Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF090718\
Data File : VF060213.D
Acq On : 7 Sep 2018 16:31
Operator : VA/AP
Sample : J4693-19RE
Misc : 5.83g/5mL/MSVOA_F/SOIL
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 07 23:24:54 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	100702	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.77	114	143001	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	146009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	90479	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	64606	36.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 73.44%			
35) Dibromofluoromethane	4.30	113	51377	36.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 73.34%			
50) Toluene-d8	7.72	98	130762	37.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 74.80%			
62) 4-Bromofluorobenzene	11.51	95	71793	36.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 72.80%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.70	59	201	14.365	ug/l #	75
13) Acrolein	2.10	56	187	Below Cal #		73
15) Acrylonitrile	3.07	53	232	1.735	ug/l #	43
16) Acetone	2.34	43	6032	23.520	ug/l	97
18) Methyl Acetate	2.50	43	1896	3.189	ug/l #	64
20) Methylene Chloride	2.29	84	3789	Below Cal		88
23) Vinyl Acetate	3.34	43	105	22.881	ug/l #	82
25) 2-Butanone	4.52	43	1970	3.984	ug/l #	59
26) 2,2-Dichloropropane	3.76	77	62	2.058	ug/l #	64
29) Tetrahydrofuran	4.28	42	418	2.557	ug/l #	52
30) Chloroform	4.04	83	3487	1.345	ug/l #	66
37) Ethyl Acetate	4.29	43	401	Below Cal #		17
39) Methylcyclohexane	5.76	83	2033	1.442	ug/l #	40
49) 1,4-Dioxane	6.92	88	63	5.513	ug/l #	11
51) 4-Methyl-2-Pentanone	8.42	43	2431	2.795	ug/l #	70
56) Ethyl methacrylate	8.78	69	1928	1.974	ug/l #	67
58) 2-Chloroethyl Vinyl ether	7.76	63	158	1.505	ug/l	100
59) 2-Hexanone	9.63	43	2389	2.510	ug/l	80
73) Isopropylbenzene	11.23	105	10542	1.689	ug/l	99
74) N-amyl acetate	11.49	43	2493	6.609	ug/l #	37
75) 1,1,2,2-Tetrachloroethane	11.77	83	3320	3.537	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.97	75	198	3.352	ug/l #	1
85) sec-Butylbenzene	12.39	105	15708	2.268	ug/l	92
95) Naphthalene	14.53	128	1900	3.136	ug/l #	78

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF090718\
Data File : VF060213.D
Acq On : 7 Sep 2018 16:31
Operator : VA/AP
Sample : J4693-19RE
Misc : 5.83g/5mL/MSVOA_F/SOIL
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 07 23:24:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
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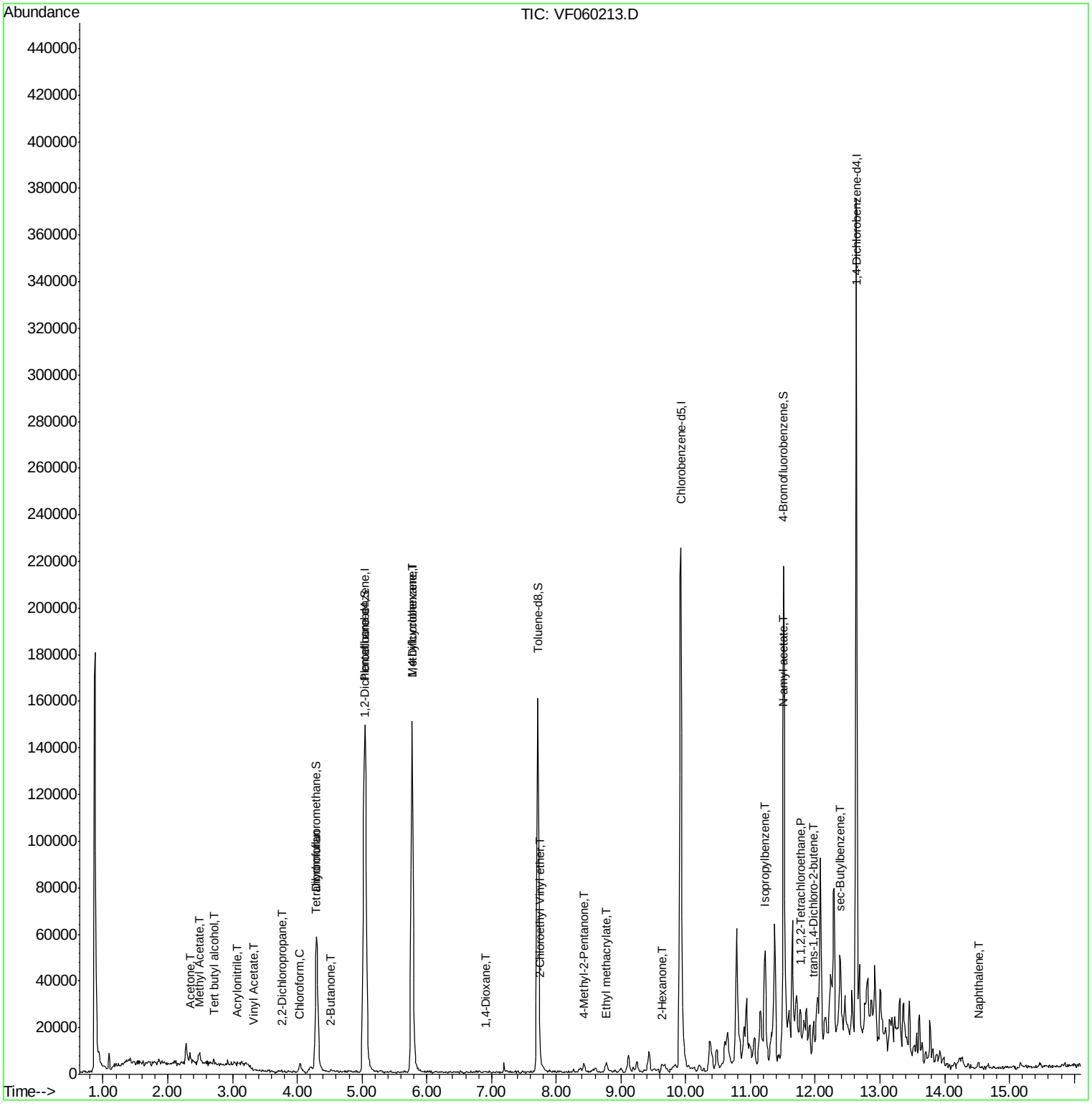
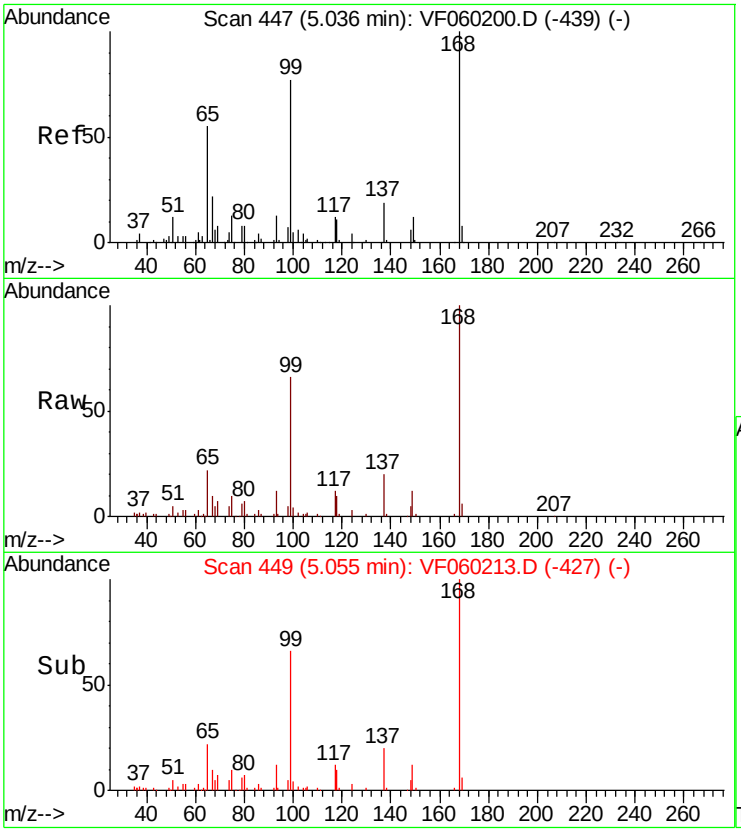


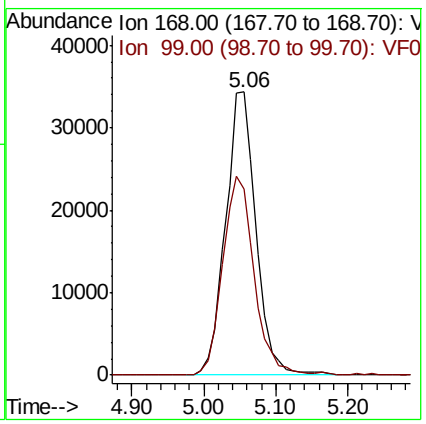


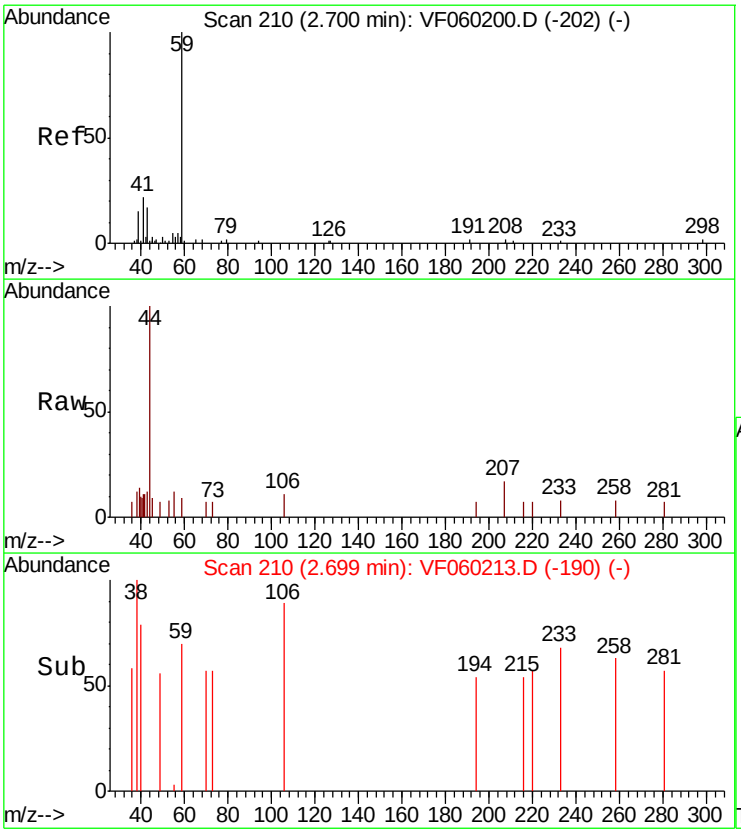
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 449
Delta R.T. 0.02 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

