Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042619\
Data File : VF062311.D
Acq On : 26 Apr 2019 17:54
Operator : FY/SY
Sample : K2601-02RE
Misc : 6.63g/5mL/MSVOA F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-EF-01-008-ABCDRE

Quant Time: Apr 27 00:37:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.09	168	189829	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.81	114	253570	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.94	117	154034	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.64	152	68642	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	86573	56.30	ug/l	0.02
Spiked Amount 50.000			Recovery = 112.60%			
35) Dibromofluoromethane	4.35	113	101685	54.08	ug/l	0.02
Spiked Amount 50.000			Recovery = 108.16%			
50) Toluene-d8	7.75	98	186198	40.55	ug/l	0.02
Spiked Amount 50.000			Recovery = 81.10%			
62) 4-Bromofluorobenzene	11.52	95	70883	37.45	ug/l	0.01
Spiked Amount 50.000			Recovery = 74.90%			
Target Compounds						Qvalue
8) Diethyl Ether	1.84	74	655	1.264	ug/l	43
11) Tert butyl alcohol	2.71	59	2046	21.997	ug/l #	71
13) Acrolein	2.13	56	448	13.218	ug/l #	27
15) Acrylonitrile	3.10	53	943	3.660	ug/l #	76
16) Acetone	2.37	43	24965	72.515	ug/l #	86
20) Methylene Chloride	2.33	84	4650	Below Cal	#	75
29) Tetrahydrofuran	4.30	42	1032	4.303	ug/l #	73
41) Methacrylonitrile	4.99	41	641	1.172	ug/l #	26
43) Isopropyl Acetate	7.22	43	186	Below Cal	#	46
48) Methyl methacrylate	6.95	41	1024	1.420	ug/l #	38
49) 1,4-Dioxane	6.90	88	96	11.562	ug/l #	24
51) 4-Methyl-2-Pentanone	8.45	43	2094	2.700	ug/l	92
56) Ethyl methacrylate	8.80	69	2774	2.726	ug/l #	66
59) 2-Hexanone	9.65	43	2028	Below Cal		90
64) Tetrachloroethene	8.33	164	1549	1.202	ug/l #	55
68) m/p-Xylenes	10.29	106	2403	1.319	ug/l #	71
69) o-Xylene	10.84	106	2310	1.135	ug/l	83
74) N-amyl acetate	11.47	43	1211	1.118	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.77	83	794	1.063	ug/l #	58
80) 1,3,5-Trimethylbenzene	11.92	105	5171	1.302	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.95	75	489	2.064	ug/l #	36
86) p-Isopropyltoluene	12.54	119	5054	1.111	ug/l #	76
88) 1,4-Dichlorobenzene	12.64	146	5076	2.574	ug/l #	76
95) Naphthalene	14.52	128	4895	1.801	ug/l #	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042619\
Data File : VF062311.D
Acq On : 26 Apr 2019 17:54
Operator : FY/SY
Sample : K2601-02RE
Misc : 6.63g/5mL/MSVOA F/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-008-ABCDRE

Quant Time: Apr 27 00:37:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
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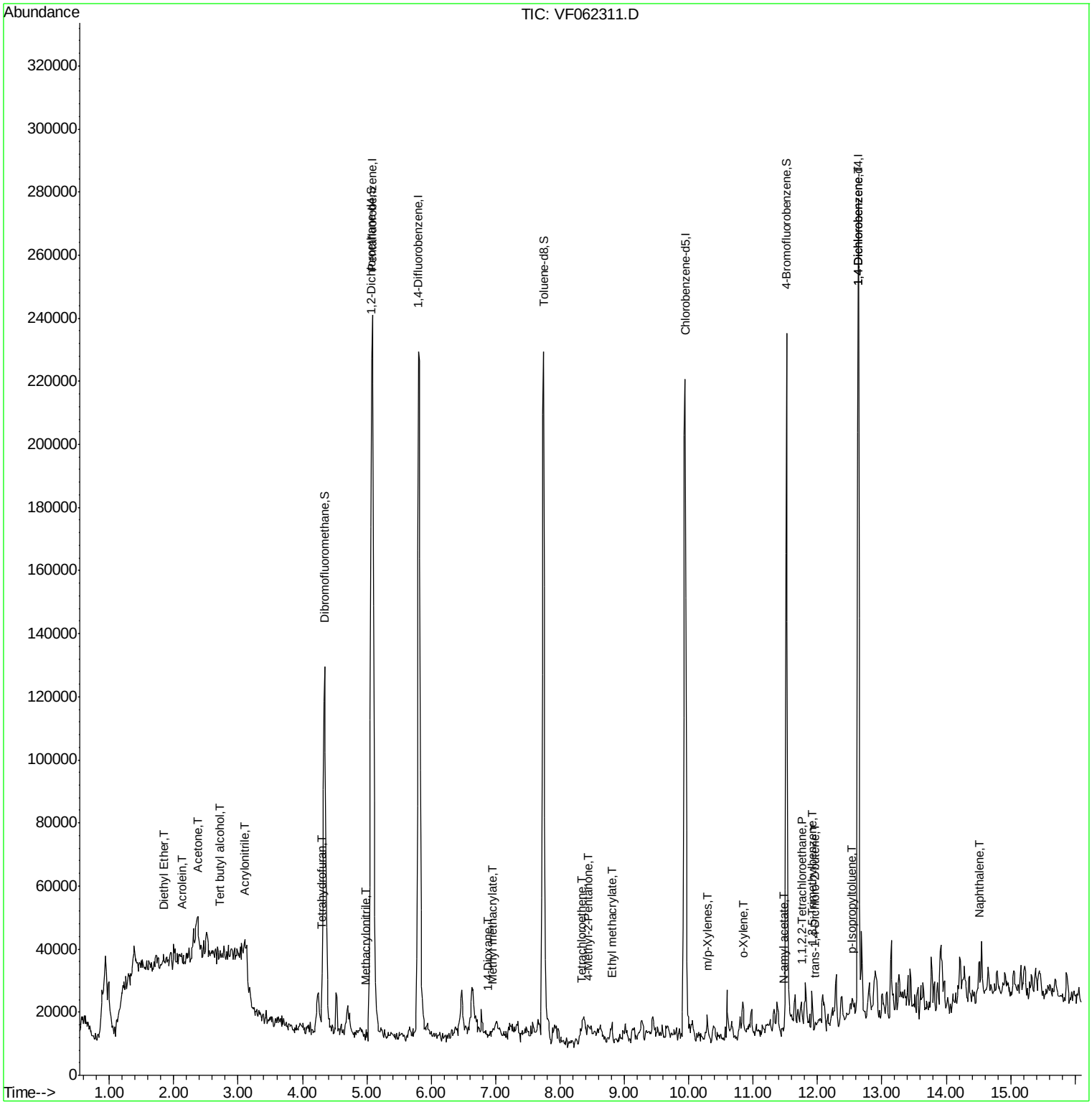
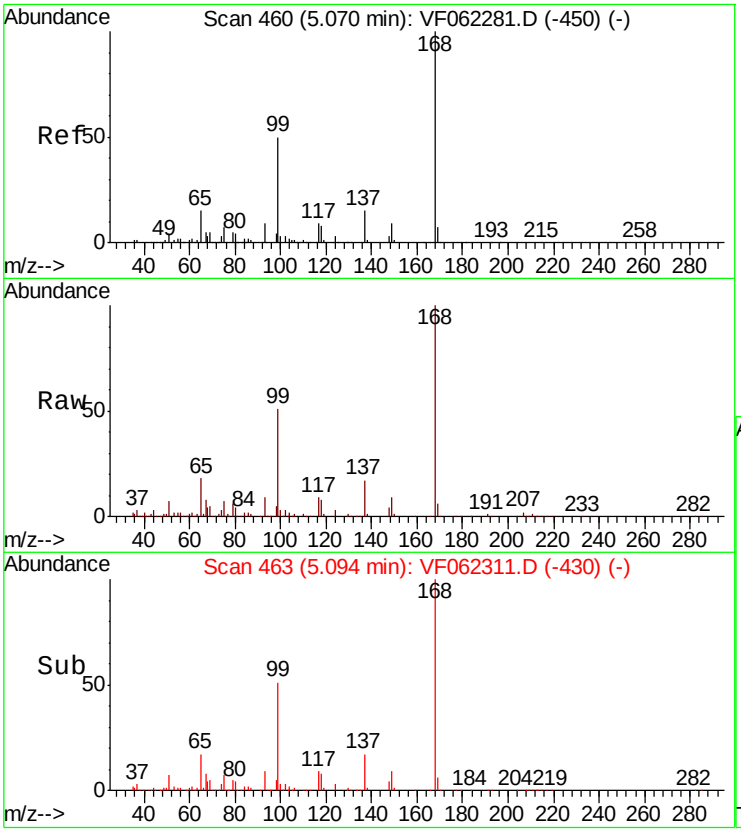


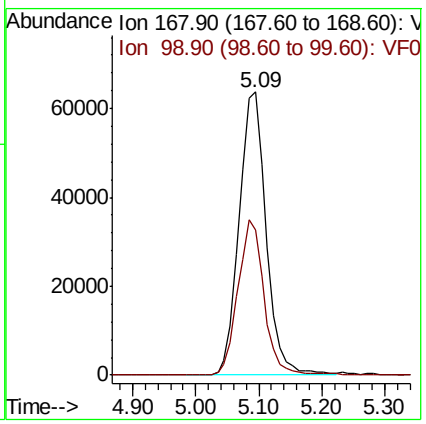


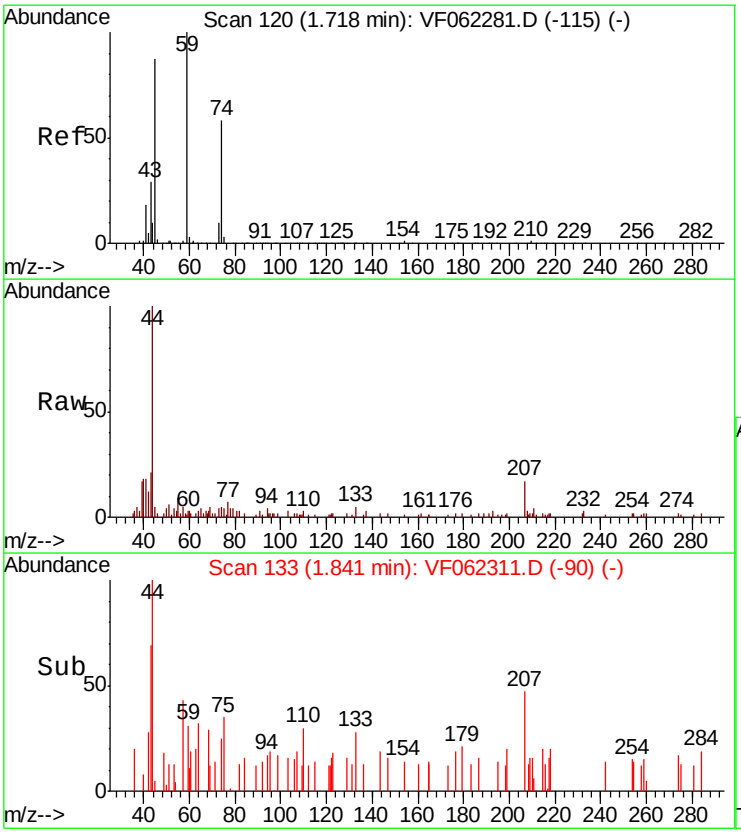
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.09 min Scan# 463
Delta R.T. 0.02 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-008-ABCDRE

