Below Cal
RT: 2.28 min Scan# 167
Delta R.T. 0.01 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Tgt Ion: 84 Resp: 1628

Ion	Ratio	Lower	Upper
84	100		
49	134.1	130.2	195.2
51	83.8	41.0	61.6#
86	44.2	51.5	77.3#

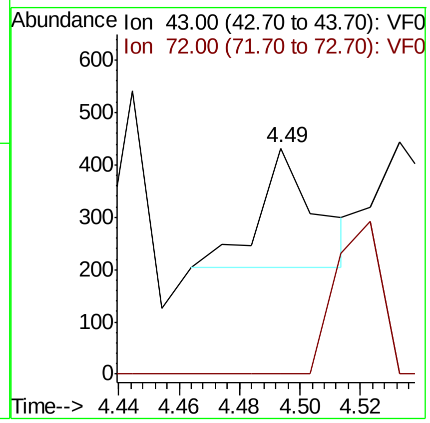


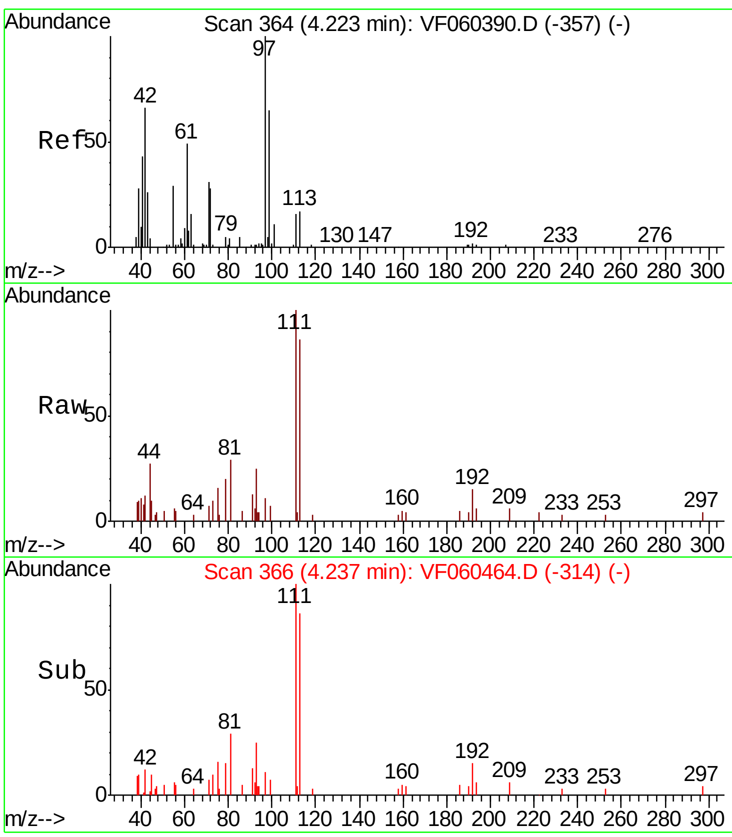



```
#25
2-Butanone
Concen:    1.033 ug/l
RT: 4.49 min   Scan# 392
Delta R.T.    0.01 min
Lab File:    VF060464.D
Acq:  5 Oct 2018   19:37

Tgt Ion: 43 Resp:      305
Ion  Ratio  Lower  Upper
 43  100
 72    0.0   14.1   21.1#
```

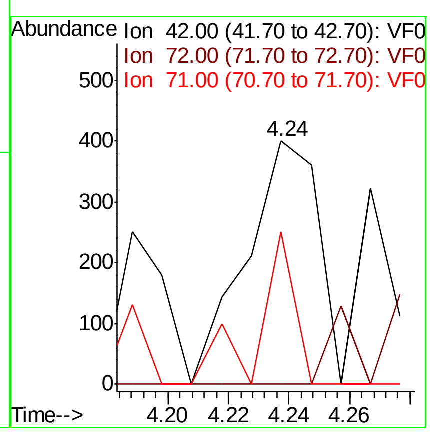
Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

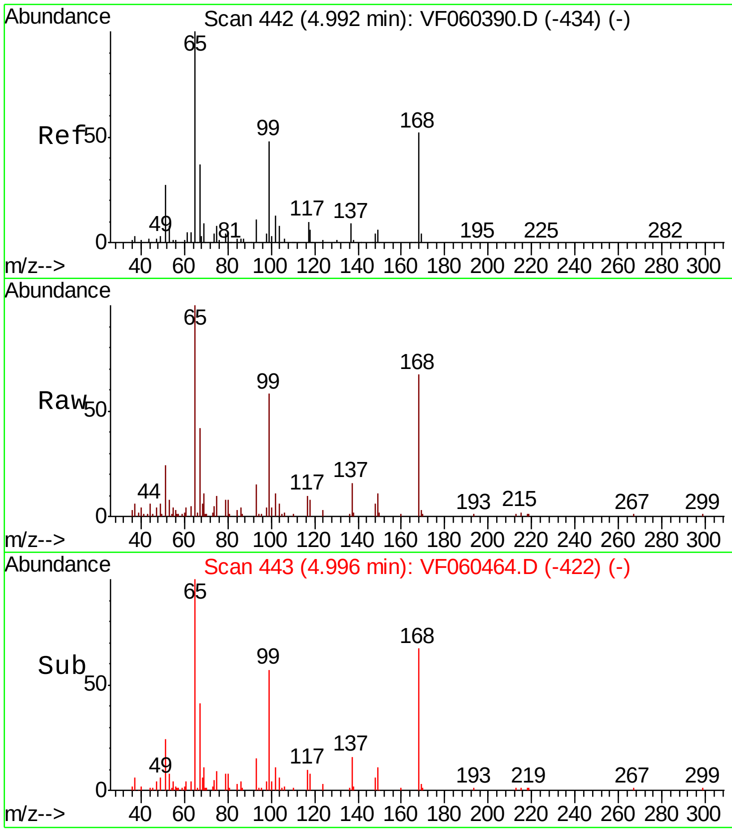





```
#29
Tetrahydrofuran
Concen:    1.377 ug/l
RT: 4.24 min   Scan# 366
Delta R.T.    0.02 min
Lab File:    VF060464.D
Acq:  5 Oct 2018   19:37

Tgt Ion: 42 Resp:      660
Ion  Ratio  Lower  Upper
 42  100
 72   11.7   33.6   50.4#
 71   31.5   32.7   49.1#
```



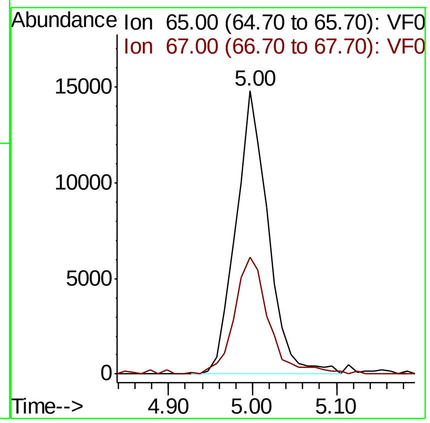


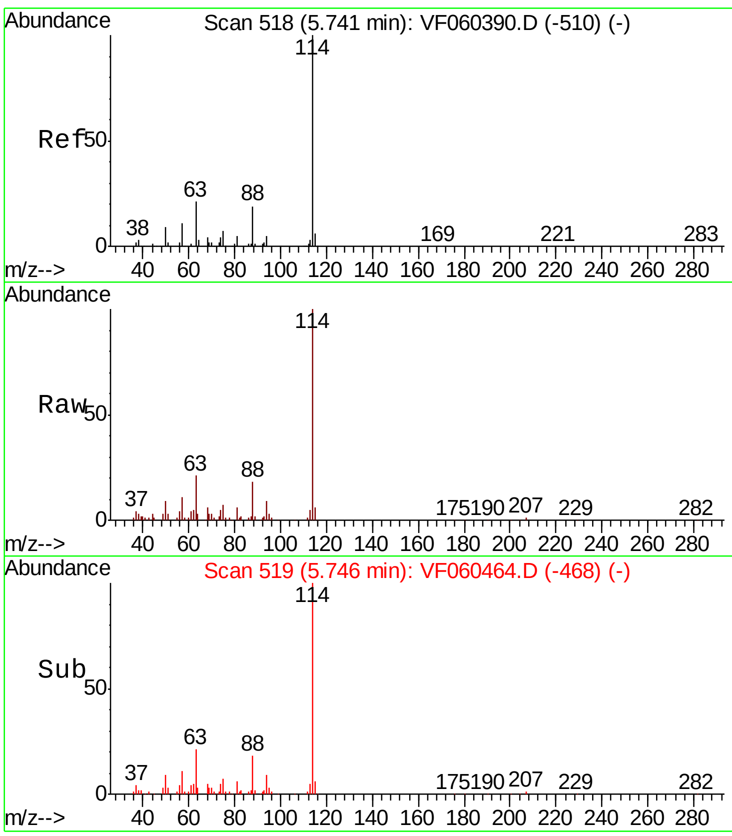
#33
1,2-Dichloroethane-d4
Concen: 34.948 ug/l
RT: 5.00 min Scan# 443
Delta R.T. 0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

Tgt Ion: 65 Resp: 39838

Ion	Ratio	Lower	Upper
65	100		
67	41.5	0.0	89.4

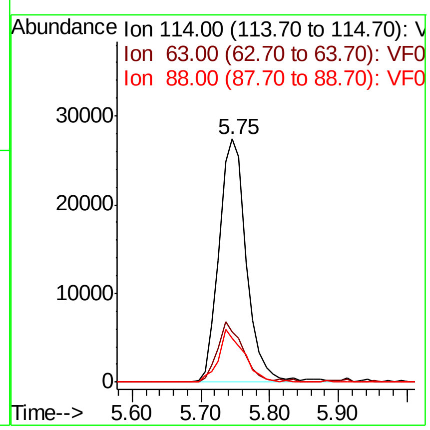


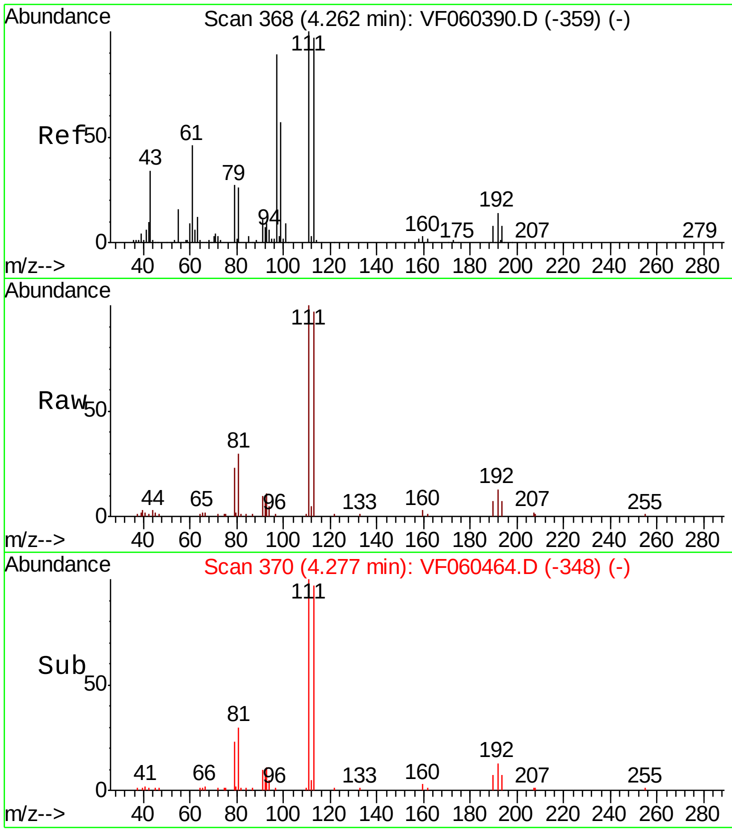


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 519
Delta R.T. 0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Tgt Ion:114 Resp: 76036

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	42.2
88	18.3	0.0	38.8



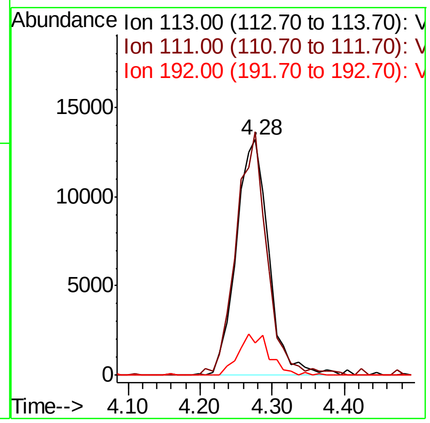


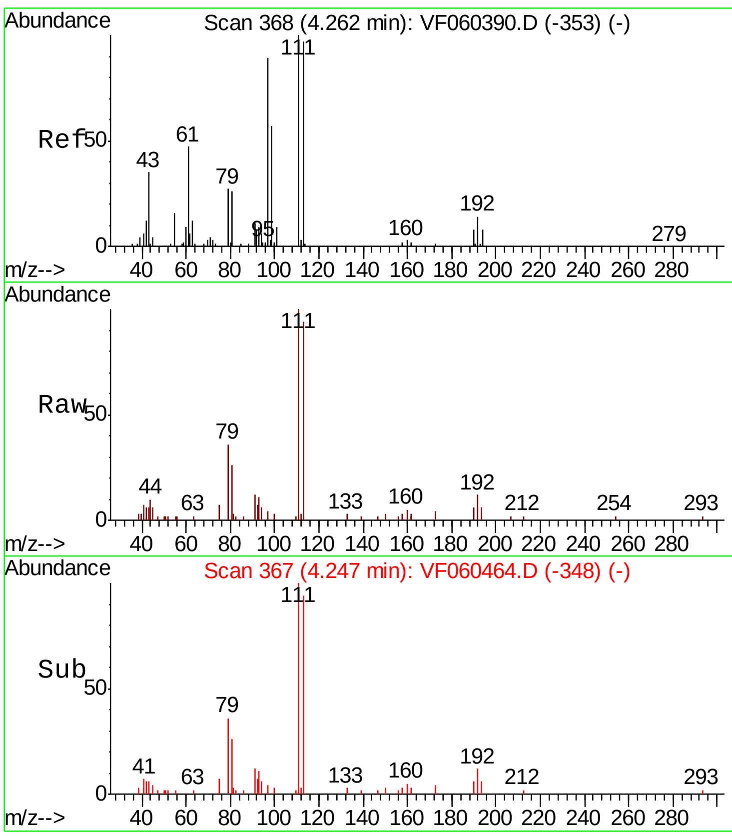
#35
Dibromofluoromethane
Concen: 58.414 ug/l
RT: 4.28 min Scan# 370
Delta R.T. 0.01 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

