Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF090718\
Data File : VF060214.D
Acq On : 7 Sep 2018 16:58
Operator : VA/AP
Sample : J4693-22RE
Misc : 5.52g/5mL/MSVOA_F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EP1-MW-H(15-20)

Quant Time: Sep 07 23:25:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 07 10:44:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	205122	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.77	114	288745	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	302566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	187751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	131271	36.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 73.26%			
35) Dibromofluoromethane	4.31	113	101771	35.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.96%			
50) Toluene-d8	7.72	98	253565	35.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.84%			
62) 4-Bromofluorobenzene	11.51	95	142485	35.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.54%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.73	59	227	13.536	ug/l #	75
13) Acrolein	2.08	56	143	Below Cal	#	73
16) Acetone	2.50	43	1627	14.079	ug/l	97
18) Methyl Acetate	2.50	43	1751	1.446	ug/l #	64
20) Methylene Chloride	2.29	84	6534	Below Cal	#	82
23) Vinyl Acetate	3.32	43	472	22.981	ug/l #	82
25) 2-Butanone	4.53	43	1689	1.677	ug/l #	88
26) 2,2-Dichloropropane	3.85	77	114	2.056	ug/l #	64
30) Chloroform	4.04	83	7264	1.376	ug/l	91
37) Ethyl Acetate	4.30	43	100	Below Cal	#	17
39) Methylcyclohexane	5.77	83	4042	1.420	ug/l #	44
58) 2-Chloroethyl Vinyl ether	7.73	63	270	1.273	ug/l	100
59) 2-Hexanone	9.64	43	3107	1.197	ug/l	80
74) N-amyl acetate	11.47	43	1585	5.351	ug/l #	29
75) 1,1,2,2-Tetrachloroethane	11.78	83	2211	1.135	ug/l #	52
81) trans-1,4-Dichloro-2-buten	11.97	75	313	3.159	ug/l #	50
84) 1,2,4-Trimethylbenzene	12.29	105	53869	4.638	ug/l	99
95) Naphthalene	14.53	128	1846	2.856	ug/l #	91

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

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EP1-MW-H(15-20)

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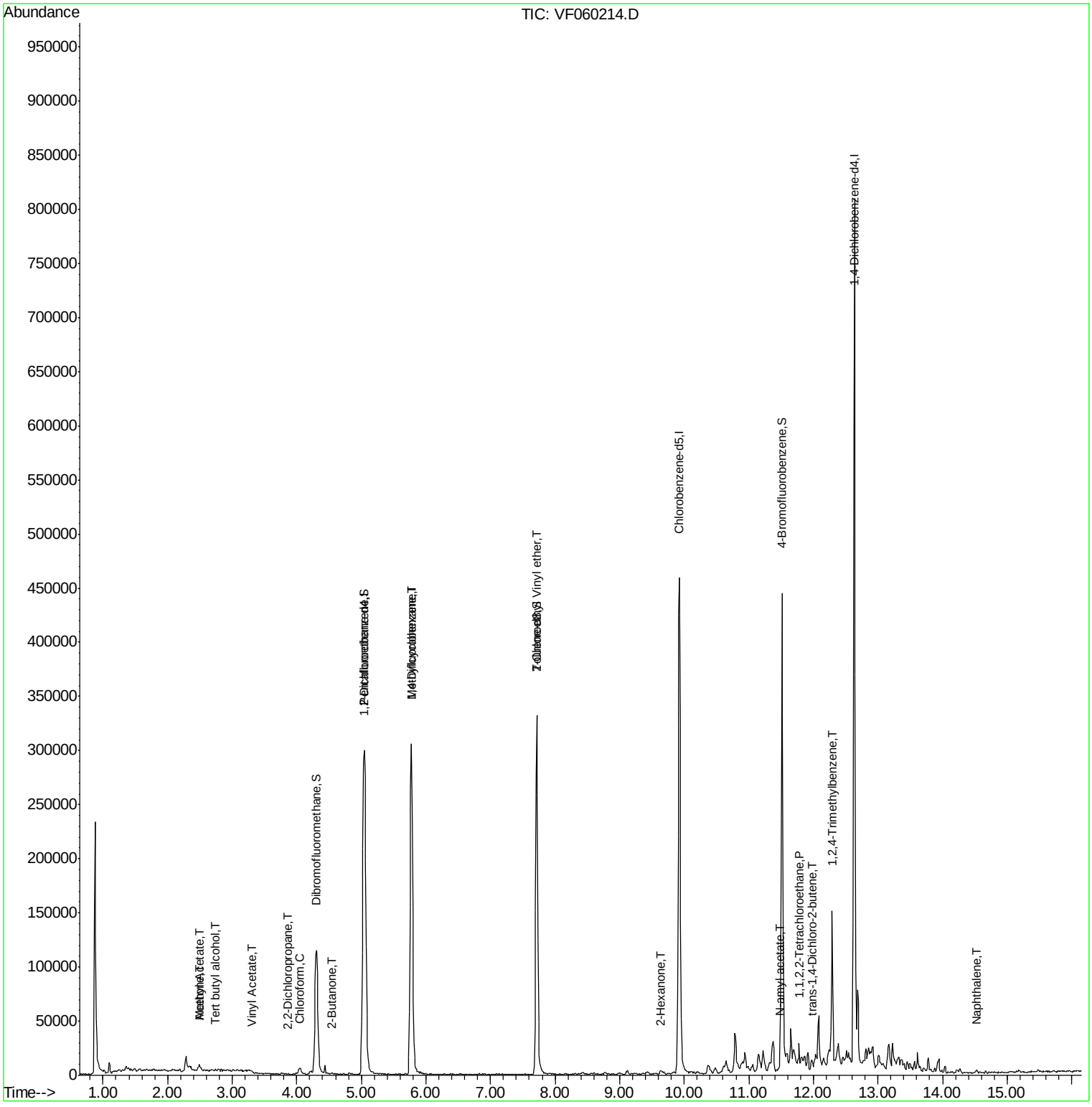
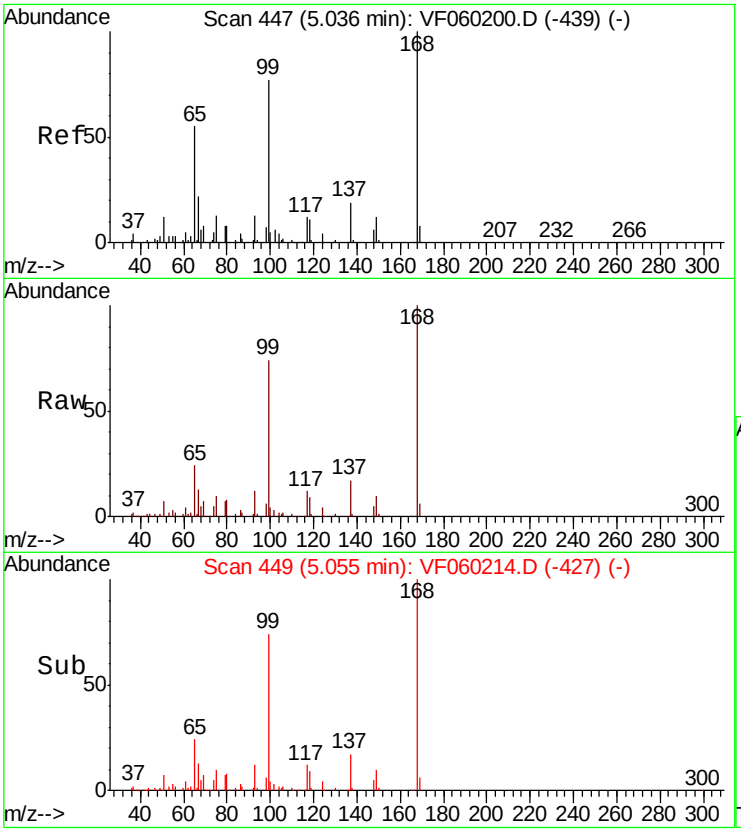


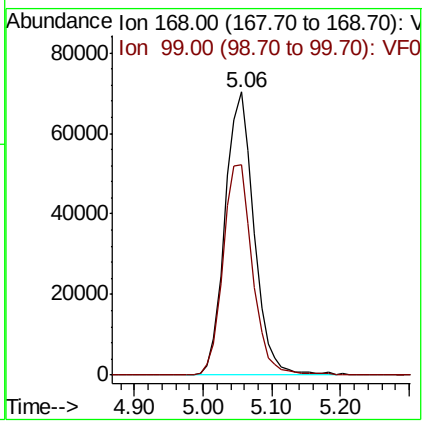


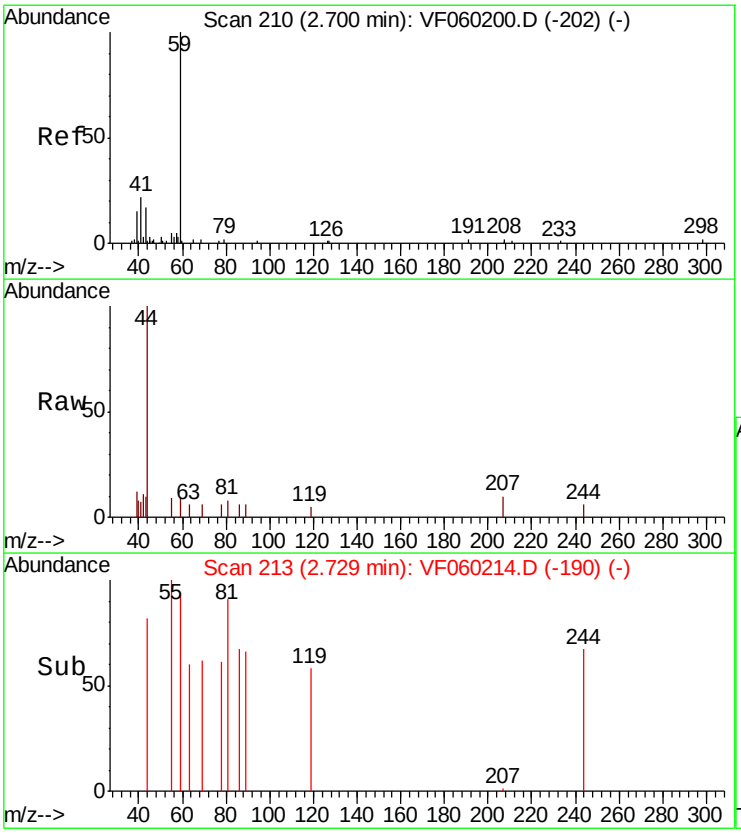
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 449
Delta R.T. 0.02 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-H(15-20)