Tgt Ion:168 Resp: 189829

Ion	Ratio	Lower	Upper
168	100		
99	51.3	40.0	60.0

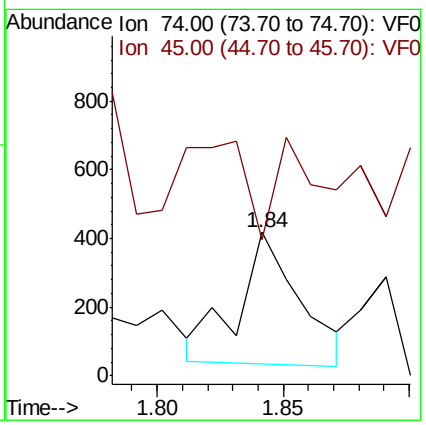


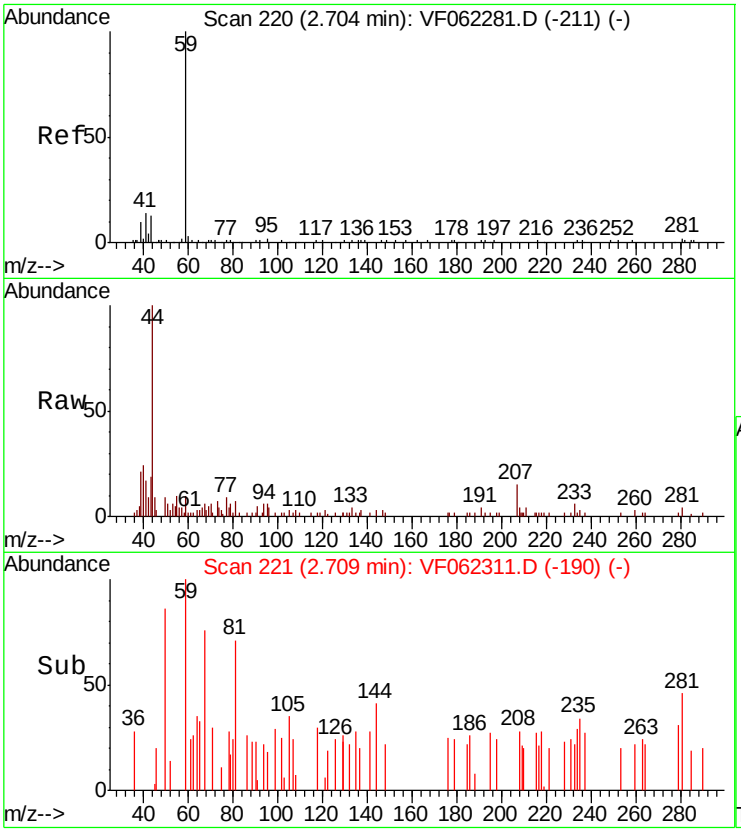


#8
Diethyl Ether
Concen: 1.264 ug/l
RT: 1.84 min Scan# 133
Delta R.T. 0.12 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Tgt Ion: 74 Resp: 655

Ion	Ratio	Lower	Upper
74	100		
45	75.7	74.0	222.0



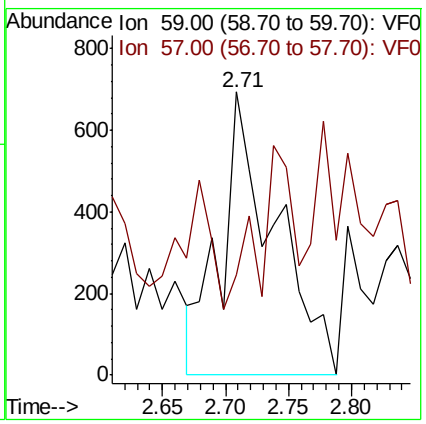


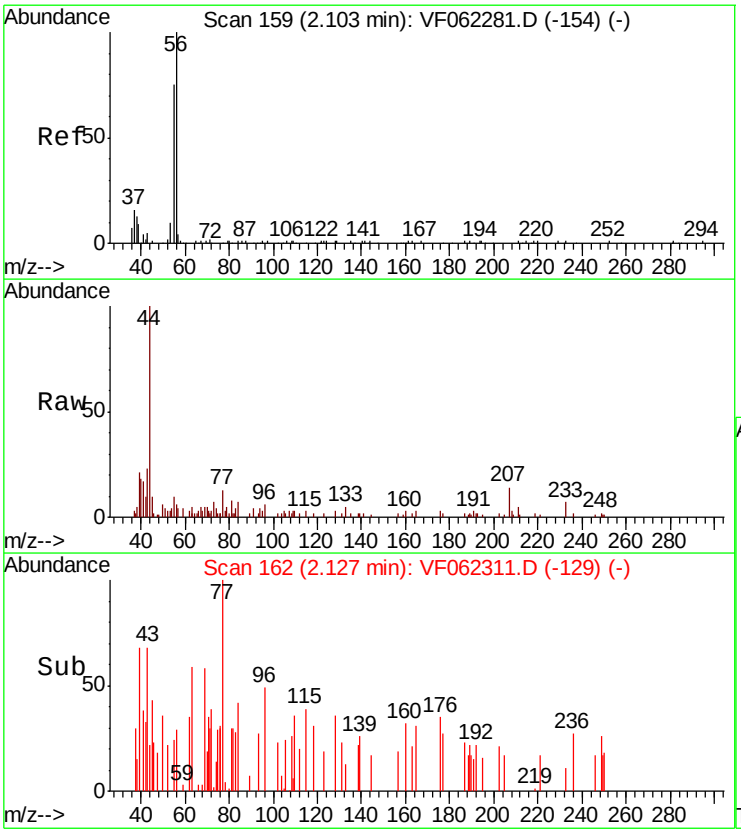
#11
Tert butyl alcohol
Concen: 21.997 ug/l
RT: 2.71 min Scan# 221
Delta R.T. 0.00 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-008-ABCDRE

Tgt Ion: 59 Resp: 2046

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.8	13.2#

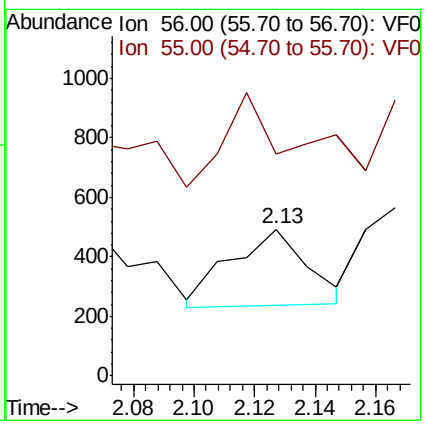


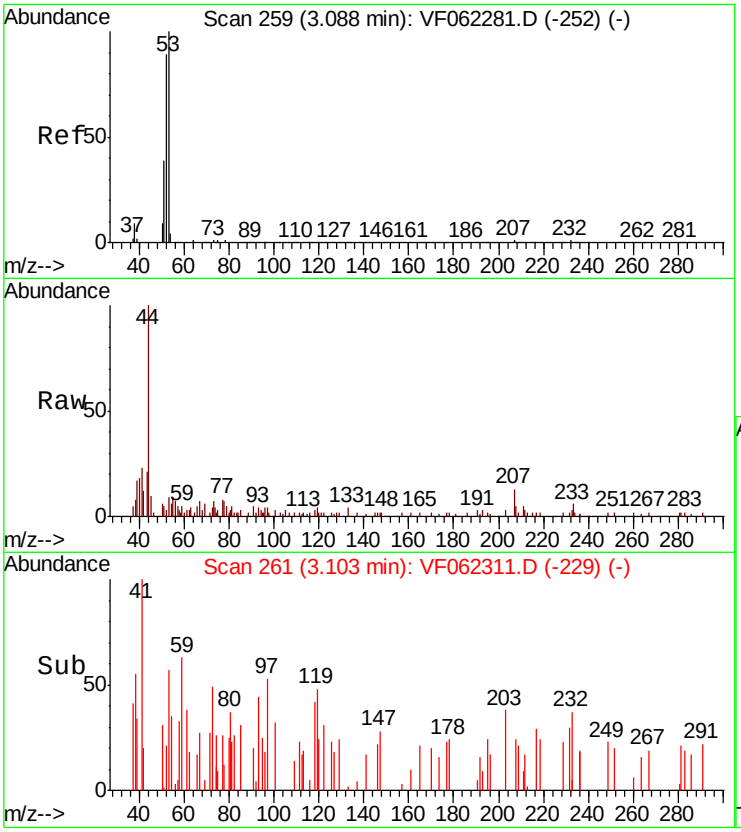


#13
Acrolein
Concen: 13.218 ug/l
RT: 2.13 min Scan# 162
Delta R.T. 0.03 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Tgt Ion: 56 Resp: 448

Ion	Ratio	Lower	Upper
56	100		
55	141.1	62.3	93.5#



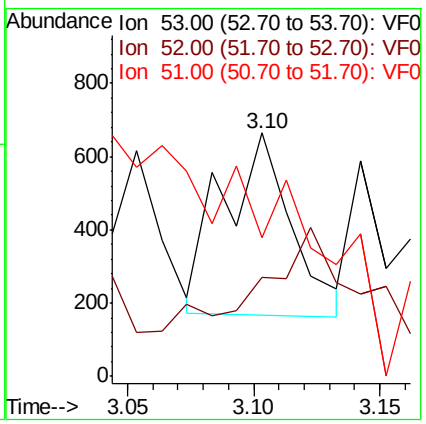


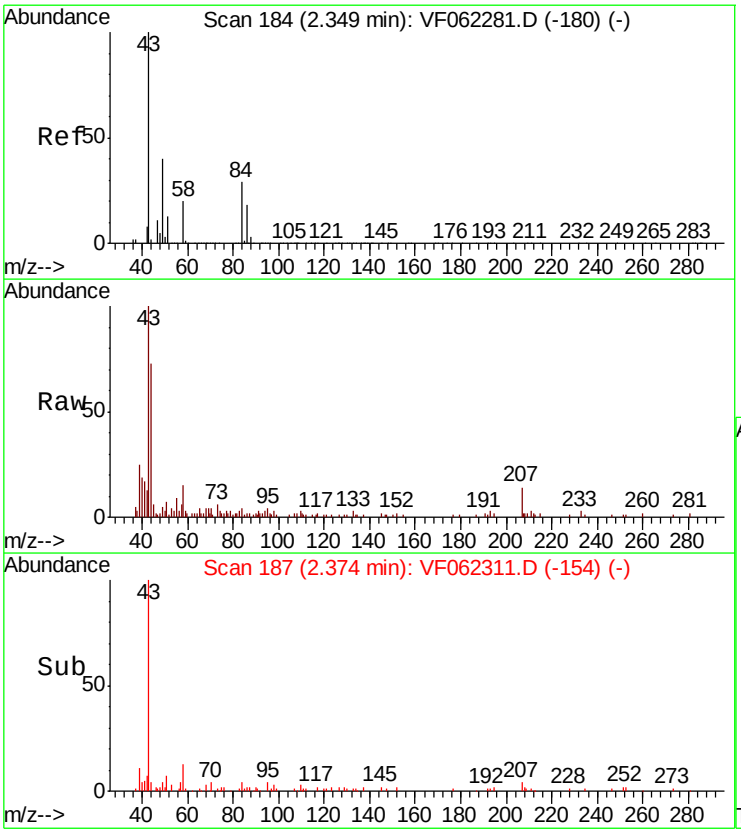
#15
Acrylonitrile
Concen: 3.660 ug/l
RT: 3.10 min Scan# 261
Delta R.T. 0.01 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-008-ABCDRE