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

Tgt Ion:168 Resp: 100702

Ion	Ratio	Lower	Upper
168	100		
99	65.9	61.8	92.6

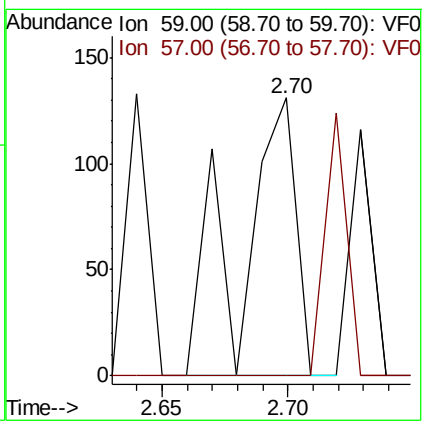


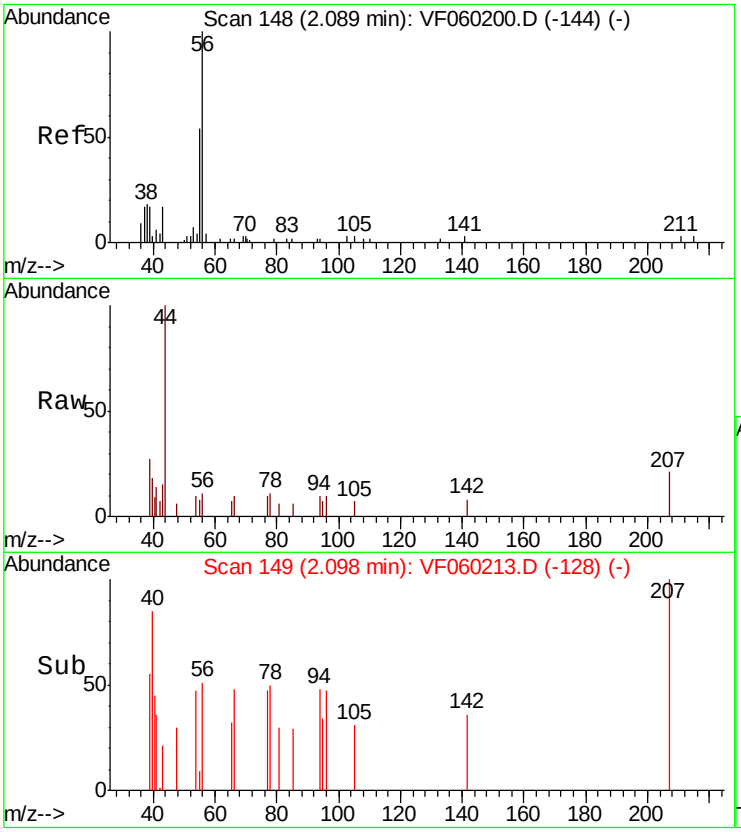


#11
Tert butyl alcohol
Concen: 14.365 ug/l
RT: 2.70 min Scan# 210
Delta R.T. -0.00 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

Tgt Ion: 59 Resp: 201

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.2	10.8#



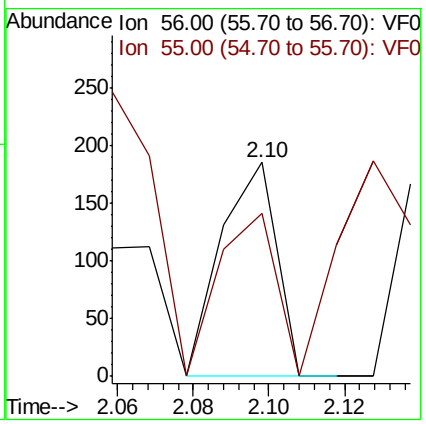


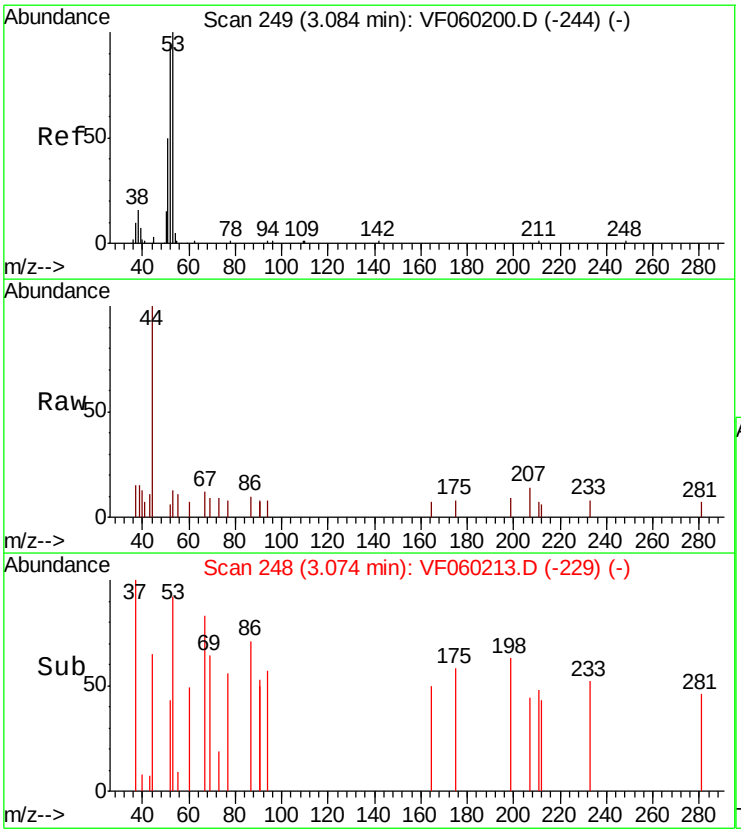
#13
Acrolein
Concen: Below Cal
RT: 2.10 min Scan# 149
Delta R.T. 0.01 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

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

Tgt Ion: 56 Resp: 187

Ion	Ratio	Lower	Upper
56	100		
55	76.2	45.1	67.7#

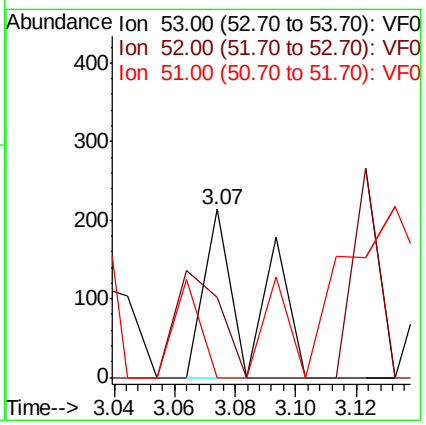


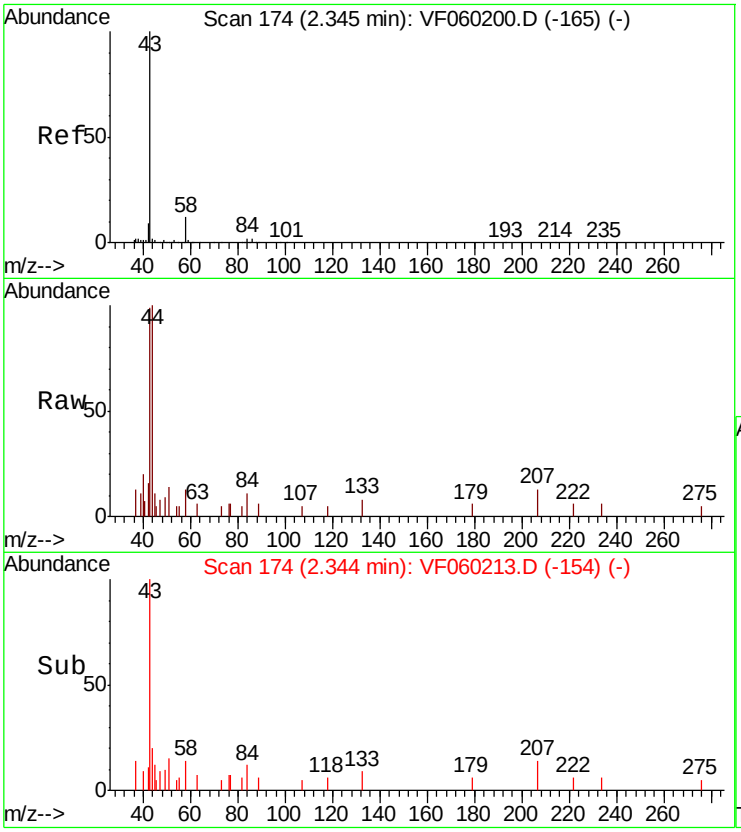


#15
Acrylonitrile
Concen: 1.735 ug/l
RT: 3.07 min Scan# 248
Delta R.T. -0.01 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

Tgt Ion: 53 Resp: 232

Ion	Ratio	Lower	Upper
53	100		
52	47.2	75.0	112.6#
51	0.0	39.9	59.9#



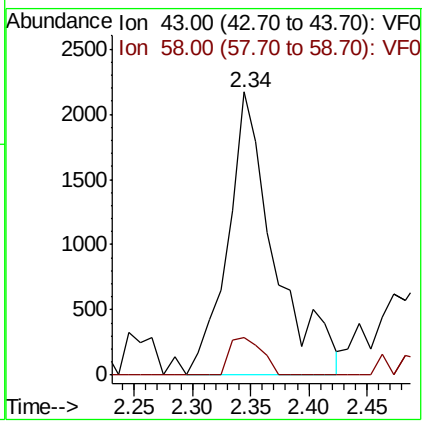


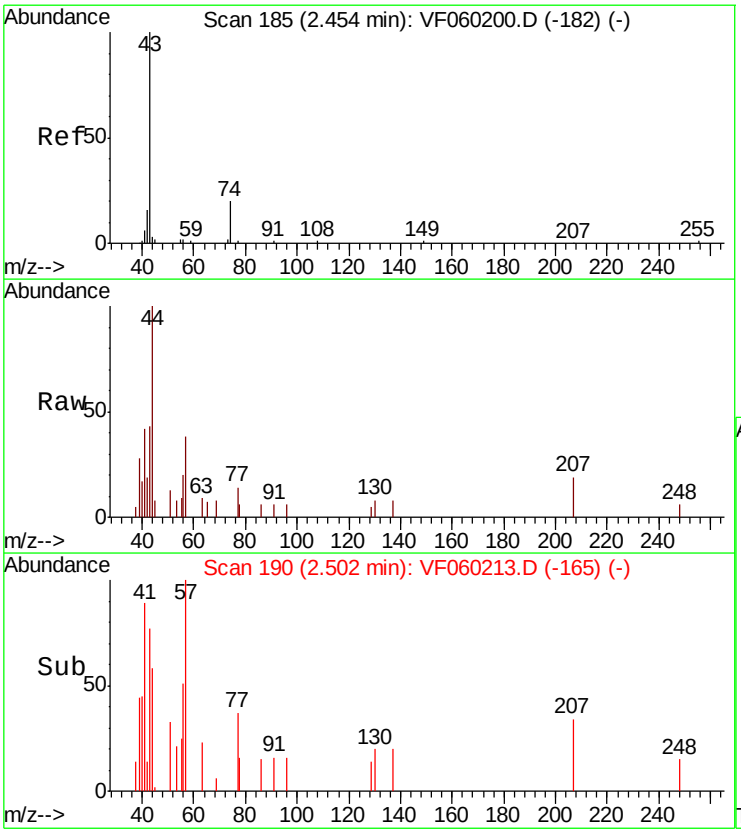
#16
Acetone
Concen: 23.520 ug/l
RT: 2.34 min Scan# 174
Delta R.T. -0.00 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

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

Tgt Ion: 43 Resp: 6032

Ion	Ratio	Lower	Upper
43	100		
58	13.2	9.7	14.5

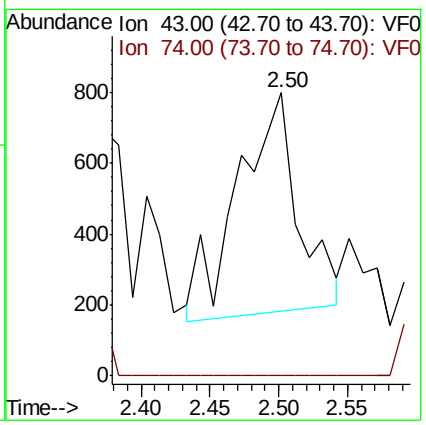


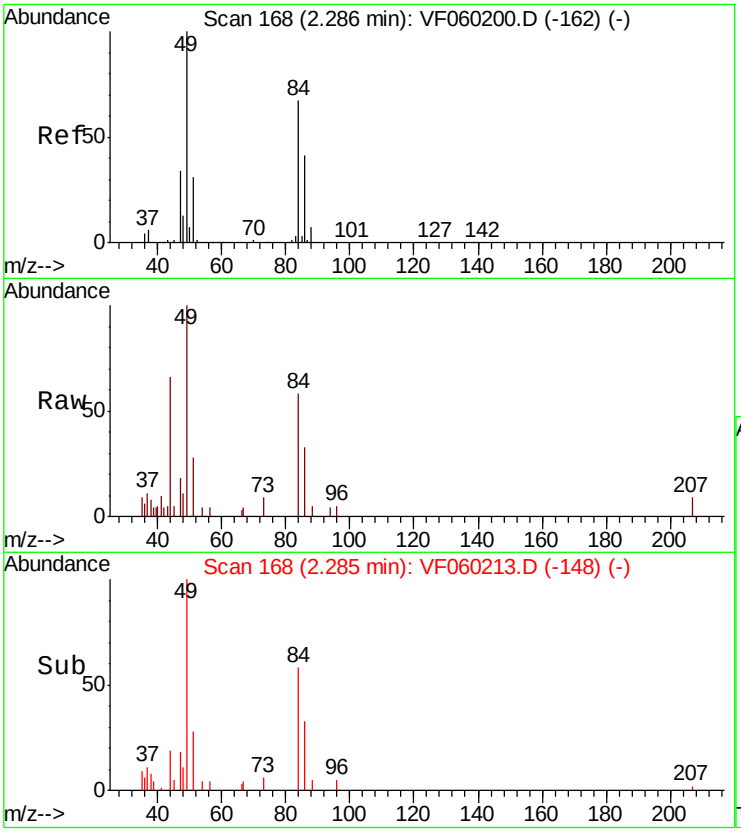


#18
Methyl Acetate
Concen: 3.189 ug/l
RT: 2.50 min Scan# 190
Delta R.T. 0.05 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

