Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF030519\
Data File : VF061844.D
Acq On : 5 Mar 2019 14:28
Operator : VA/AP
Sample : VF0305SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0305SBL01

Quant Time: Mar 06 05:42:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	319368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	498002	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	403478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	251674	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	139447	59.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 119.92%			
35) Dibromofluoromethane	4.11	113	192952	55.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.04%			
50) Toluene-d8	7.56	98	519291	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.54%			
62) 4-Bromofluorobenzene	11.41	95	223065	55.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.26%			
Target Compounds						Qvalue
13) Acrolein	2.04	56	848	5.070	ug/l	99
15) Acrylonitrile	2.94	53	1916	4.558	ug/l #	59
16) Acetone	2.23	43	8228	16.889	ug/l	96
18) Methyl Acetate	2.36	43	1254	Below Cal	#	62
20) Methylene Chloride	2.17	84	3619	Below Cal	#	91
25) 2-Butanone	4.33	43	2236	2.256	ug/l #	91
29) Tetrahydrofuran	4.07	42	493	1.154	ug/l #	74
51) 4-Methyl-2-Pentanone	8.27	43	3301	1.962	ug/l	96
59) 2-Hexanone	9.50	43	5238	4.316	ug/l	93
74) N-amyl acetate	11.37	43	4938	1.238	ug/l #	91
92) 1,2-Dibromo-3-Chloropropan	13.64	75	75	3.906	ug/l #	16
95) Naphthalene	14.46	128	11379	1.215	ug/l #	93

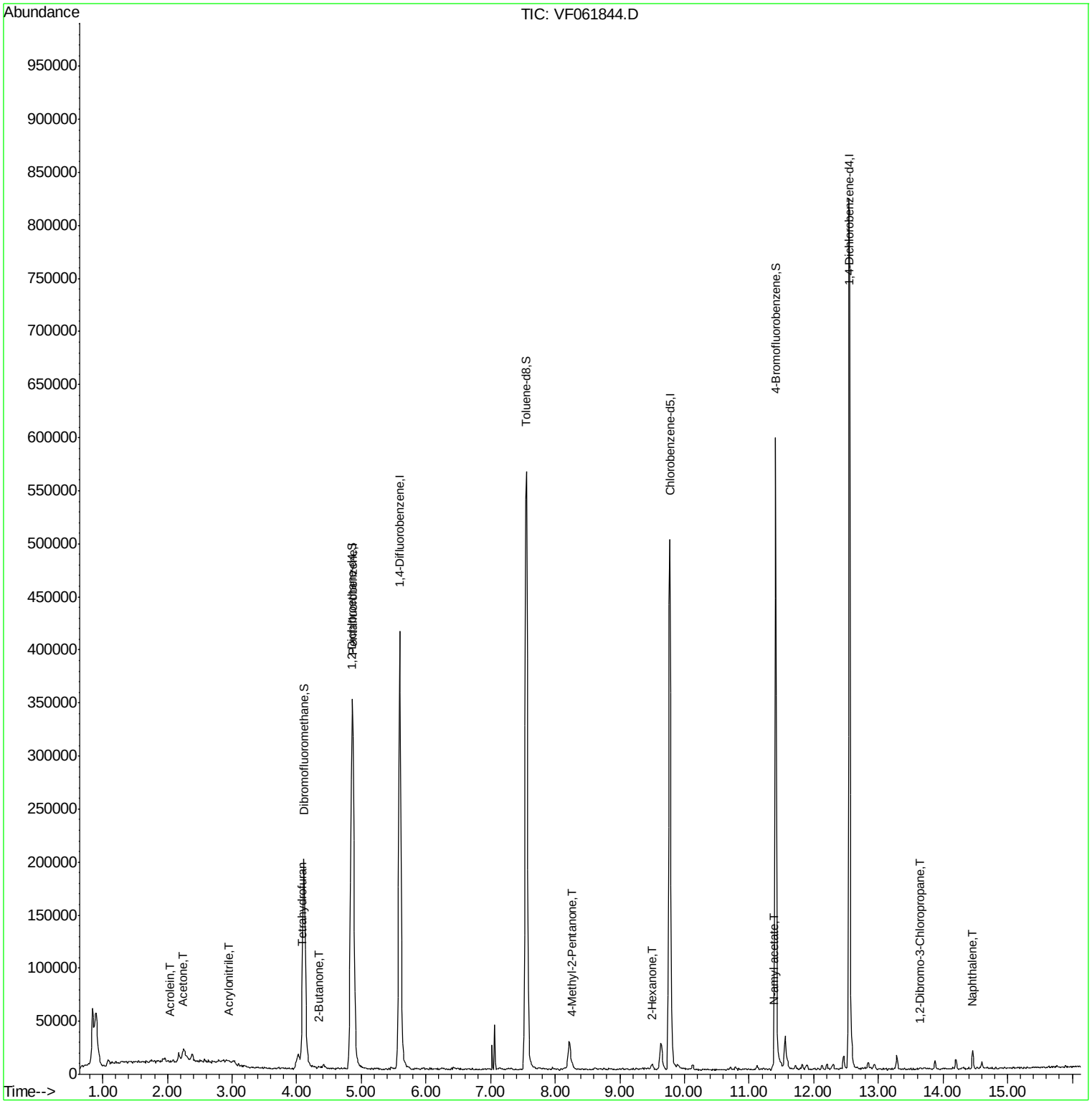
(#) = qualifier out of range (m) = manual integration (+) = signals summed