Tgt Ion: 53 Resp: 943

Ion	Ratio	Lower	Upper
53	100		
52	83.9	70.6	105.8
51	0.0	32.6	48.8#

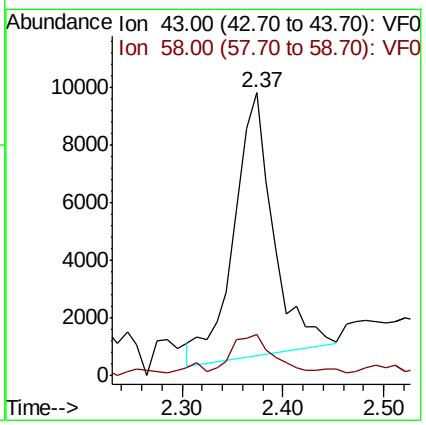


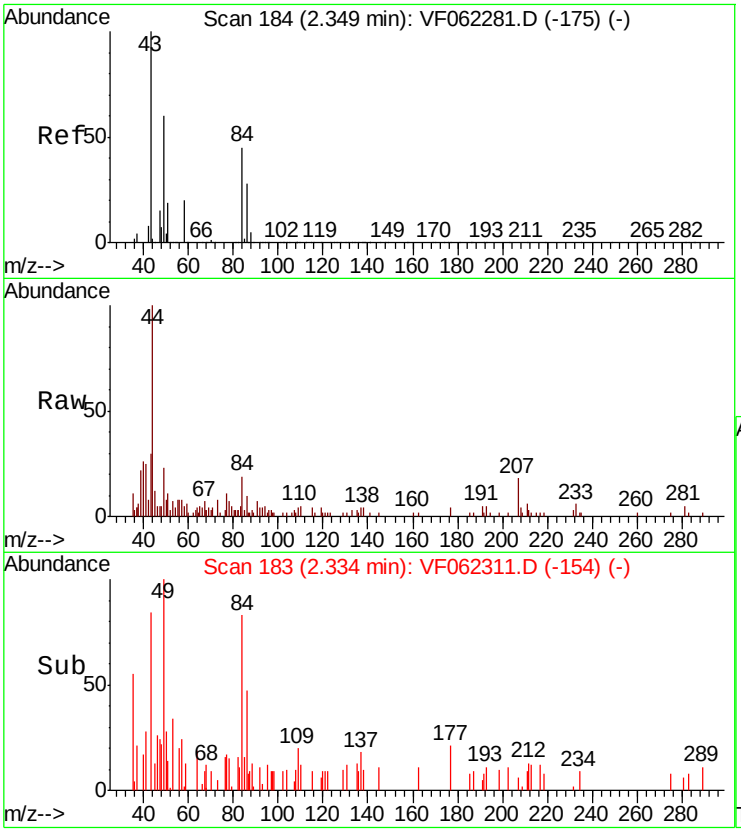


#16
Acetone
Concen: 72.515 ug/l
RT: 2.37 min Scan# 187
Delta R.T. 0.02 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Tgt Ion: 43 Resp: 24965

Ion	Ratio	Lower	Upper
43	100		
58	13.9	16.4	24.6#



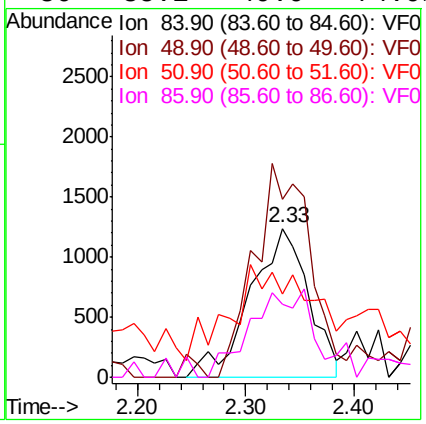


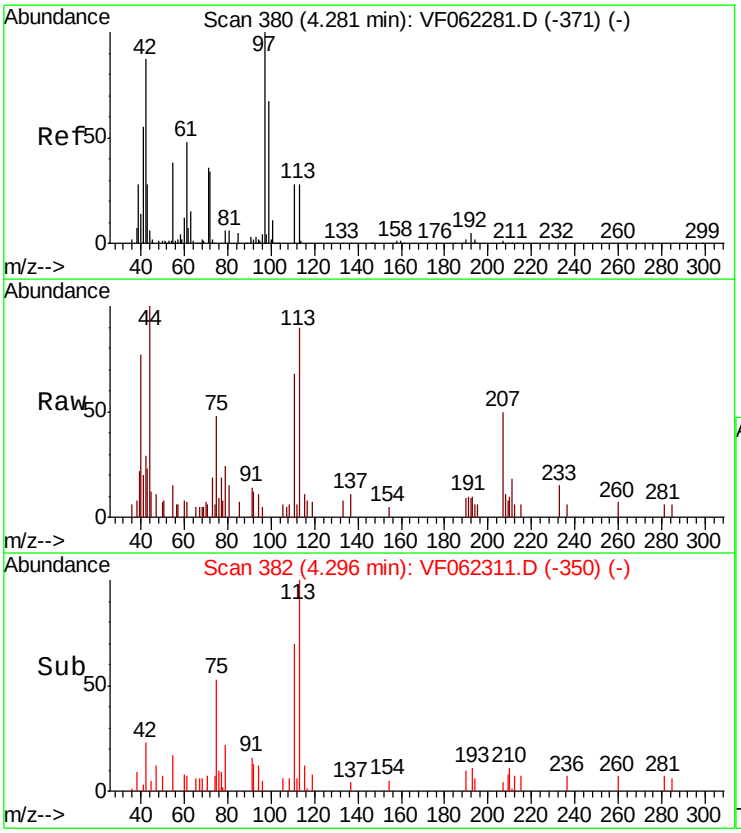
#20
Methylene Chloride
Concen: Below Cal
RT: 2.33 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Instrument : MSVOA_F
ClientSampleId : FK-EF-01-008-ABCDRE

Tgt Ion: 84 Resp: 4650

Ion	Ratio	Lower	Upper
84	100		
49	104.7	112.1	168.1#
51	45.0	35.9	53.9
86	35.1	49.9	74.9#

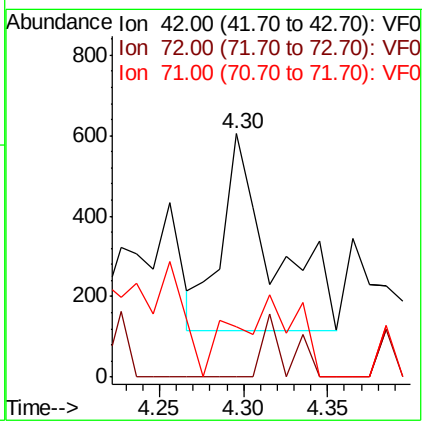


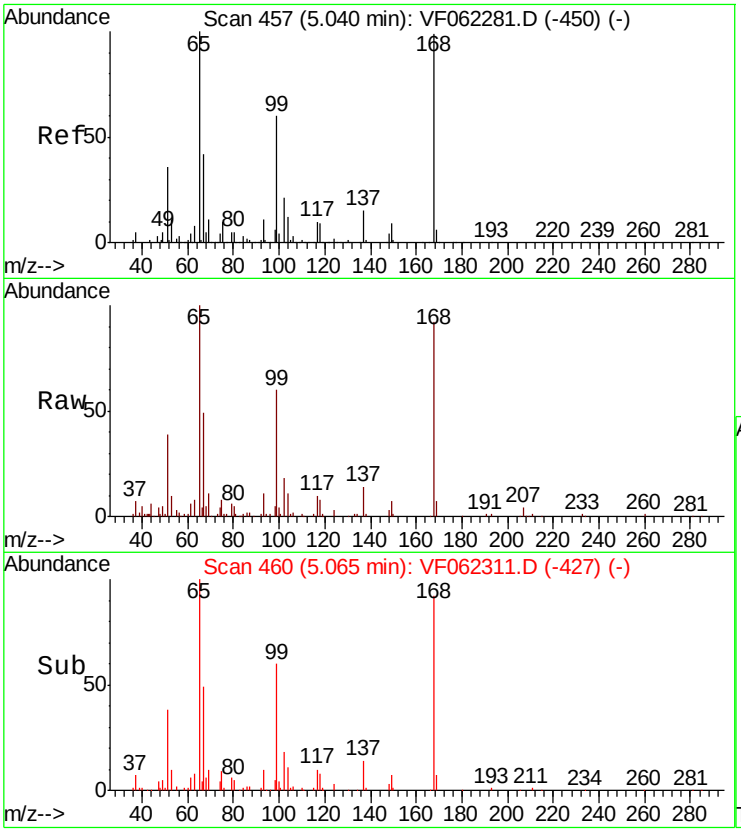


#29
Tetrahydrofuran
Concen: 4.303 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.01 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Tgt Ion: 42 Resp: 1032

Ion	Ratio	Lower	Upper
42	100		
72	15.1	29.3	43.9#
71	50.0	31.2	46.8#



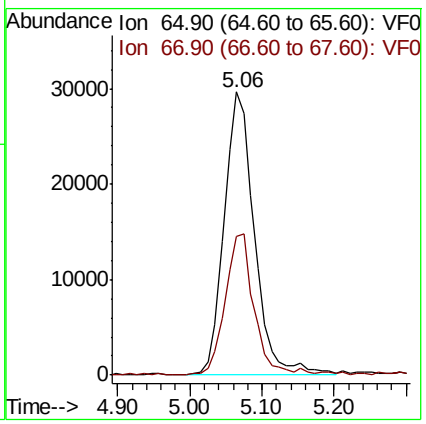


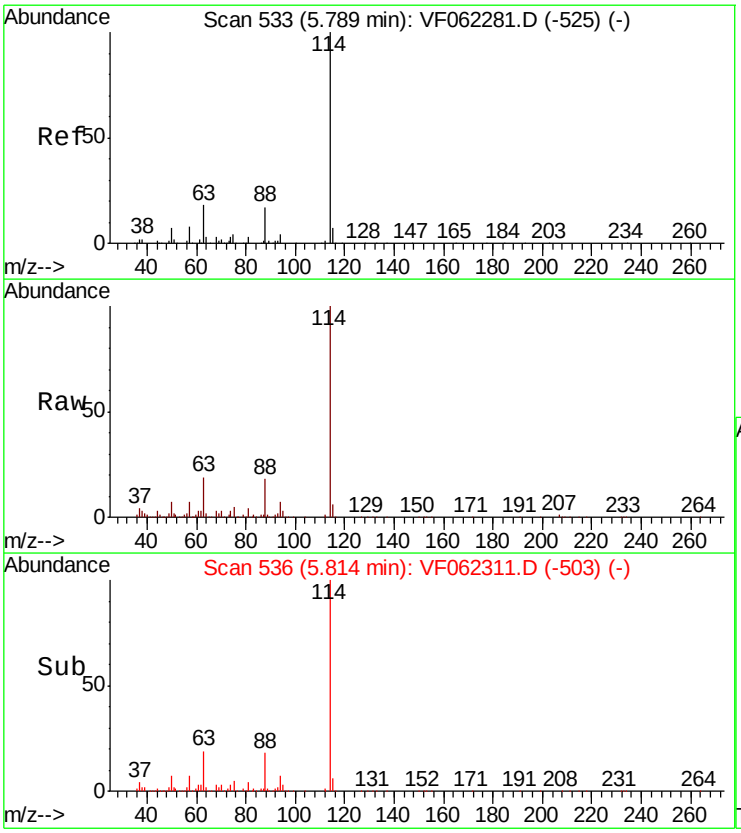
#33
1,2-Dichloroethane-d4
Concen: 56.303 ug/l
RT: 5.06 min Scan# 460
Delta R.T. 0.02 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-008-ABCDRE