Tgt Ion:168 Resp: 205122

Ion	Ratio	Lower	Upper
168	100		
99	74.1	61.8	92.6

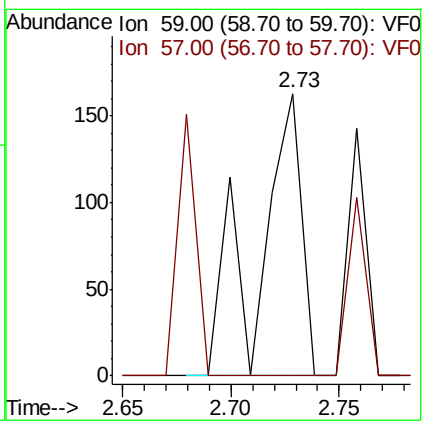


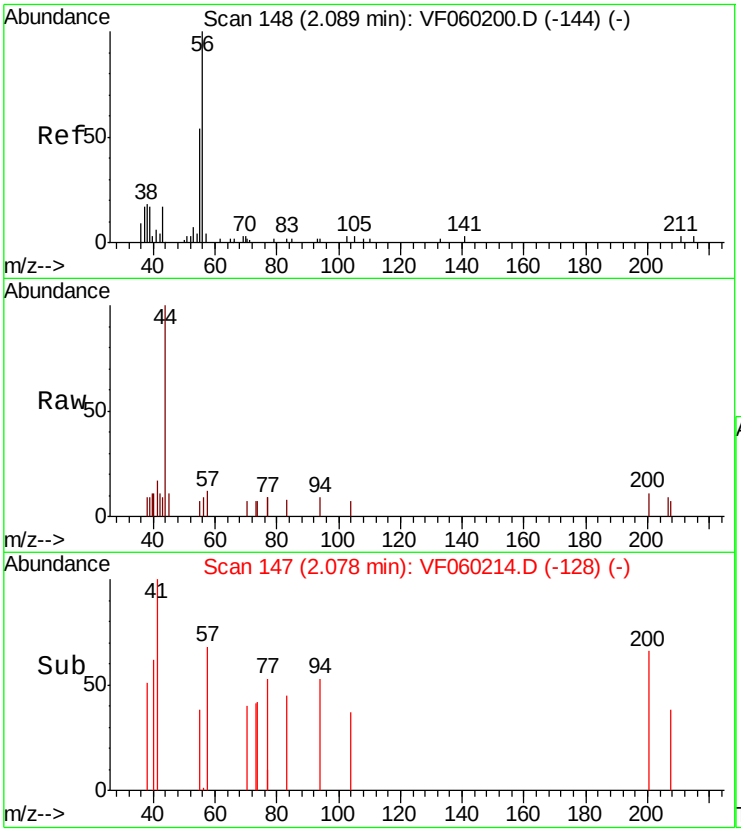


#11
Tert butyl alcohol
Concen: 13.536 ug/l
RT: 2.73 min Scan# 213
Delta R.T. 0.03 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Tgt Ion: 59 Resp: 227

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.2	10.8#



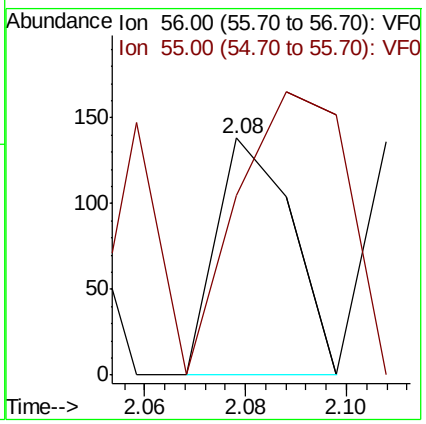


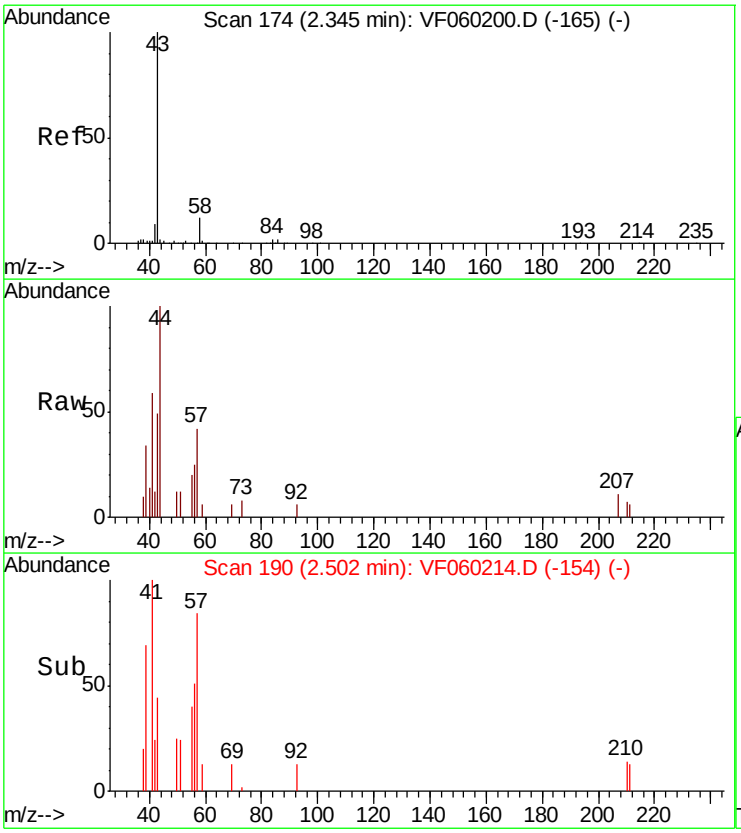
#13
Acrolein
Concen: Below Cal
RT: 2.08 min Scan# 147
Delta R.T. -0.01 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-H(15-20)

Tgt Ion: 56 Resp: 143

Ion	Ratio	Lower	Upper
56	100		
55	76.1	45.1	67.7#

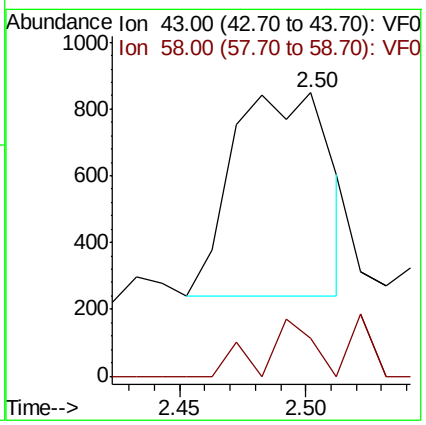


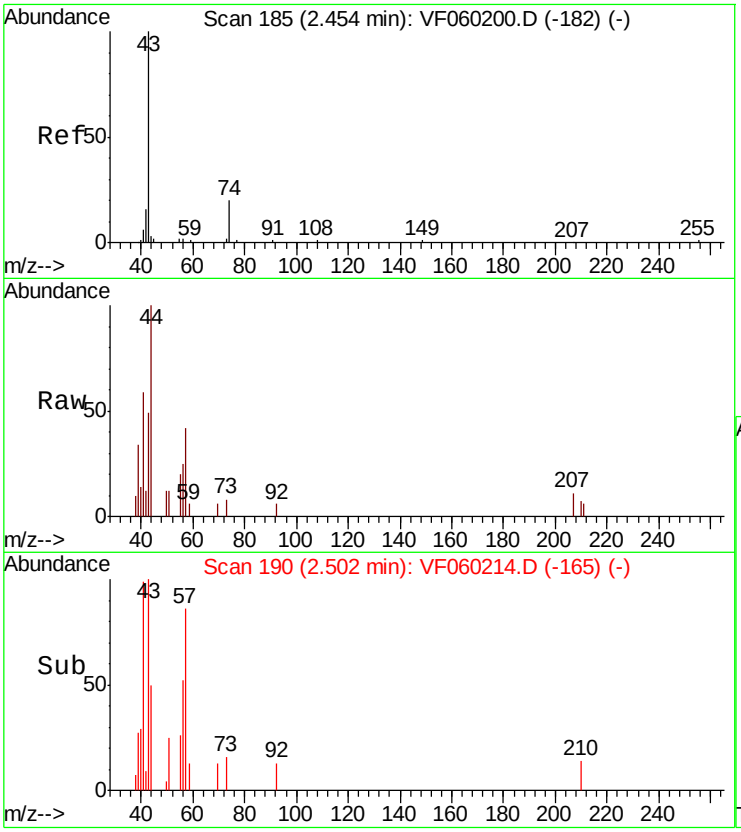


#16
Acetone
Concen: 14.079 ug/l
RT: 2.50 min Scan# 190
Delta R.T. 0.16 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Tgt Ion: 43 Resp: 1627