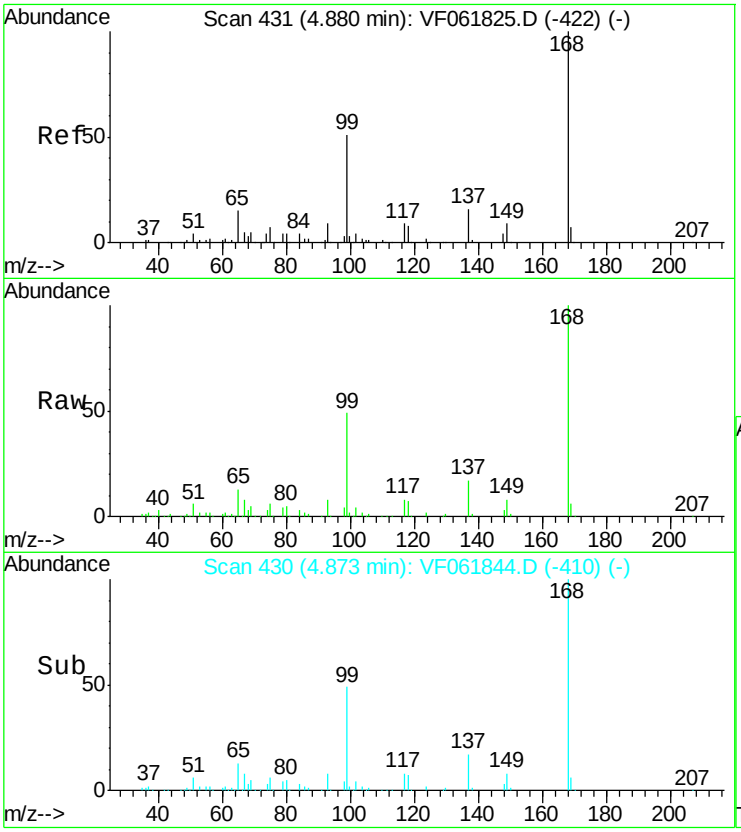
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030519\
Data File : VF061844.D
Acq On : 5 Mar 2019 14:28
Operator : VA/AP
Sample : VF0305SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0305SBL01

Quant Time: Mar 06 05:42:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration



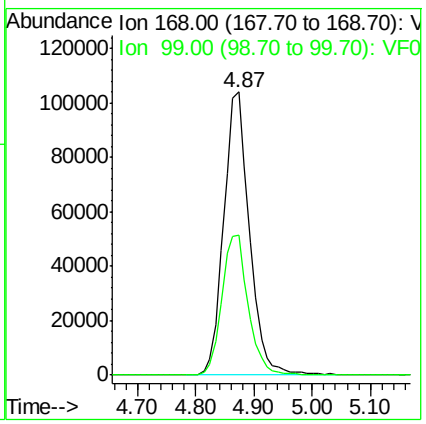


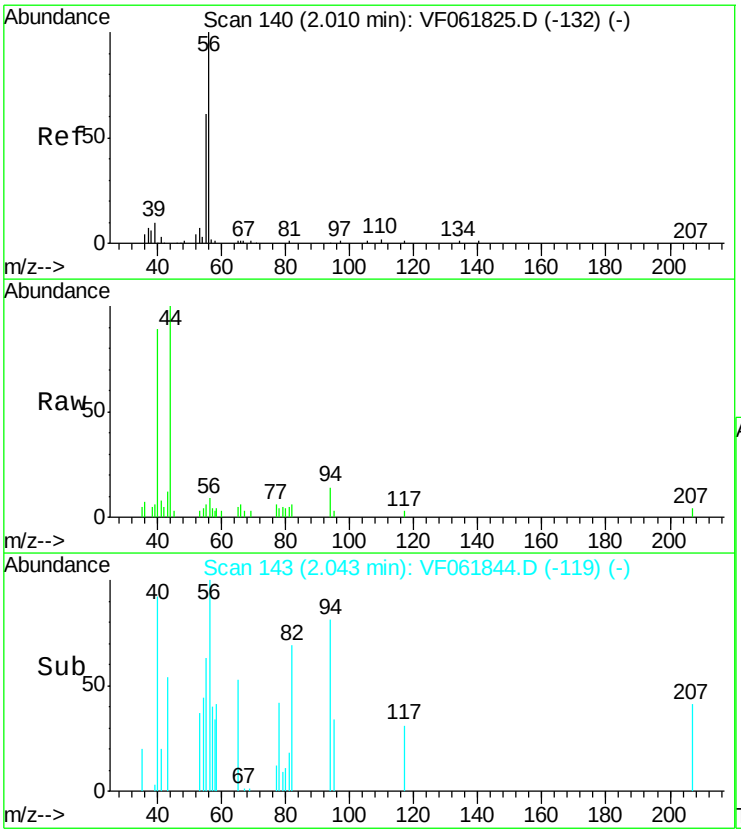
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.01 min
Lab File: VF061844.D
Acq: 5 Mar 2019 14:28