Tgt Ion: 43 Resp: 1896

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.9	17.9#



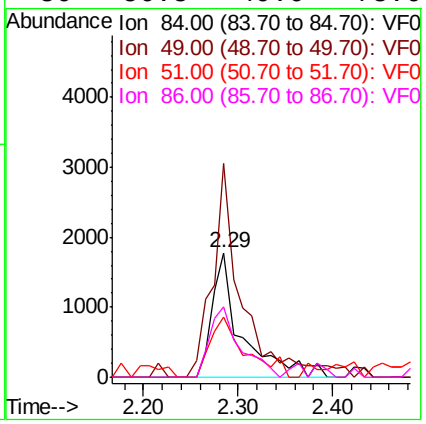


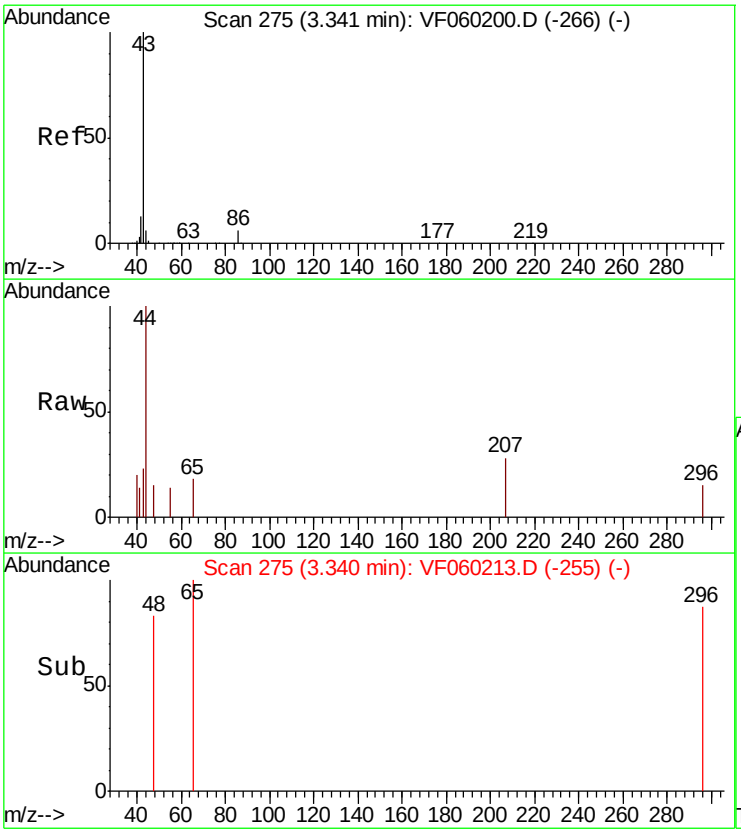
#20
Methylene Chloride
Concen: Below Cal
RT: 2.29 min Scan# 168
Delta R.T. -0.00 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

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

Tgt Ion: 84 Resp: 3789

Ion	Ratio	Lower	Upper
84	100		
49	171.3	120.1	180.1
51	47.9	37.0	55.6
86	56.8	49.0	73.6

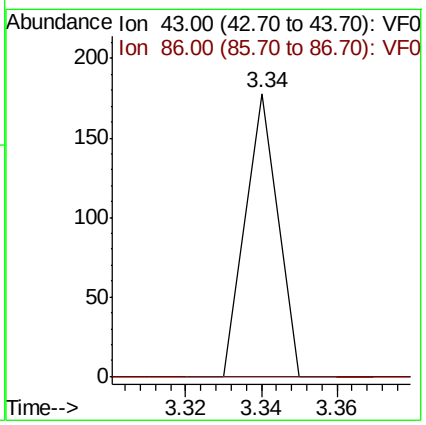


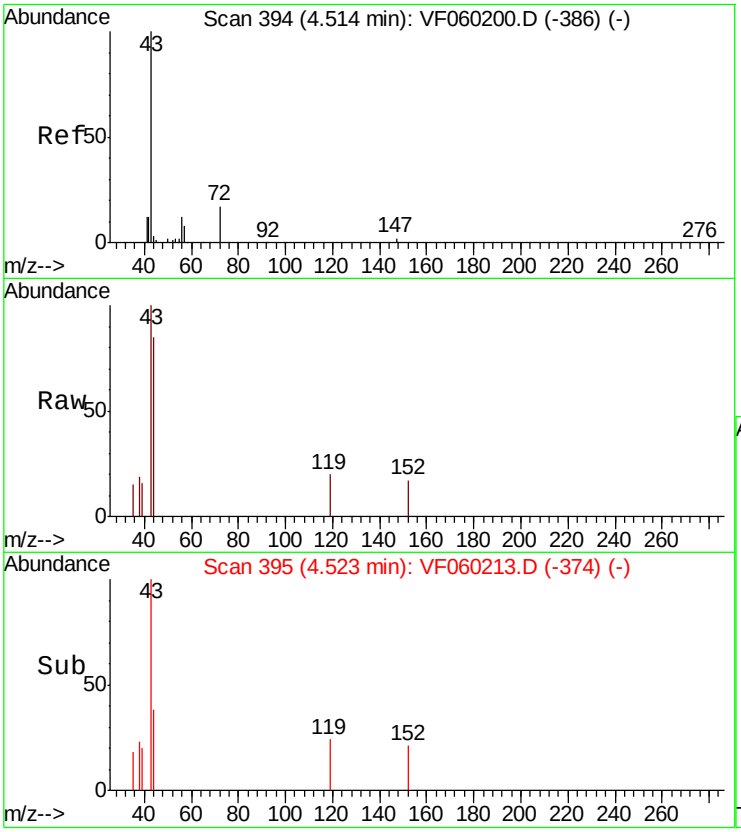


#23
Vinyl Acetate
Concen: 22.881 ug/l
RT: 3.34 min Scan# 275
Delta R.T. 0.00 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

Tgt Ion: 43 Resp: 105

Ion	Ratio	Lower	Upper
43	100		
86	0.0	4.8	7.2#



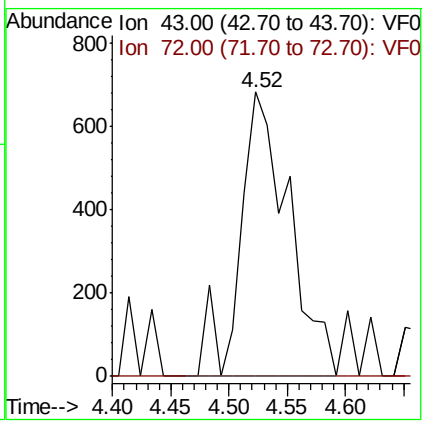


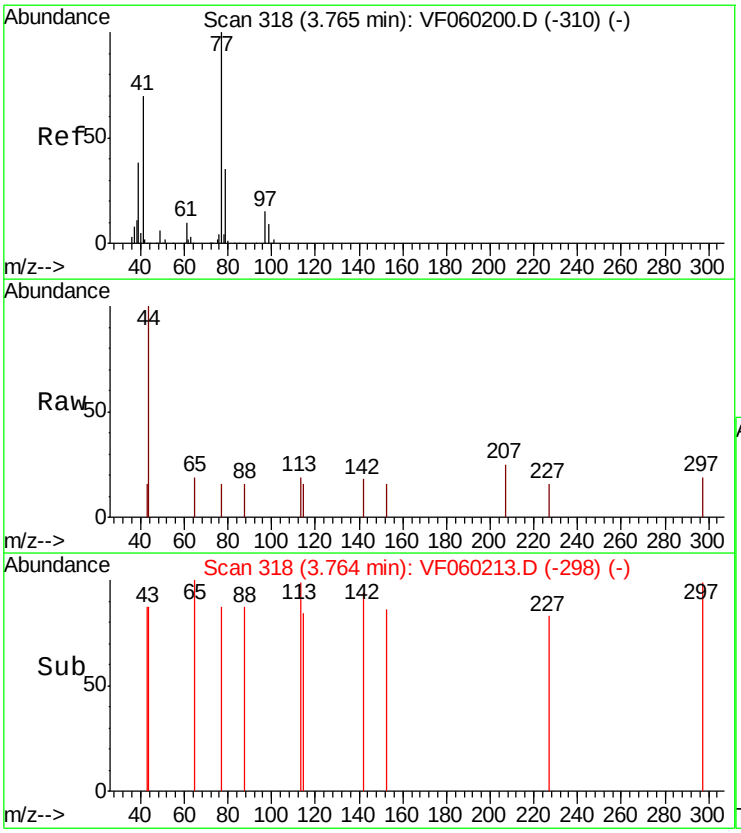
#25
2-Butanone
Concen: 3.984 ug/l
RT: 4.52 min Scan# 395
Delta R.T. 0.01 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

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

Tgt Ion: 43 Resp: 1970

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.8	22.2#

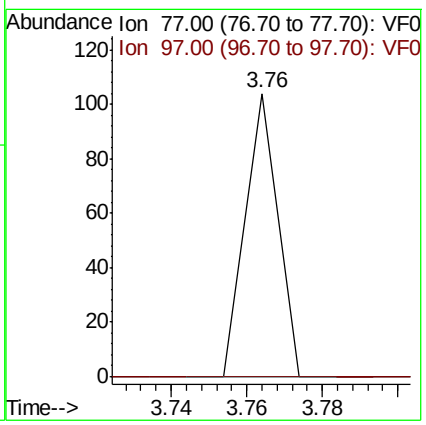


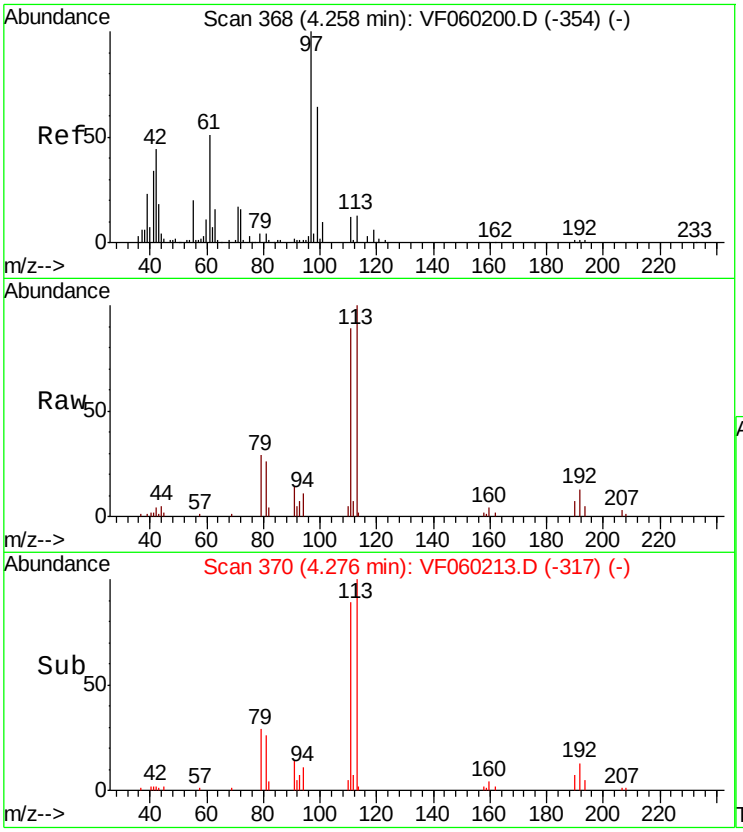


#26
2,2-Dichloropropane
Concen: 2.058 ug/l
RT: 3.76 min Scan# 318
Delta R.T. -0.00 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