Ion	Ratio	Lower	Upper
43	100		
58	13.2	9.7	14.5



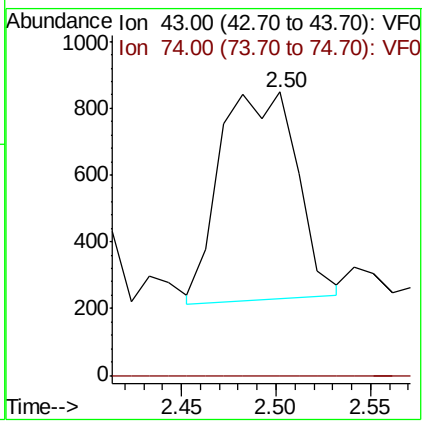


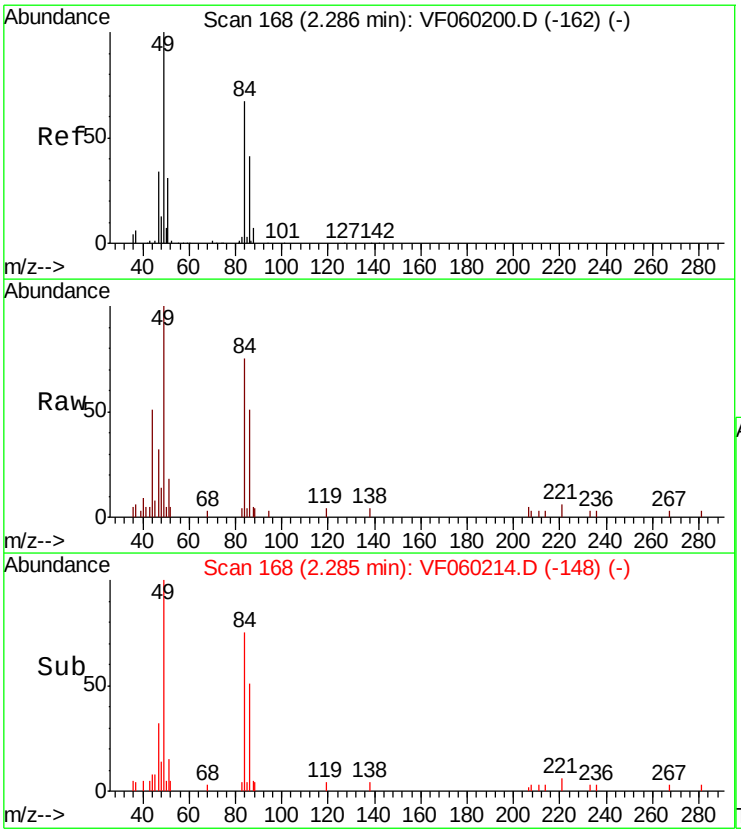
#18
Methyl Acetate
Concen: 1.446 ug/l
RT: 2.50 min Scan# 190
Delta R.T. 0.05 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-H(15-20)

Tgt Ion: 43 Resp: 1751

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.9	17.9#

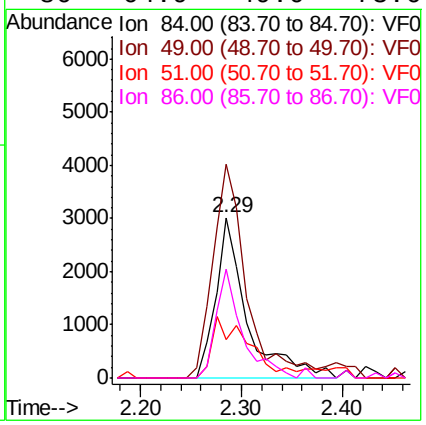


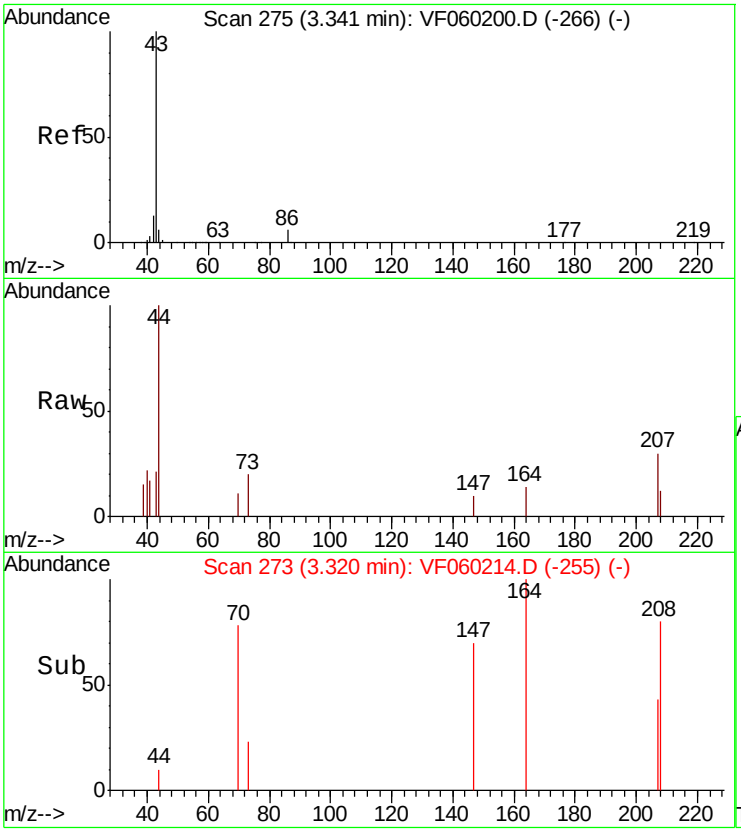


#20
Methylene Chloride
Concen: Below Cal
RT: 2.29 min Scan# 168
Delta R.T. -0.00 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Tgt Ion: 84 Resp: 6534

Ion	Ratio	Lower	Upper
84	100		
49	126.9	120.1	180.1
51	23.1	37.0	55.6#
86	64.9	49.0	73.6



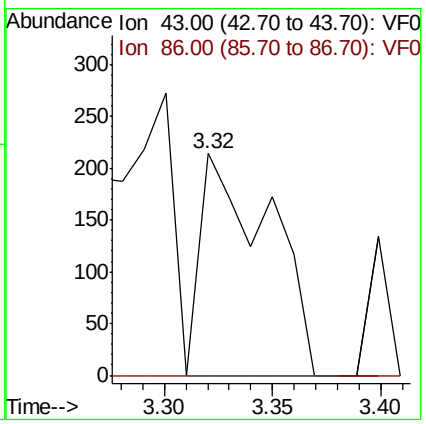


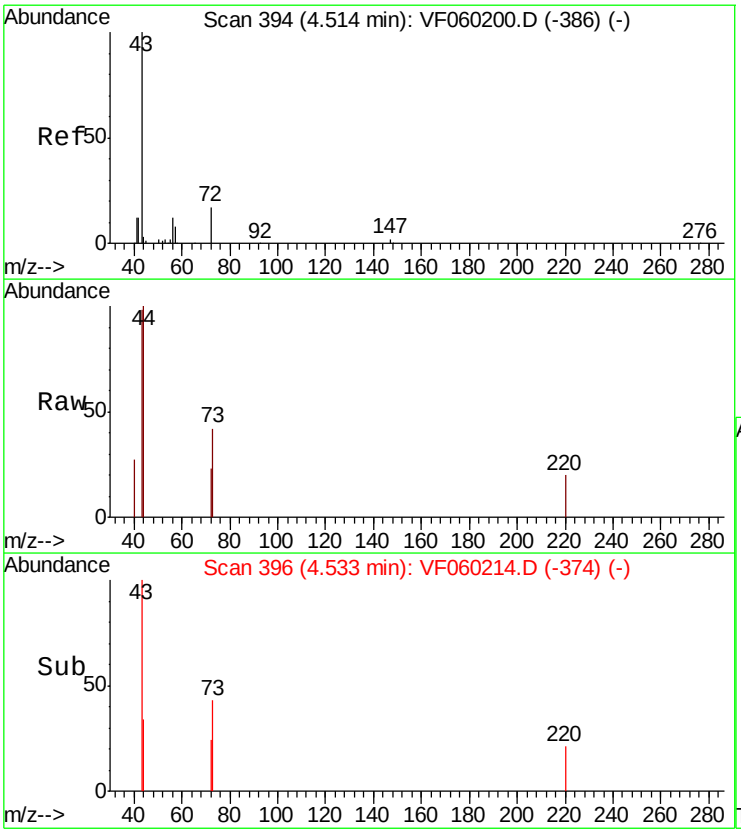
#23
Vinyl Acetate
Concen: 22.981 ug/l
RT: 3.32 min Scan# 273
Delta R.T. -0.02 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Instrument : MSVOA_F
ClientSampleId : EP1-MW-H(15-20)

Tgt Ion: 43 Resp: 472

Ion	Ratio	Lower	Upper
43	100		
86	0.0	4.8	7.2#

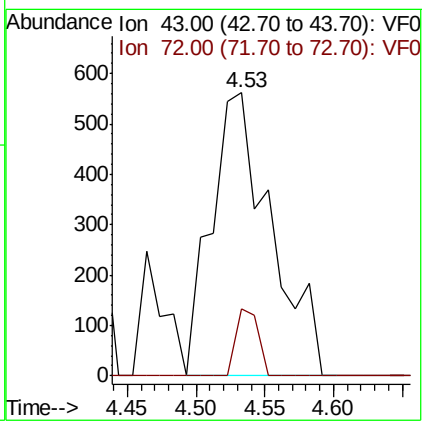


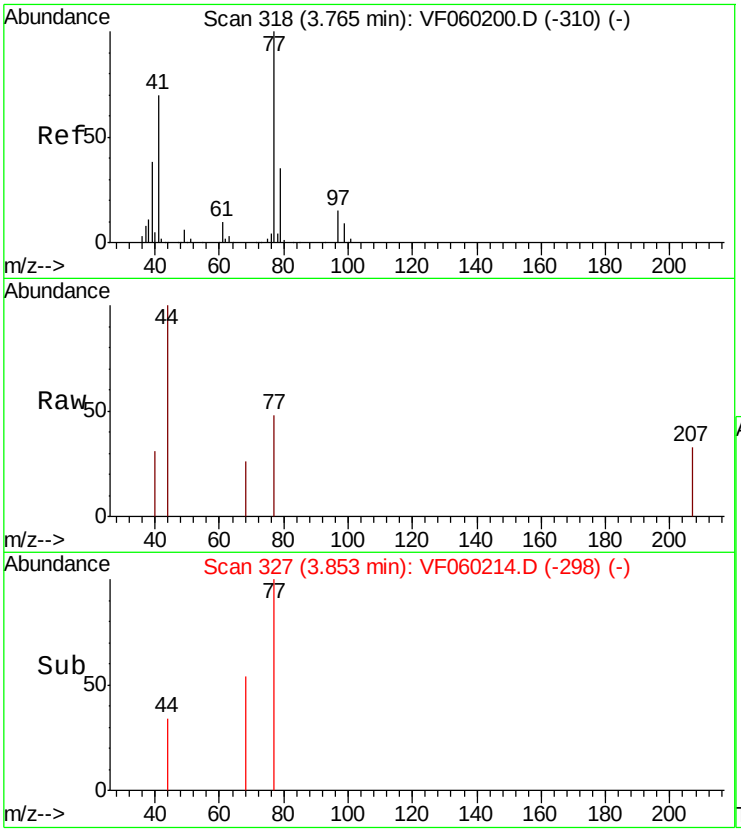


#25
2-Butanone
Concen: 1.677 ug/l
RT: 4.53 min Scan# 396
Delta R.T. 0.02 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Tgt Ion: 43 Resp: 1689