Instrument : MSVOA_F
ClientSampleId : VF0305SBL01

Tgt Ion:168 Resp: 319368

Ion	Ratio	Lower	Upper
168	100		
99	49.3	40.8	61.2

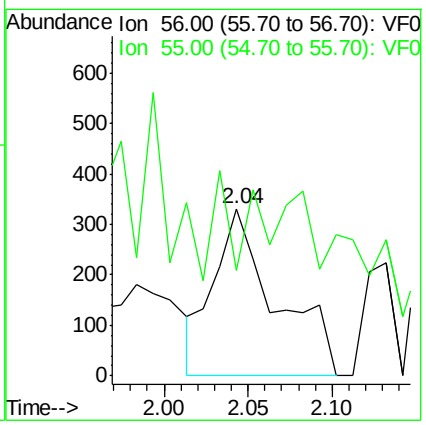


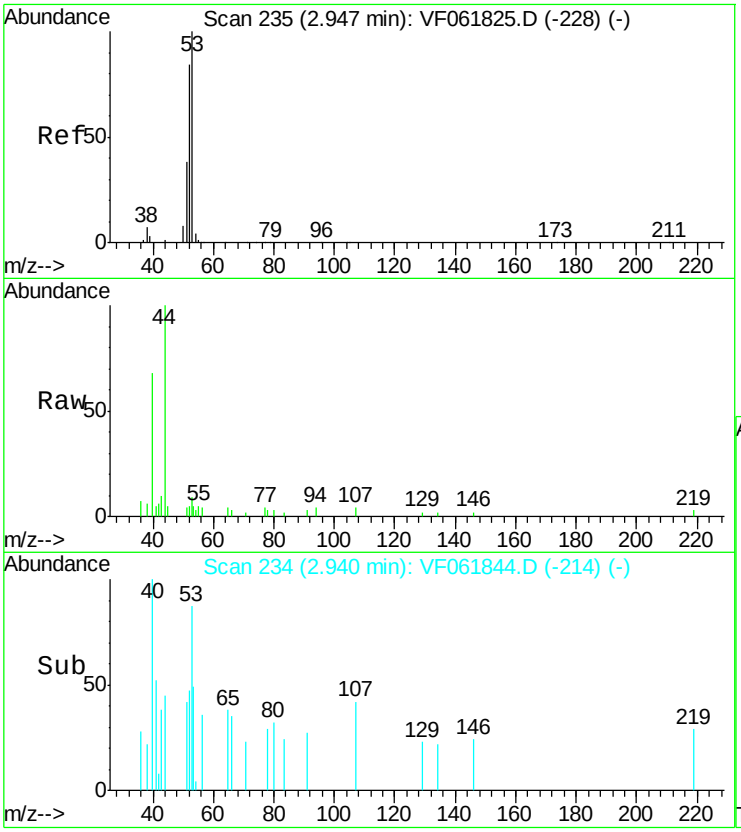


#13
Acrolein
Concen: 5.070 ug/l
RT: 2.04 min Scan# 143
Delta R.T. 0.03 min
Lab File: VF061844.D
Acq: 5 Mar 2019 14:28