Tgt Ion:113 Resp: 41726

Ion	Ratio	Lower	Upper
113	100		
111	108.6	82.3	123.5
192	13.7	11.8	17.6

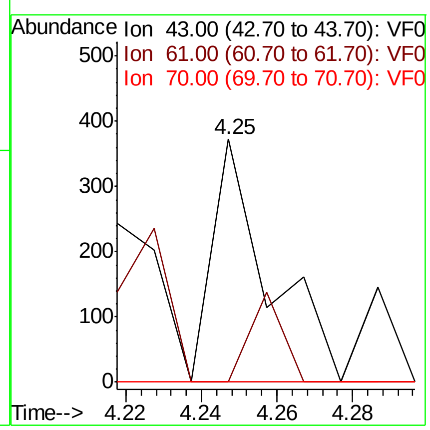


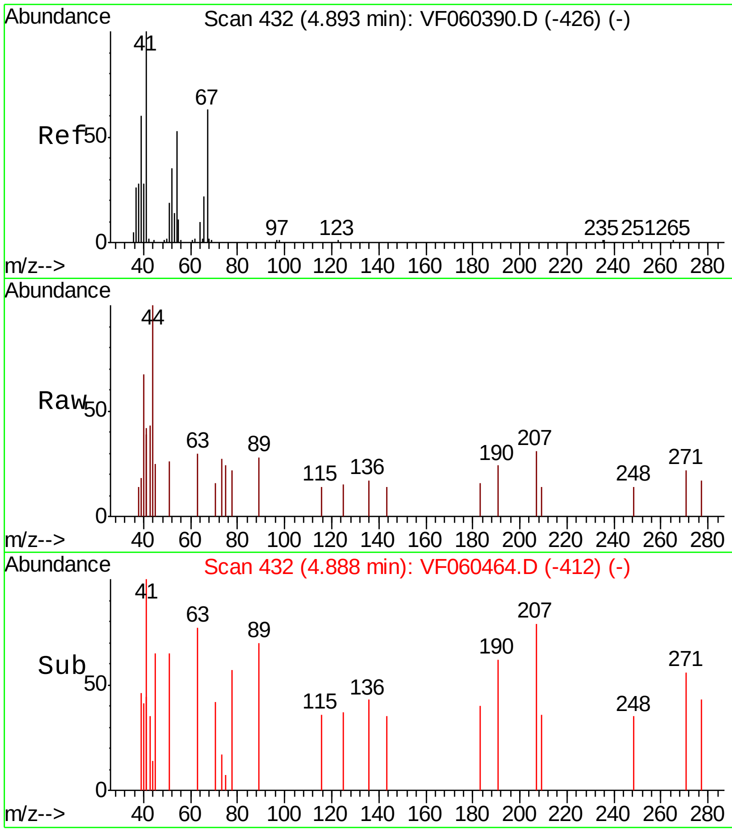


#37
Ethyl Acetate
Concen: 1.070 ug/l
RT: 4.25 min Scan# 367
Delta R.T. -0.01 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Tgt Ion: 43 Resp: 384

Ion	Ratio	Lower	Upper
43	100		
61	0.0	105.1	157.7#
70	0.0	8.0	12.0#



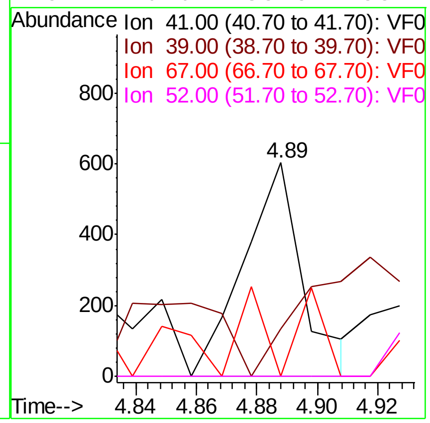


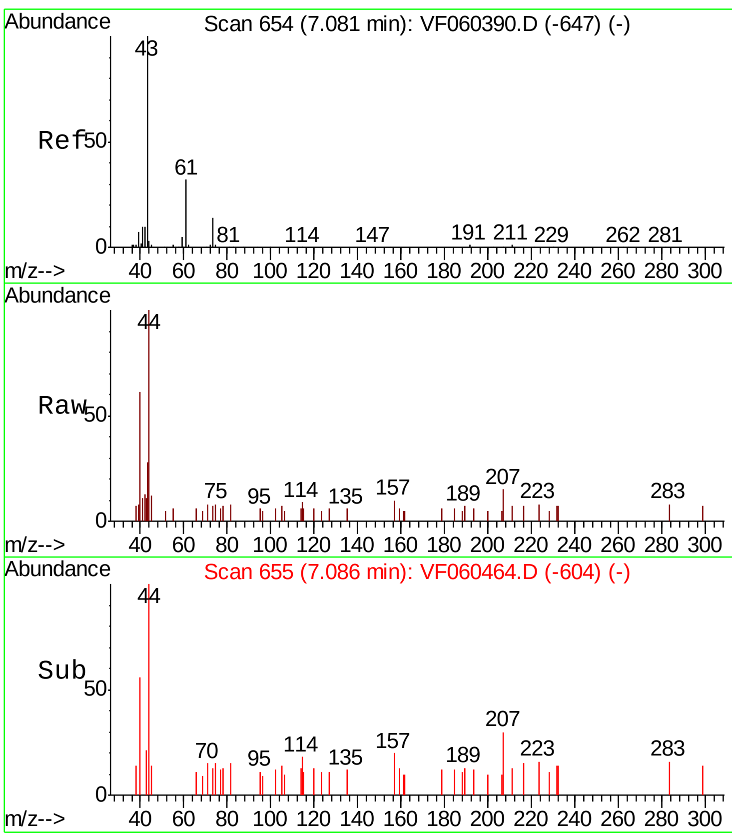
#41
Methacrylonitrile
Concen: 4.292 ug/l
RT: 4.89 min Scan# 432
Delta R.T. -0.01 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

Tgt Ion: 41 Resp: 817

Ion	Ratio	Lower	Upper
41	100		
39	22.2	55.0	82.4#
67	0.0	49.6	74.4#
52	0.0	38.8	58.2#

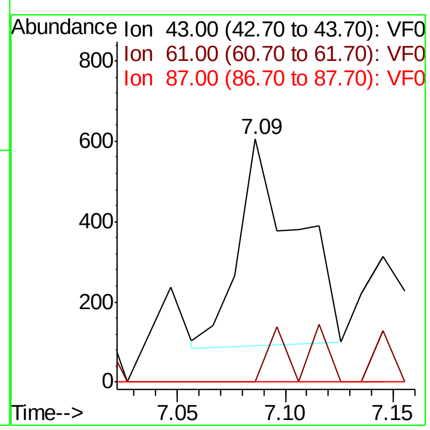


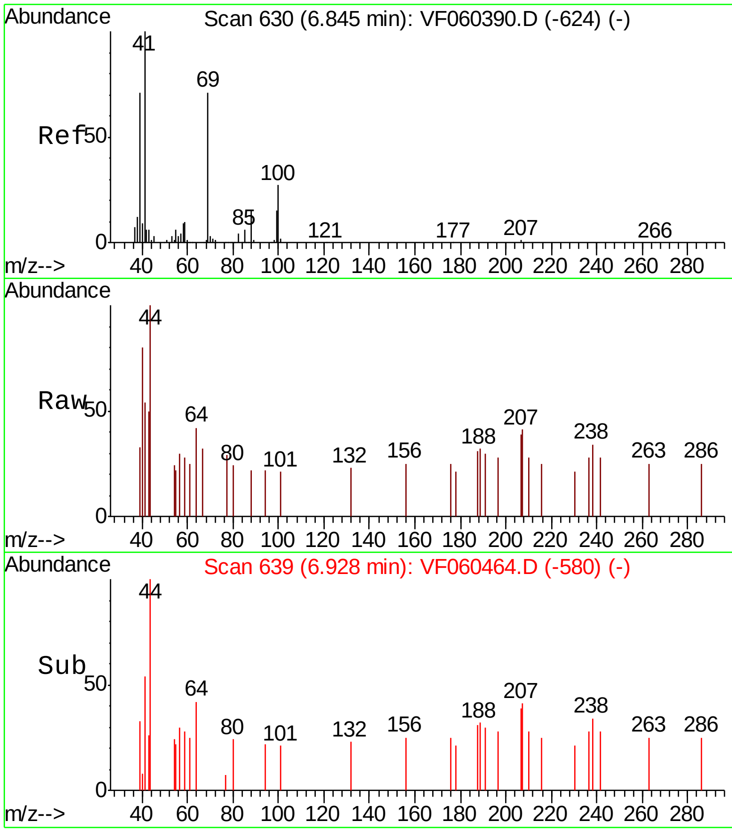


#43
Isopropyl Acetate
Concen: 2.199 ug/l
RT: 7.09 min Scan# 655
Delta R.T. 0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Tgt Ion: 43 Resp: 954

Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.4	38.2#
87	0.0	0.3	0.5#



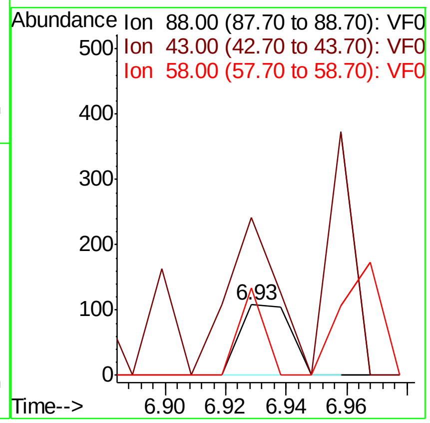


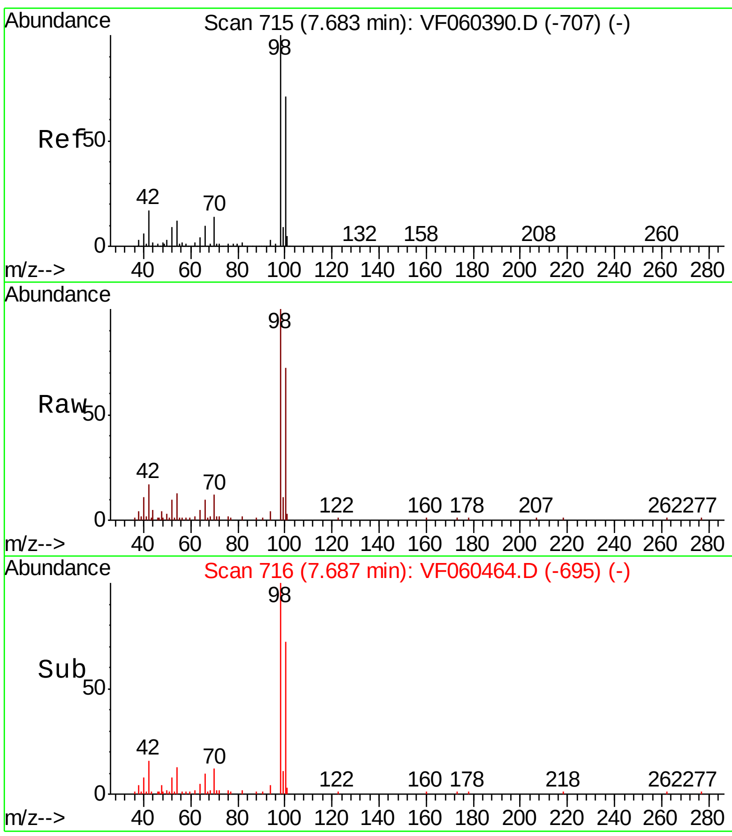
#49
1,4-Dioxane
Concen: 46.553 ug/l
RT: 6.93 min Scan# 639
Delta R.T. 0.08 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

Tgt Ion: 88 Resp: 125

Ion	Ratio	Lower	Upper
88	100		
43	224.1	38.3	57.5#
58	125.0	47.4	71.2#

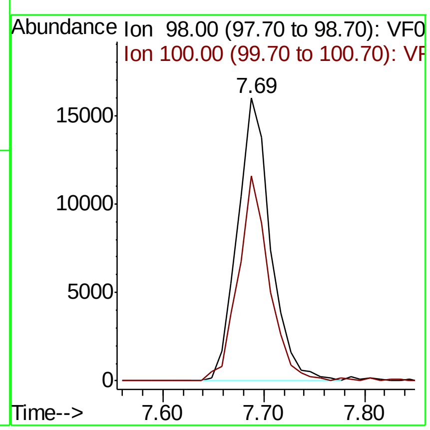


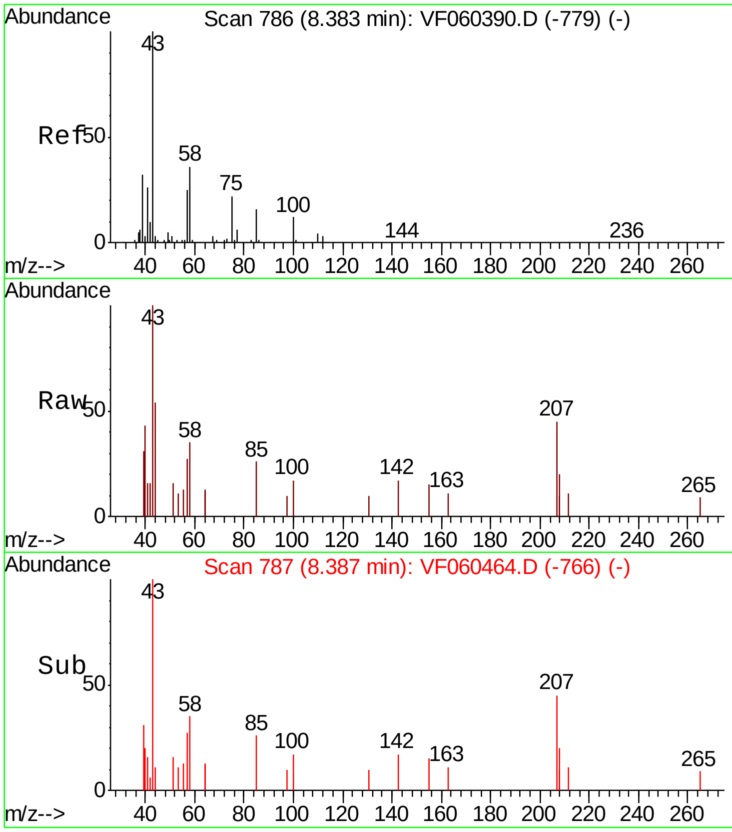


#50
Toluene-d8
Concen: 20.833 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Tgt Ion: 98 Resp: 36649