Ion	Ratio	Lower	Upper
43	100		
72	23.8	14.8	22.2#



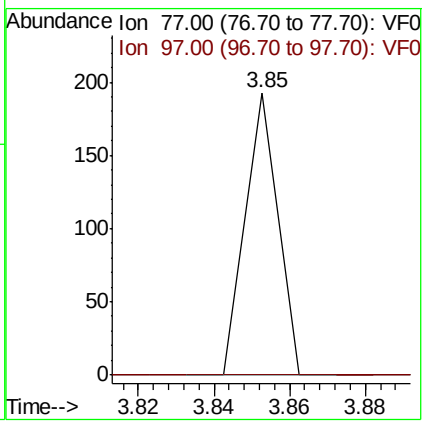


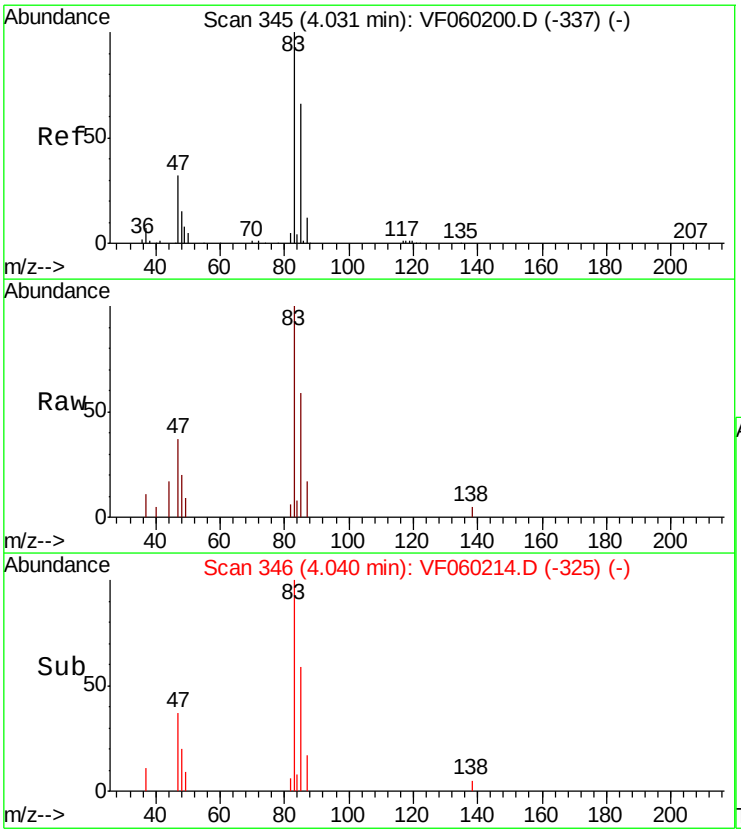
#26
2,2-Dichloropropane
Concen: 2.056 ug/l
RT: 3.85 min Scan# 327
Delta R.T. 0.09 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Instrument : MSVOA_F
ClientSampleId : EP1-MW-H(15-20)

Tgt Ion: 77 Resp: 114

Ion	Ratio	Lower	Upper
77	100		
97	0.0	7.5	22.5#

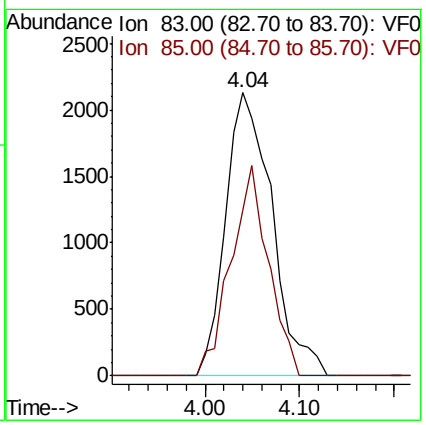


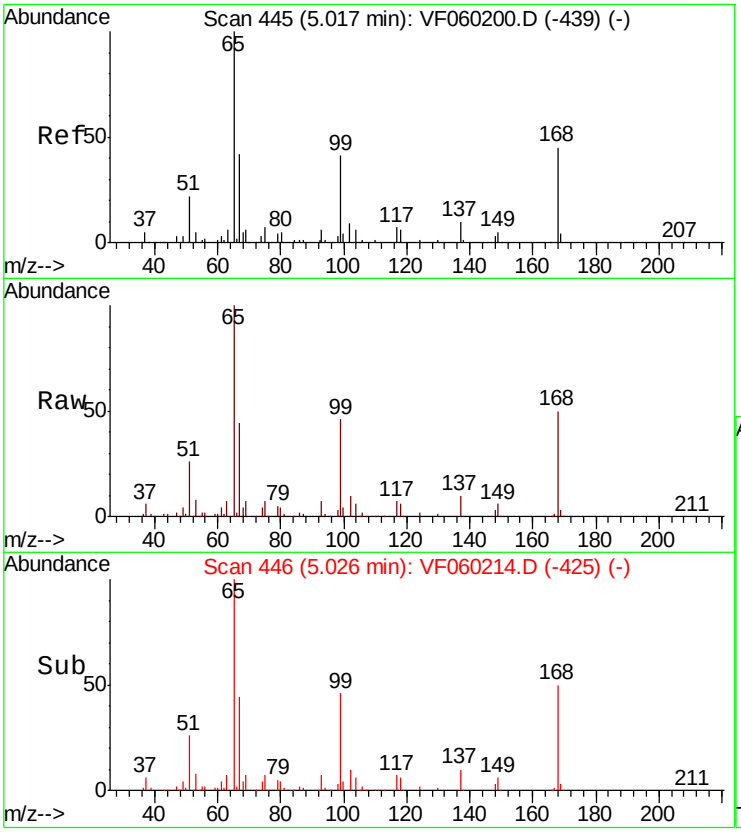


#30
Chloroform
Concen: 1.376 ug/l
RT: 4.04 min Scan# 346
Delta R.T. 0.01 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Tgt Ion: 83 Resp: 7264

Ion	Ratio	Lower	Upper
83	100		
85	58.6	52.6	79.0



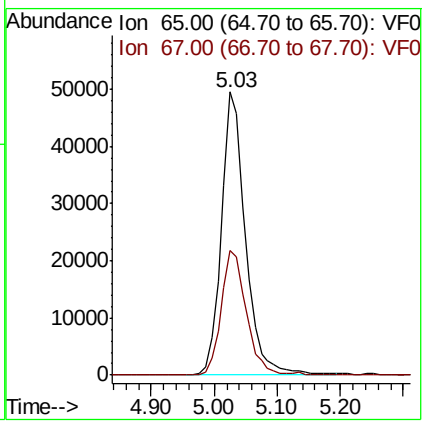


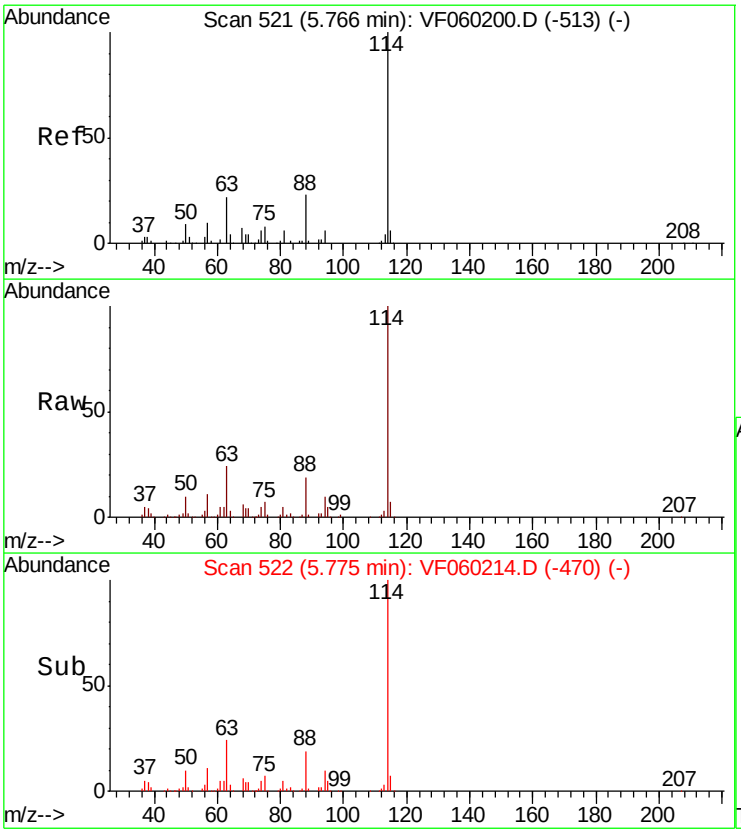
#33
1,2-Dichloroethane-d4
Concen: 36.633 ug/l
RT: 5.03 min Scan# 446
Delta R.T. 0.01 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-H(15-20)