Tgt Ion: 56 Resp: 848

Ion	Ratio	Lower	Upper
56	100		
55	63.1	51.3	76.9



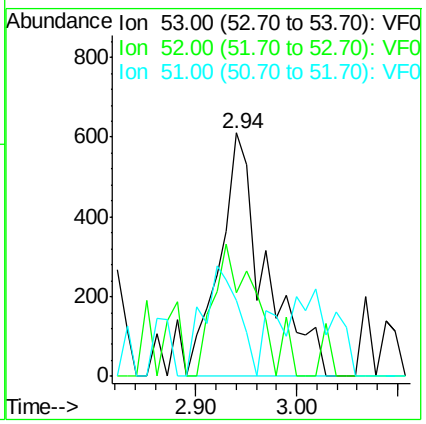


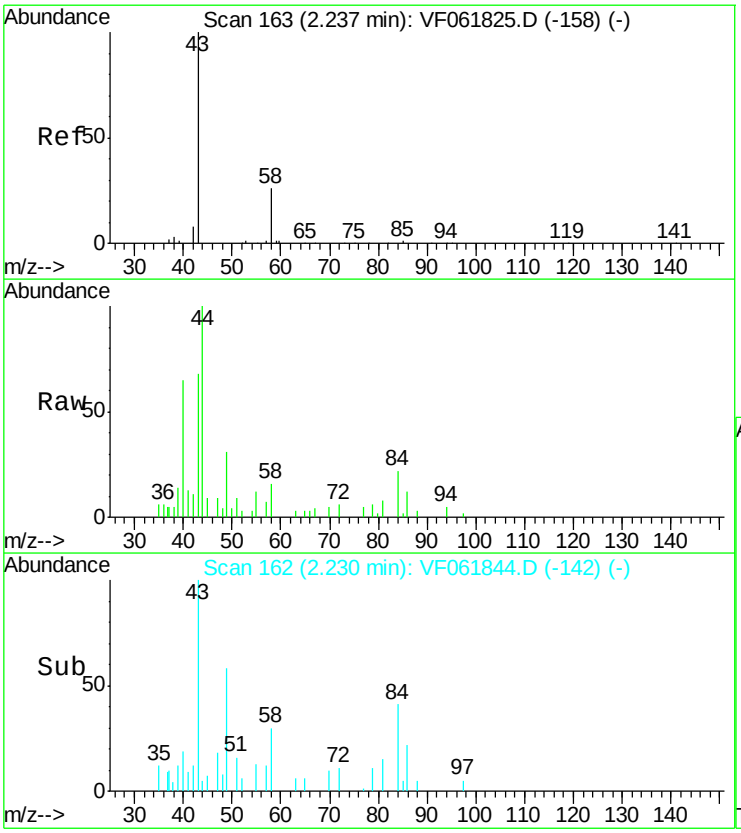
#15
Acrylonitrile
Concen: 4.558 ug/l
RT: 2.94 min Scan# 234
Delta R.T. -0.01 min
Lab File: VF061844.D
Acq: 5 Mar 2019 14:28

Instrument :
MSVOA_F
ClientSampleId :
VF0305SBL01

Tgt Ion: 53 Resp: 1916

Ion	Ratio	Lower	Upper
53	100		
52	34.5	67.4	101.0#
51	31.1	30.7	46.1

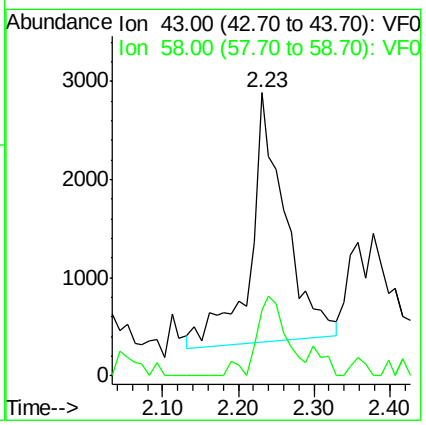


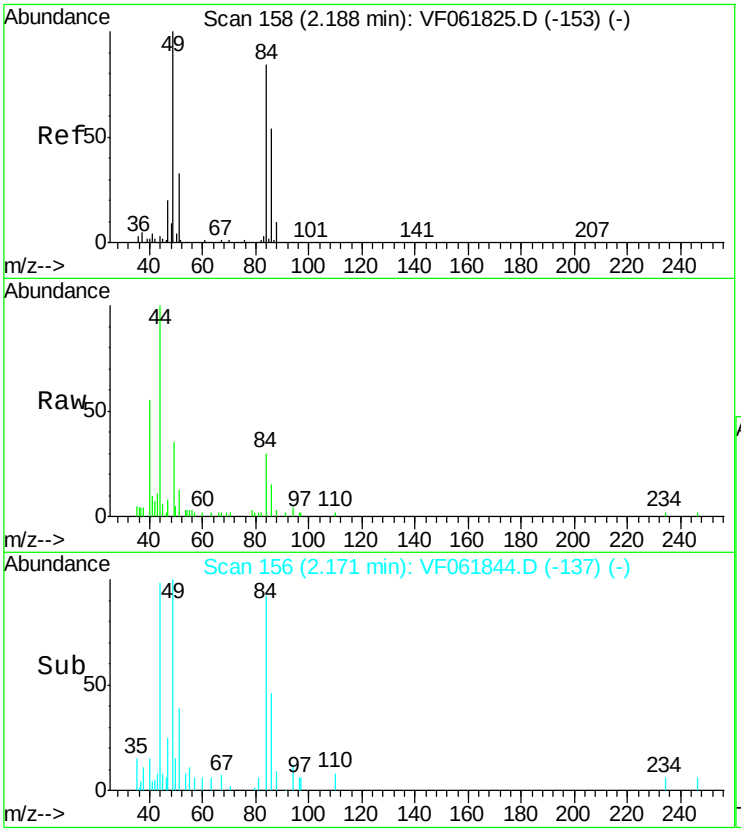


#16
Acetone
Concen: 16.889 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF061844.D
Acq: 5 Mar 2019 14:28