Tgt Ion: 65 Resp: 86573

Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	98.8

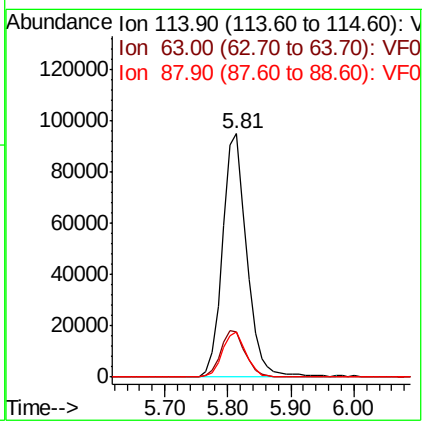


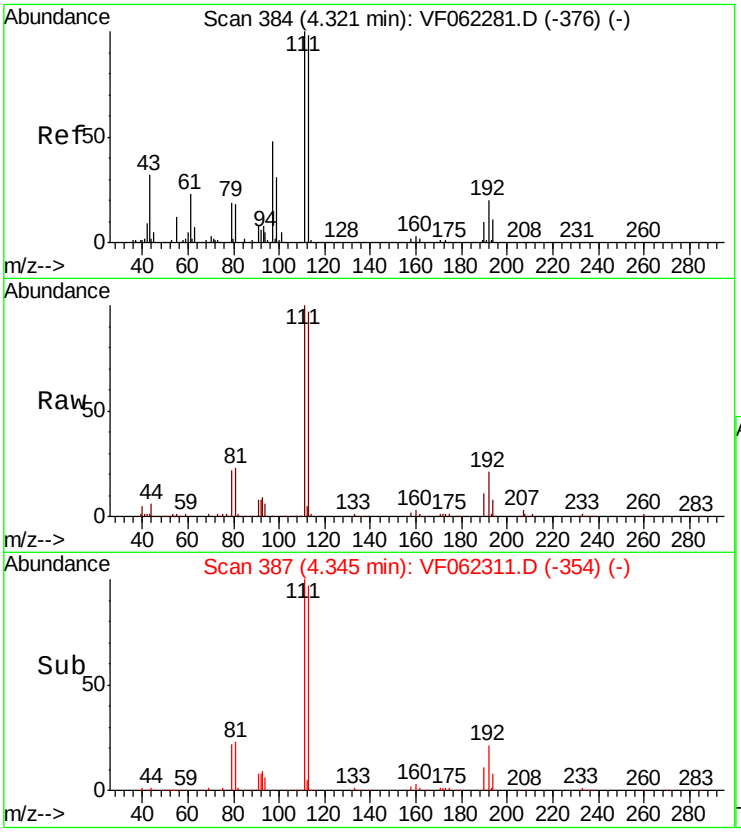


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.81 min Scan# 536
Delta R.T. 0.02 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Tgt Ion:114 Resp: 253570

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	35.6
88	18.3	0.0	34.6



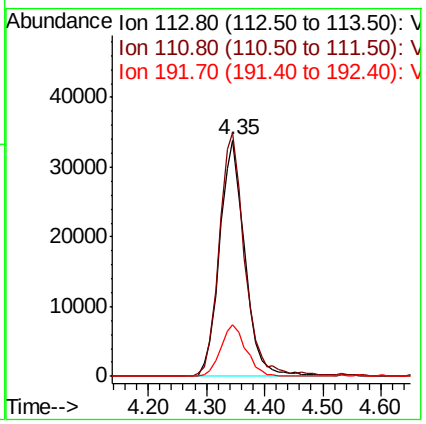


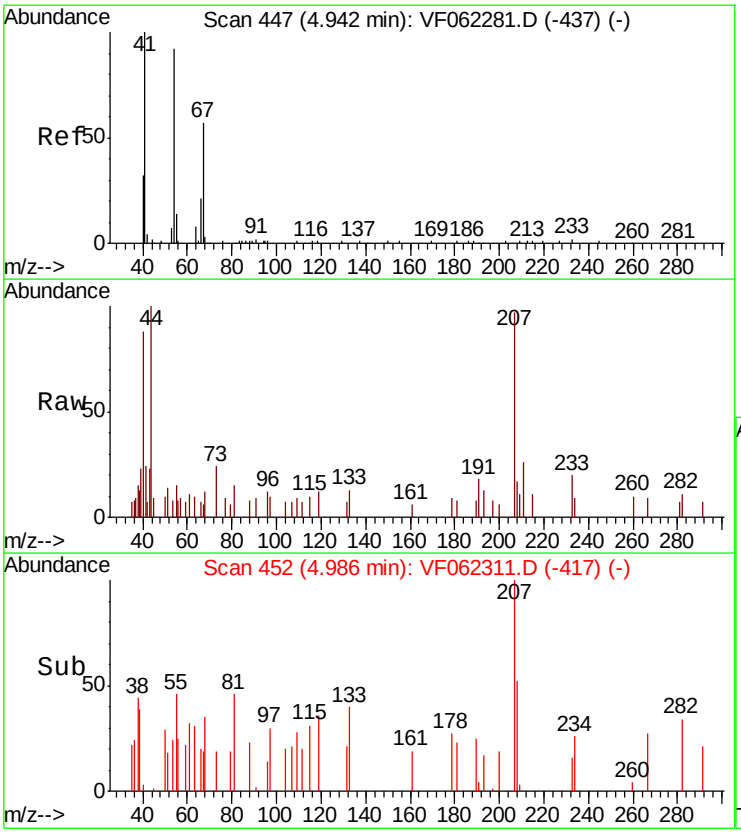
#35
Dibromofluoromethane
Concen: 54.085 ug/l
RT: 4.35 min Scan# 387
Delta R.T. 0.02 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-008-ABCDRE

Tgt Ion:113 Resp: 101685

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.2
192	21.9	17.0	25.4

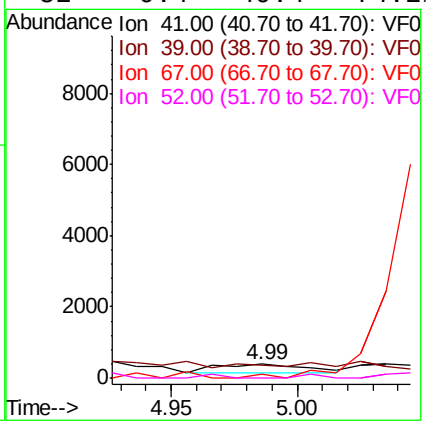


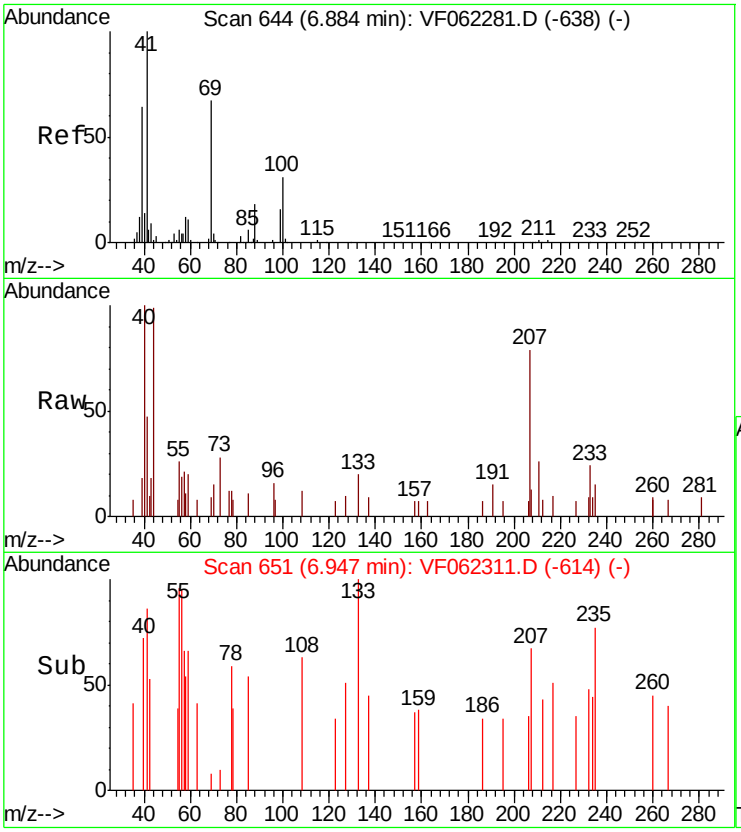


#41
Methacrylonitrile
Concen: 1.172 ug/l
RT: 4.99 min Scan# 452
Delta R.T. 0.04 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Tgt Ion: 41 Resp: 641

Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.3	70.9#
67	0.0	41.3	61.9#
52	9.4	49.4	74.2#



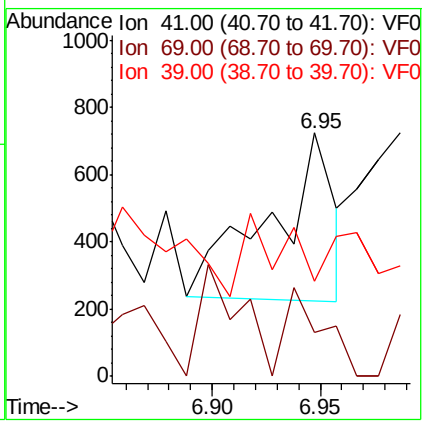


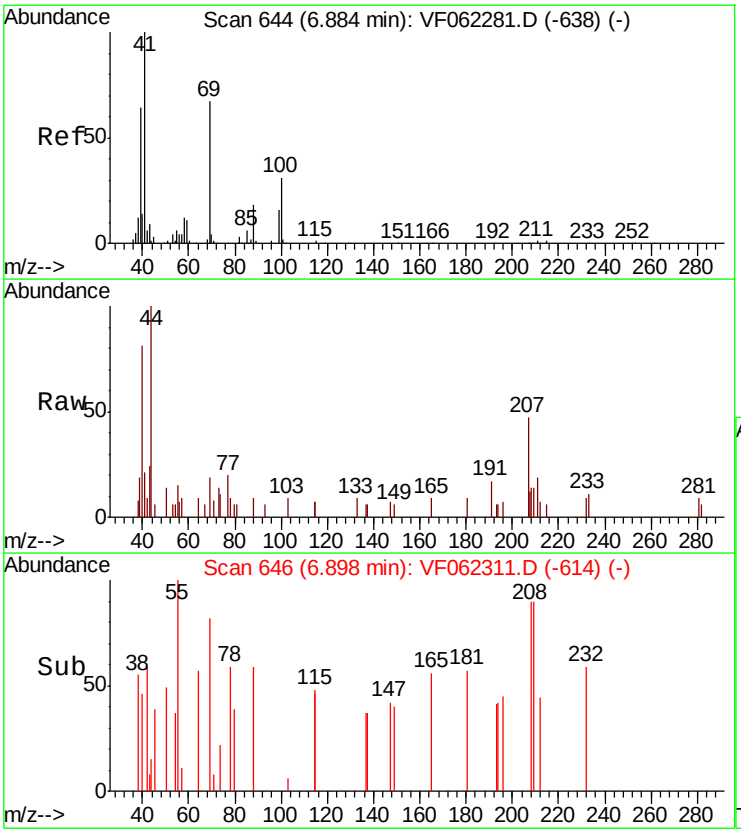
#48
Methyl methacrylate
Concen: 1.420 ug/l
RT: 6.95 min Scan# 651
Delta R.T. 0.06 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Instrument : MSVOA_F
ClientSampleId : FK-EF-01-008-ABCDRE

Tgt Ion: 41 Resp: 1024

Ion	Ratio	Lower	Upper
41	100		
69	31.4	53.4	80.2#
39	0.0	50.9	76.3#

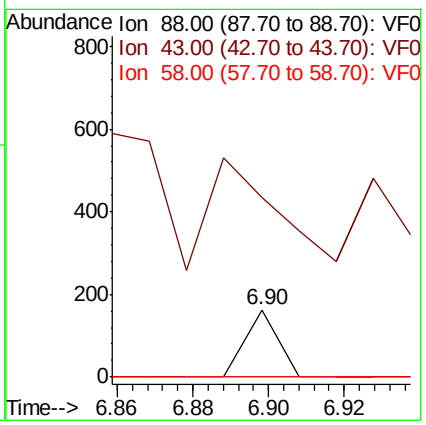


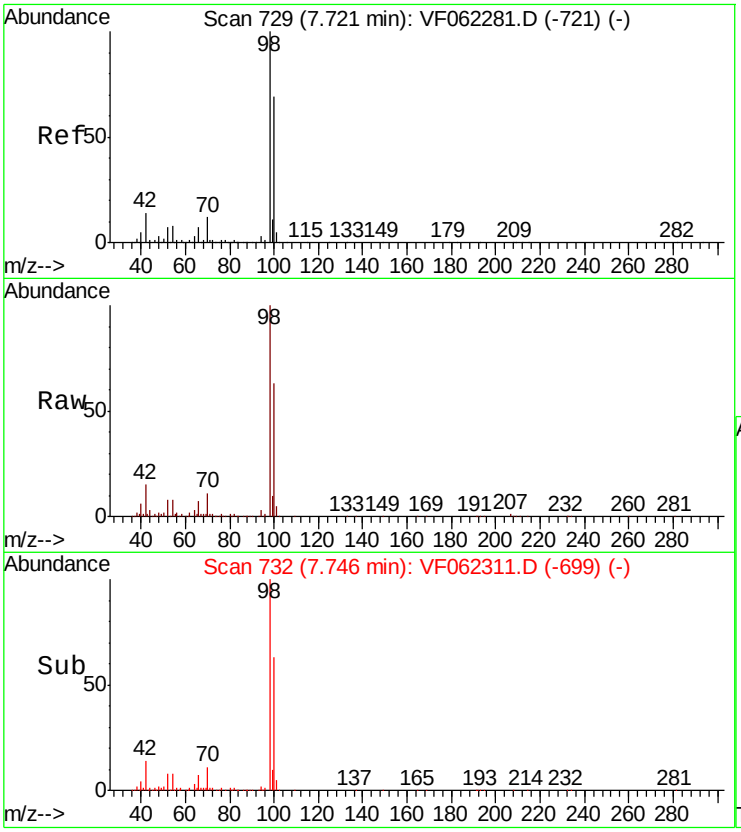


#49
1,4-Dioxane
Concen: 11.562 ug/l
RT: 6.90 min Scan# 646
Delta R.T. 0.01 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Tgt Ion: 88 Resp: 96