Tgt Ion: 65 Resp: 131271

Ion	Ratio	Lower	Upper
65	100		
67	44.1	0.0	87.2

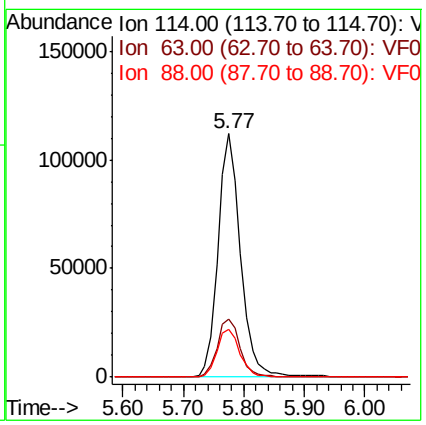


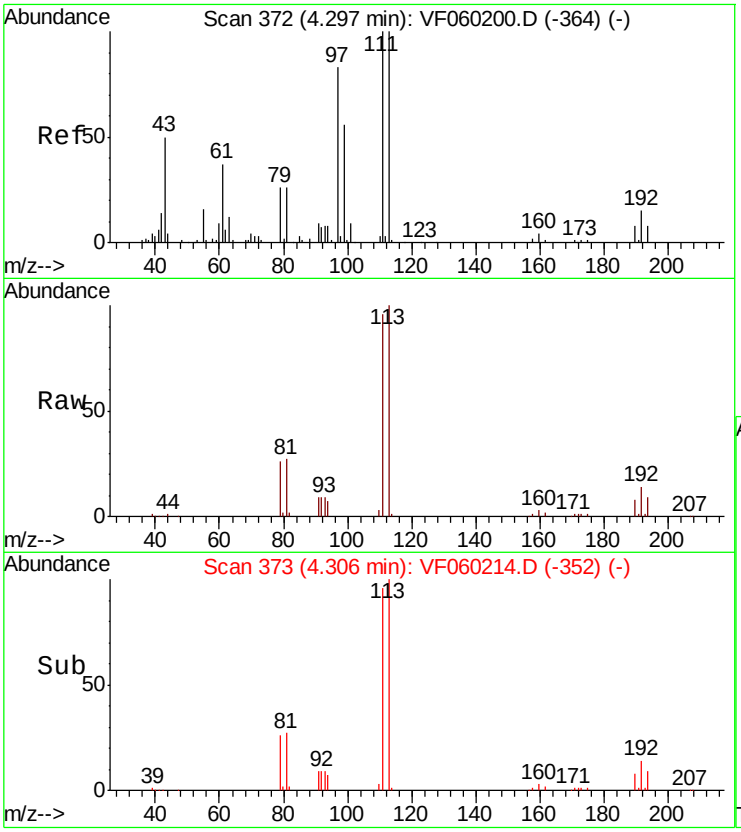


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 522
Delta R.T. 0.01 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Tgt Ion:114 Resp: 288745

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	45.6
88	19.5	0.0	46.4



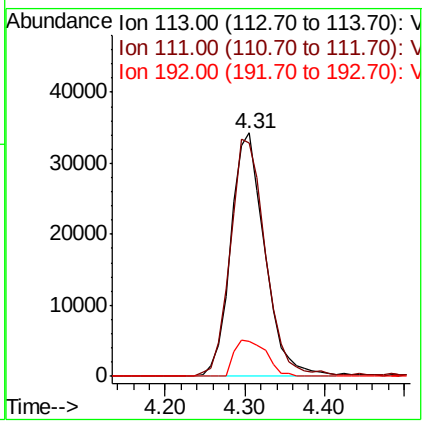


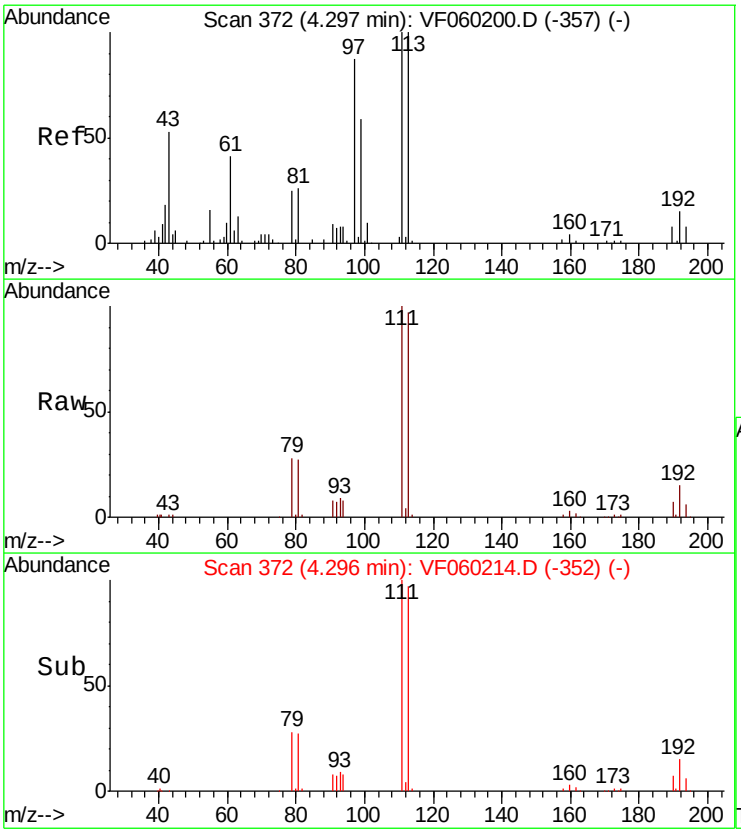
#35
Dibromofluoromethane
Concen: 35.975 ug/l
RT: 4.31 min Scan# 373
Delta R.T. 0.01 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-H(15-20)

Tgt Ion:113 Resp: 101771

Ion	Ratio	Lower	Upper
113	100		
111	95.0	80.2	120.2
192	14.1	11.8	17.8

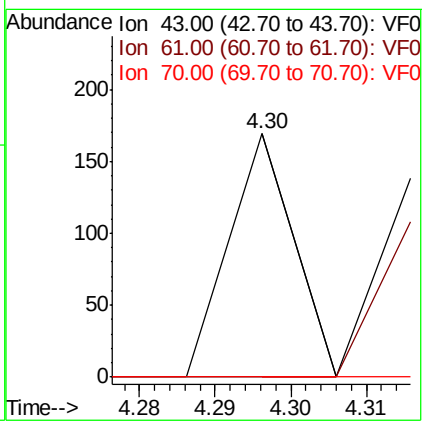


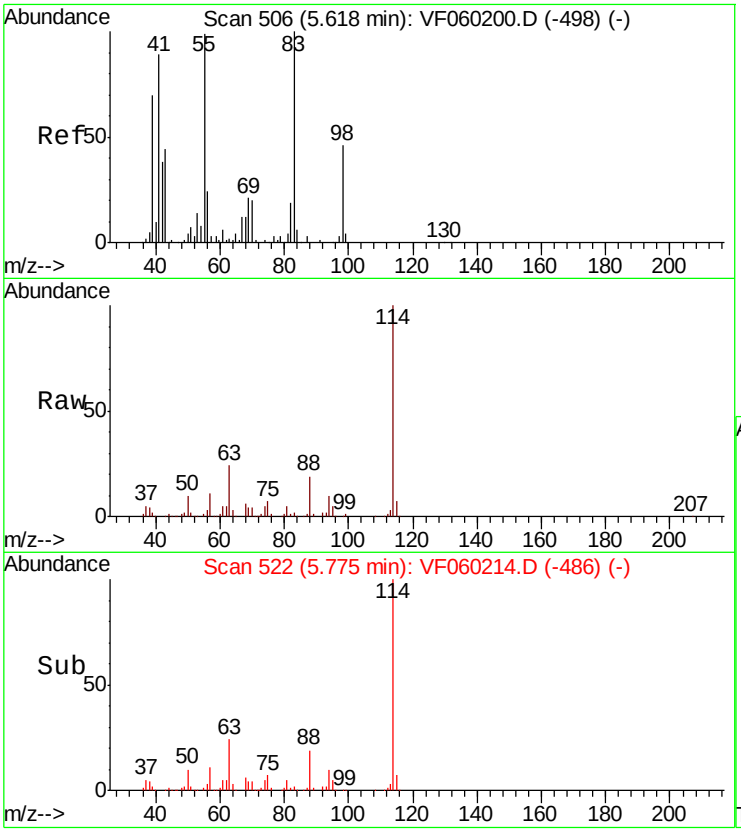


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.30 min Scan# 372
Delta R.T. 0.00 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Tgt Ion: 43 Resp: 100

Ion	Ratio	Lower	Upper
43	100		
61	0.0	61.6	92.4#
70	0.0	6.9	10.3#



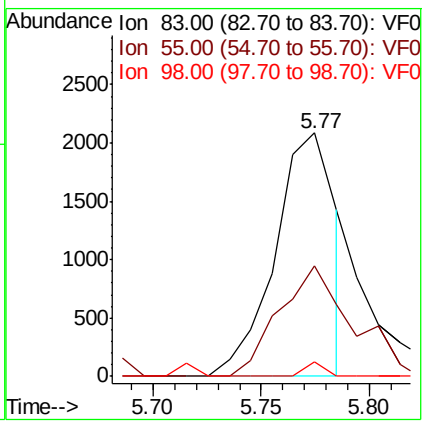


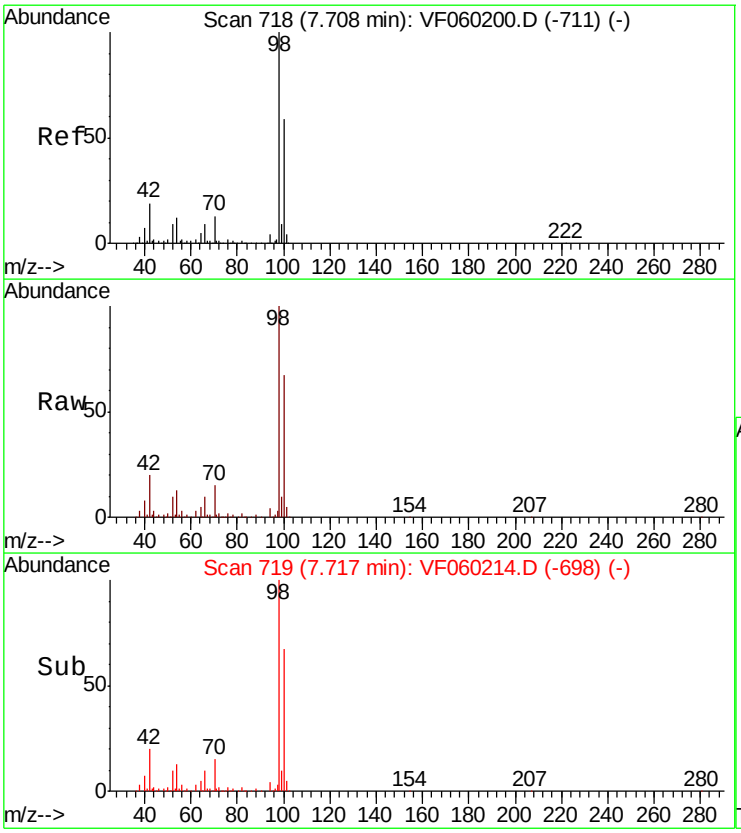
#39
Methylcyclohexane
Concen: 1.420 ug/l
RT: 5.77 min Scan# 522
Delta R.T. 0.16 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-H(15-20)