Tgt Ion: 77 Resp: 62

Ion	Ratio	Lower	Upper
77	100		
97	0.0	7.5	22.5#



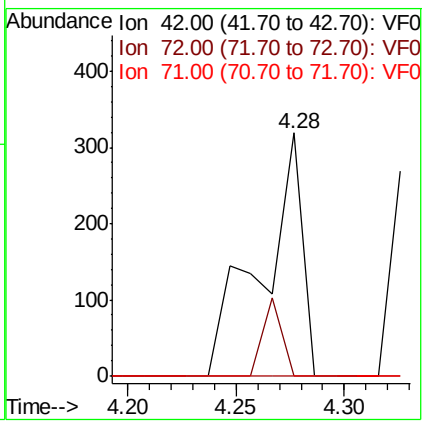


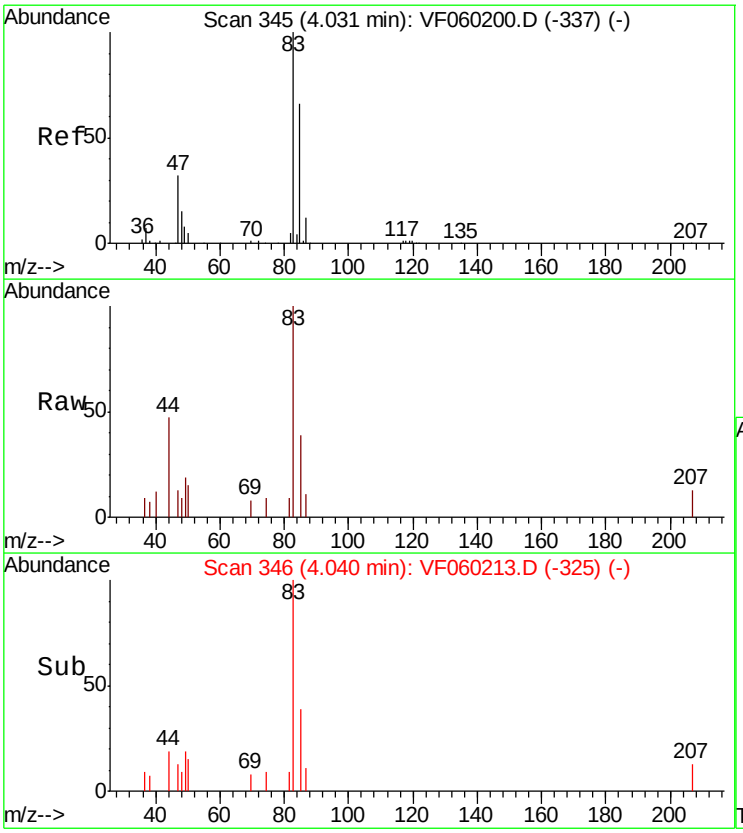
#29
Tetrahydrofuran
Concen: 2.557 ug/l
RT: 4.28 min Scan# 370
Delta R.T. 0.02 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

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

Tgt Ion: 42 Resp: 418

Ion	Ratio	Lower	Upper
42	100		
72	14.6	27.4	41.0#
71	0.0	28.5	42.7#

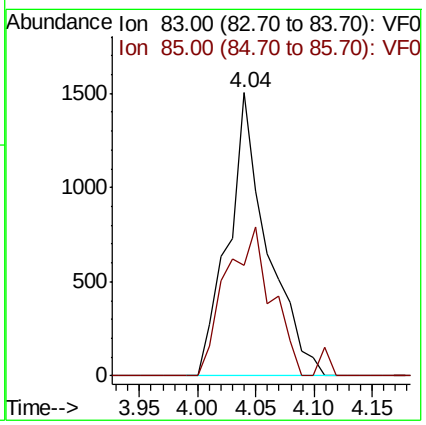


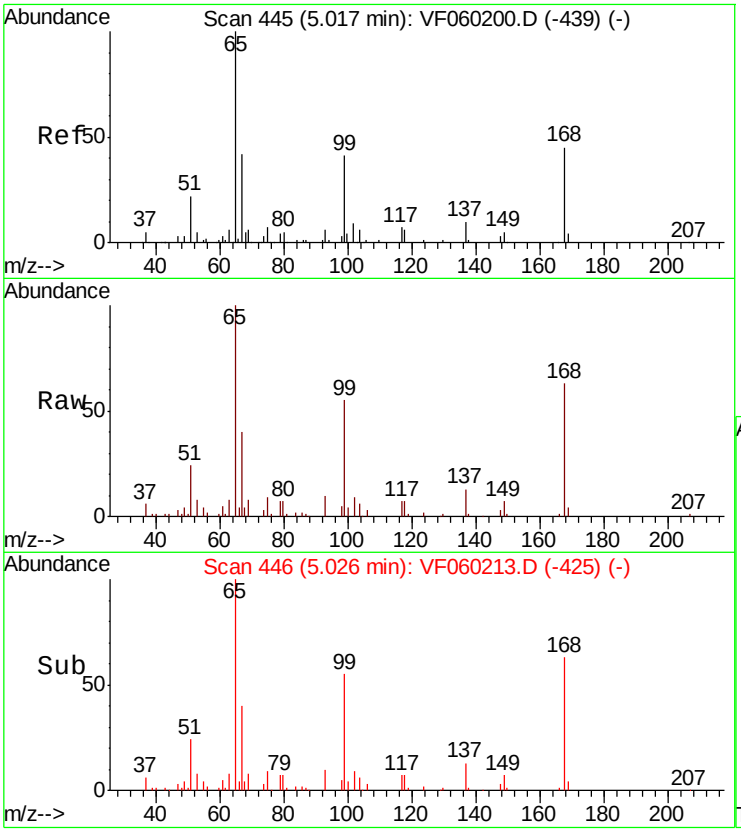


#30
Chloroform
Concen: 1.345 ug/l
RT: 4.04 min Scan# 346
Delta R.T. 0.01 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

Tgt Ion: 83 Resp: 3487

Ion	Ratio	Lower	Upper
83	100		
85	39.1	52.6	79.0#



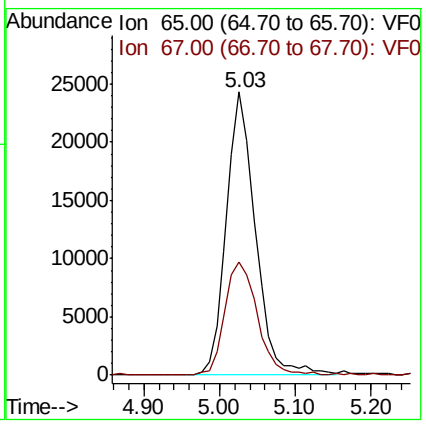


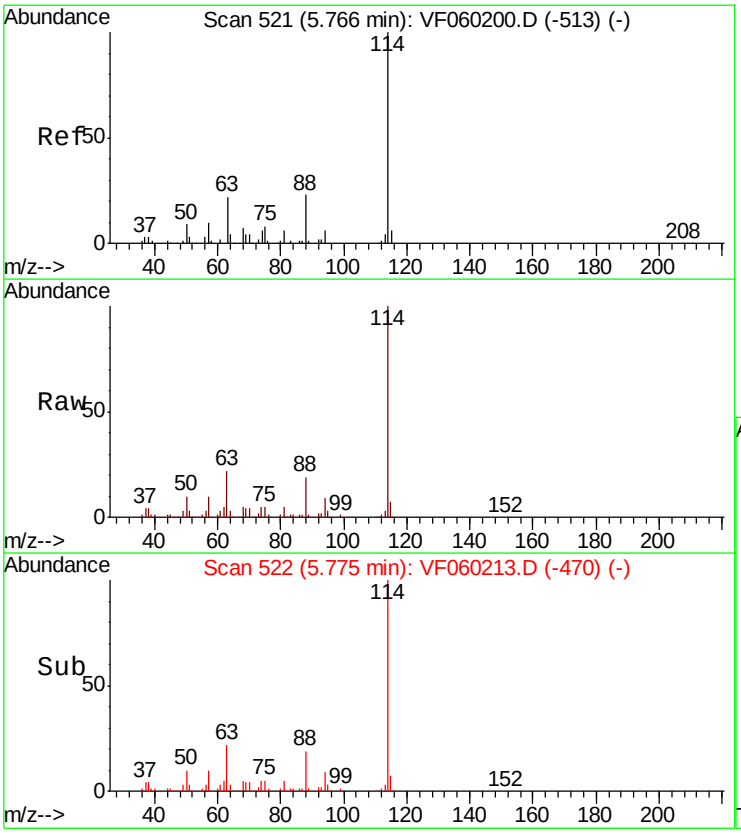
#33
1,2-Dichloroethane-d4
Concen: 36.724 ug/l
RT: 5.03 min Scan# 446
Delta R.T. 0.01 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

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

Tgt Ion: 65 Resp: 64606

Ion	Ratio	Lower	Upper
65	100		
67	40.1	0.0	87.2

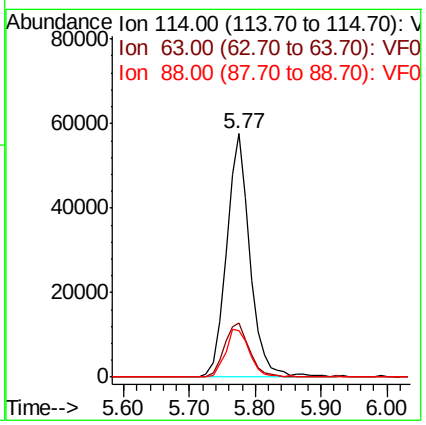


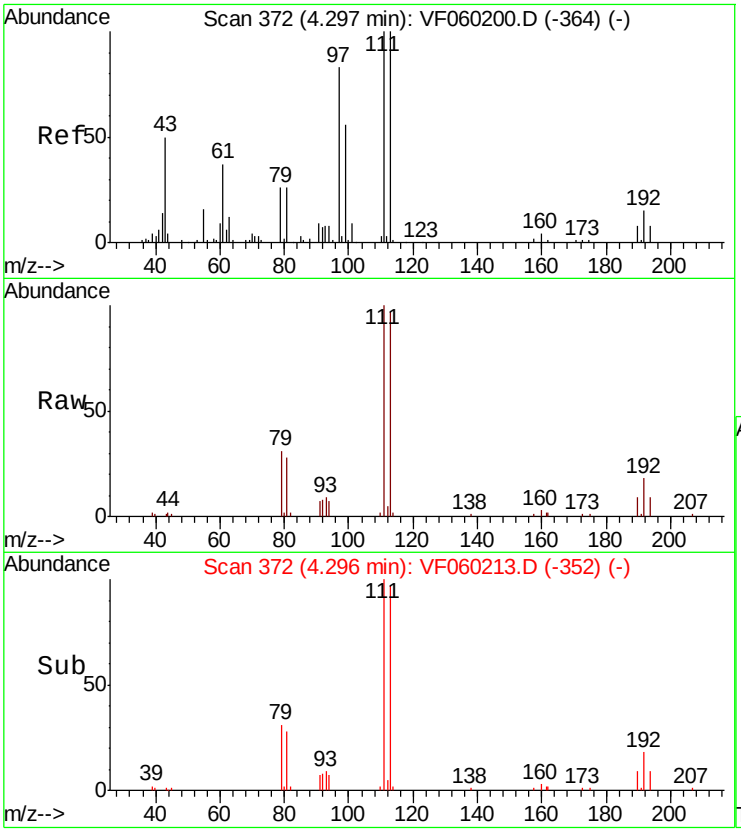


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 522
Delta R.T. 0.01 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