Ion	Ratio	Lower	Upper
88	100		
43	0.0	34.2	51.4#
58	0.0	50.7	76.1#



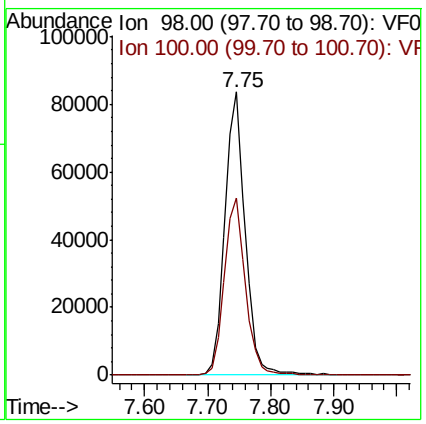


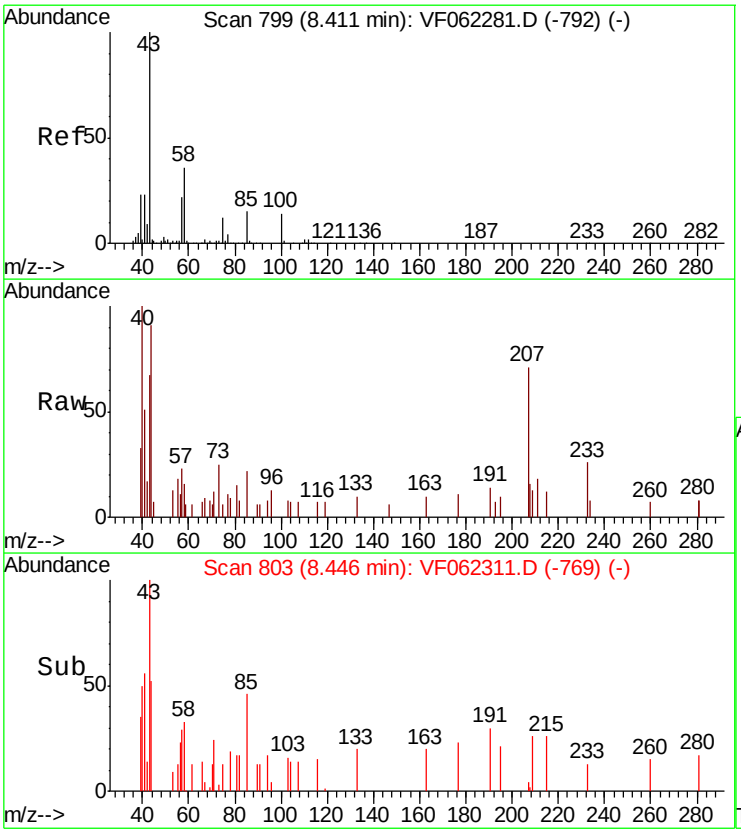
#50
Toluene-d8
Concen: 40.545 ug/l
RT: 7.75 min Scan# 732
Delta R.T. 0.02 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-008-ABCDRE

Tgt Ion: 98 Resp: 186198

Ion	Ratio	Lower	Upper
98	100		
100	65.4	54.4	81.6

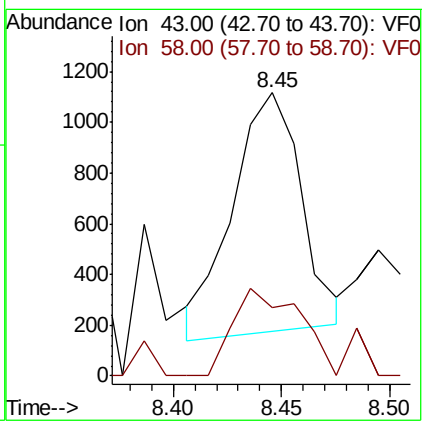


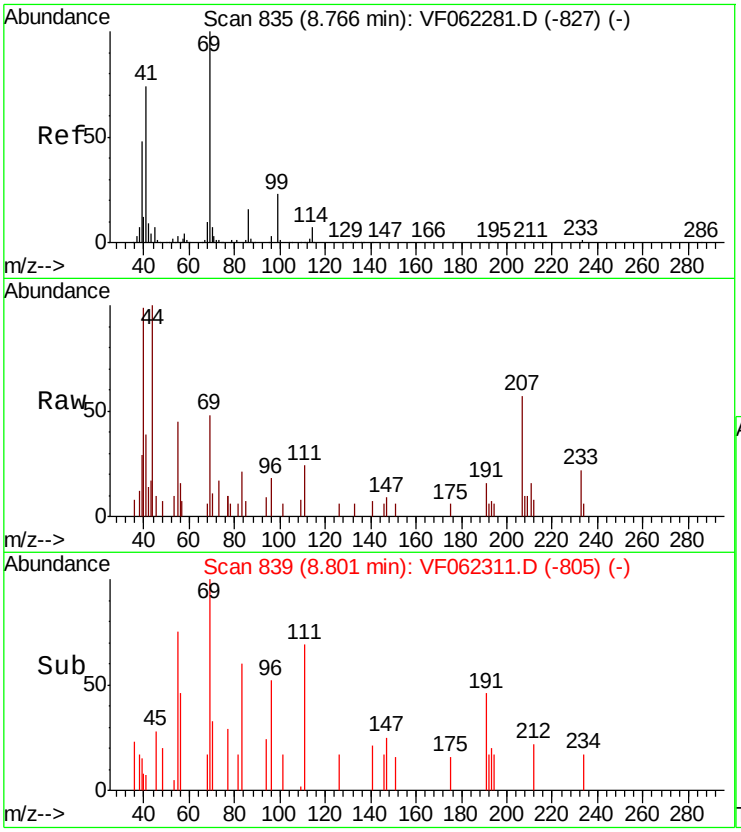


#51
4-Methyl-2-Pentanone
Concen: 2.700 ug/l
RT: 8.45 min Scan# 803
Delta R.T. 0.03 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Tgt Ion: 43 Resp: 2094

Ion	Ratio	Lower	Upper
43	100		
58	40.9	29.1	43.7



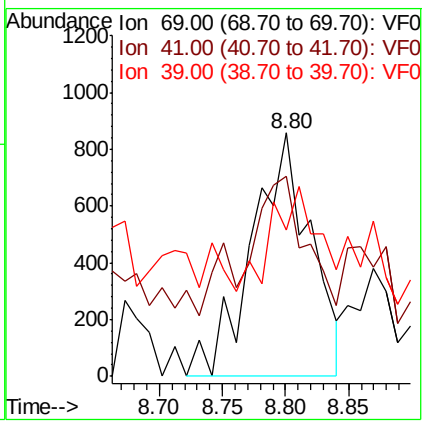


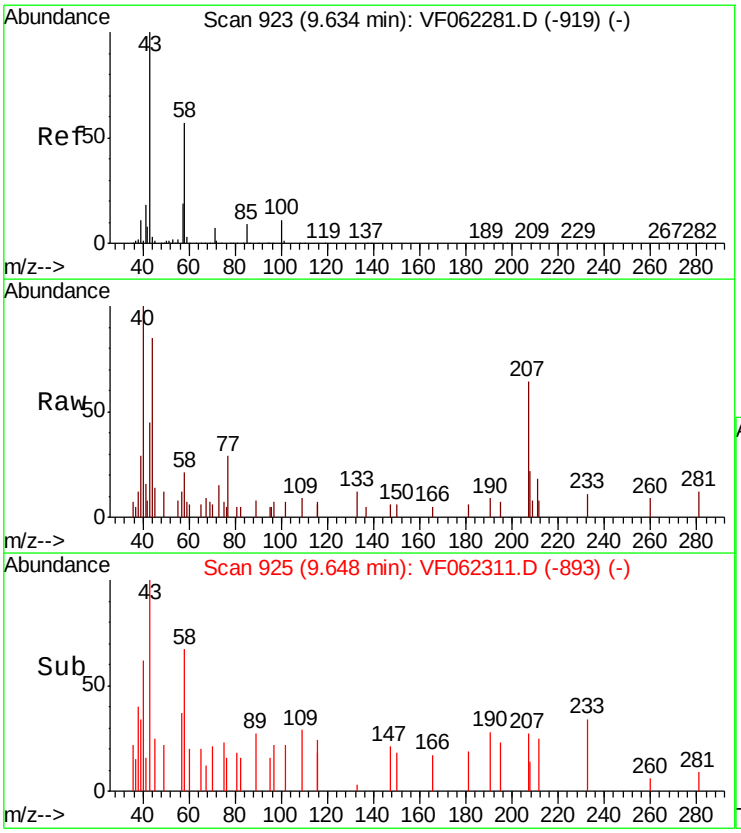
#56
Ethyl methacrylate
Concen: 2.726 ug/l
RT: 8.80 min Scan# 839
Delta R.T. 0.03 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Instrument : MSVOA_F
ClientSampleId : FK-EF-01-008-ABCDRE

Tgt Ion: 69 Resp: 2774

Ion	Ratio	Lower	Upper
69	100		
41	40.6	61.5	92.3#
39	34.1	37.9	56.9#

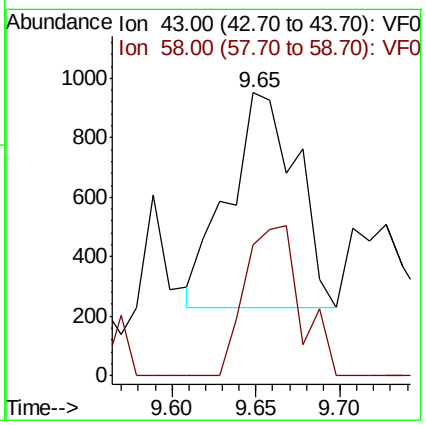


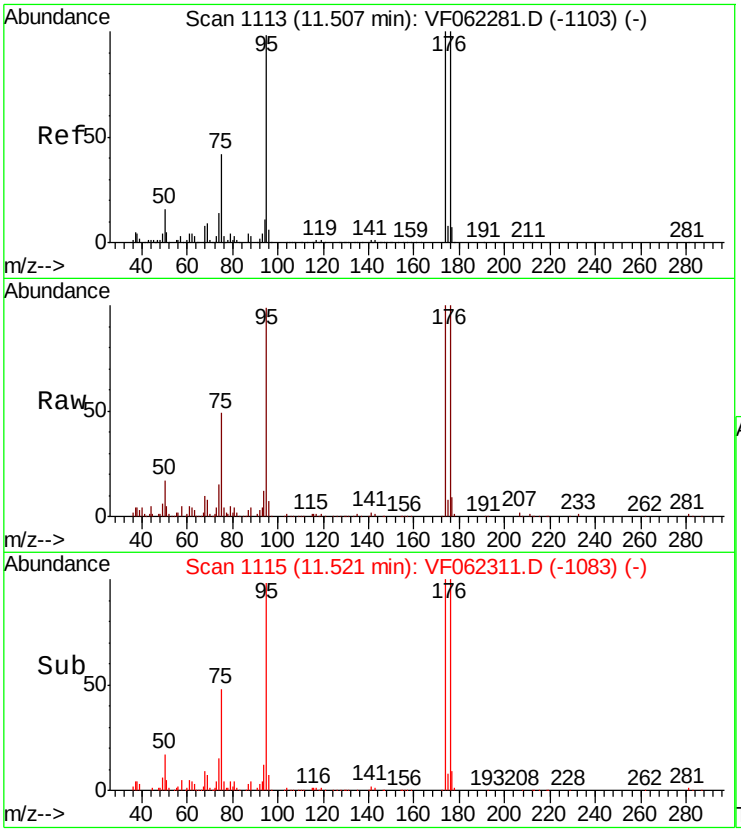


#59
2-Hexanone
Concen: Below Cal
RT: 9.65 min Scan# 925
Delta R.T. 0.02 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Tgt Ion: 43 Resp: 2028