Ion	Ratio	Lower	Upper
98	100		
100	72.4	56.5	84.7



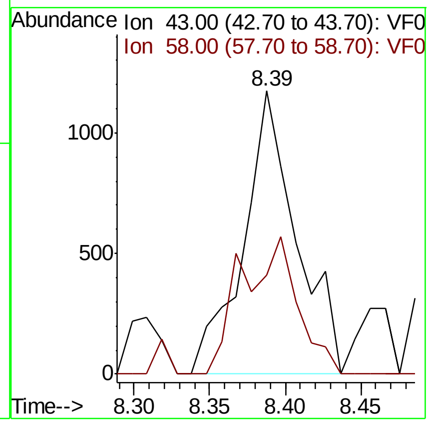


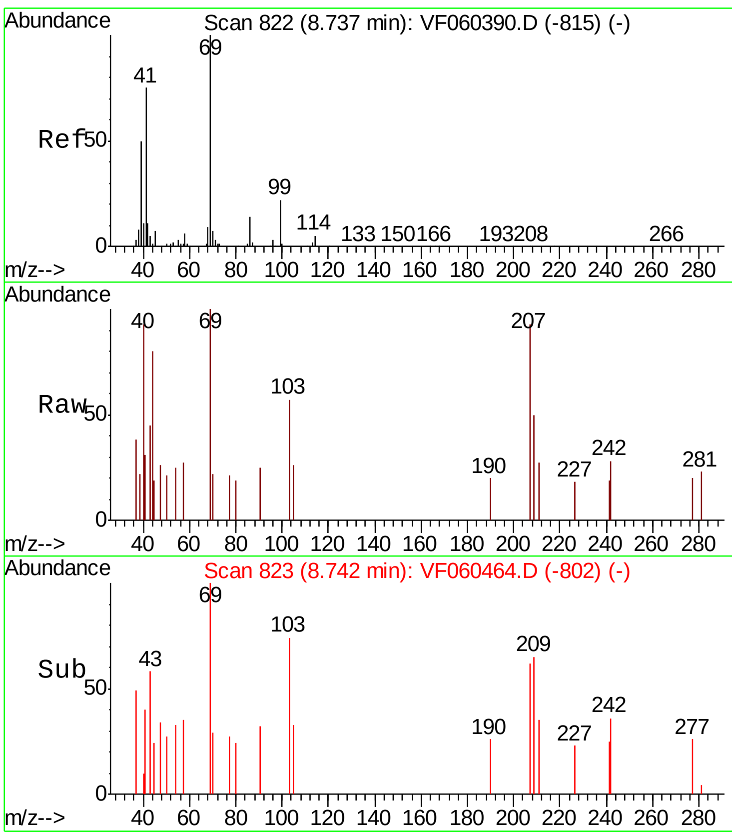
#51
4-Methyl-2-Pentanone
Concen: 9.277 ug/l
RT: 8.39 min Scan# 787
Delta R.T. 0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

Tgt Ion: 43 Resp: 2865

Ion	Ratio	Lower	Upper
43	100		
58	35.0	28.5	42.7

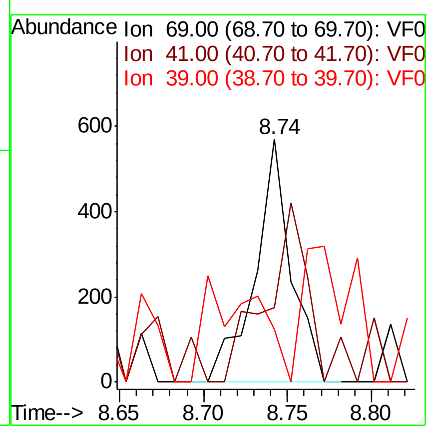




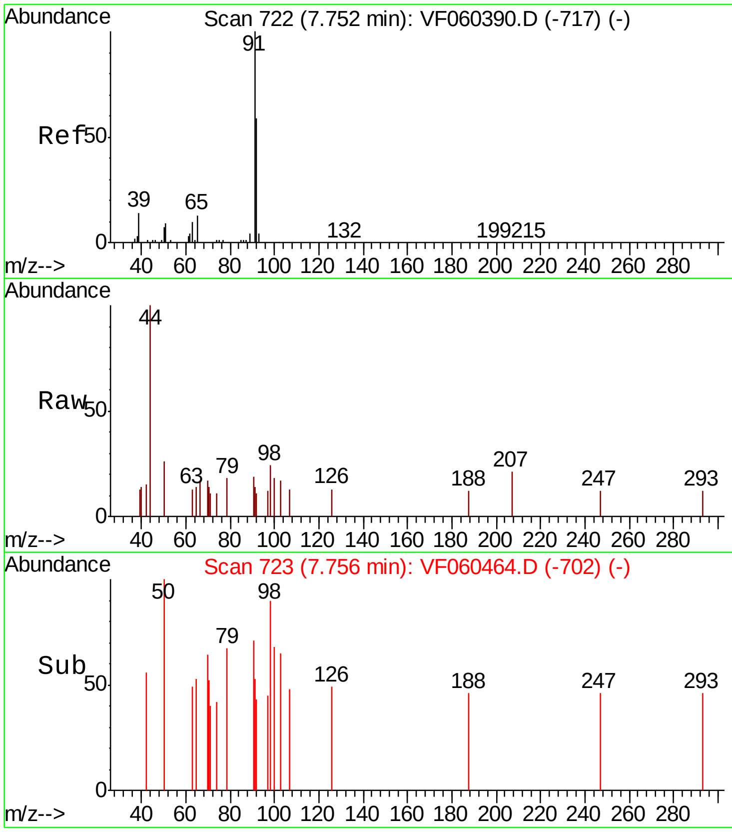
#56
Ethyl methacrylate
Concen: 1.863 ug/l
RT: 8.74 min Scan# 823
Delta R.T. 0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Tgt Ion: 69 Resp: 848

Ion	Ratio	Lower	Upper
69	100		
41	30.8	60.2	90.4#
39	21.5	40.2	60.2#

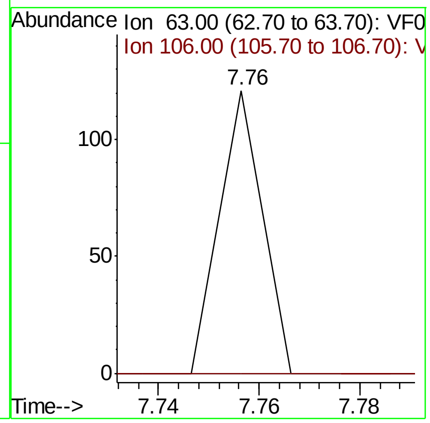


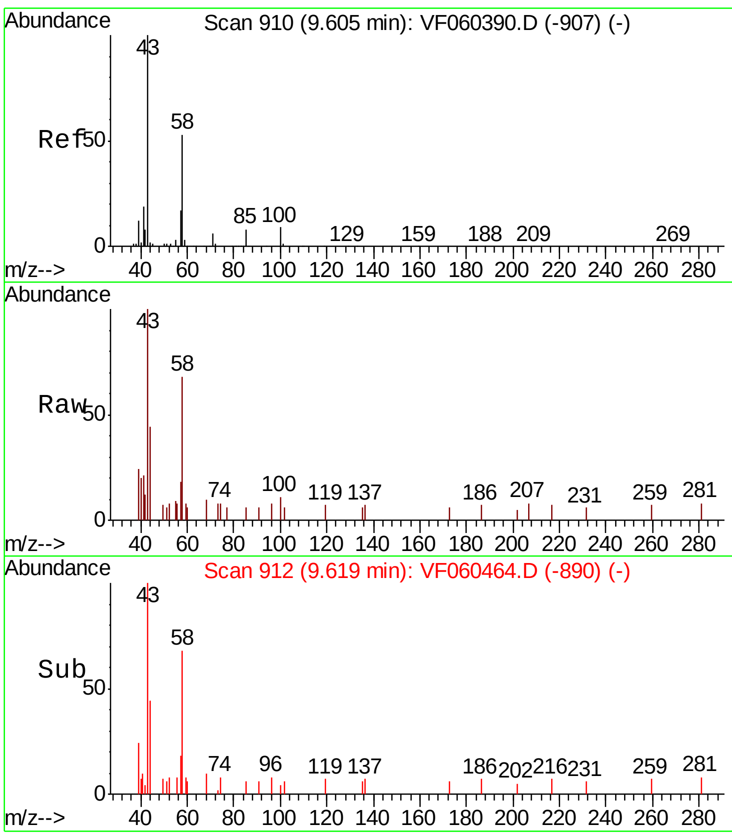
Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE



#58
2-Chloroethyl Vinyl ether
Concen: 1.548 ug/l
RT: 7.76 min   Scan# 723
Delta R.T.   0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018   19:37

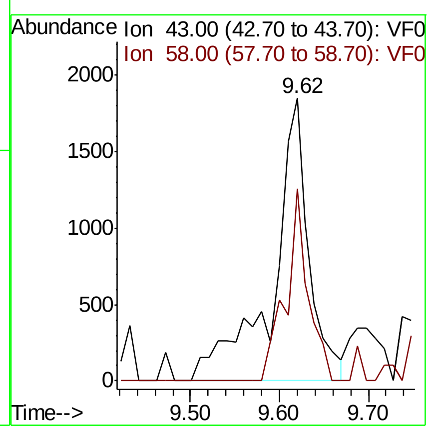
Tgt Ion: 63	Resp:		72
Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

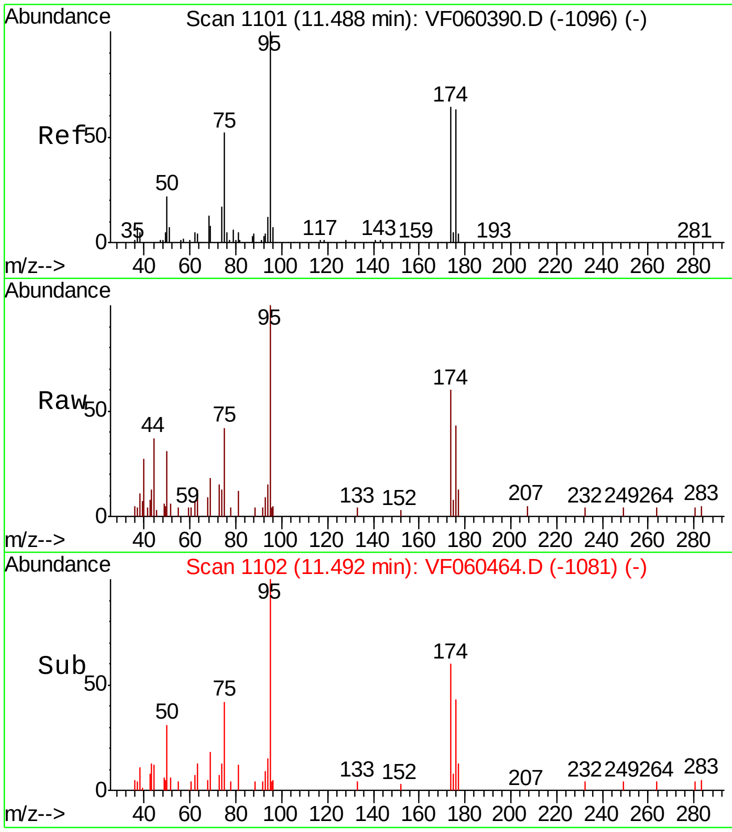




#59
2-Hexanone
Concen: 23.257 ug/l
RT: 9.62 min   Scan# 912
Delta R.T.   0.01 min
Lab File: VF060464.D
Acq: 5 Oct 2018   19:37

Tgt Ion: 43	Resp:		5268
Ion	Ratio	Lower	Upper
43	100		
58	67.9	25.6	76.6



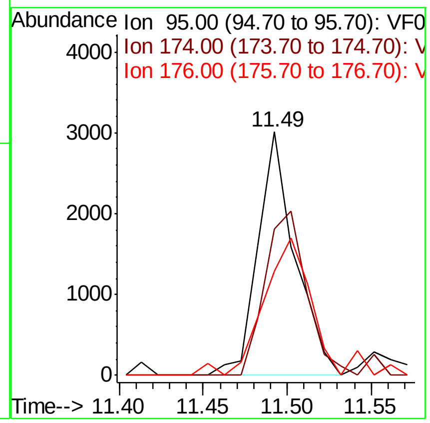


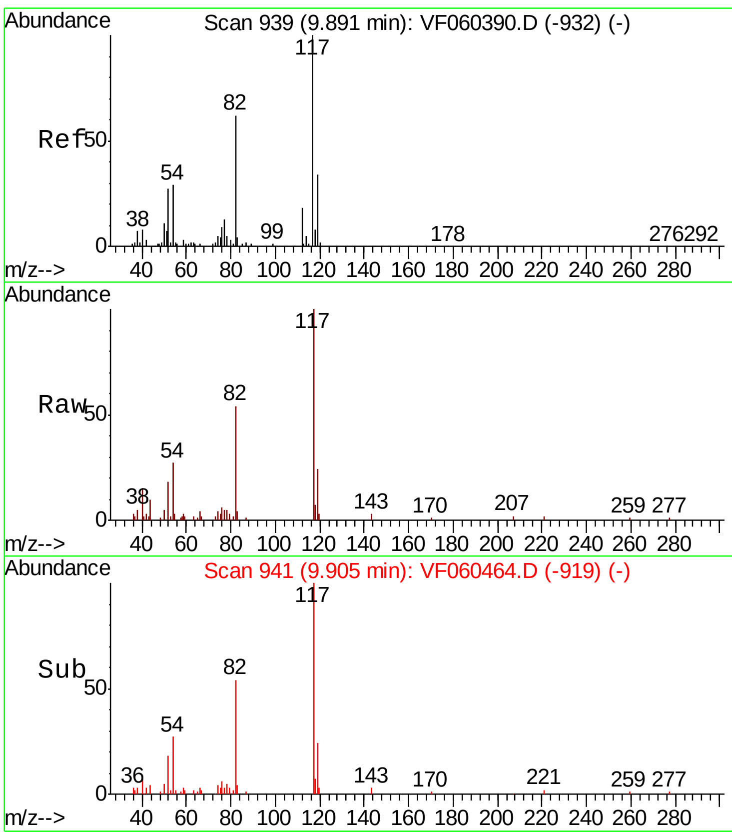
#62
4-Bromofluorobenzene
Concen: 5.735 ug/l
RT: 11.49 min   Scan# 1102
Delta R.T.   0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018   19:37