Tgt Ion: 83 Resp: 4042

Ion	Ratio	Lower	Upper
83	100		
55	45.3	79.0	118.4#
98	5.8	36.7	55.1#

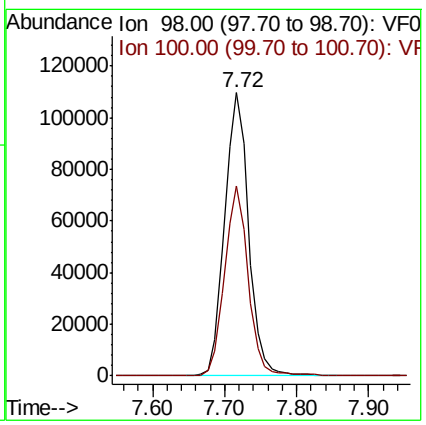


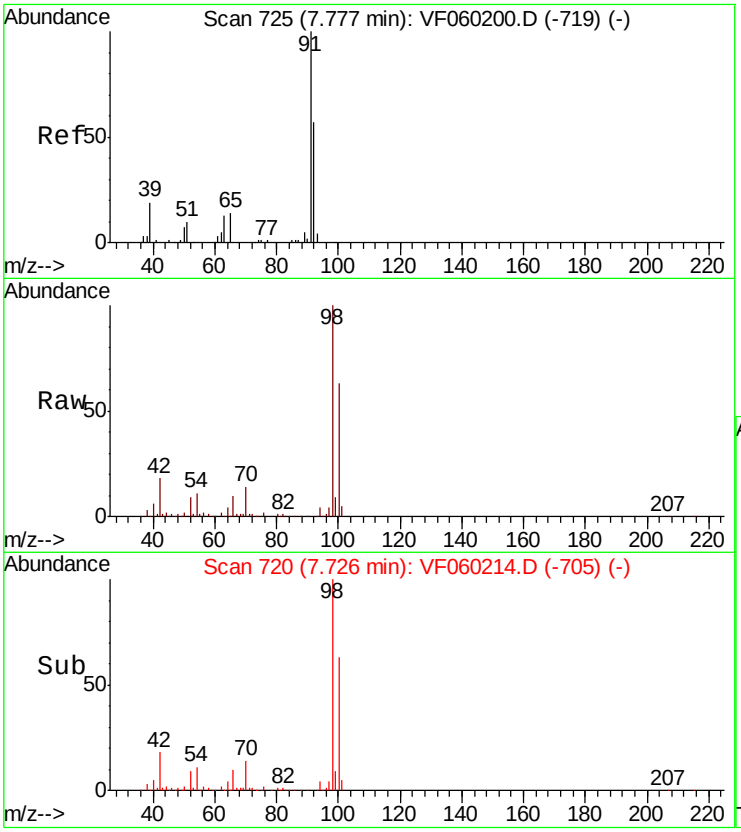


#50
Toluene-d8
Concen: 35.919 ug/l
RT: 7.72 min Scan# 719
Delta R.T. 0.01 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Tgt Ion: 98 Resp: 253565

Ion	Ratio	Lower	Upper
98	100		
100	67.2	47.4	71.0



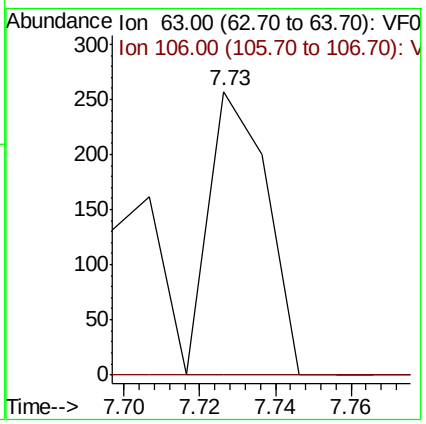


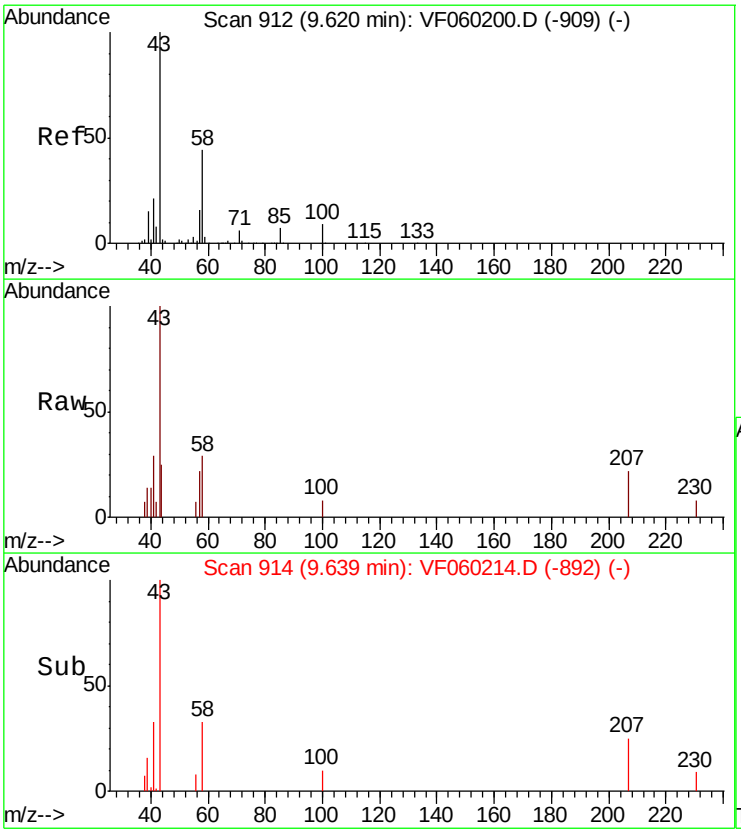
#58
2-Chloroethyl Vinyl ether
Concen: 1.273 ug/l
RT: 7.73 min Scan# 720
Delta R.T. -0.05 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-H(15-20)

Tgt Ion: 63 Resp: 270

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

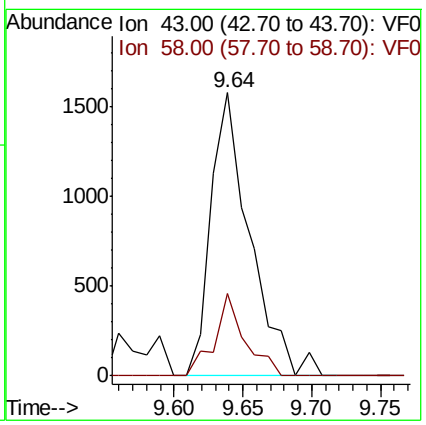


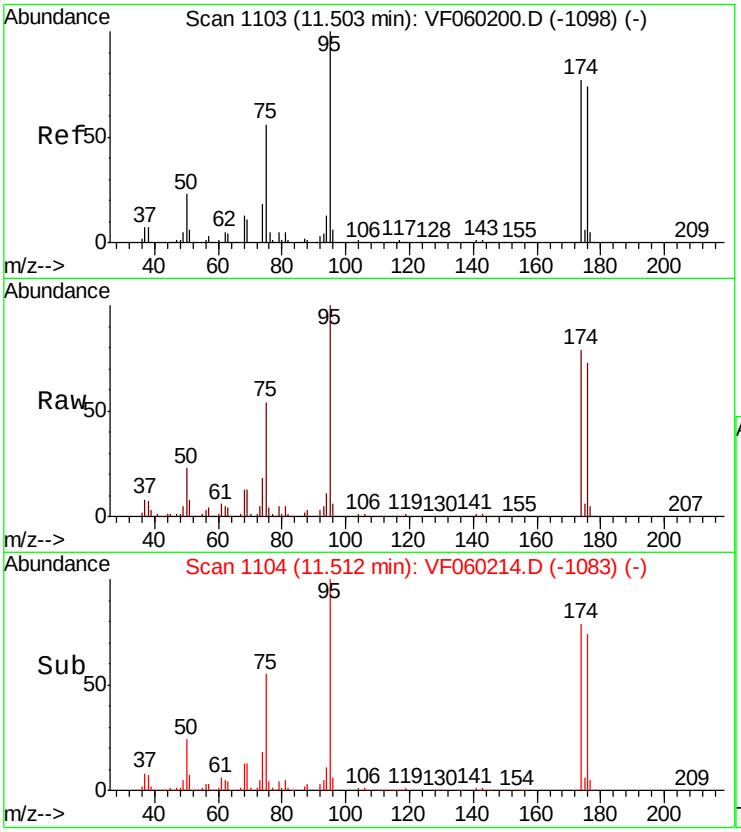


#59
2-Hexanone
Concen: 1.197 ug/l
RT: 9.64 min Scan# 914
Delta R.T. 0.02 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Tgt Ion: 43 Resp: 3107