Ion	Ratio	Lower	Upper
43	100		
58	57.0	24.9	74.7



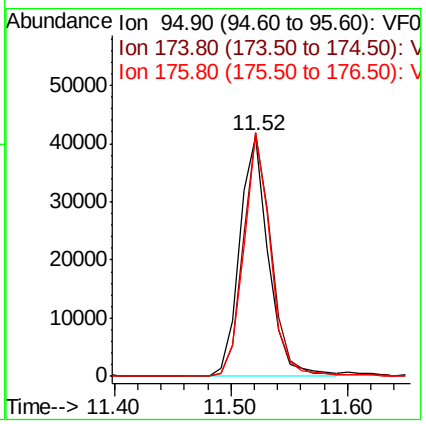


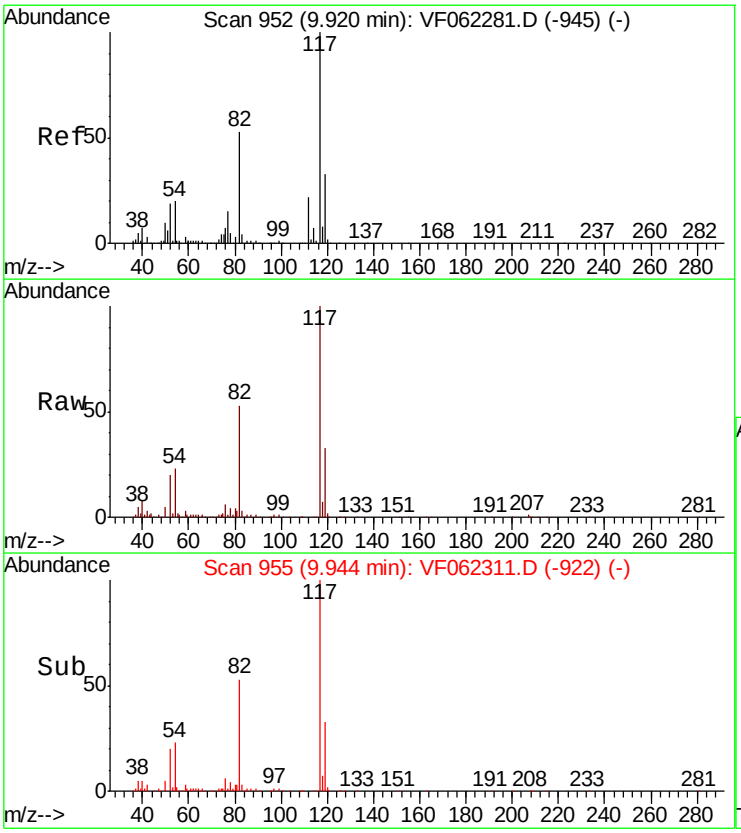
#62
4-Bromofluorobenzene
Concen: 37.447 ug/l
RT: 11.52 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-008-ABCDRE

Tgt Ion: 95 Resp: 70883

Ion	Ratio	Lower	Upper
95	100		
174	97.6	0.0	185.2
176	94.1	0.0	184.8

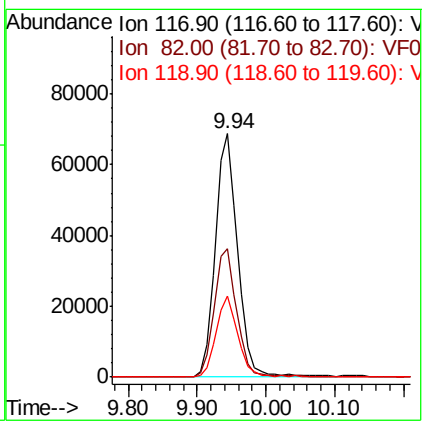


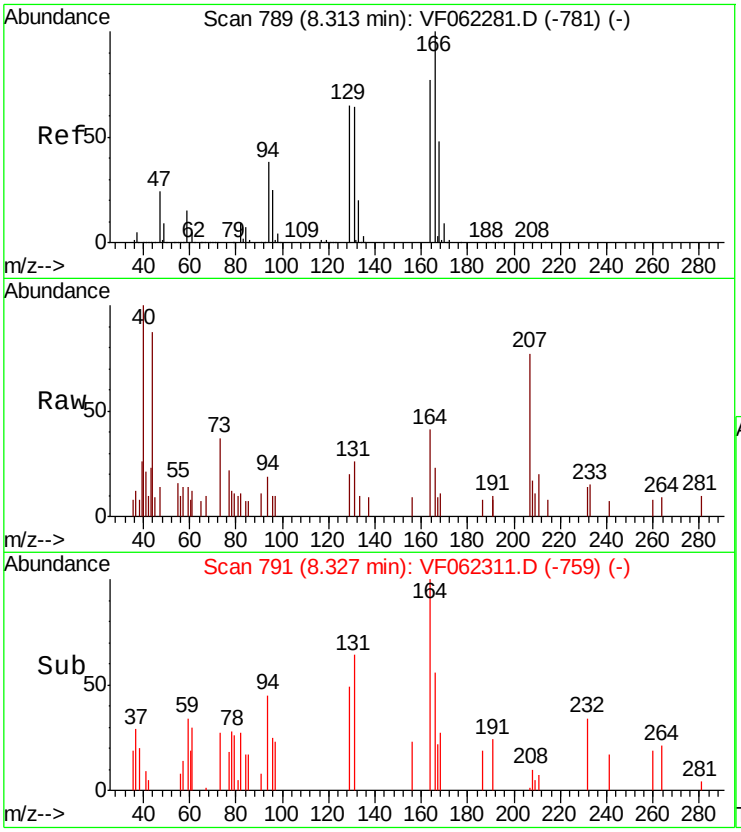


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.94 min Scan# 955
Delta R.T. 0.02 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Tgt Ion:117 Resp: 154034

Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.6	64.0
119	33.2	26.1	39.1



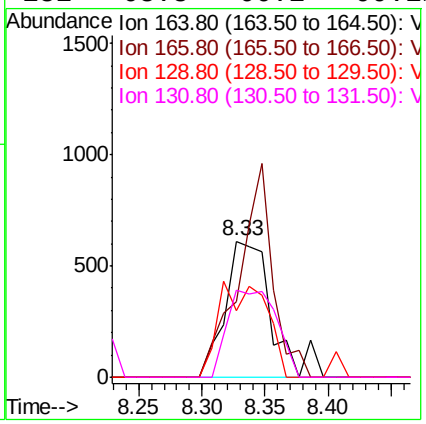


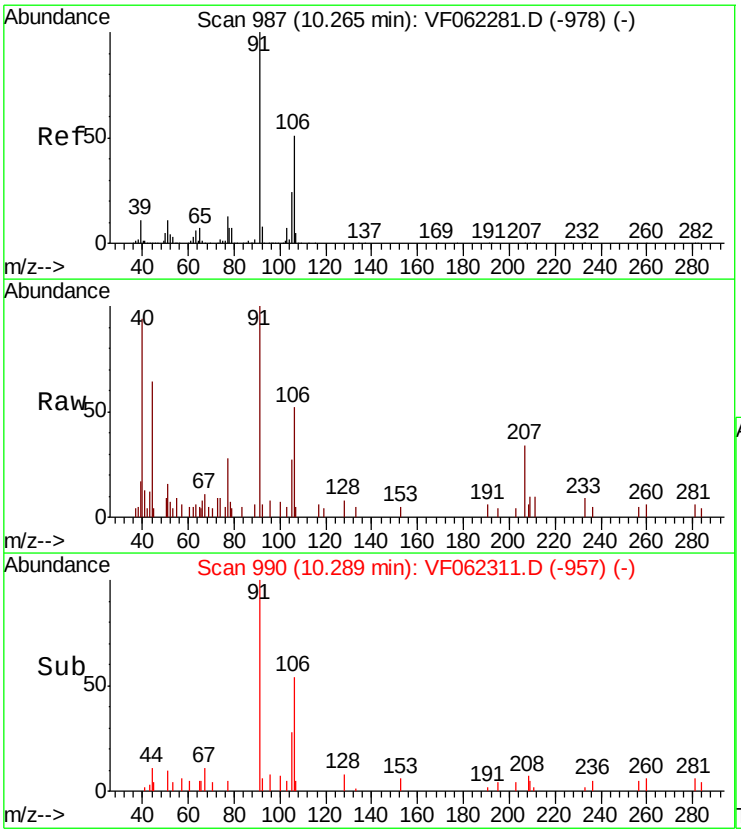
#64
Tetrachloroethene
Concen: 1.202 ug/l
RT: 8.33 min Scan# 791
Delta R.T. 0.01 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-008-ABCDRE

Tgt Ion:164 Resp: 1549

Ion	Ratio	Lower	Upper
164	100		
166	55.7	103.5	155.3#
129	49.0	67.6	101.4#
131	63.8	66.1	99.1#

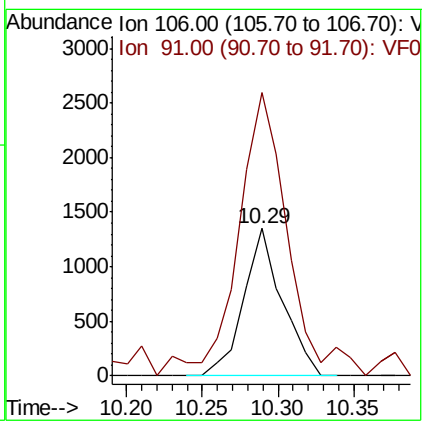


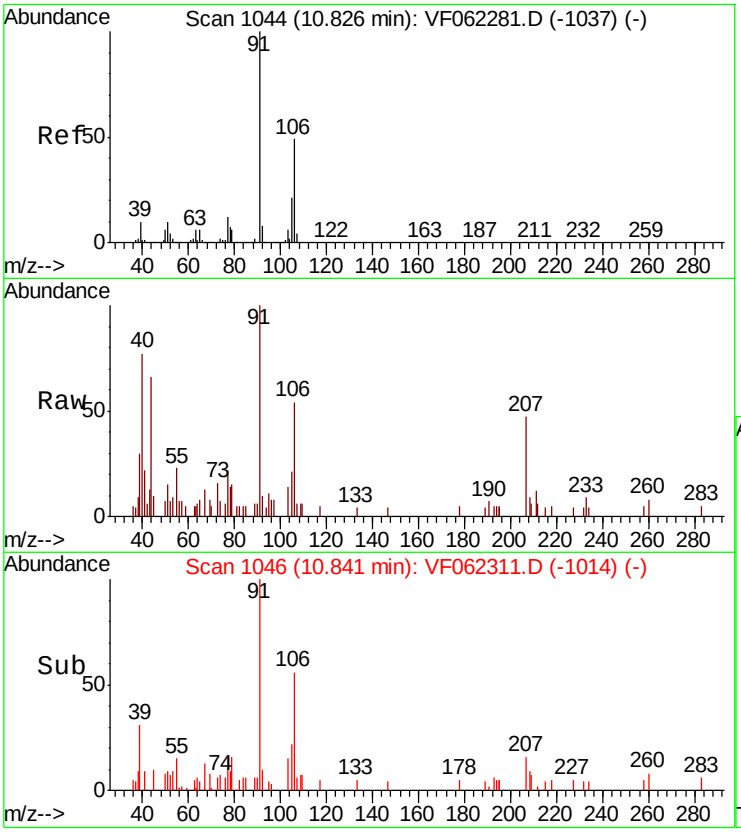


#68
m/p-Xylenes
Concen: 1.319 ug/l
RT: 10.29 min Scan# 990
Delta R.T. 0.02 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Tgt Ion:106 Resp: 2403