Tgt Ion: 43 Resp: 8228

Ion	Ratio	Lower	Upper
43	100		
58	23.4	20.3	30.5



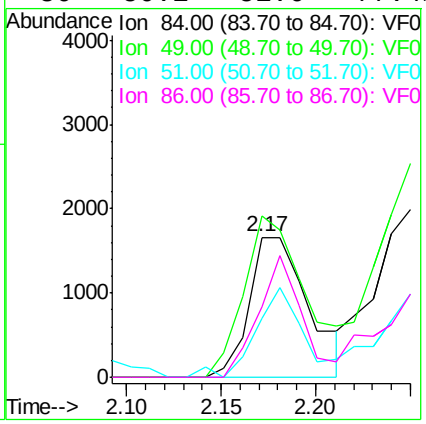


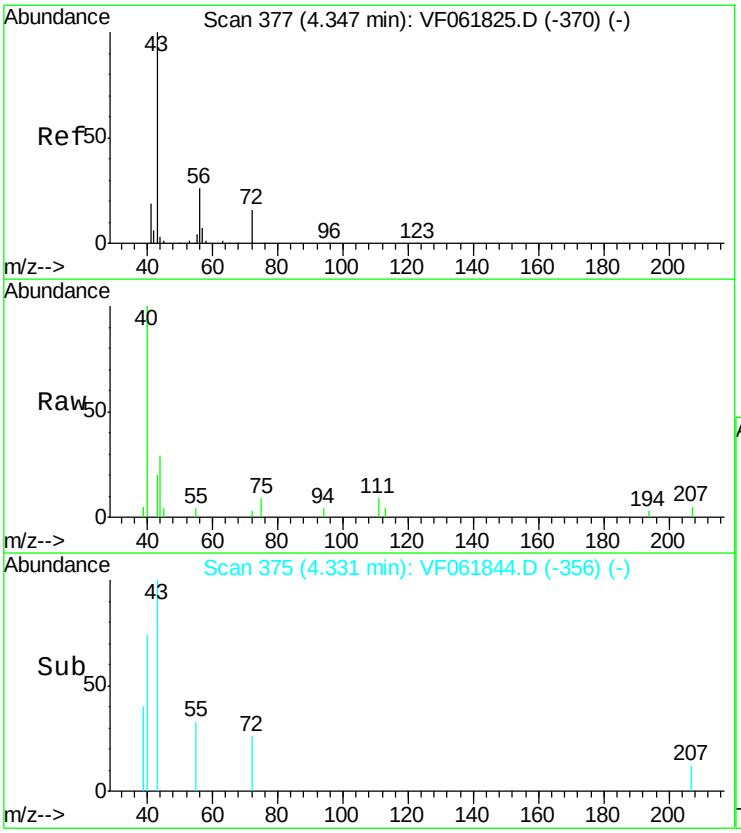
#20
Methylene Chloride
Concen: Below Cal
RT: 2.17 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF061844.D
Acq: 5 Mar 2019 14:28

Instrument : MSVOA_F
ClientSampleId : VF0305SBL01

Tgt Ion: 84 Resp: 3619

Ion	Ratio	Lower	Upper
84	100		
49	115.5	96.8	145.2
51	42.0	31.8	47.6
86	50.1	51.6	77.4#