Ion	Ratio	Lower	Upper
43	100		
58	29.2	20.8	62.5



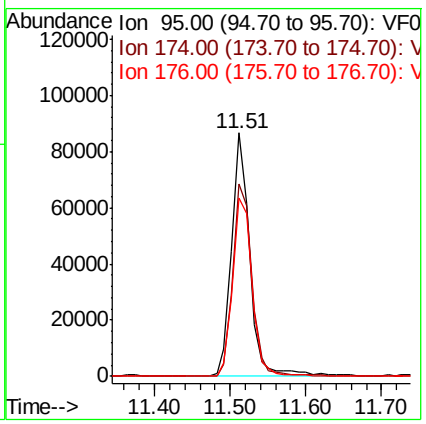


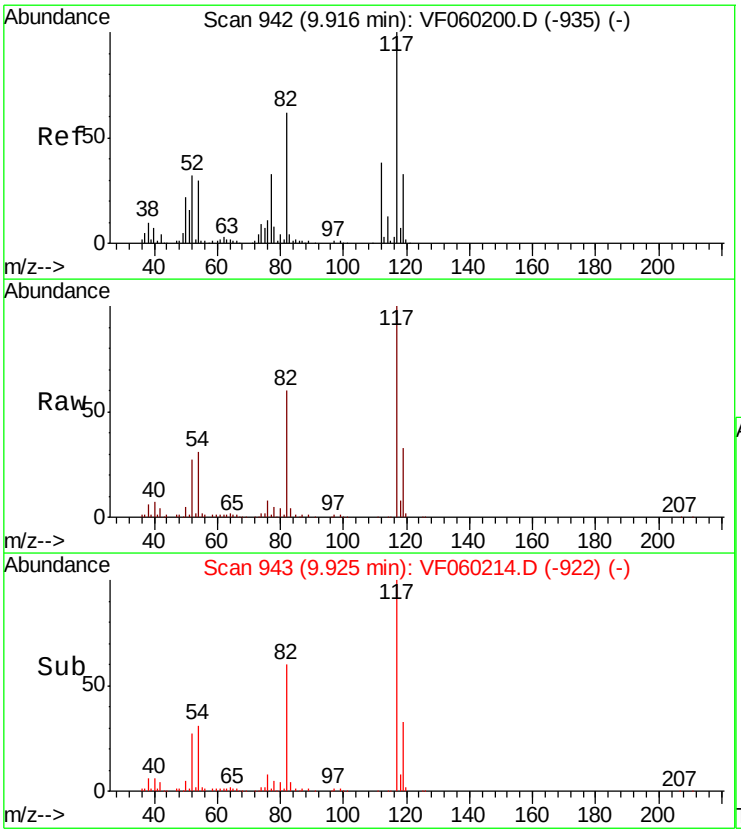
#62
4-Bromofluorobenzene
Concen: 35.773 ug/l
RT: 11.51 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-H(15-20)

Tgt Ion: 95 Resp: 142485

Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	153.2
176	73.2	0.0	147.2

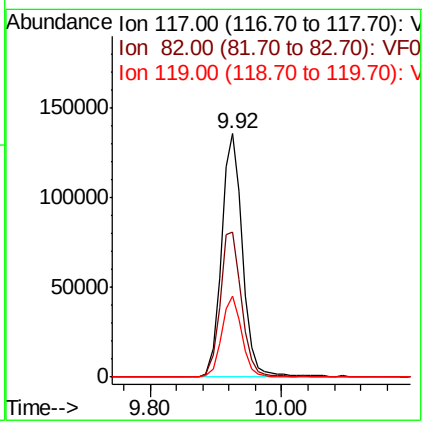


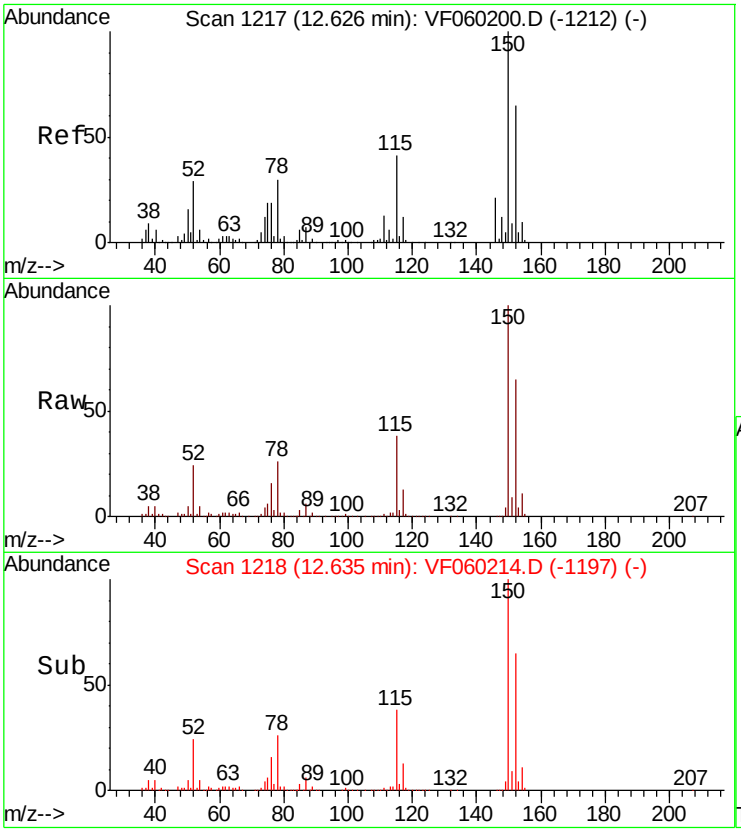


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 943
Delta R.T. 0.01 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Tgt Ion:117 Resp: 302566

Ion	Ratio	Lower	Upper
117	100		
82	59.6	49.3	73.9
119	33.0	26.5	39.7



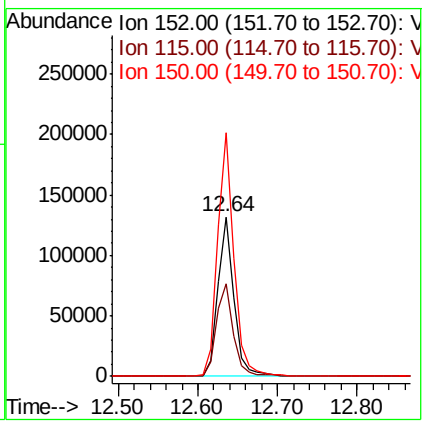


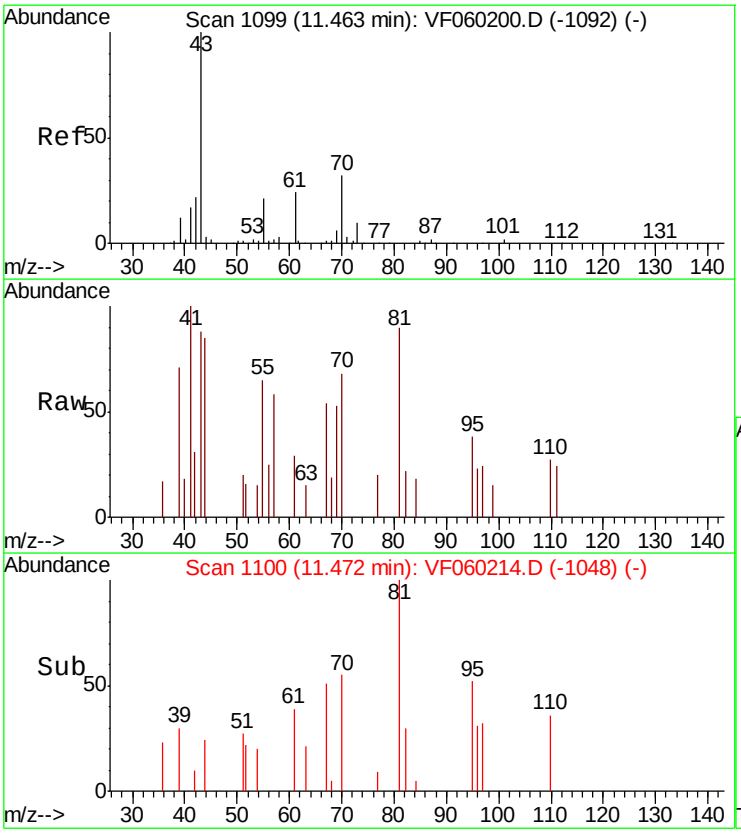
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1218
Delta R.T. 0.01 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-H(15-20)

Tgt Ion:152 Resp: 187751

Ion	Ratio	Lower	Upper
152	100		
115	58.4	31.5	94.5
150	152.7	0.0	310.4

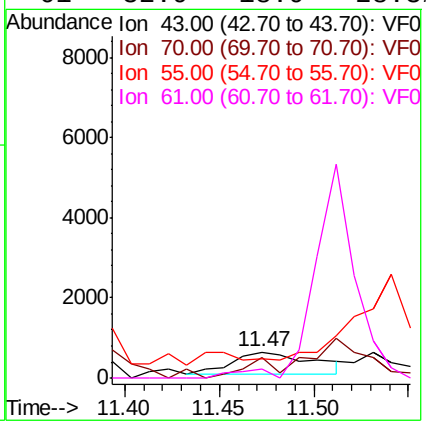


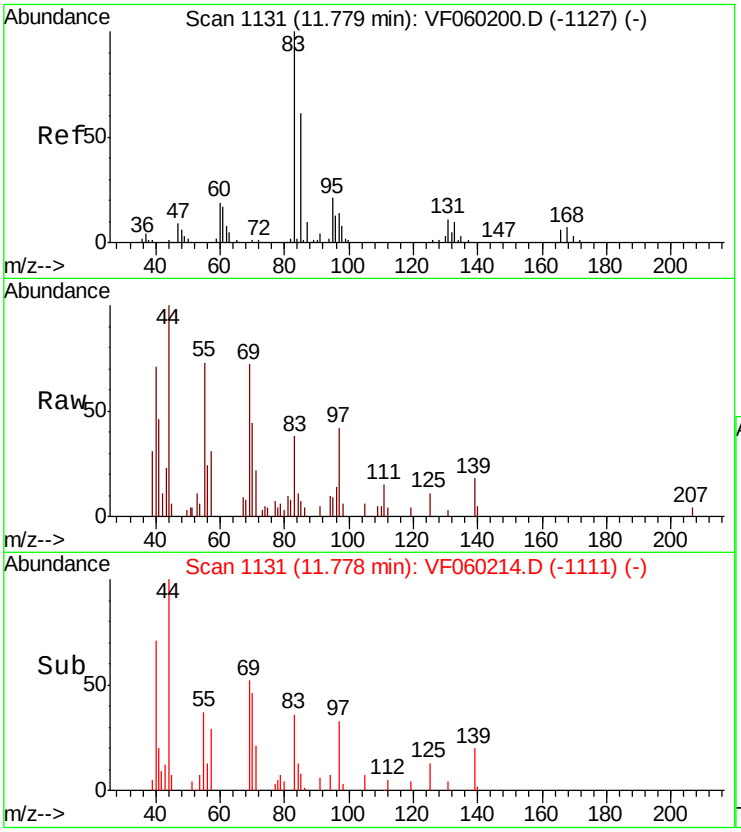


#74
N-amyl acetate
Concen: 5.351 ug/l
RT: 11.47 min Scan# 1100
Delta R.T. 0.01 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Tgt Ion: 43 Resp: 1585