Tgt Ion:114 Resp: 143001

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	45.6
88	19.0	0.0	46.4



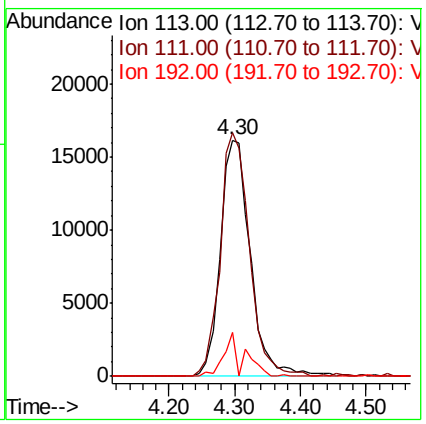


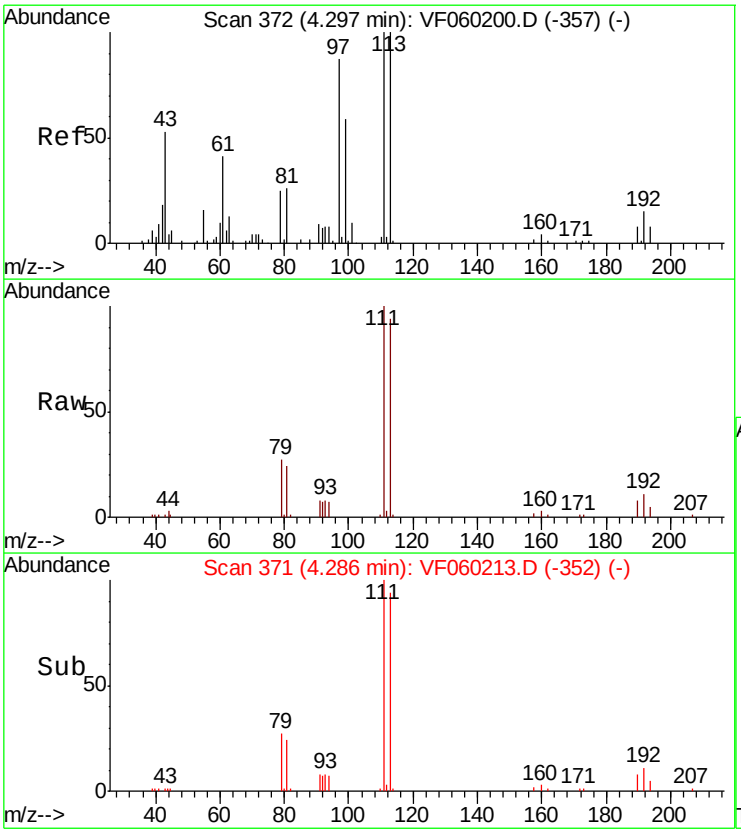
#35
Dibromofluoromethane
Concen: 36.671 ug/l
RT: 4.30 min Scan# 372
Delta R.T. -0.00 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

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

Tgt Ion:113 Resp: 51377

Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.2	120.2
192	18.5	11.8	17.8#

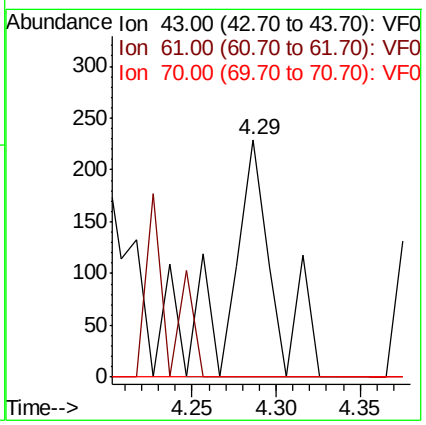


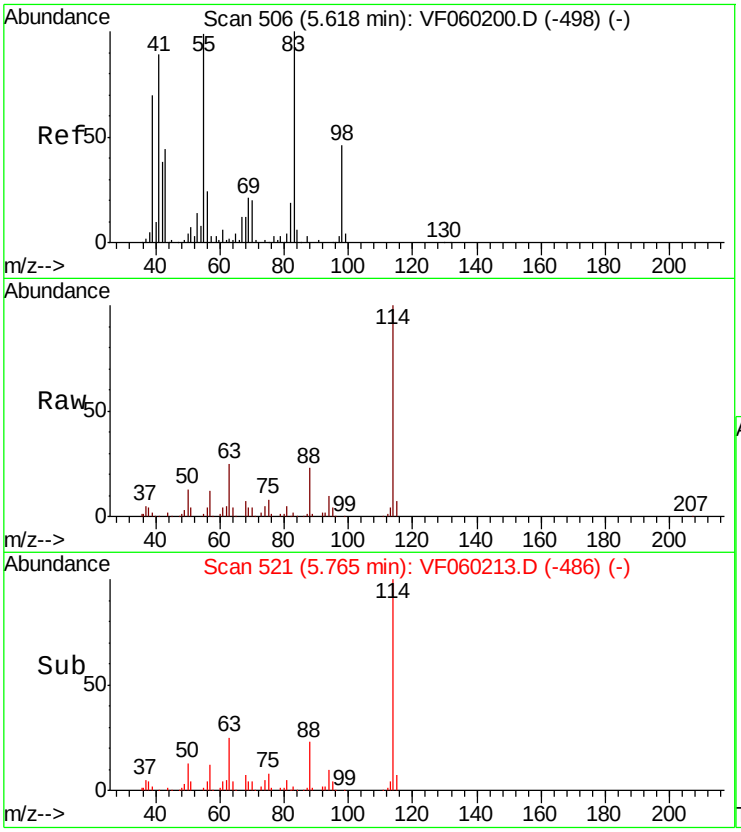


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.29 min Scan# 371
Delta R.T. -0.01 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

Tgt Ion: 43 Resp: 401

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



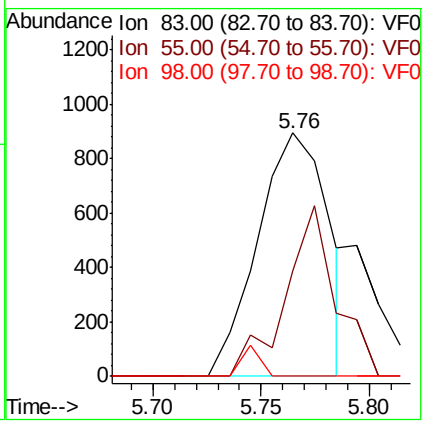


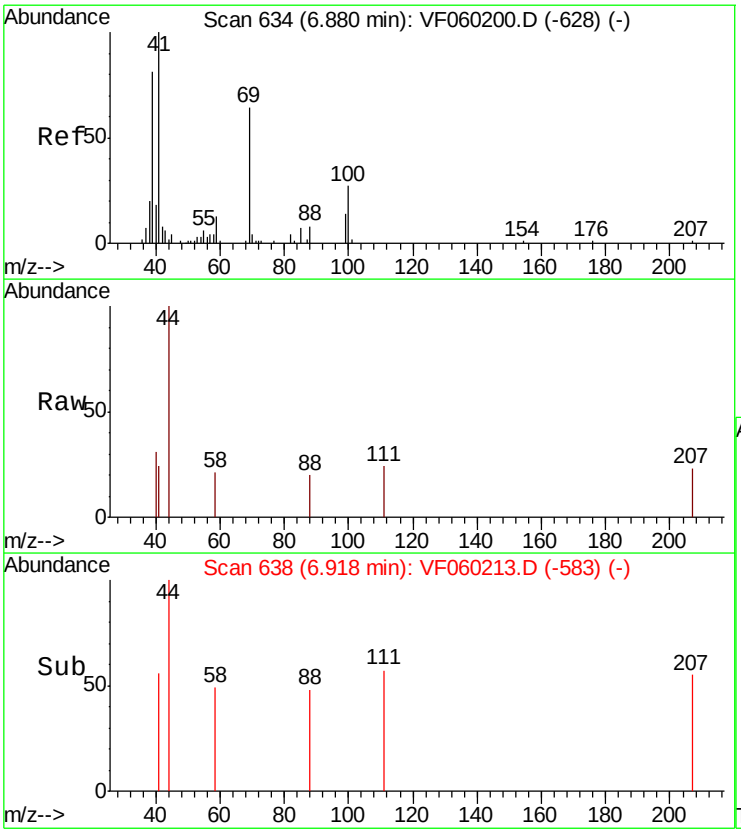
#39
Methylcyclohexane
Concen: 1.442 ug/l
RT: 5.76 min Scan# 521
Delta R.T. 0.15 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

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

Tgt Ion: 83 Resp: 2033

Ion	Ratio	Lower	Upper
83	100		
55	43.3	79.0	118.4#
98	0.0	36.7	55.1#

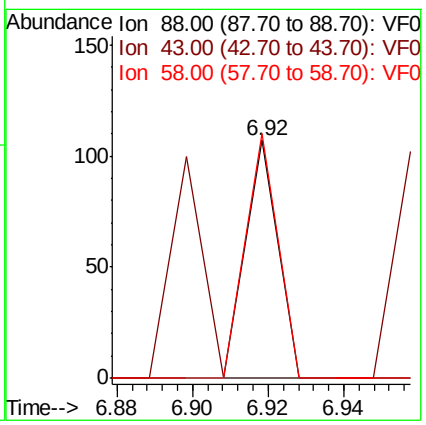


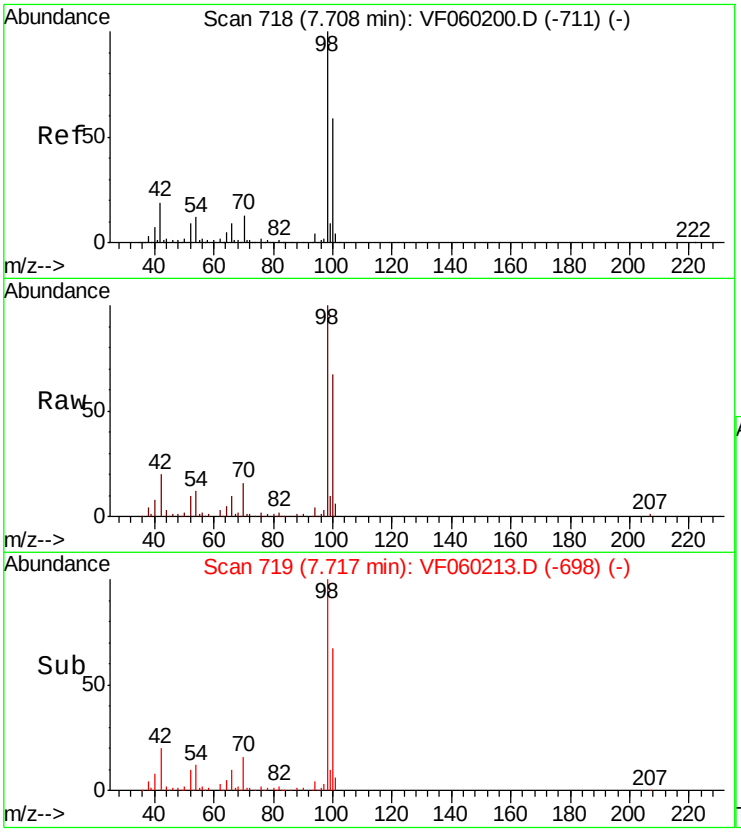


#49
1,4-Dioxane
Concen: 5.513 ug/l
RT: 6.92 min Scan# 638
Delta R.T. 0.04 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
43	0.0	68.1	102.1#
58	102.8	38.1	57.1#