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

Tgt Ion: 95 Resp: 4607

Ion	Ratio	Lower	Upper
95	100		
174	57.5	0.0	129.0
176	40.8	0.0	125.6

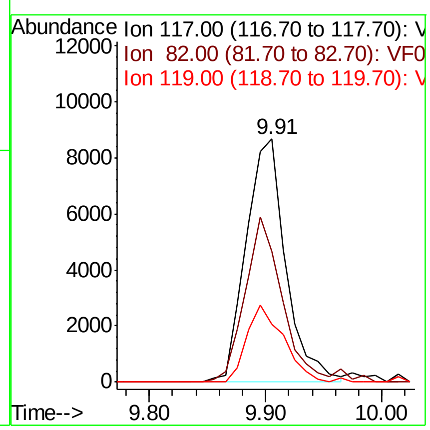


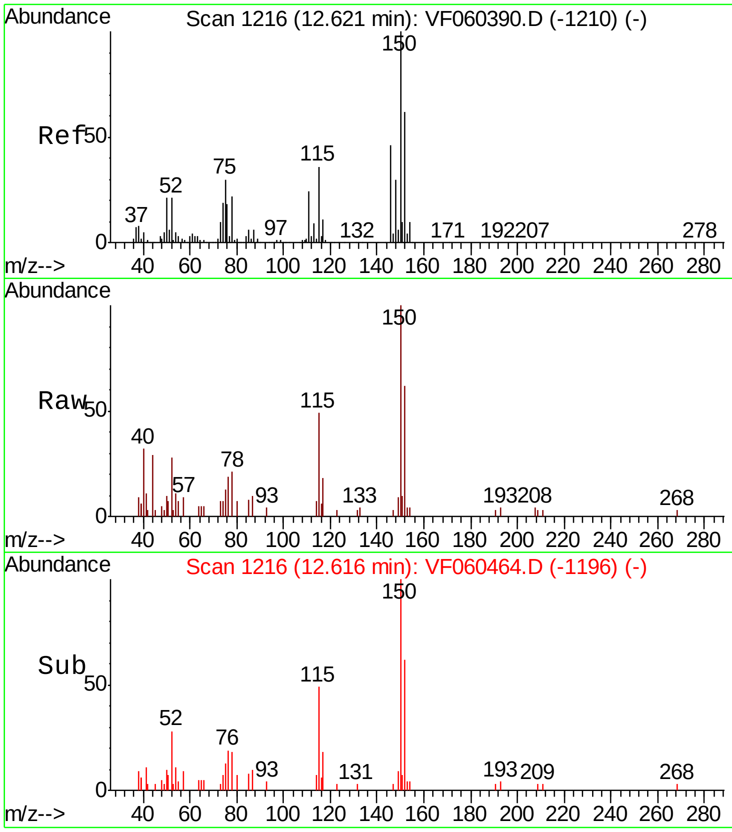


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min   Scan# 941
Delta R.T.   0.01 min
Lab File: VF060464.D
Acq: 5 Oct 2018   19:37

Tgt Ion:117 Resp: 20559

Ion	Ratio	Lower	Upper
117	100		
82	54.0	49.5	74.3
119	23.6	27.0	40.6#



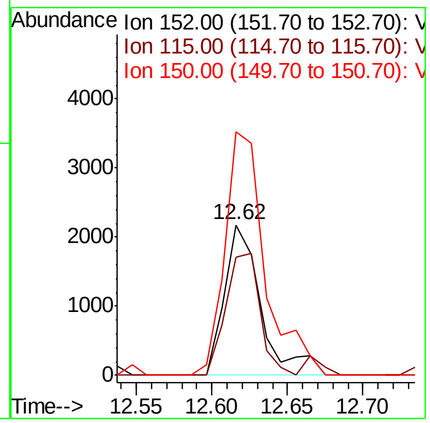


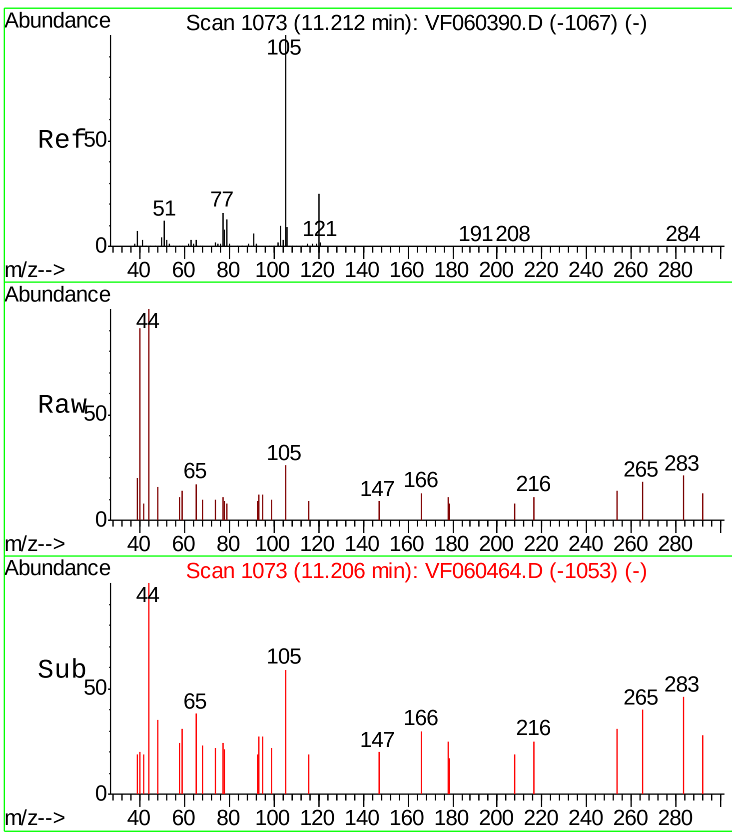
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

Tgt Ion:152 Resp: 3653

Ion	Ratio	Lower	Upper
152	100		
115	78.9	28.6	85.8
150	161.7	0.0	324.6

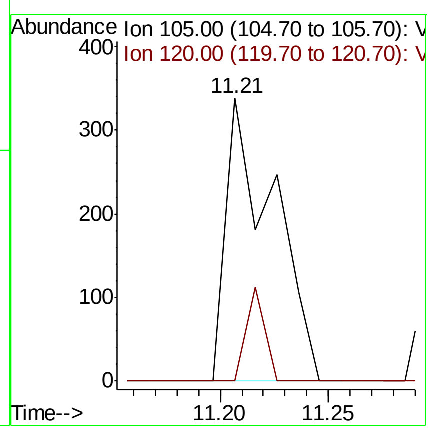


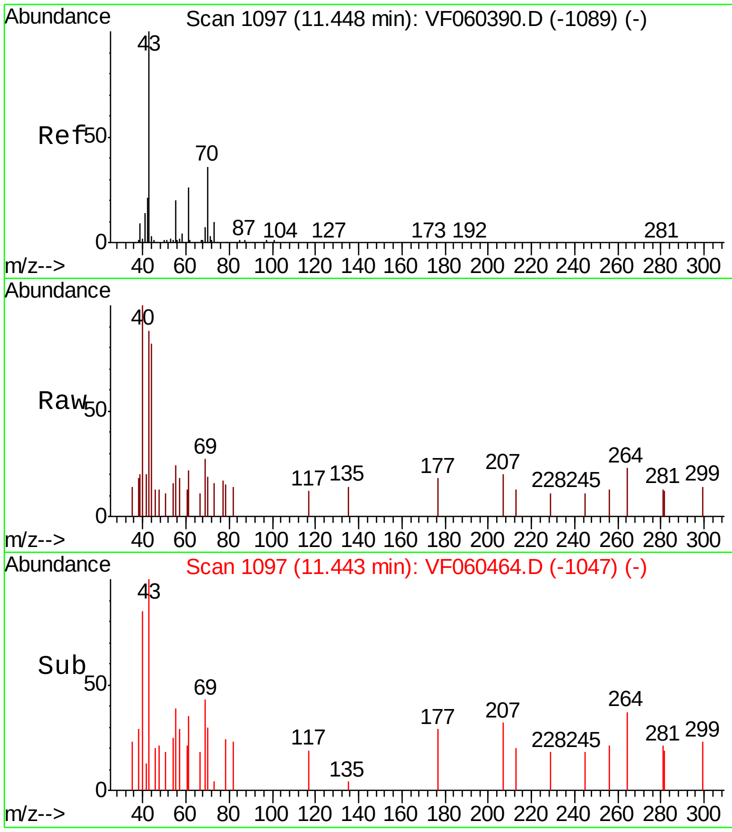


#73
Isopropylbenzene
Concen: 1.794 ug/l
RT: 11.21 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Tgt Ion:105 Resp: 516

Ion	Ratio	Lower	Upper
105	100		
120	0.0	12.3	36.9#



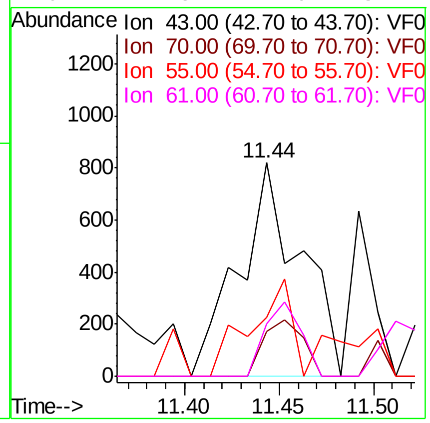


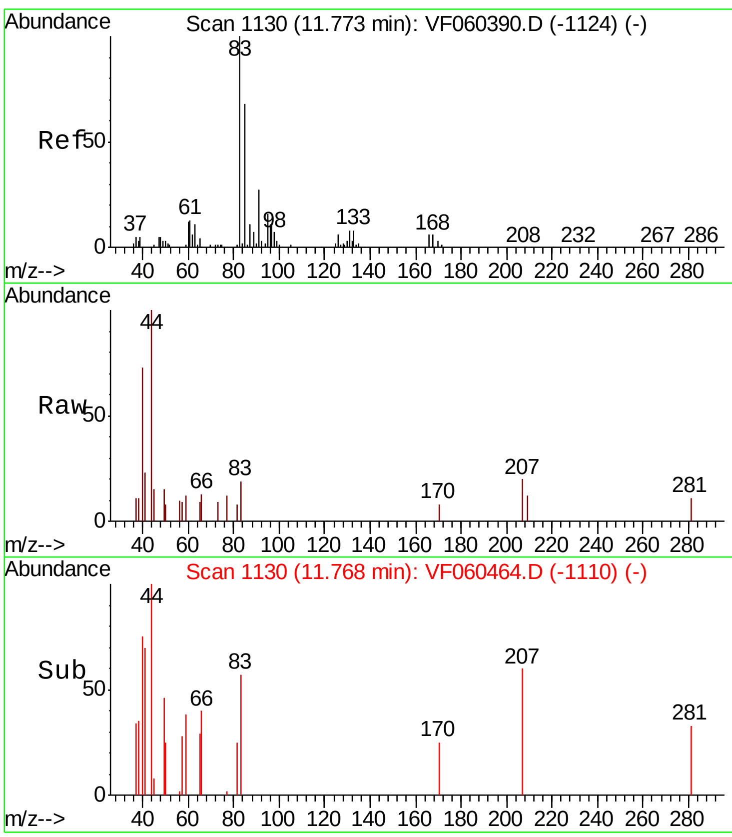
#74
N-amyl acetate
Concen: 28.086 ug/l
RT: 11.44 min Scan# 1097
Delta R.T. -0.01 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Instrument : MSVOA_F
ClientSampleId : STOCK-PILE-BRE

Tgt Ion: 43 Resp: 1854

Ion	Ratio	Lower	Upper
43	100		
70	21.2	29.1	43.7#
55	27.4	16.3	24.5#
61	24.8	21.0	31.4

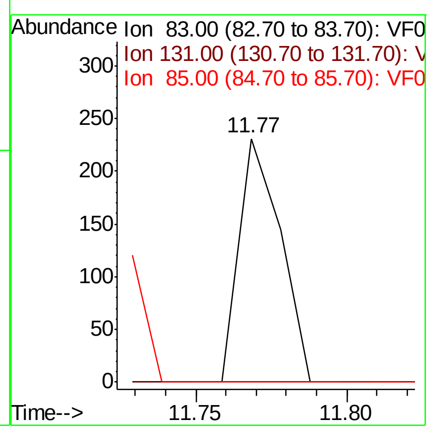


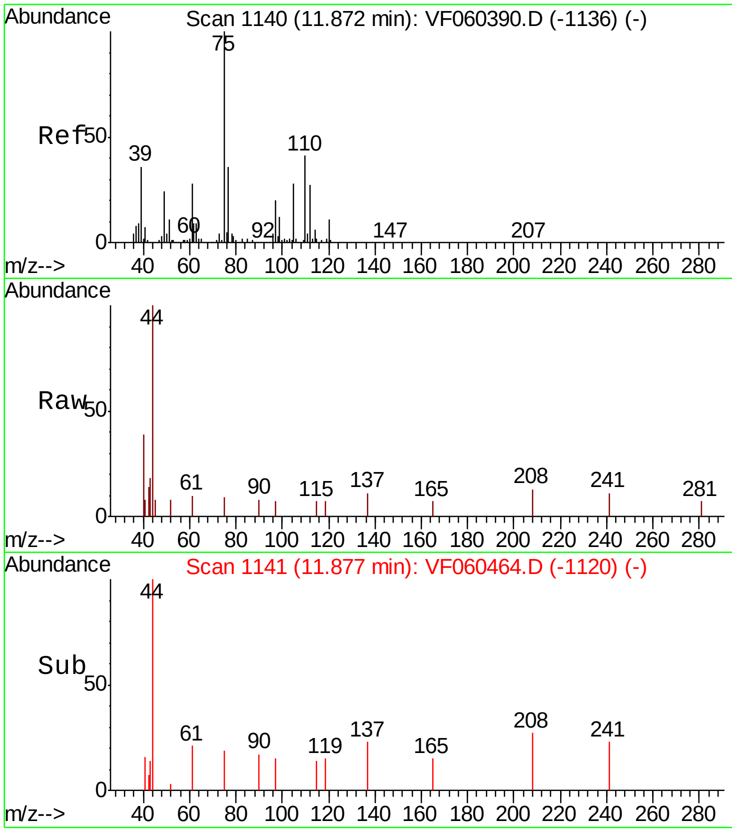


#75
1,1,2,2-Tetrachloroethane
Concen: 4.233 ug/l
RT: 11.77 min Scan# 1130
Delta R.T. -0.01 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Tgt Ion: 83 Resp: 222