Ion	Ratio	Lower	Upper
43	100		
70	77.1	25.8	38.6#
55	74.2	16.8	25.2#
61	32.9	18.9	28.3#



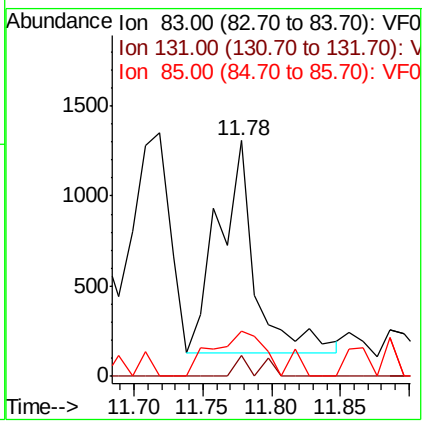


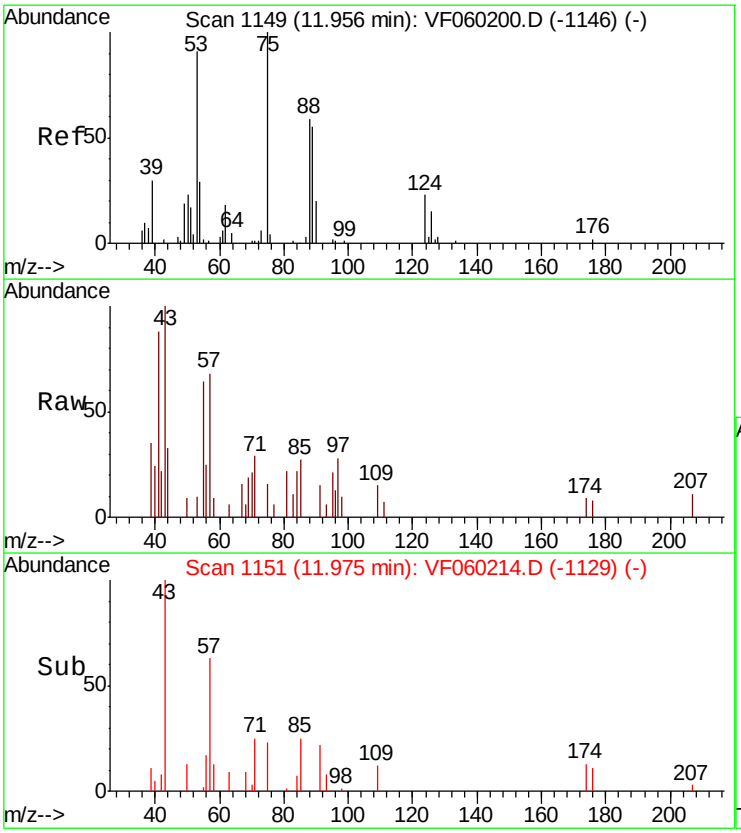
#75
1,1,2,2-Tetrachloroethane
Concen: 1.135 ug/l
RT: 11.78 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-H(15-20)

Tgt Ion: 83 Resp: 2211

Ion	Ratio	Lower	Upper
83	100		
131	8.7	5.5	16.4
85	19.3	31.1	93.5#

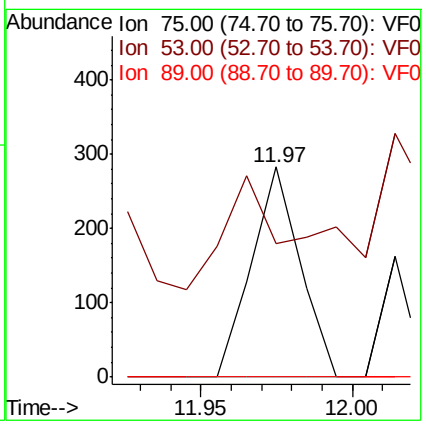


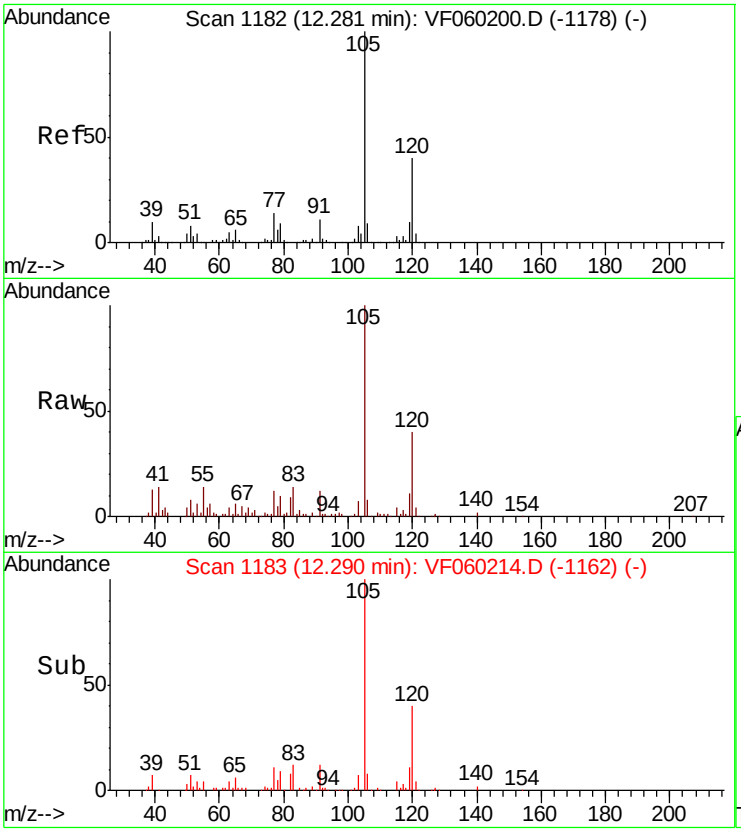


#81
trans-1,4-Dichloro-2-butene
Concen: 3.159 ug/l
RT: 11.97 min Scan# 1151
Delta R.T. 0.02 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Tgt Ion: 75 Resp: 313

Ion	Ratio	Lower	Upper
75	100		
53	63.3	76.5	114.7#
89	0.0	46.5	69.7#



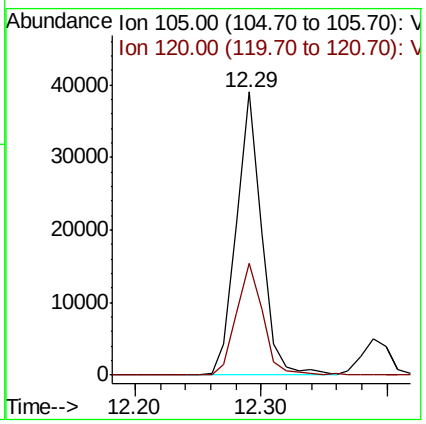


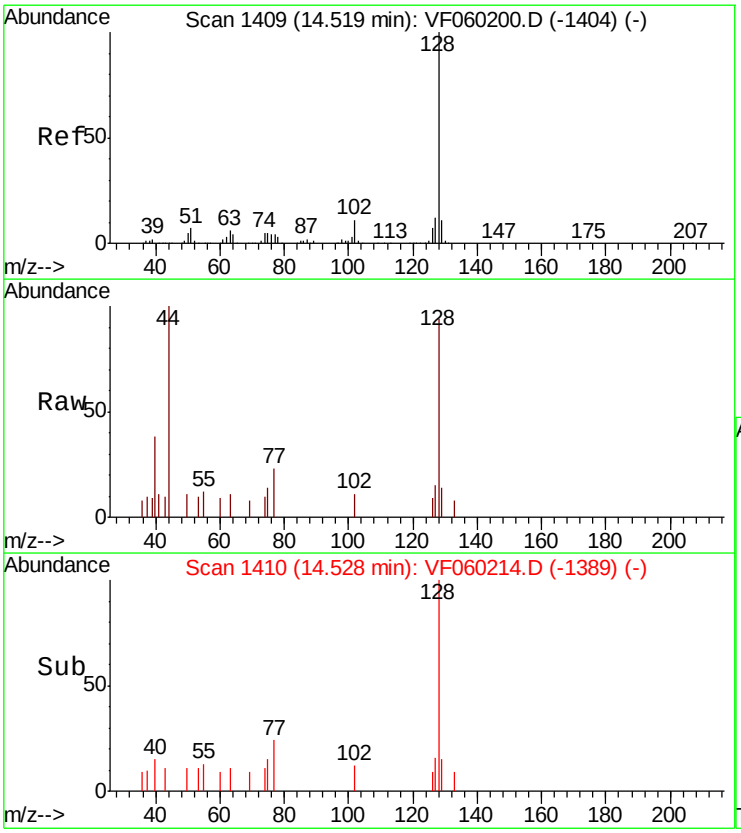
#84
1,2,4-Trimethylbenzene
Concen: 4.638 ug/l
RT: 12.29 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-H(15-20)

Tgt Ion:105 Resp: 53869

Ion	Ratio	Lower	Upper
105	100		
120	39.5	20.2	60.5





#95
Naphthalene
Concen: 2.856 ug/l
RT: 14.53 min Scan# 1410
Delta R.T. 0.01 min
Lab File: VF060214.D
Acq: 7 Sep 2018 16:58

Tgt Ion:128 Resp: 1846

Ion	Ratio	Lower	Upper
128	100		
127	15.8	9.9	14.9#
129	15.0	8.9	13.3#