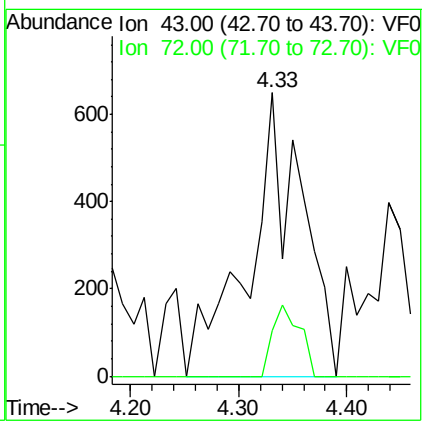


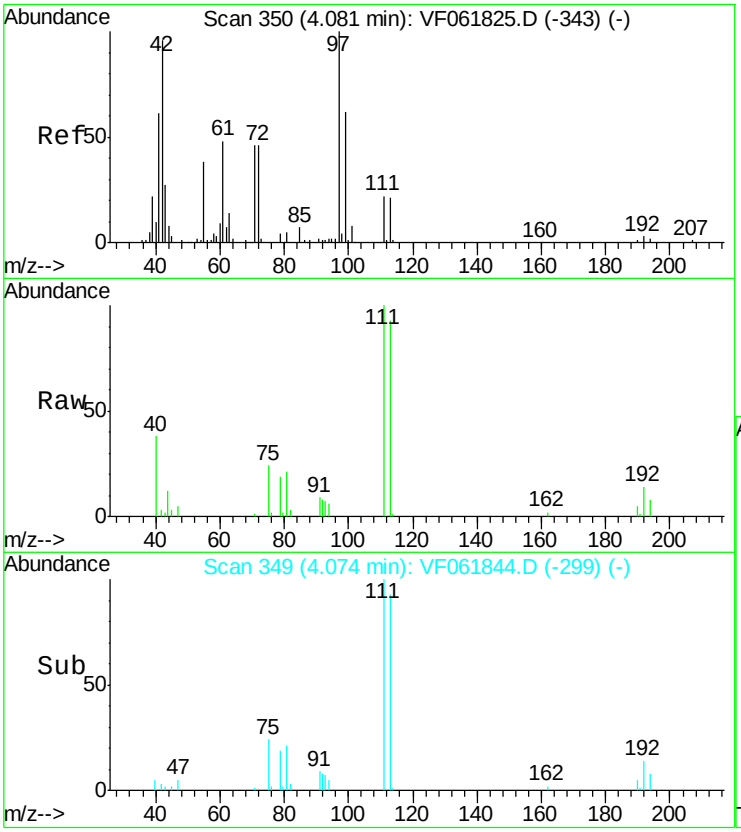


#25
2-Butanone
Concen: 2.256 ug/l
RT: 4.33 min Scan# 375
Delta R.T. -0.02 min
Lab File: VF061844.D
Acq: 5 Mar 2019 14:28

Tgt Ion: 43 Resp: 2236

Ion	Ratio	Lower	Upper
43	100		
72	16.0	16.2	24.4#



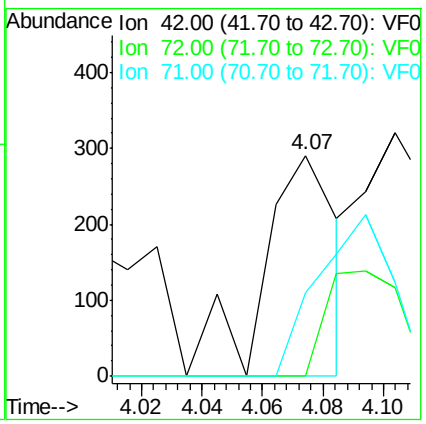


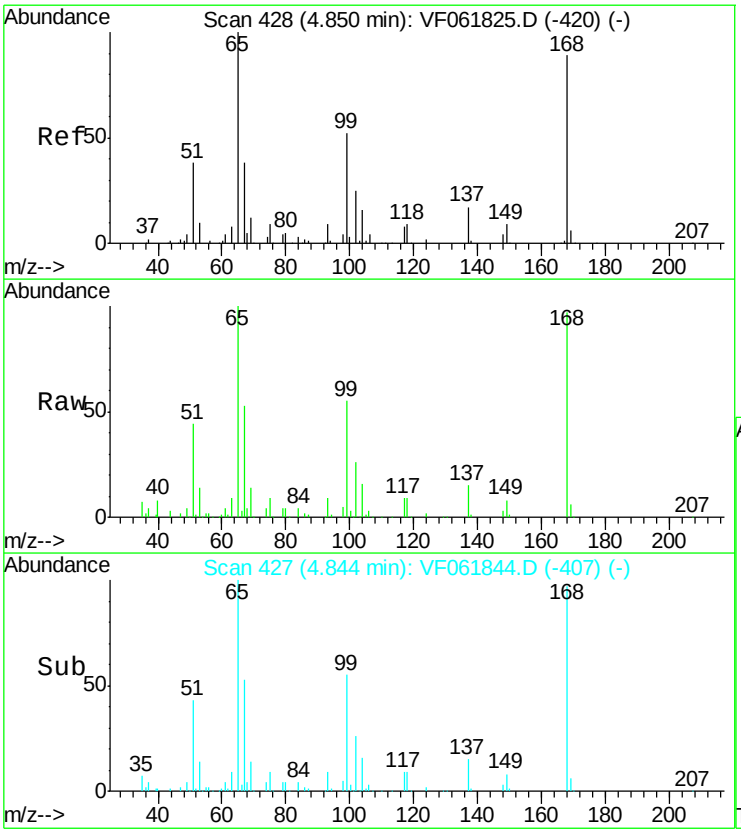
#29
Tetrahydrofuran
Concen: 1.154 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.01 min
Lab File: VF061844.D
Acq: 5 Mar 2019 14:28