Ion	Ratio	Lower	Upper
106	100		
91	241.2	158.3	237.5#



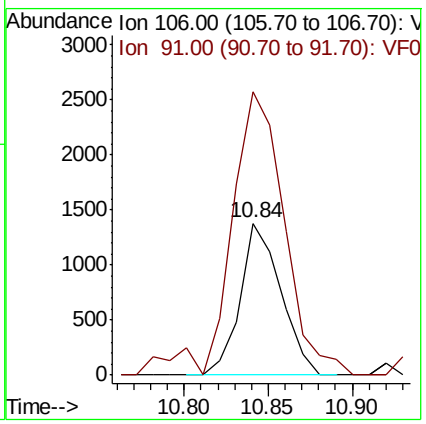


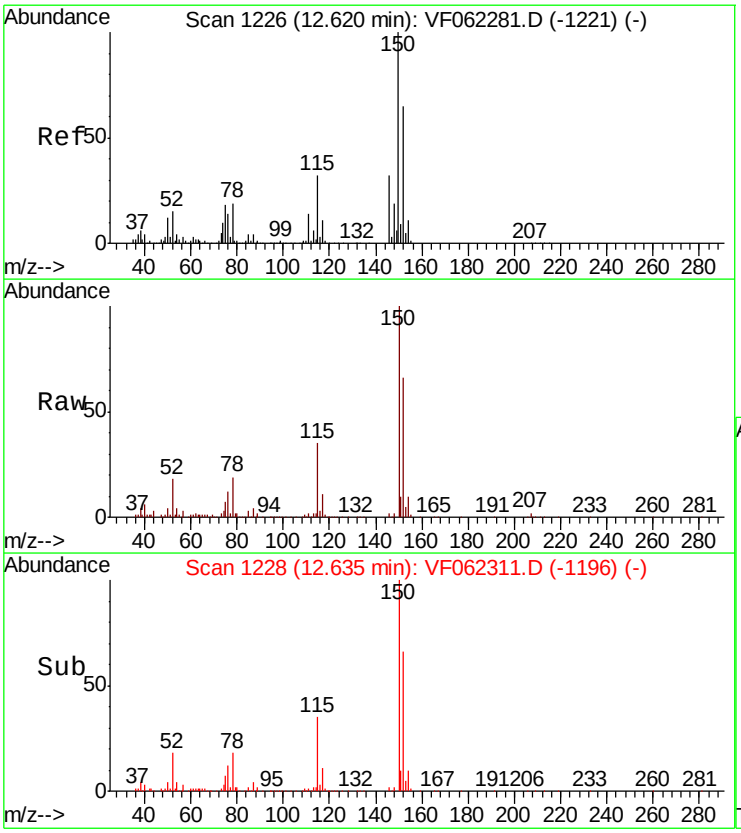
#69
o-Xylene
Concen: 1.135 ug/l
RT: 10.84 min Scan# 1046
Delta R.T. 0.01 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-008-ABCDRE

Tgt Ion:106 Resp: 2310

Ion	Ratio	Lower	Upper
106	100		
91	246.6	110.0	330.0

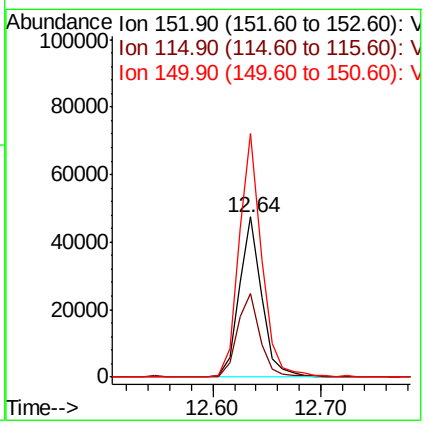


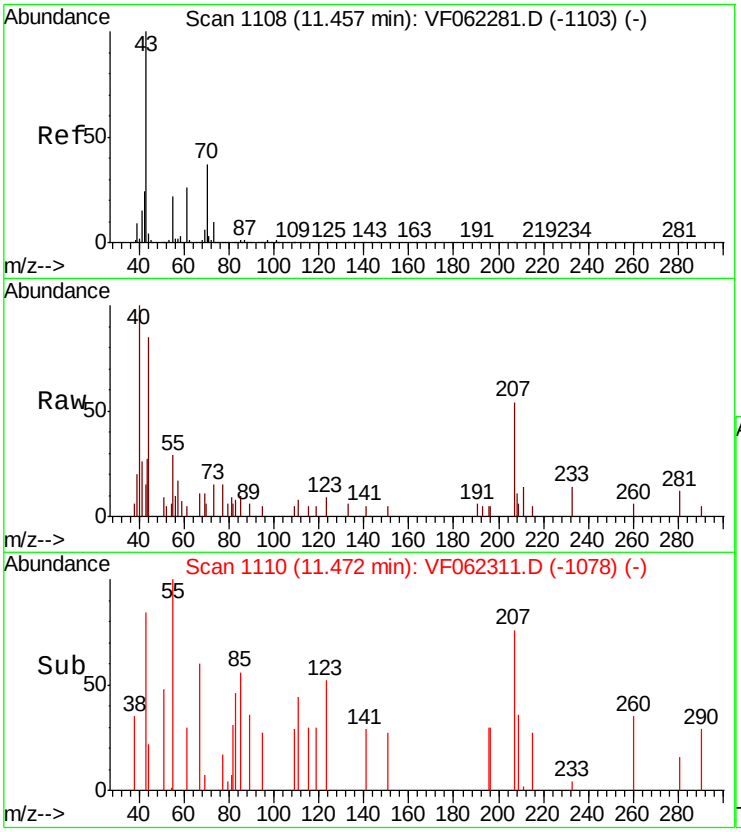


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.01 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Tgt Ion:152 Resp: 68642

Ion	Ratio	Lower	Upper
152	100		
115	53.9	25.6	76.8
150	153.0	0.0	330.6



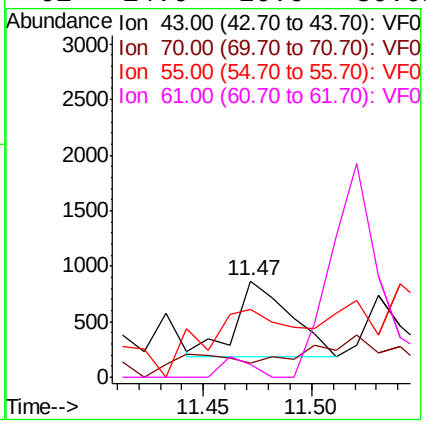


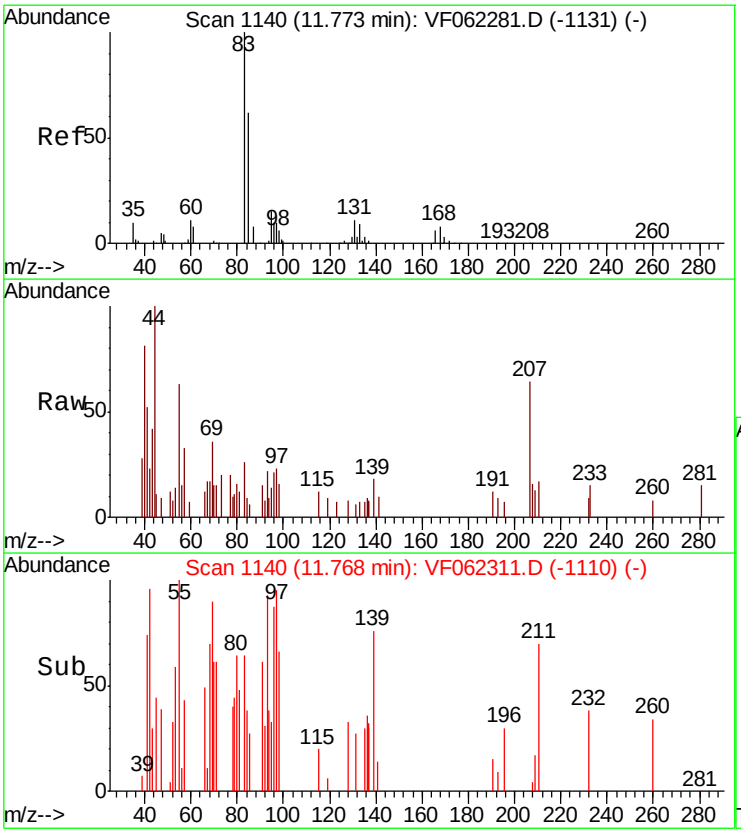
#74
N-amyl acetate
Concen: 1.118 ug/l
RT: 11.47 min Scan# 1110
Delta R.T. 0.01 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Instrument : MSVOA_F
ClientSampleId : FK-EF-01-008-ABCDRE

Tgt Ion: 43 Resp: 1211

Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.8	41.8#
55	158.7	16.6	24.8#
61	14.6	20.0	30.0#

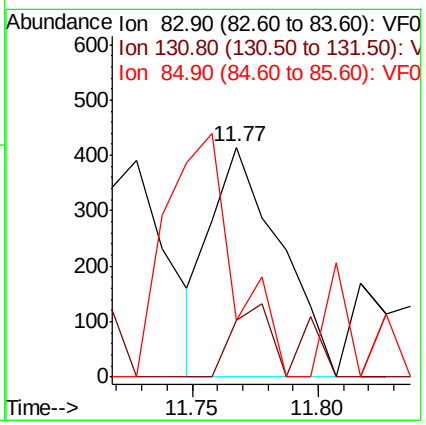


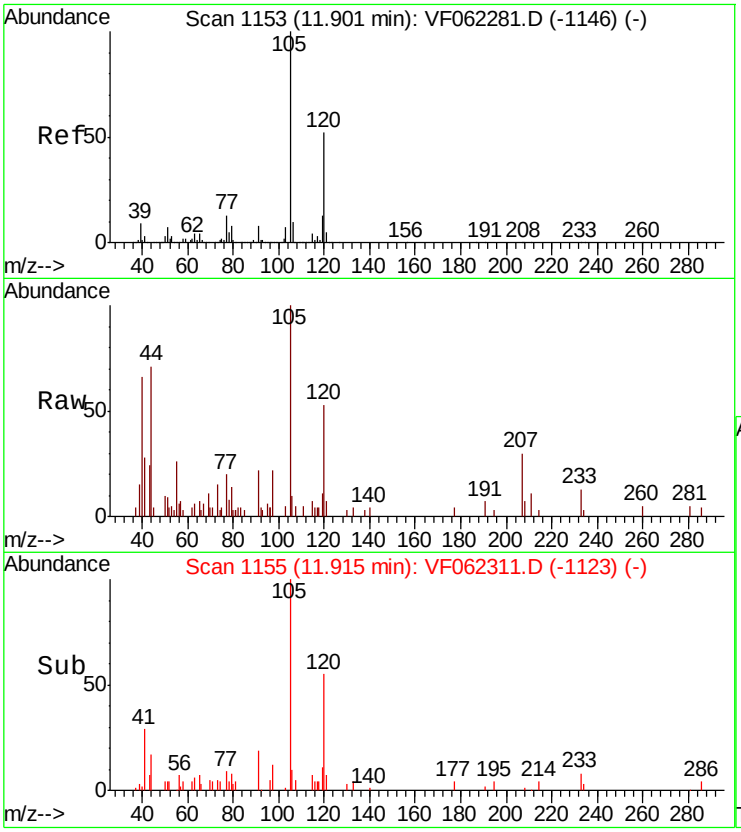


#75
1,1,2,2-Tetrachloroethane
Concen: 1.063 ug/l
RT: 11.77 min Scan# 1140
Delta R.T. -0.01 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Tgt Ion: 83 Resp: 794