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.0	12.0#
85	0.0	34.0	102.0#

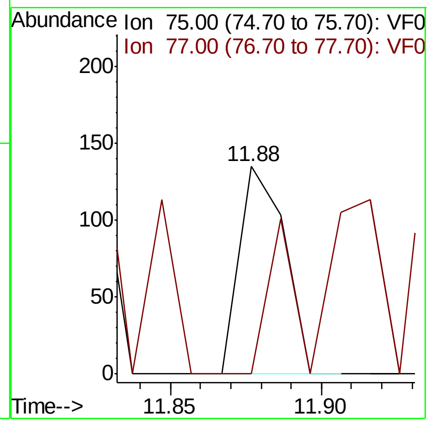


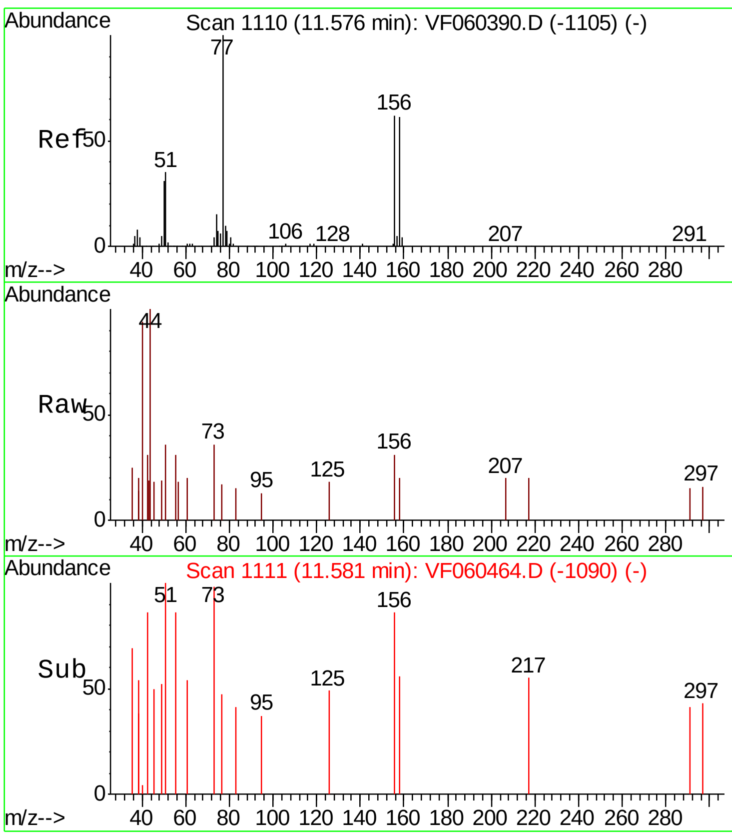


#76
1,2,3-Trichloropropane
Concen: 3.652 ug/l
RT: 11.88 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

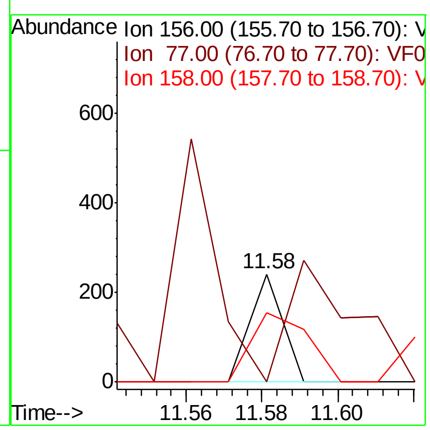
Ion	Ratio	Lower	Upper
Tgt Ion: 75	Resp: 141		
75	100		
77	0.0	18.1	54.4#





#77
Bromobenzene
Concen: 2.209 ug/l
RT: 11.58 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Ion	Ratio	Lower	Upper
Tgt Ion:156	Resp: 142		
156	100		
77	0.0	81.3	243.9#
158	64.7	49.6	149.0

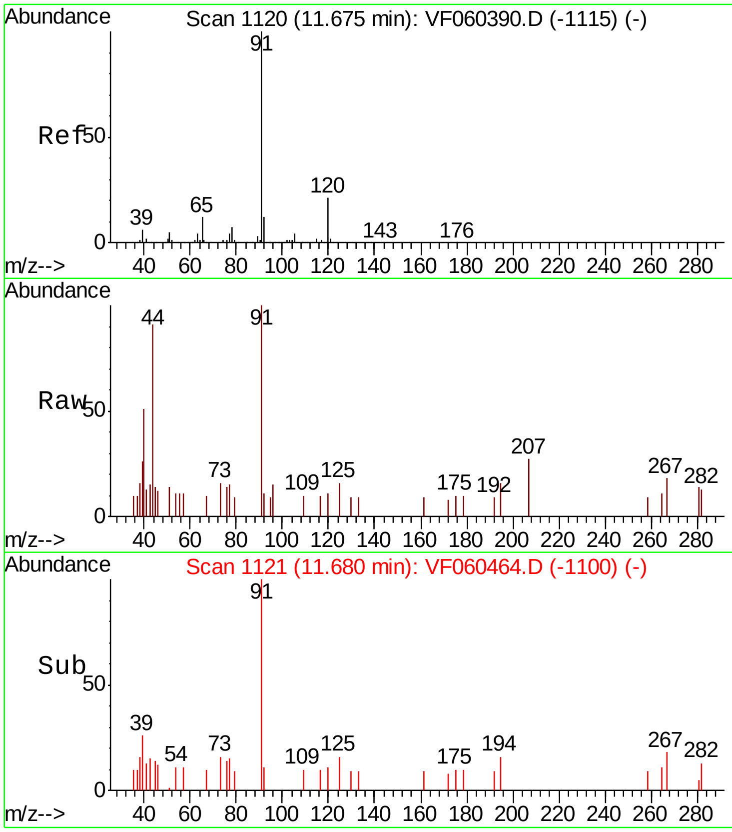


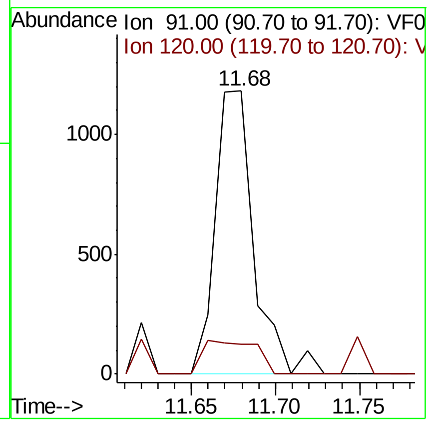
#78
n-propylbenzene
Concen: 5.432 ug/l
RT: 11.68 min   Scan# 1121
Delta R.T.   0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018   19:37

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

Tgt Ion: 91 Resp: 1894

Ion	Ratio	Lower	Upper
91	100		
120	10.7	10.5	31.6

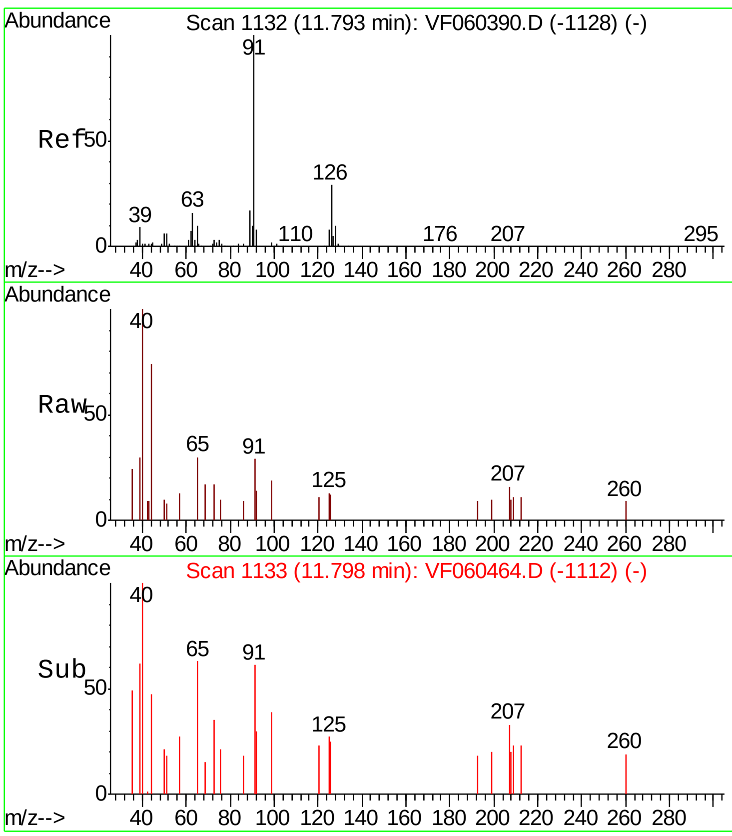


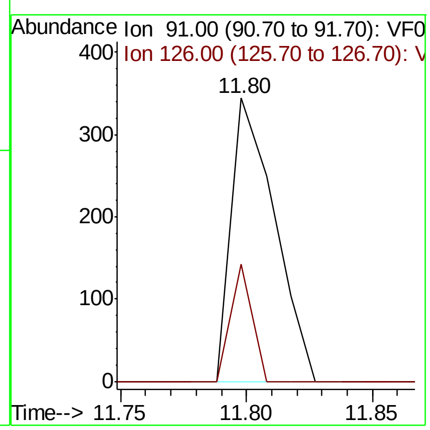


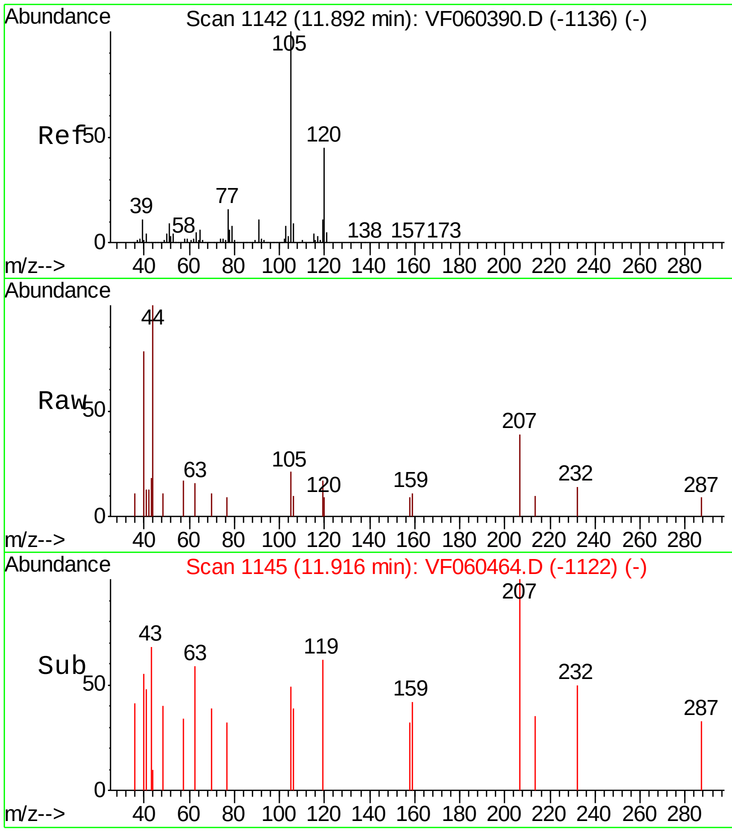
#79
2-Chlorotoluene
Concen: 2.020 ug/l
RT: 11.80 min   Scan# 1133
Delta R.T.   0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018   19:37