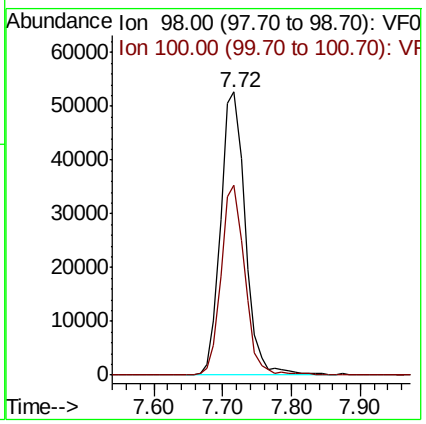


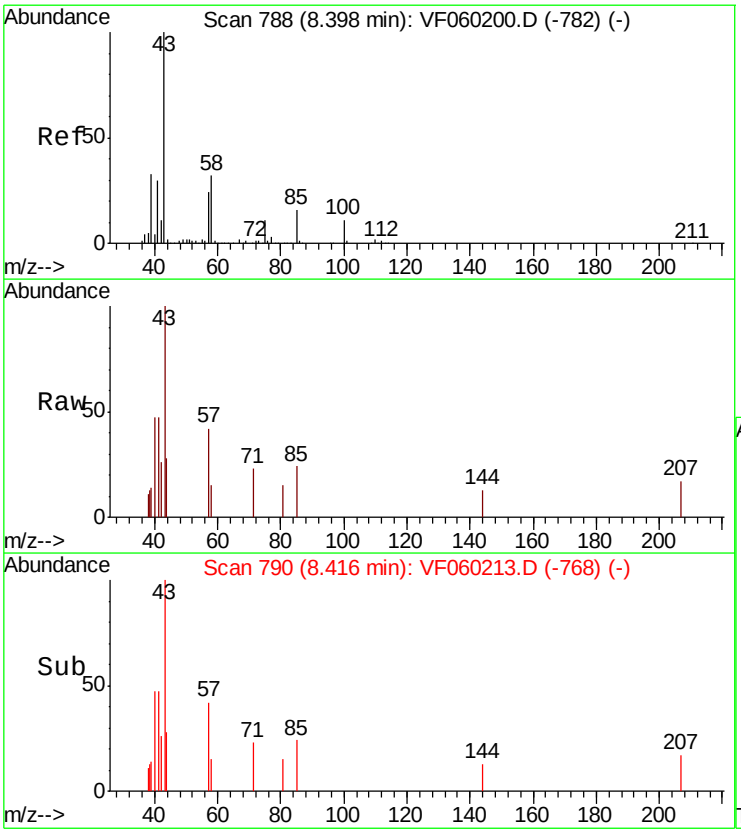
#50
Toluene-d8
Concen: 37.402 ug/l
RT: 7.72 min Scan# 719
Delta R.T. 0.01 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

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

Tgt Ion: 98 Resp: 130762

Ion	Ratio	Lower	Upper
98	100		
100	67.2	47.4	71.0

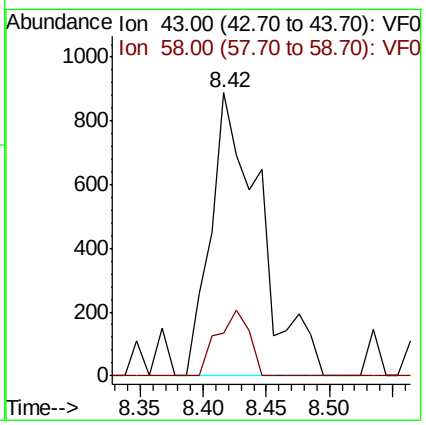


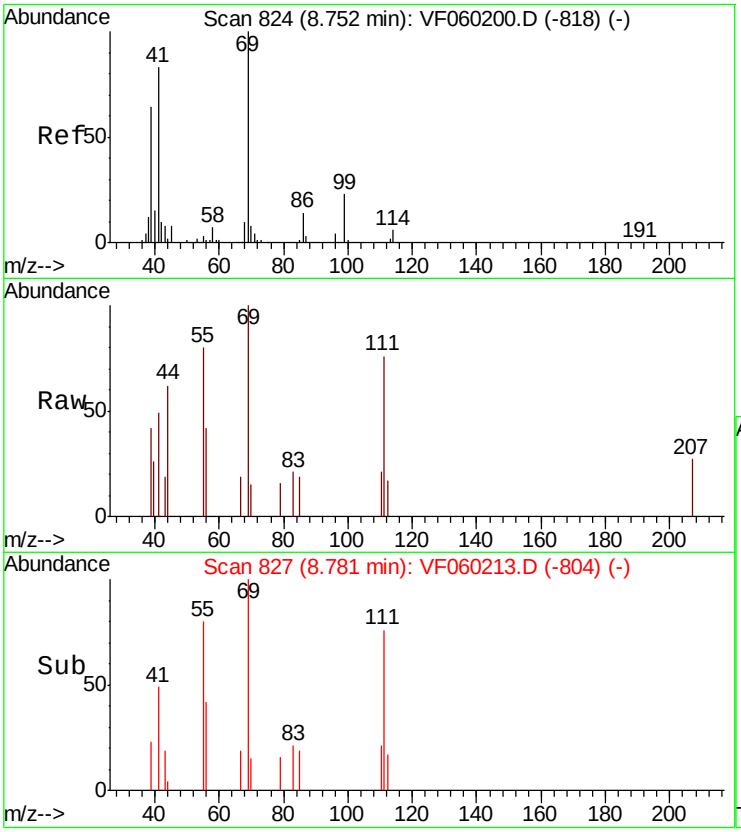


#51
4-Methyl-2-Pentanone
Concen: 2.795 ug/l
RT: 8.42 min Scan# 790
Delta R.T. 0.02 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

Tgt Ion: 43 Resp: 2431

Ion	Ratio	Lower	Upper
43	100		
58	15.2	25.8	38.6#



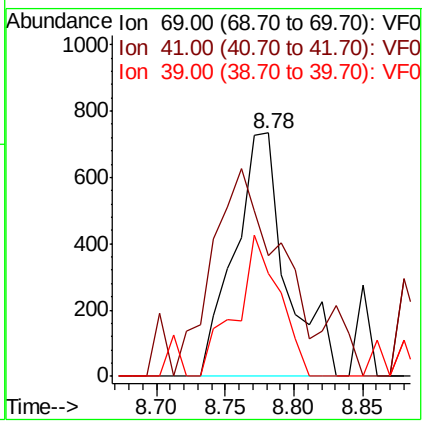


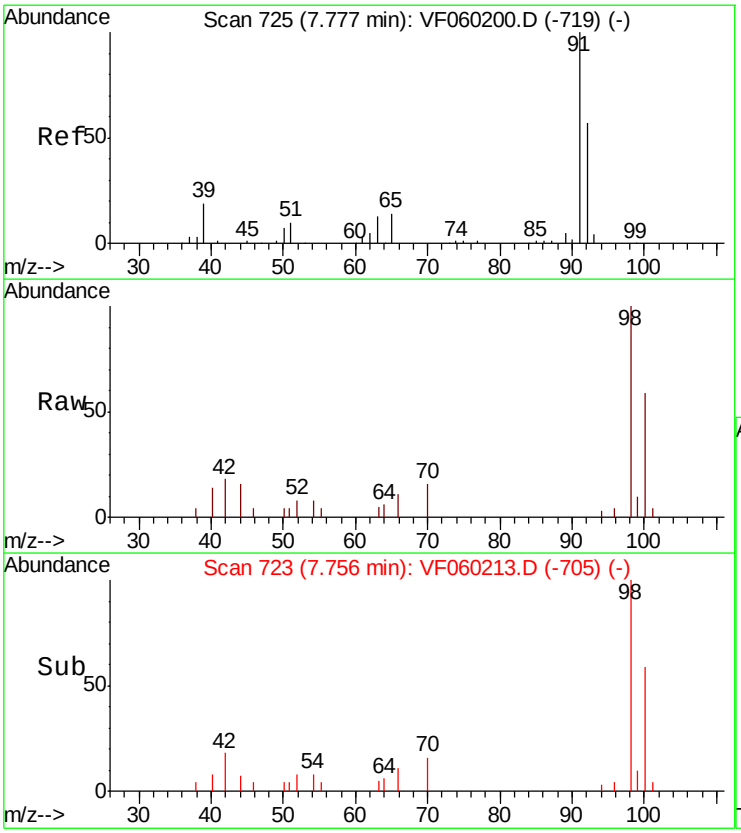
#56
Ethyl methacrylate
Concen: 1.974 ug/l
RT: 8.78 min Scan# 827
Delta R.T. 0.03 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

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

Tgt Ion: 69 Resp: 1928

Ion	Ratio	Lower	Upper
69	100		
41	49.5	66.6	100.0#
39	42.2	51.5	77.3#

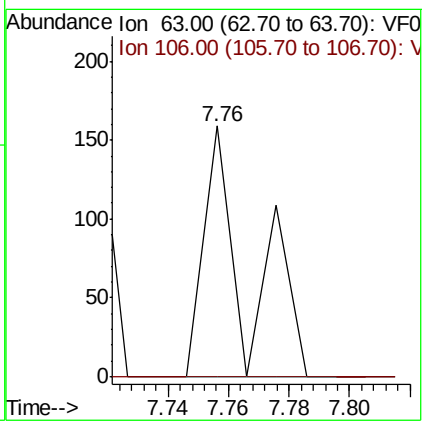


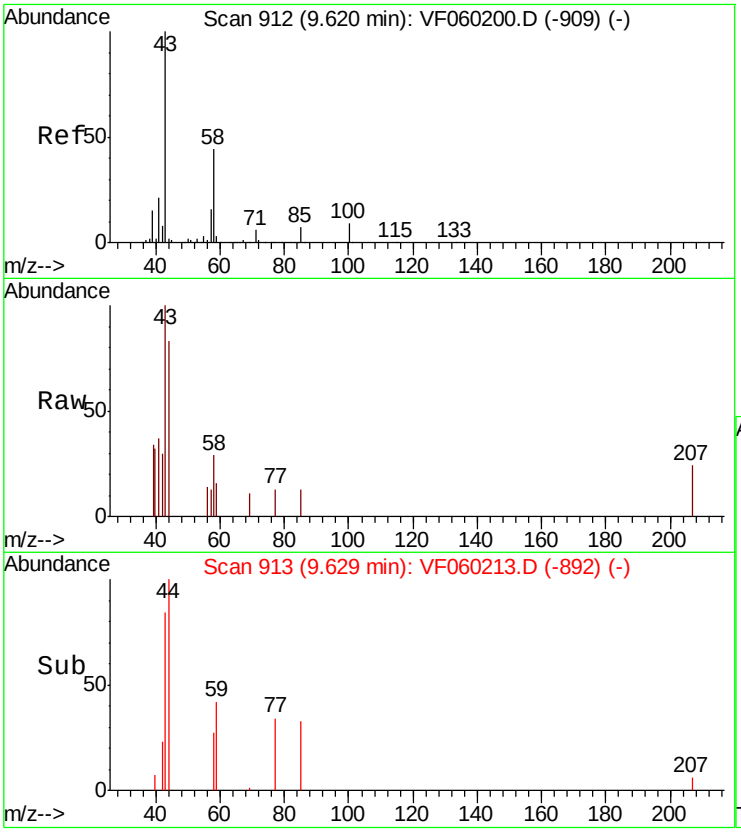


#58
2-Chloroethyl Vinyl ether
Concen: 1.505 ug/l
RT: 7.76 min Scan# 723
Delta R.T. -0.02 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

Tgt Ion: 63 Resp: 158

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



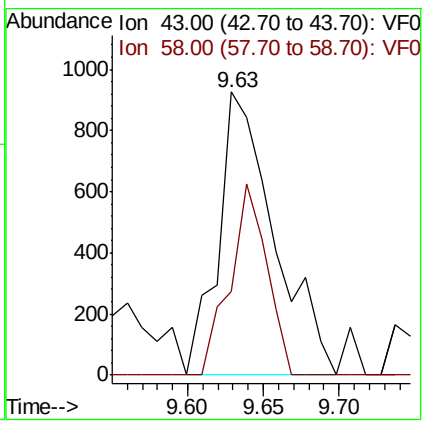


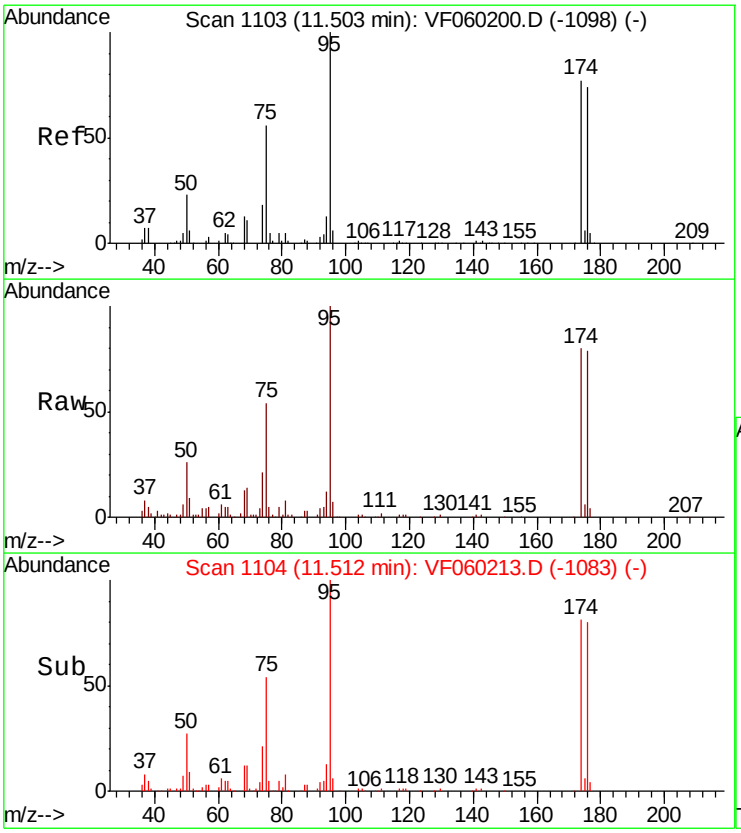
#59
2-Hexanone
Concen: 2.510 ug/l
RT: 9.63 min Scan# 913
Delta R.T. 0.01 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