Instrument : MSVOA_F
ClientSampleId : VF0305SBL01

Tgt Ion: 42 Resp: 493

Ion	Ratio	Lower	Upper
42	100		
72	47.1	34.4	51.6
71	72.8	34.6	52.0#

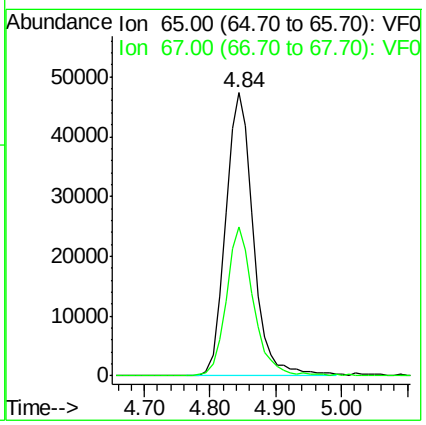


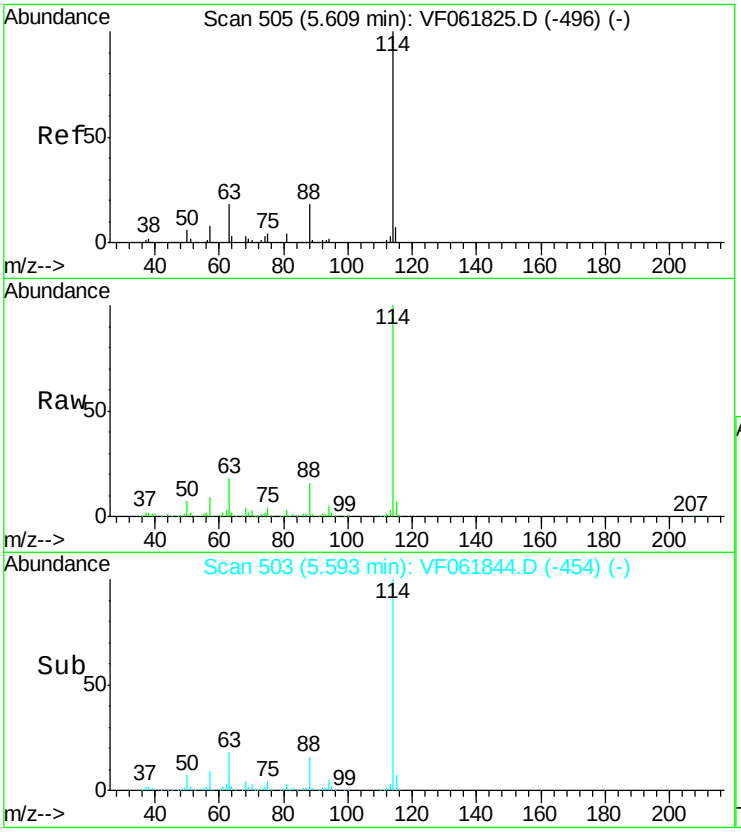


#33
1,2-Dichloroethane-d4
Concen: 59.957 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.01 min
Lab File: VF061844.D
Acq: 5 Mar 2019 14:28

Tgt Ion: 65 Resp: 139447

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	108.6



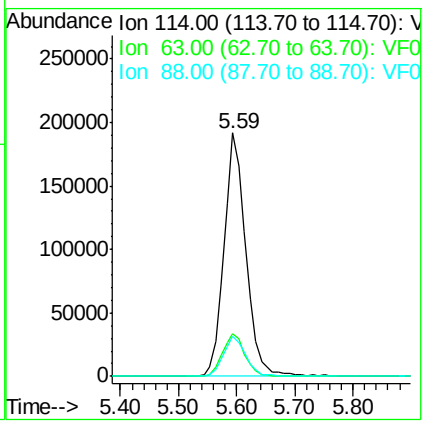


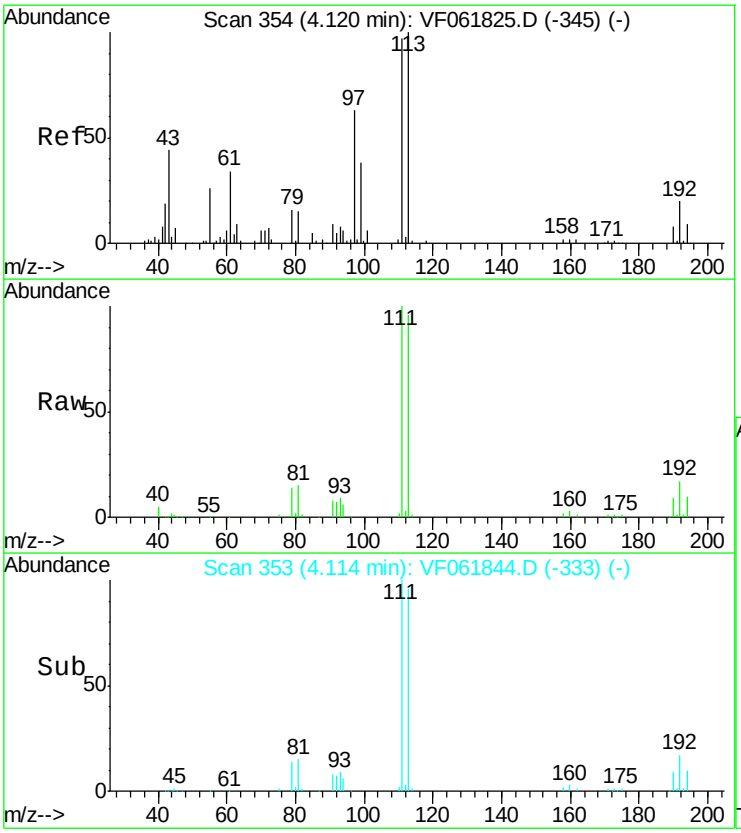
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.02 min
Lab File: VF061844.D
Acq: 5 Mar 2019 14:28