Tgt Ion: 91 Resp: 412

Ion	Ratio	Lower	Upper
91	100		
126	41.6	14.4	43.4



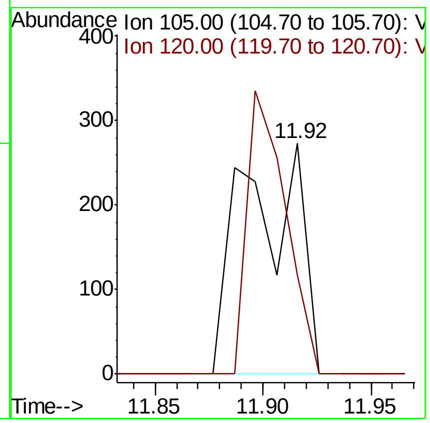


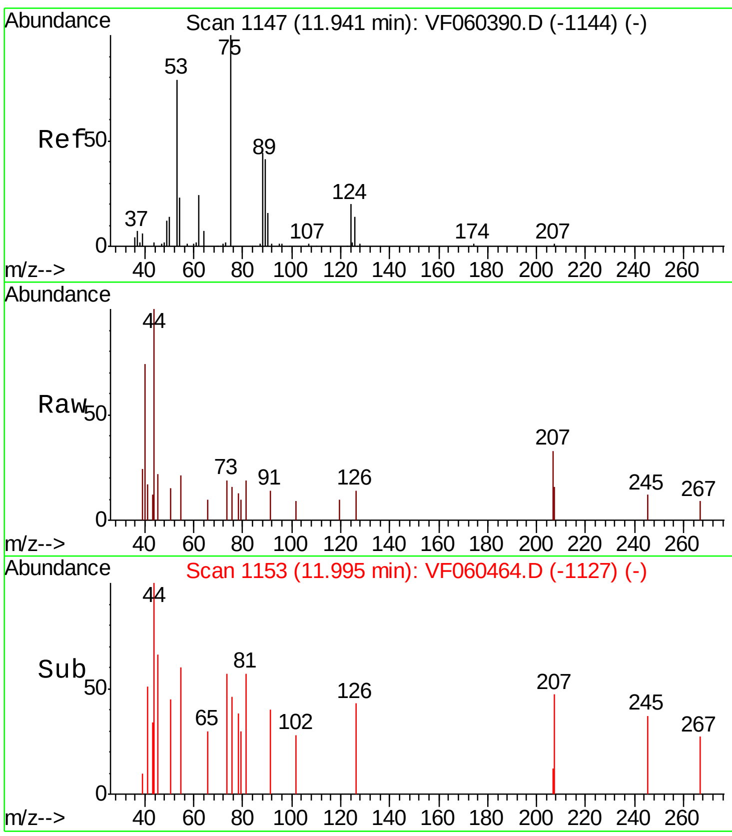


#80
1,3,5-Trimethylbenzene
Concen: 2.087 ug/l
RT: 11.92 min   Scan# 1145
Delta R.T.   0.02 min
Lab File: VF060464.D
Acq: 5 Oct 2018   19:37

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

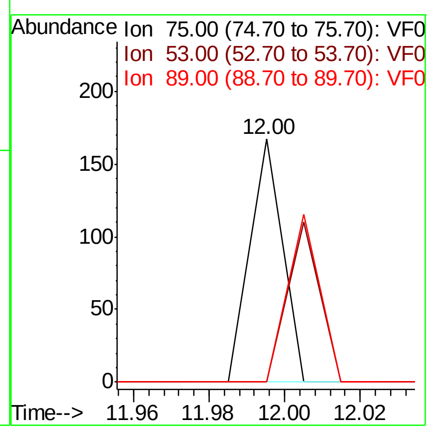
Tgt Ion:105	Resp:		510
Ion	Ratio	Lower	Upper
105	100		
120	42.9	22.3	66.9

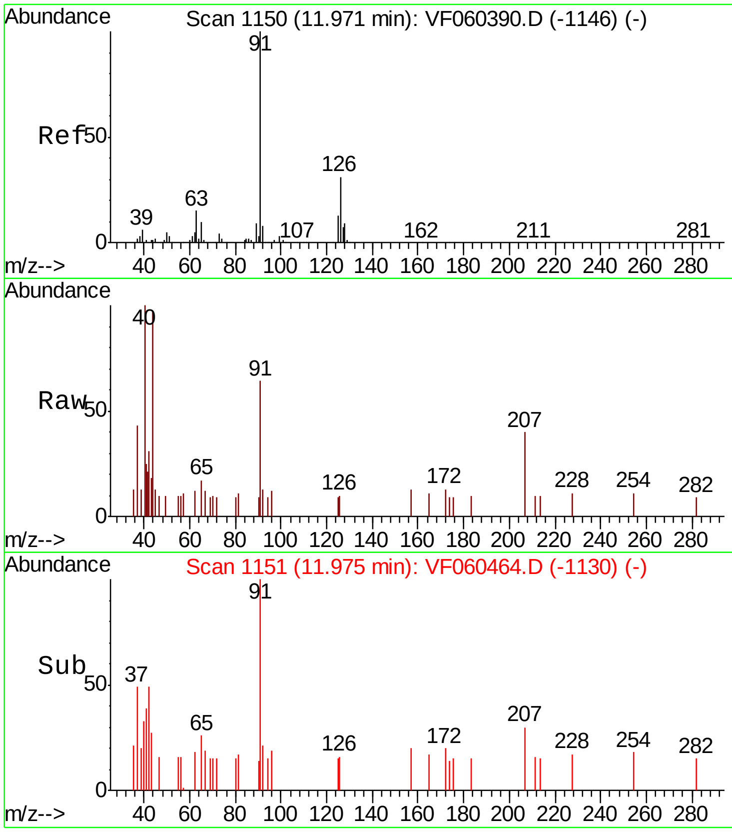




#81
trans-1,4-Dichloro-2-butene
Concen: 5.785 ug/l
RT: 12.00 min   Scan# 1153
Delta R.T.   0.05 min
Lab File: VF060464.D
Acq: 5 Oct 2018   19:37

Tgt Ion: 75	Resp:		99
Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.8	101.8#
89	0.0	36.7	55.1#

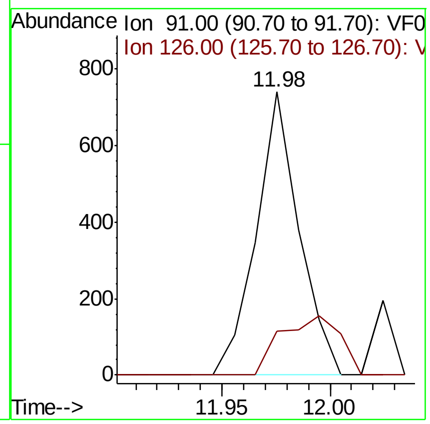


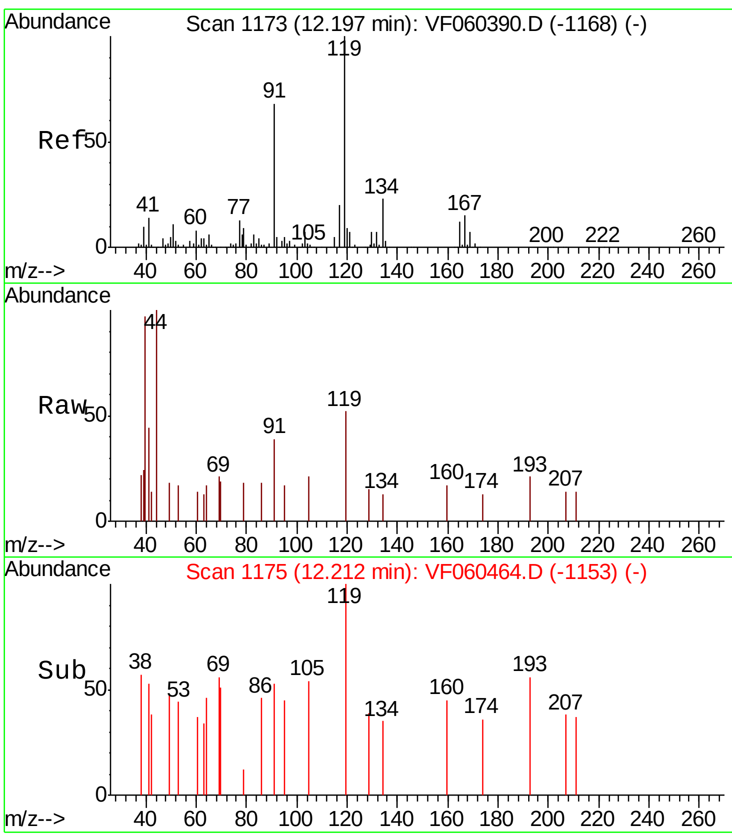



```
#82
4-Chlorotoluene
Concen:     4.864 ug/l
RT: 11.98 min   Scan# 1151
Delta R.T.    0.00 min
Lab File:    VF060464.D
Acq:  5 Oct 2018   19:37

Tgt Ion: 91 Resp:     1015
Ion  Ratio   Lower   Upper
 91  100
126    15.7    15.7    47.0
```

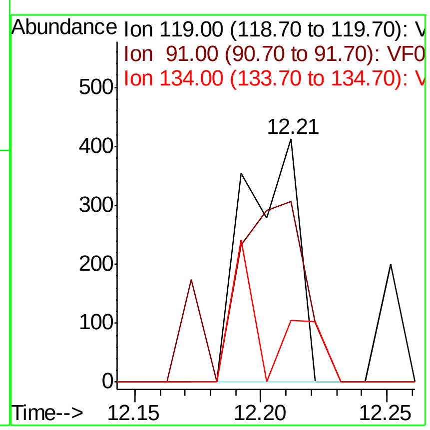
Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

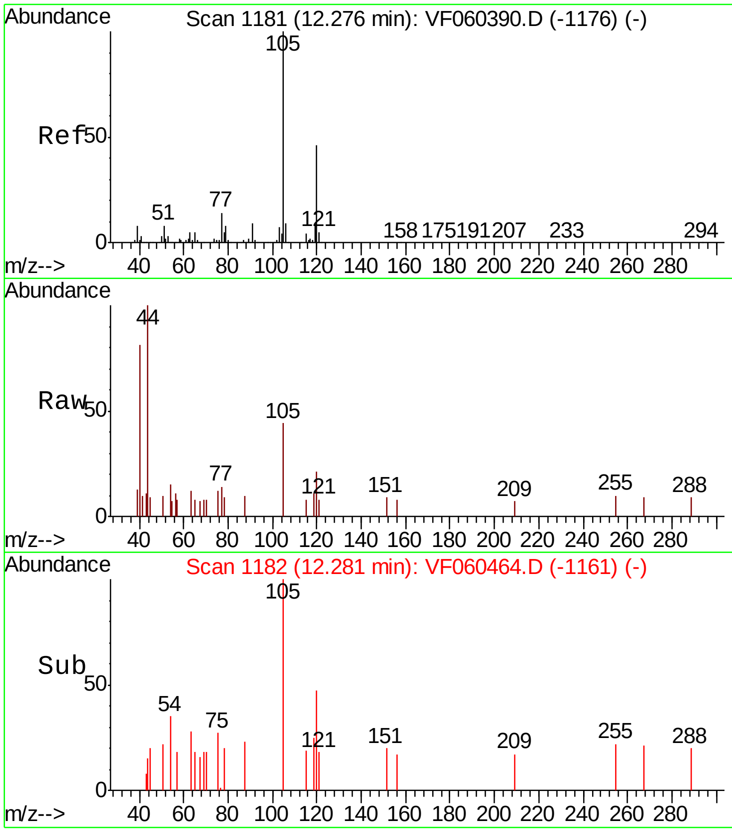





```
#83
tert-Butylbenzene
Concen:     2.564 ug/l
RT: 12.21 min   Scan# 1175
Delta R.T.    0.01 min
Lab File:    VF060464.D
Acq:  5 Oct 2018   19:37

Tgt Ion:119 Resp:      618
Ion  Ratio   Lower   Upper
119  100
 91    74.3    34.0   102.0
134    25.2    11.7    35.0
```



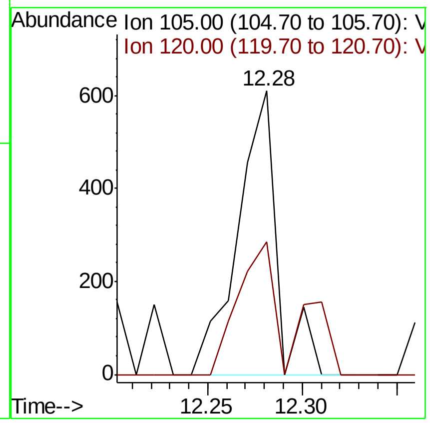


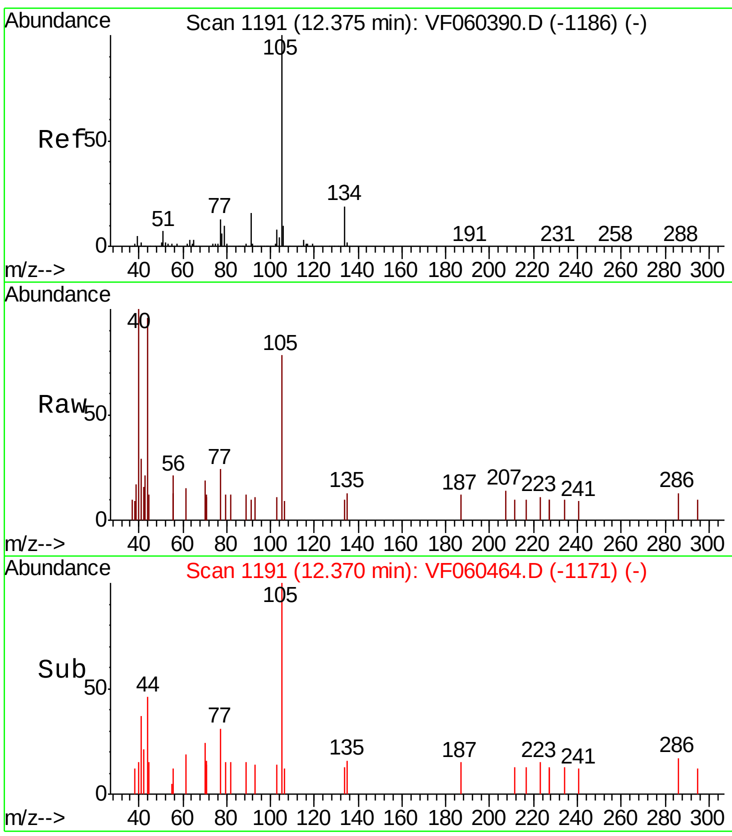
#84
1,2,4-Trimethylbenzene
Concen: 3.623 ug/l
RT: 12.28 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