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

Tgt Ion: 43 Resp: 2389

Ion	Ratio	Lower	Upper
43	100		
58	29.4	20.8	62.5

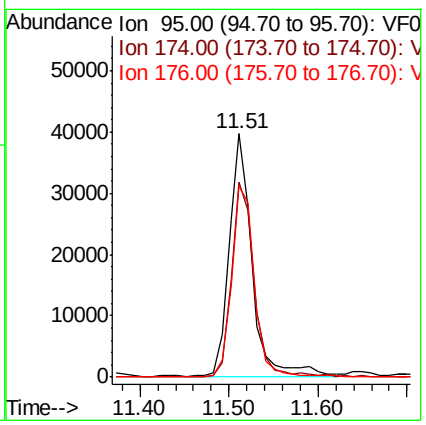


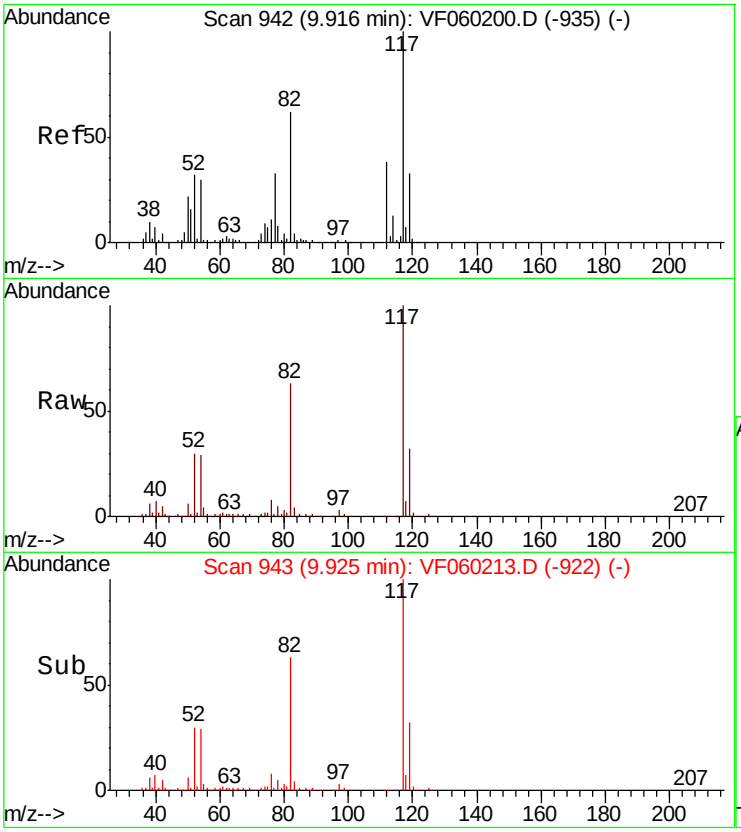


#62
4-Bromofluorobenzene
Concen: 36.396 ug/l
RT: 11.51 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

Tgt Ion: 95 Resp: 71793

Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	153.2
176	78.5	0.0	147.2



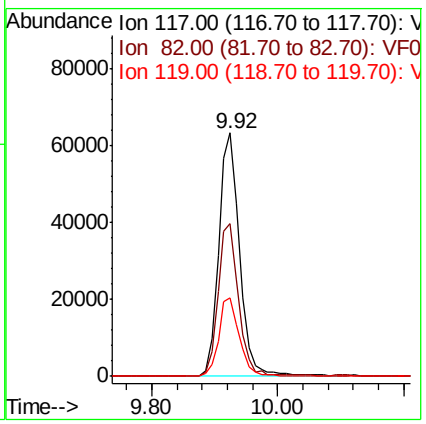


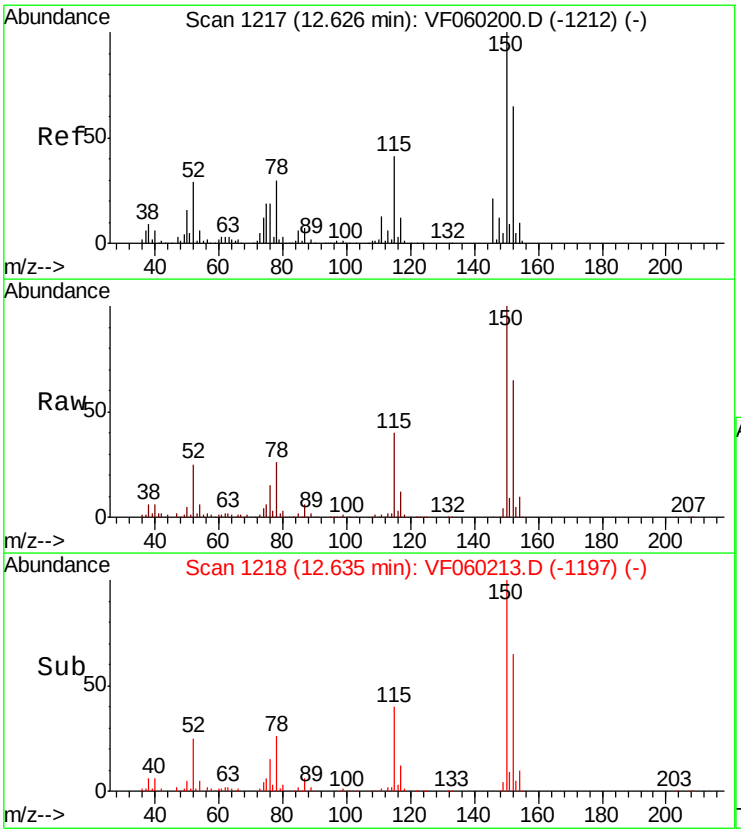
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 943
Delta R.T. 0.01 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

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

Tgt Ion:117 Resp: 146009

Ion	Ratio	Lower	Upper
117	100		
82	62.9	49.3	73.9
119	32.4	26.5	39.7

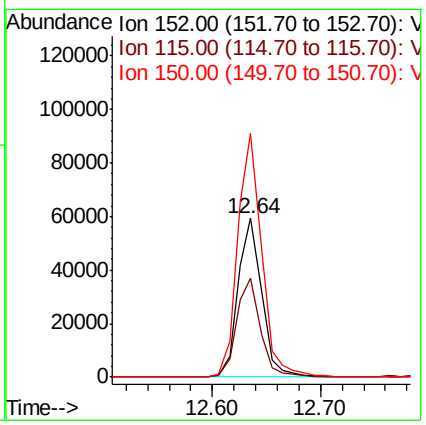


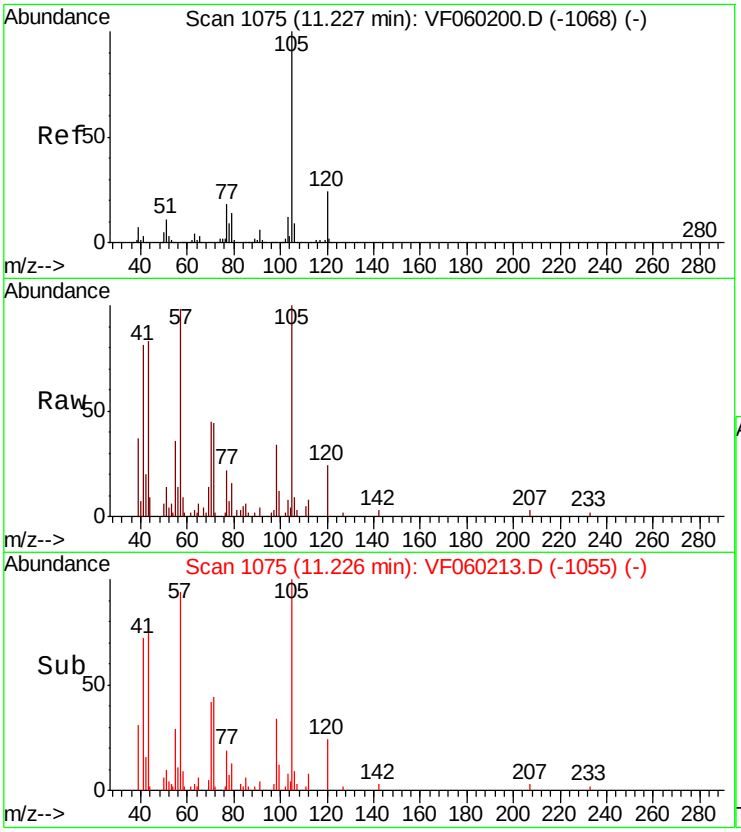


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1218
Delta R.T. 0.01 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

Tgt Ion:152 Resp: 90479

Ion	Ratio	Lower	Upper
152	100		
115	62.0	31.5	94.5
150	153.2	0.0	310.4



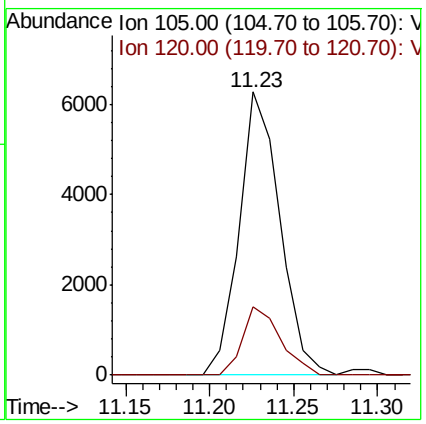


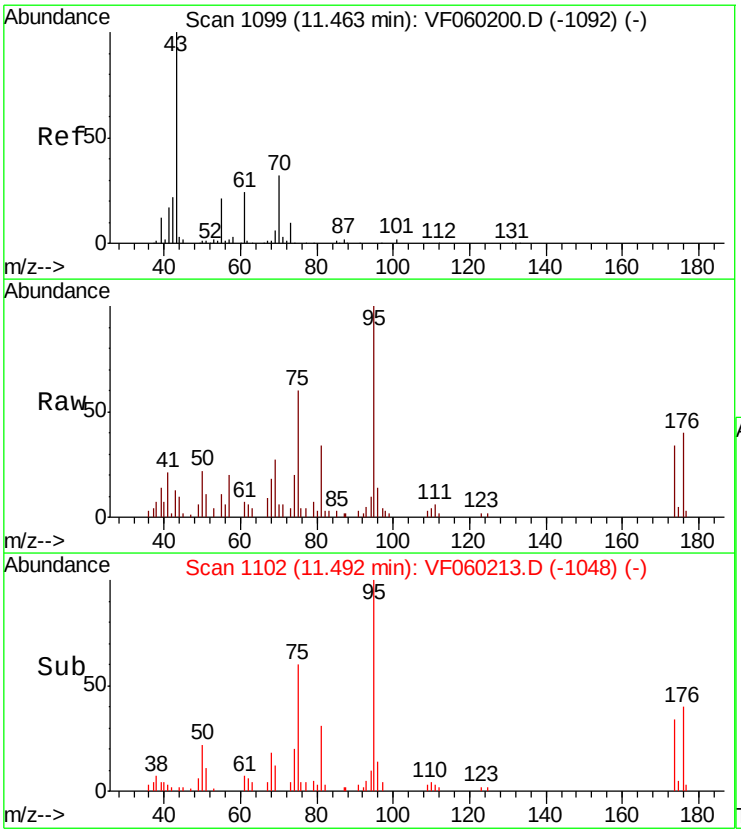
#73
Isopropylbenzene
Concen: 1.689 ug/l
RT: 11.23 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