Ion	Ratio	Lower	Upper
83	100		
131	25.6	5.5	16.5#
85	104.2	34.5	103.6#



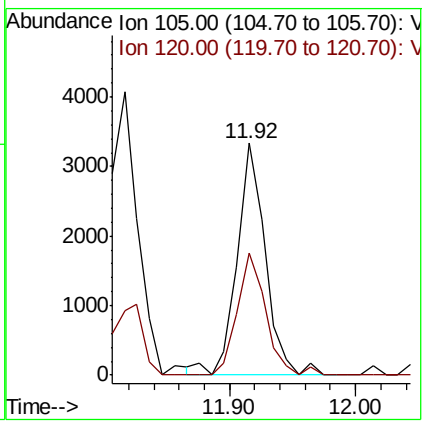


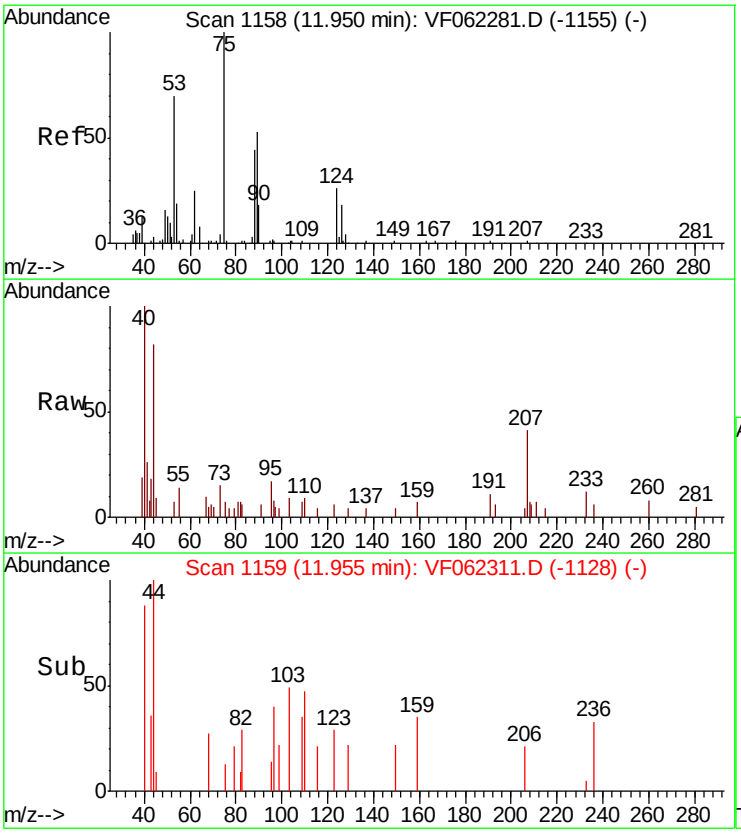
#80
1,3,5-Trimethylbenzene
Concen: 1.302 ug/l
RT: 11.92 min Scan# 1155
Delta R.T. 0.01 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-008-ABCDRE

Tgt Ion:105 Resp: 5171

Ion	Ratio	Lower	Upper
105	100		
120	53.2	25.8	77.4

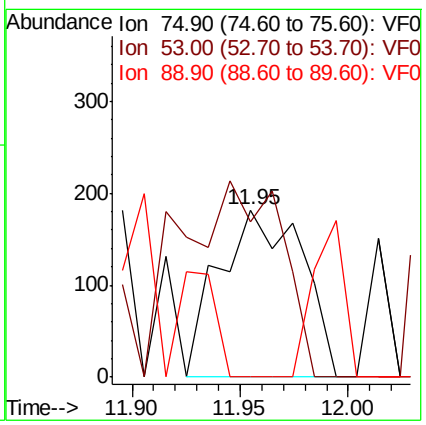


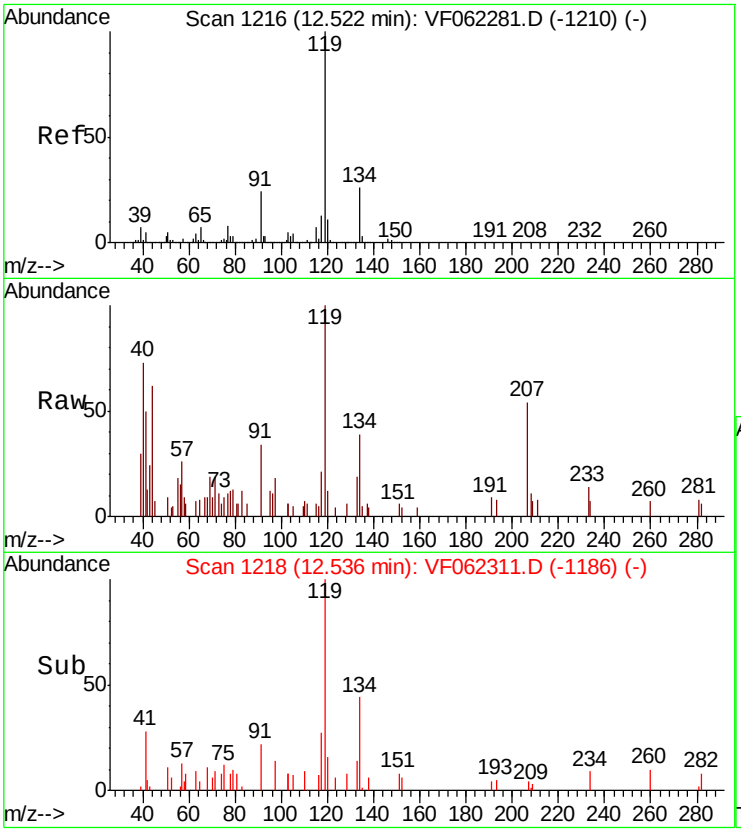


#81
trans-1,4-Dichloro-2-butene
Concen: 2.064 ug/l
RT: 11.95 min Scan# 1159
Delta R.T. 0.00 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Tgt Ion: 75 Resp: 489

Ion	Ratio	Lower	Upper
75	100		
53	141.7	67.1	100.7#
89	0.0	0.0	0.0



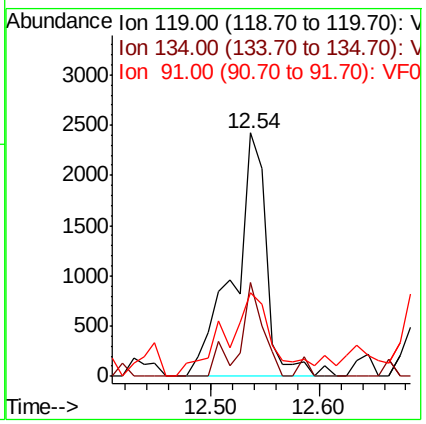


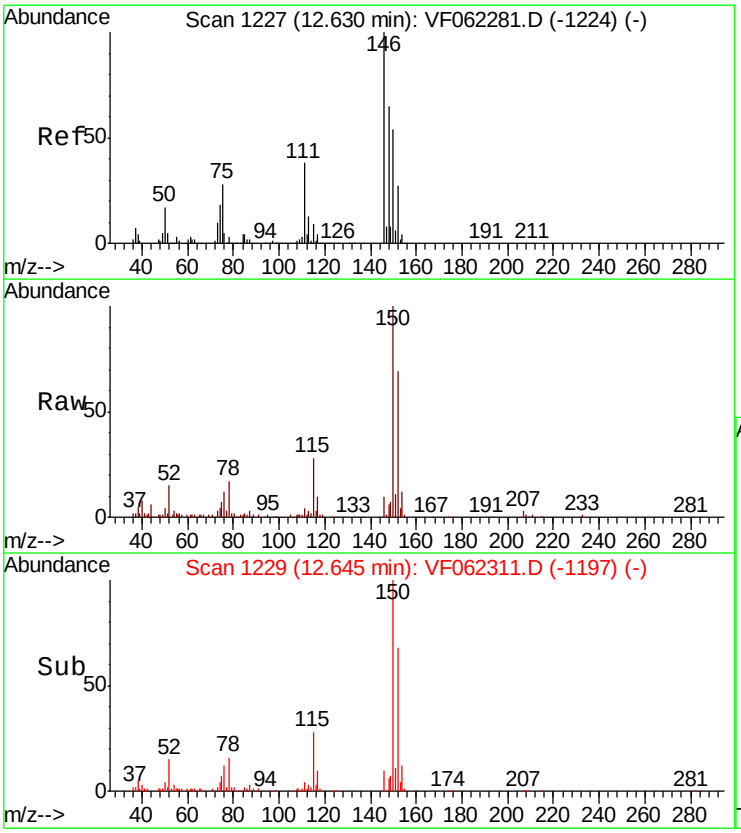
#86
p-Isopropyltoluene
Concen: 1.111 ug/l
RT: 12.54 min Scan# 1218
Delta R.T. 0.01 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-008-ABCDRE

Tgt Ion:119 Resp: 5054

Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.2	39.5
91	47.0	11.6	34.7#

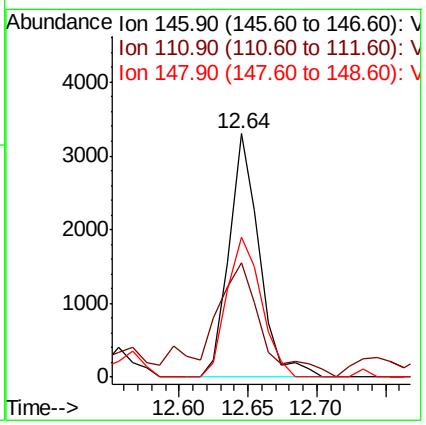


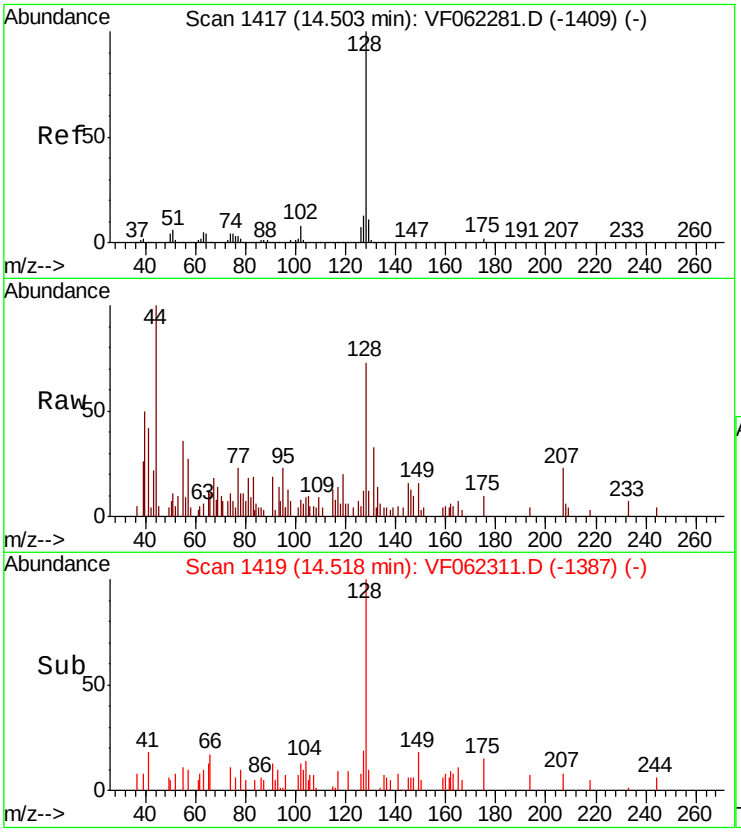


#88
1,4-Dichlorobenzene
Concen: 2.574 ug/l
RT: 12.64 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Tgt Ion:146 Resp: 5076

Ion	Ratio	Lower	Upper
146	100		
111	76.4	18.6	56.0#
148	65.4	32.5	97.5





#95
Naphthalene
Concen: 1.801 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. 0.01 min
Lab File: VF062311.D
Acq: 26 Apr 2019 17:54

Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-008-ABCDRE

Tgt Ion:128 Resp: 4895

Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.2	15.4
129	16.3	8.9	13.3#