Tgt Ion:105 Resp: 878

Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.1	69.2

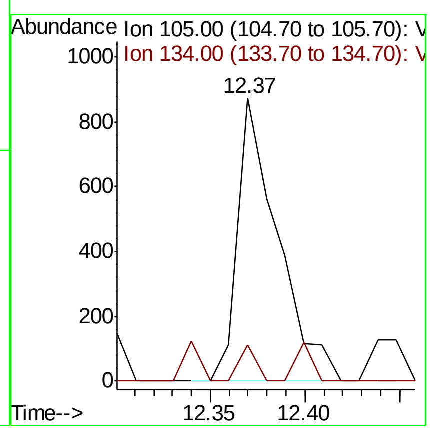


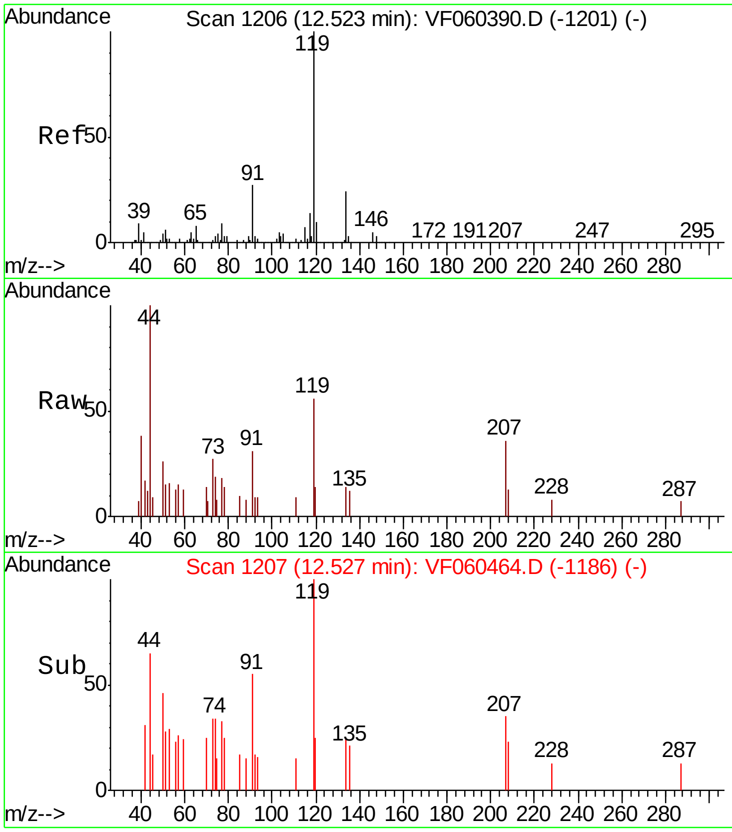


#85
sec-Butylbenzene
Concen: 3.850 ug/l
RT: 12.37 min Scan# 1191
Delta R.T. -0.01 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Tgt Ion:105 Resp: 1281

Ion	Ratio	Lower	Upper
105	100		
134	12.7	9.4	28.3



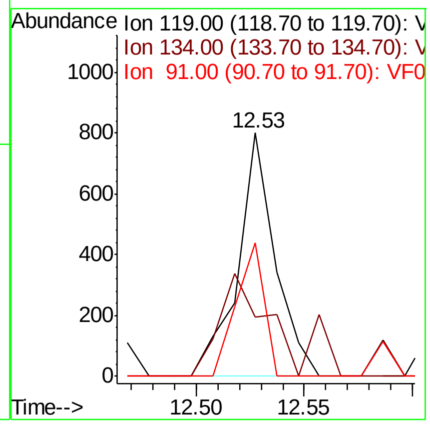


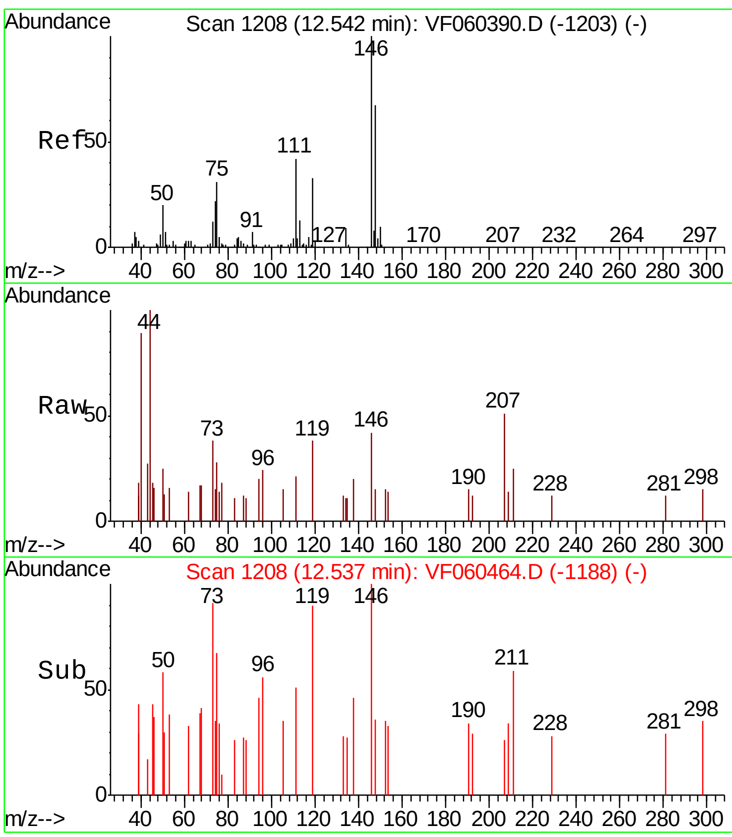
#86
p-Isopropyltoluene
Concen: 3.550 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. 0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

Tgt Ion:119 Resp: 965

Ion	Ratio	Lower	Upper
119	100		
134	24.2	12.3	36.8
91	54.9	13.5	40.4#

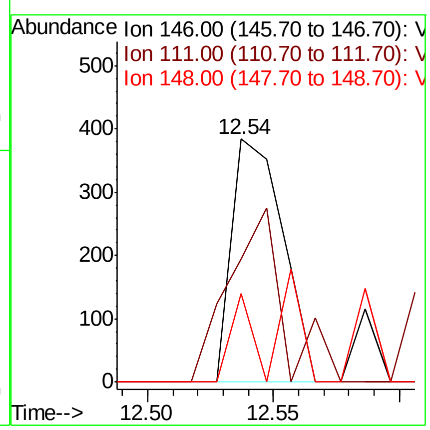


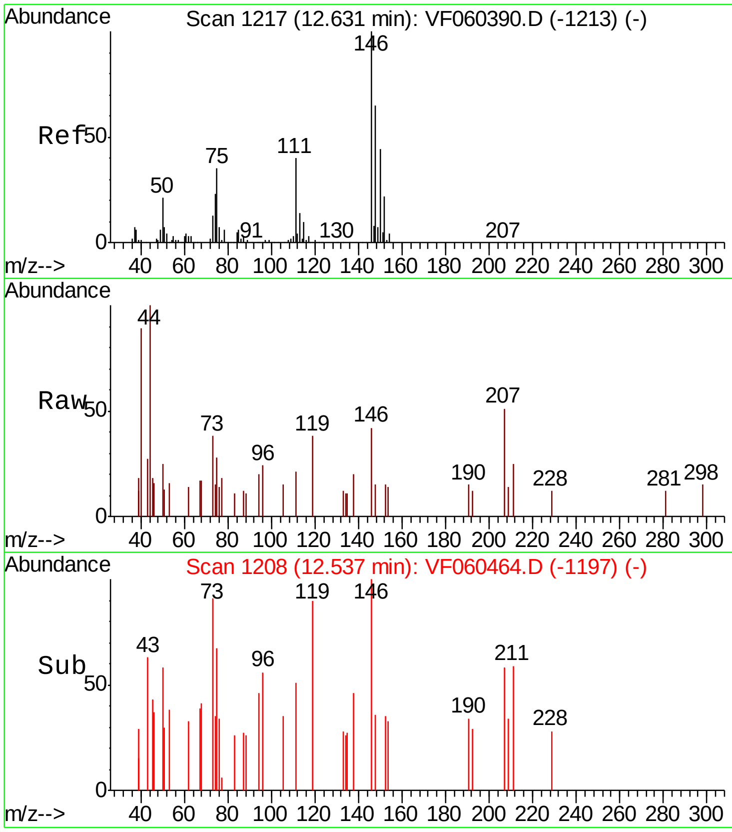


#87
1,3-Dichlorobenzene
Concen: 4.480 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Tgt Ion:146 Resp: 542

Ion	Ratio	Lower	Upper
146	100		
111	50.8	20.9	62.7
148	36.5	33.6	100.8



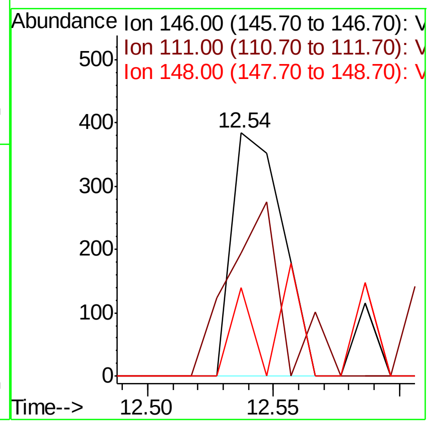


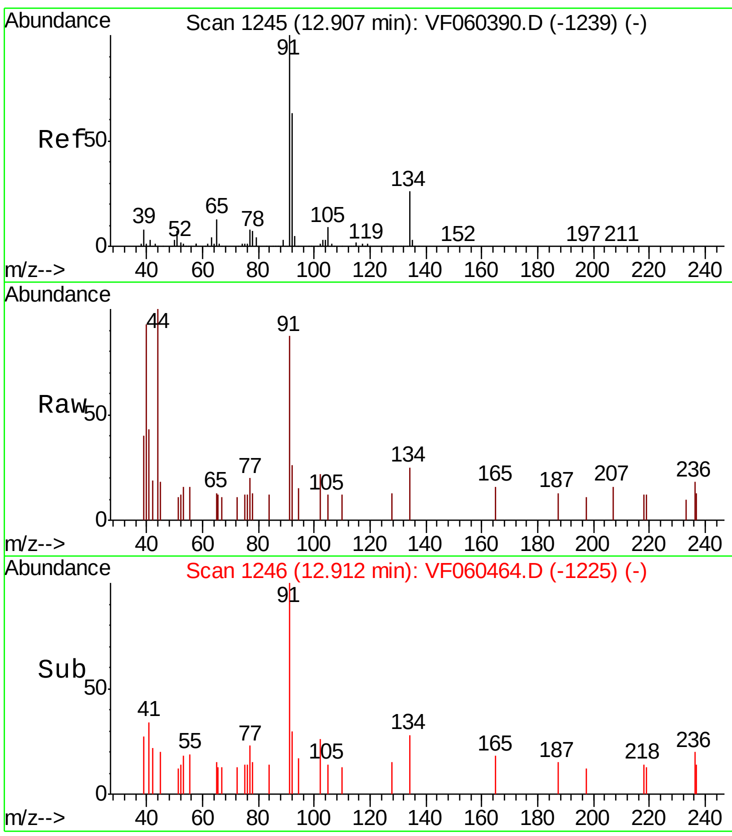
#88
1,4-Dichlorobenzene
Concen: 4.543 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.09 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

Tgt Ion:146 Resp: 542

Ion	Ratio	Lower	Upper
146	100		
111	50.8	20.2	60.6
148	36.5	32.6	97.8

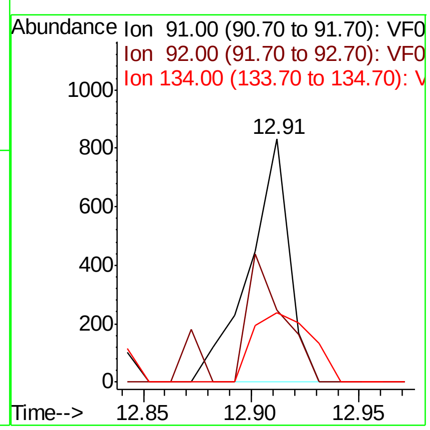


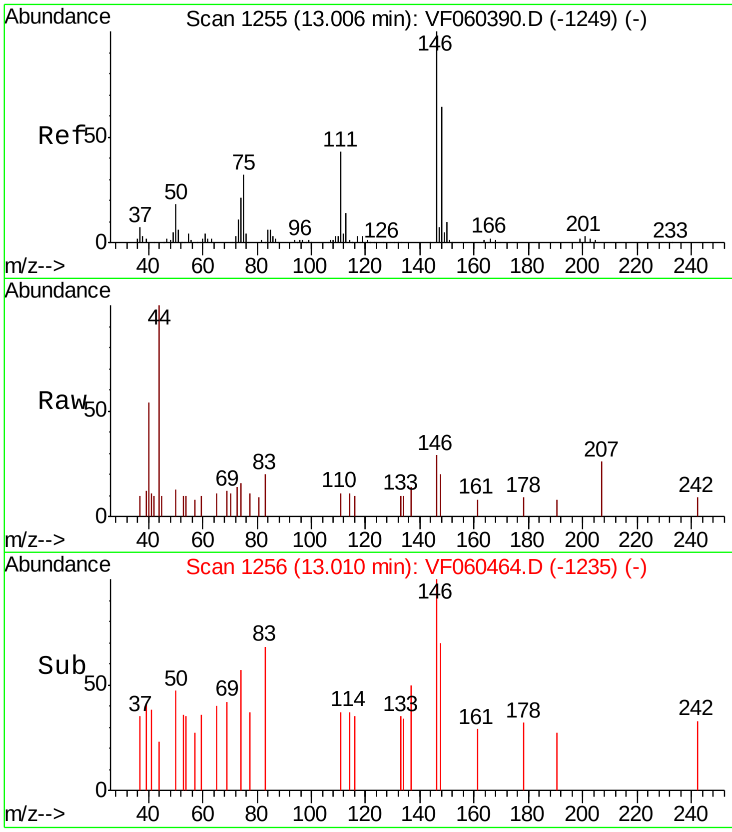


#89
n-Butylbenzene
Concen: 3.696 ug/l
RT: 12.91 min Scan# 1246
Delta R.T. 0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Tgt Ion: 91 Resp: 1063