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

Tgt Ion:105 Resp: 10542

Ion	Ratio	Lower	Upper
105	100		
120	24.1	11.8	35.3

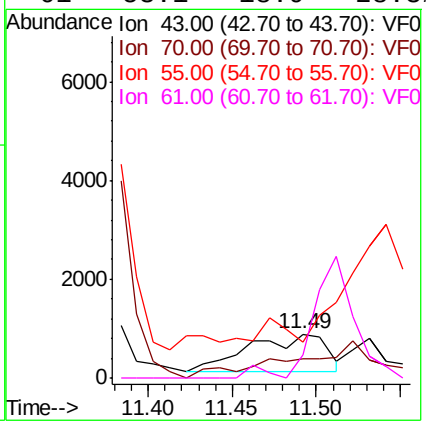


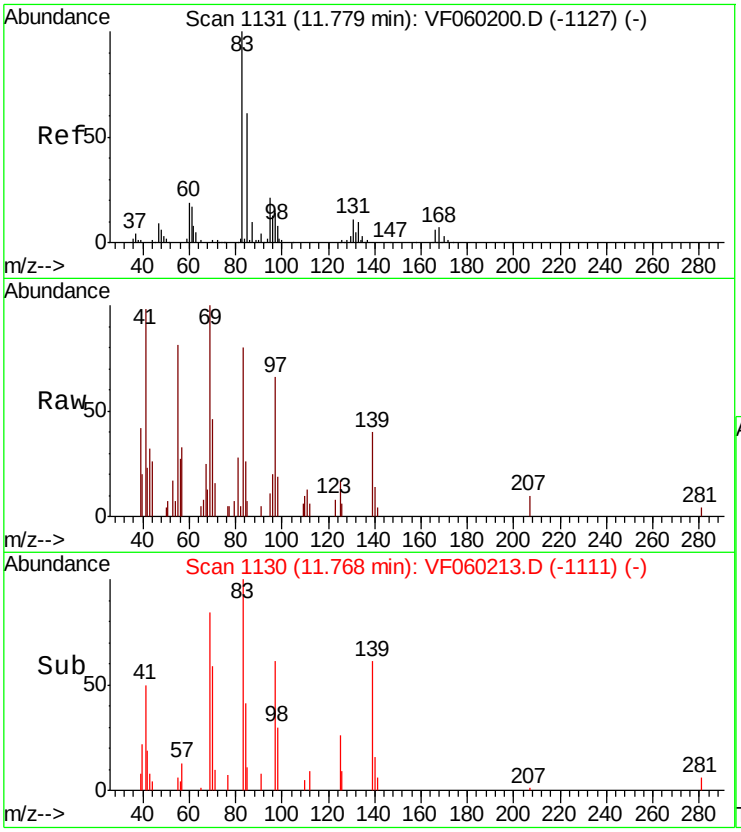


#74
N-amyl acetate
Concen: 6.609 ug/l
RT: 11.49 min Scan# 1102
Delta R.T. 0.03 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

Tgt Ion: 43 Resp: 2493

Ion	Ratio	Lower	Upper
43	100		
70	44.9	25.8	38.6#
55	81.3	16.8	25.2#
61	53.1	18.9	28.3#



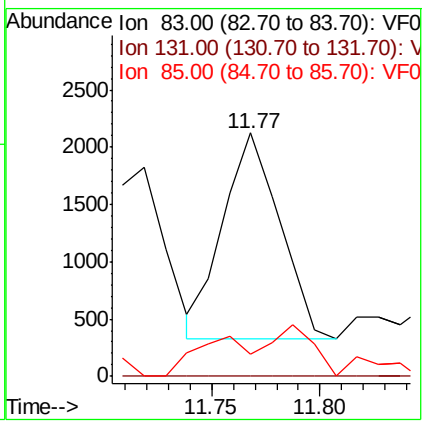


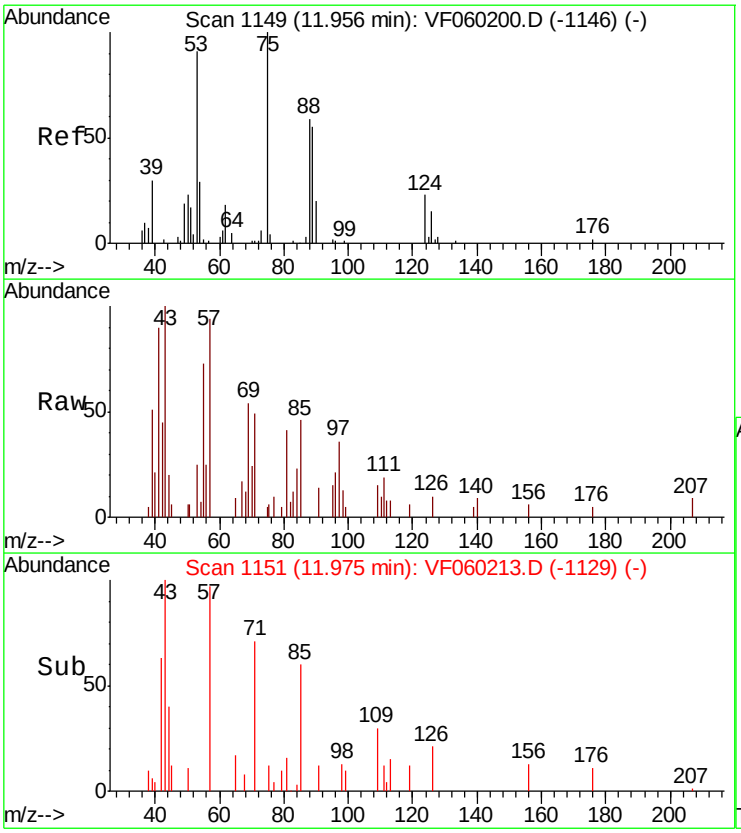
#75
1,1,2,2-Tetrachloroethane
Concen: 3.537 ug/l
RT: 11.77 min Scan# 1130
Delta R.T. -0.01 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

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

Tgt Ion: 83 Resp: 3320

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.4#
85	9.0	31.1	93.5#

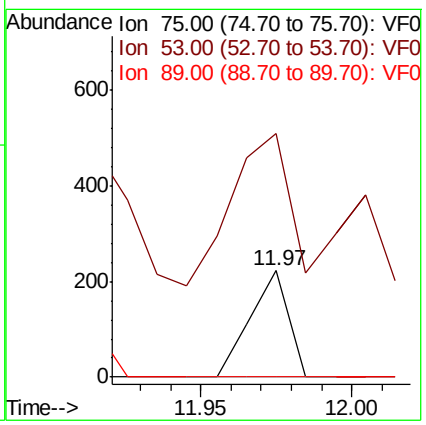


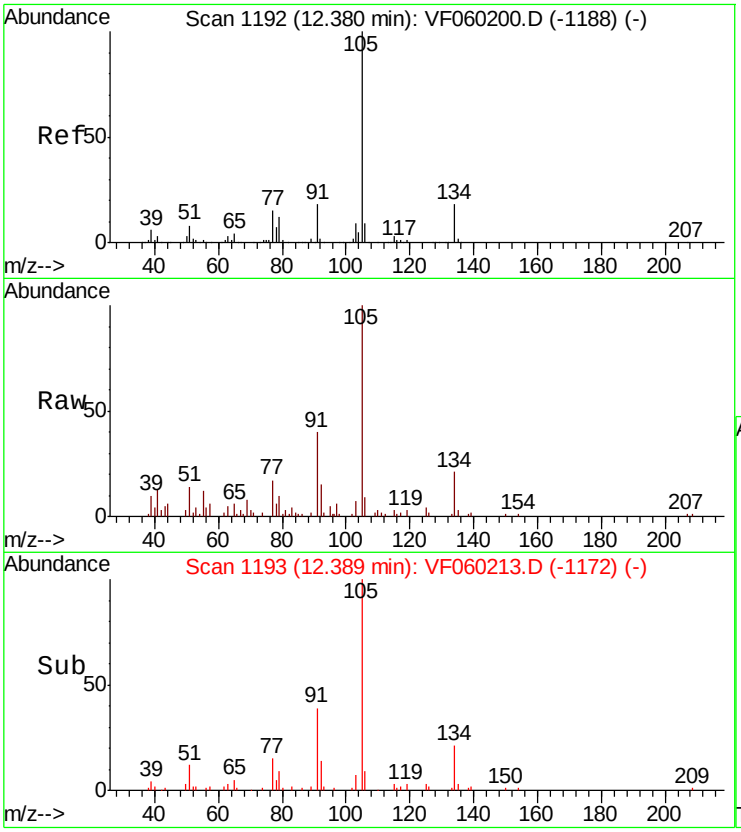


#81
trans-1,4-Dichloro-2-butene
Concen: 3.352 ug/l
RT: 11.97 min Scan# 1151
Delta R.T. 0.02 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

Tgt Ion: 75 Resp: 198

Ion	Ratio	Lower	Upper
75	100		
53	229.3	76.5	114.7#
89	0.0	46.5	69.7#



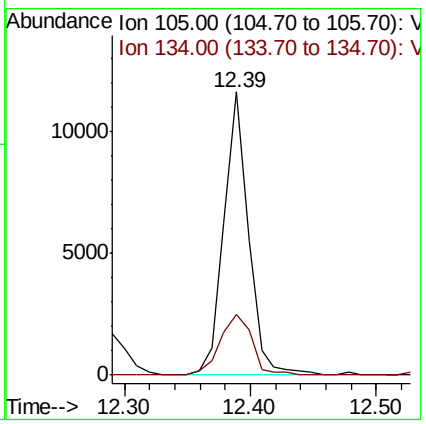


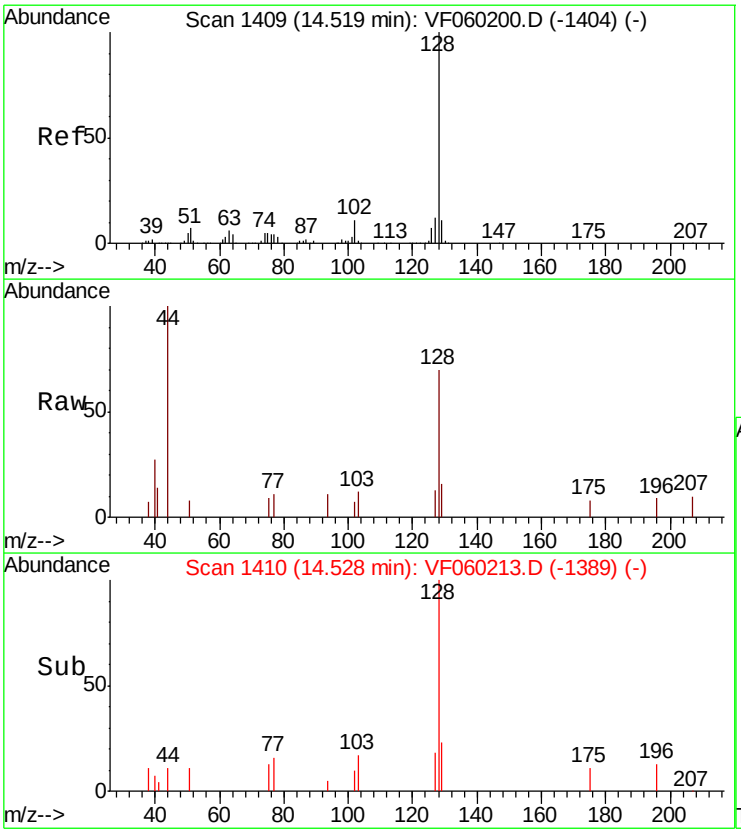
#85
sec-Butylbenzene
Concen: 2.268 ug/l
RT: 12.39 min Scan# 1193
Delta R.T. 0.01 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

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

Tgt Ion:105 Resp: 15708

Ion	Ratio	Lower	Upper
105	100		
134	21.3	8.8	26.5





#95
Naphthalene
Concen: 3.136 ug/l
RT: 14.53 min Scan# 1410
Delta R.T. 0.01 min
Lab File: VF060213.D
Acq: 7 Sep 2018 16:31

Tgt Ion:128 Resp: 1900

Ion	Ratio	Lower	Upper
128	100		
127	18.2	9.9	14.9#
129	22.5	8.9	13.3#