Ion	Ratio	Lower	Upper
91	100		
92	29.7	31.3	93.9#
134	28.5	13.0	38.9



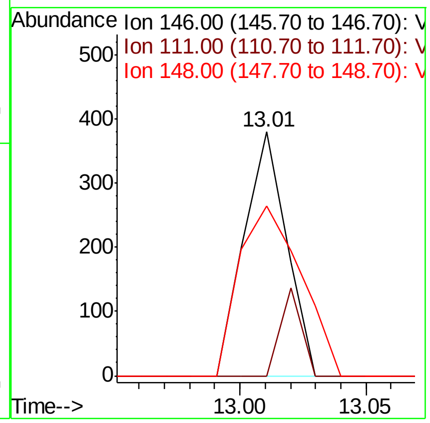


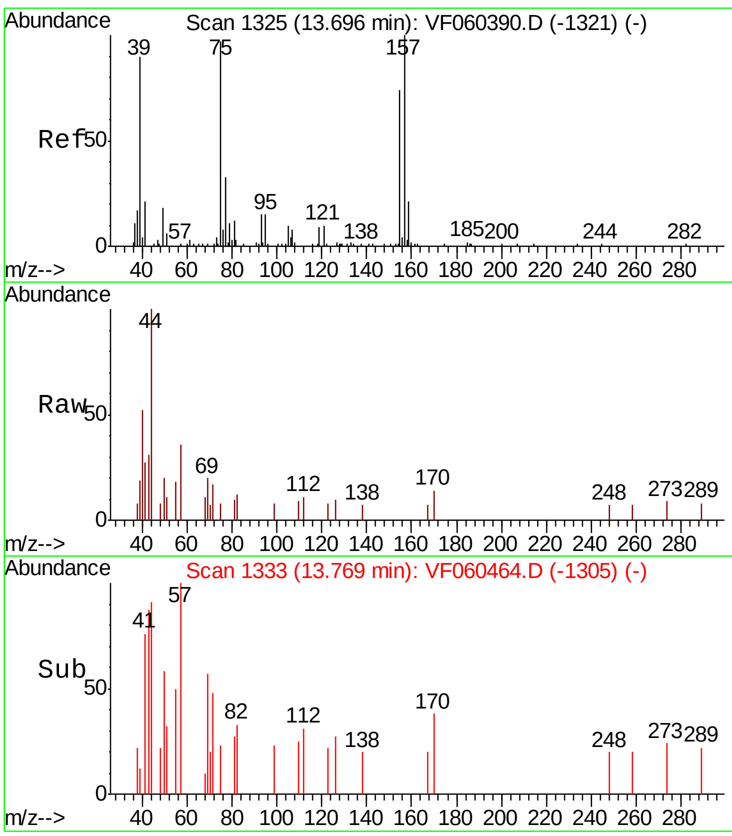
#91
1,2-Dichlorobenzene
Concen: 3.856 ug/l
RT: 13.01 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

Tgt Ion:146 Resp: 447

Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.3	64.0#
148	69.9	32.2	96.6

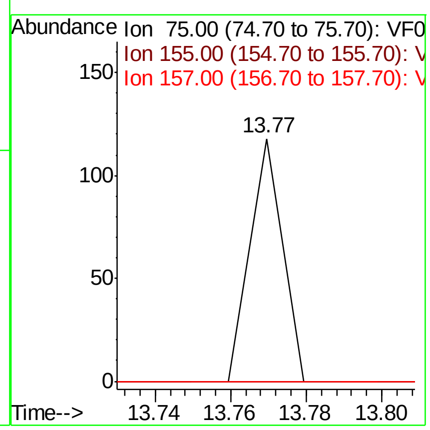


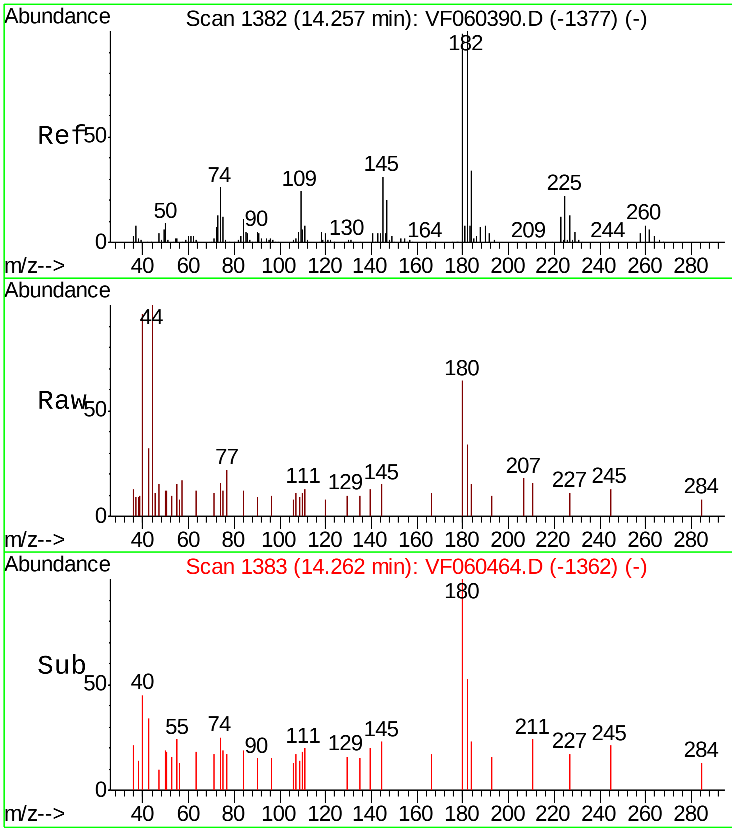


#92
1,2-Dibromo-3-Chloropropane
Concen: 6.886 ug/l
RT: 13.77 min Scan# 1333
Delta R.T. 0.07 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Tgt Ion: 75 Resp: 70

Ion	Ratio	Lower	Upper
75	100		
155	0.0	37.9	113.6#
157	0.0	51.3	154.0#



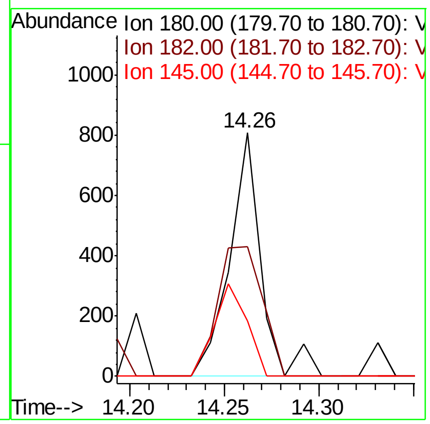


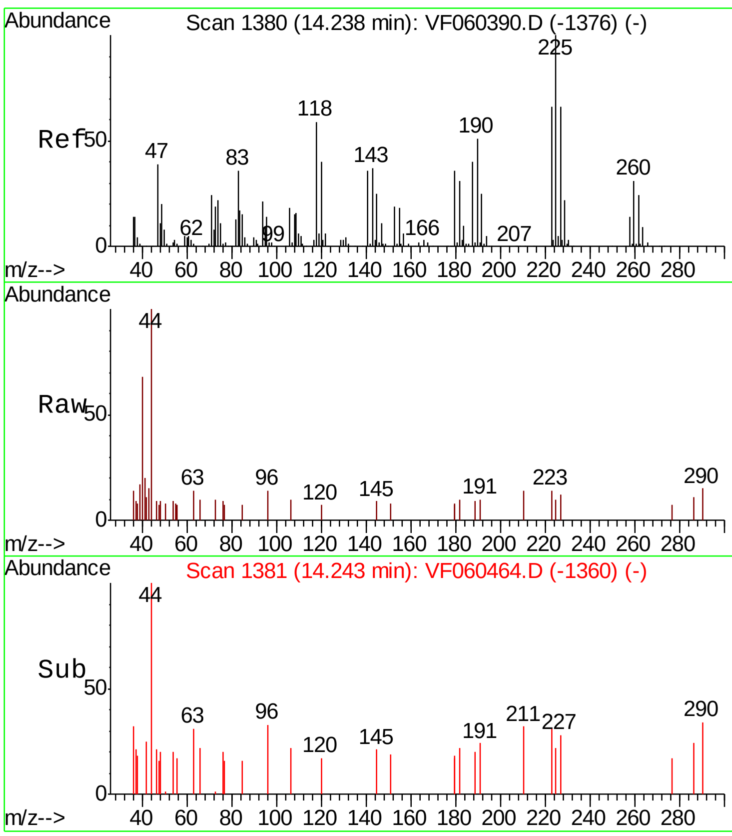
#93
1,2,4-Trichlorobenzene
Concen: 10.653 ug/l
RT: 14.26 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Instrument : MSVOA_F
ClientSampleId : STOCK-PILE-BRE

Tgt Ion:180 Resp: 923

Ion	Ratio	Lower	Upper
180	100		
182	53.0	50.3	150.9
145	22.7	15.5	46.5

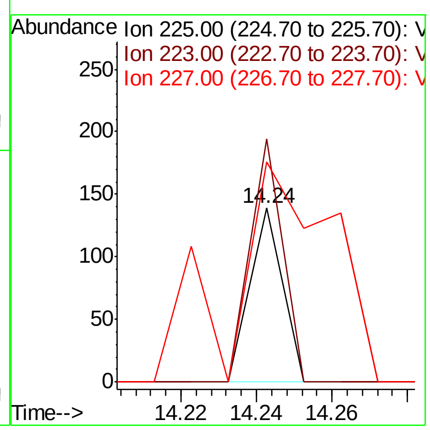


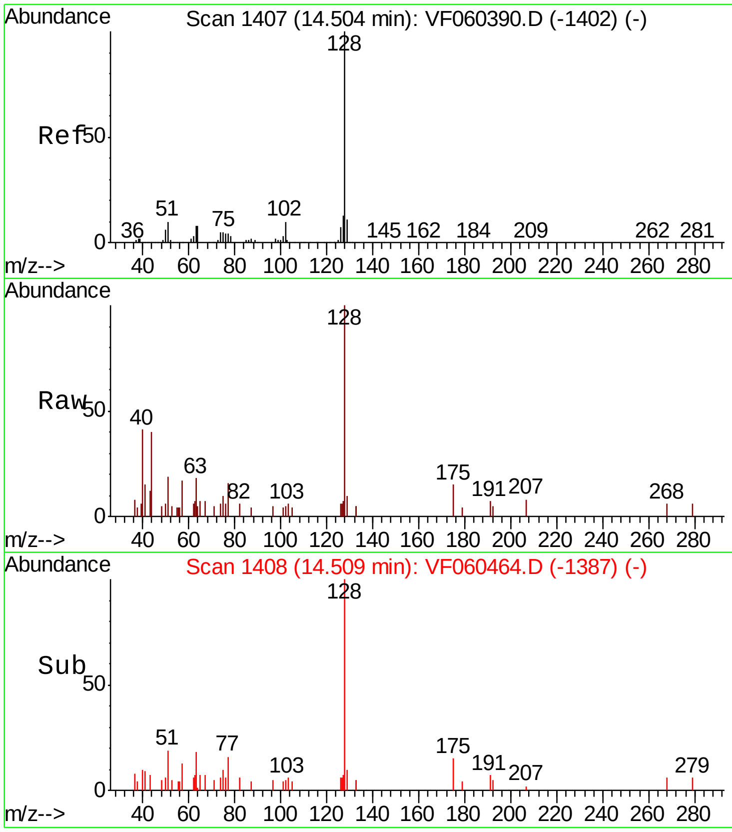


#94
Hexachlorobutadiene
Concen: 1.356 ug/l
RT: 14.24 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Tgt Ion:225 Resp: 82

Ion	Ratio	Lower	Upper
225	100		
223	139.6	32.8	98.4#
227	126.6	33.0	99.0#



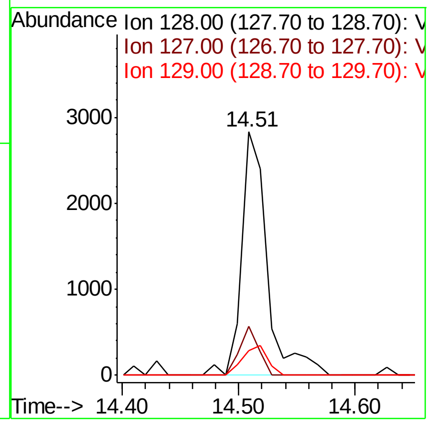


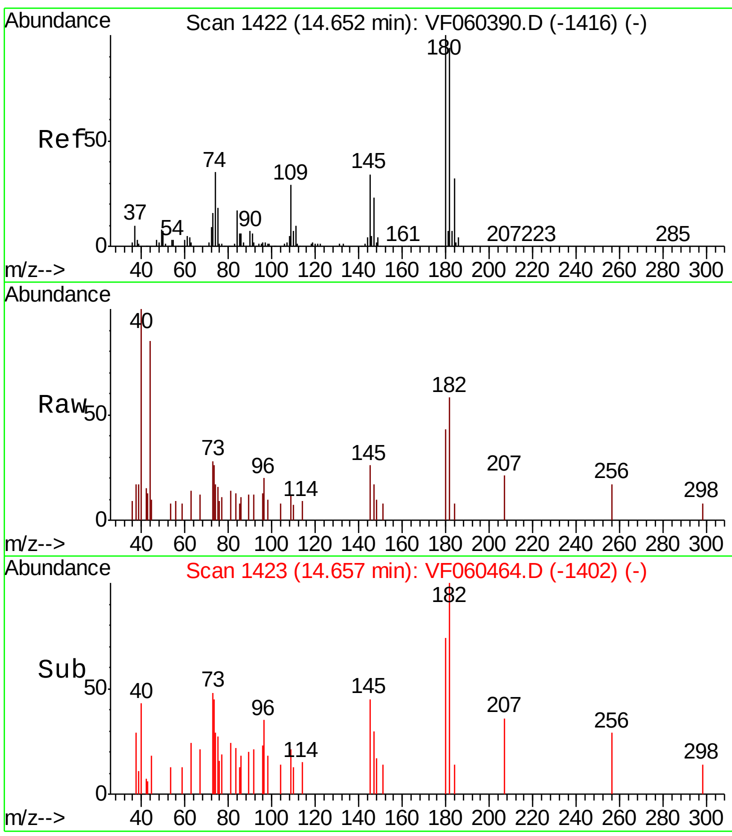
#95
Naphthalene
Concen: 27.847 ug/l
RT: 14.51 min Scan# 1408
Delta R.T. 0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Instrument :
MSVOA_F
ClientSampleId :
STOCK-PILE-BRE

Tgt Ion:128 Resp: 4314

Ion	Ratio	Lower	Upper
128	100		
127	20.3	10.0	15.0#
129	10.3	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 8.089 ug/l
RT: 14.66 min Scan# 1423
Delta R.T. 0.00 min
Lab File: VF060464.D
Acq: 5 Oct 2018 19:37

Tgt Ion:180 Resp: 657

Ion	Ratio	Lower	Upper
180	100		
182	134.2	46.8	140.3
145	60.6	16.9	50.6#