Instrument :
MSVOA_F
ClientSampleId :
VF0305SBL01

Tgt Ion:114 Resp: 498002

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.6
88	16.4	0.0	35.6

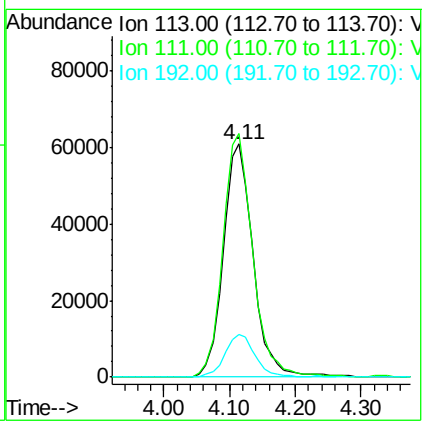


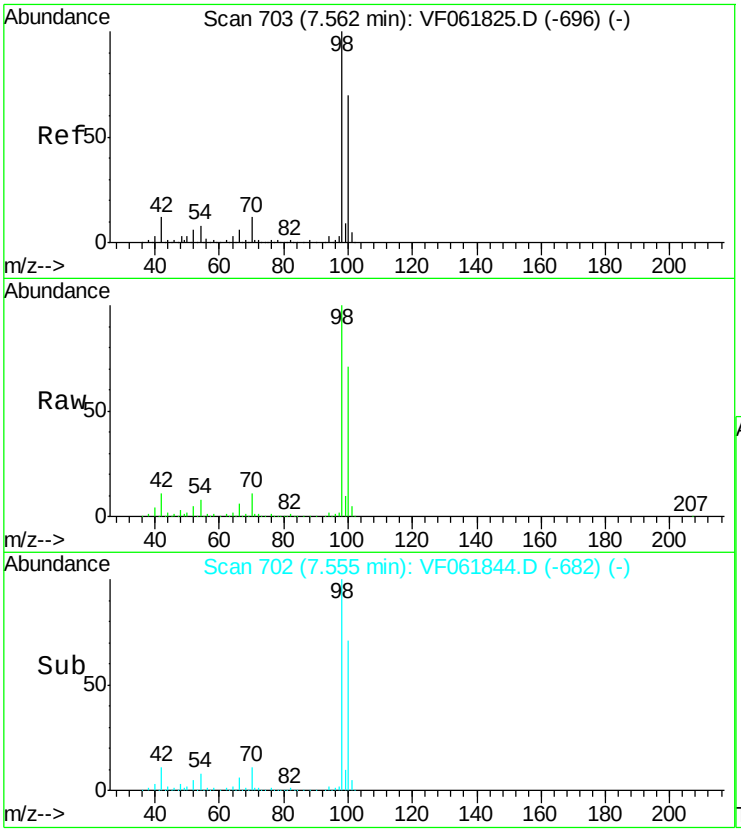


#35
Dibromofluoromethane
Concen: 55.519 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.01 min
Lab File: VF061844.D
Acq: 5 Mar 2019 14:28

Tgt Ion:113 Resp: 192952

Ion	Ratio	Lower	Upper
113	100		
111	104.5	77.6	116.4
192	18.3	15.9	23.9



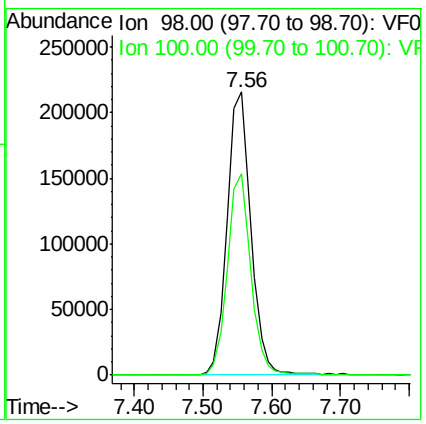


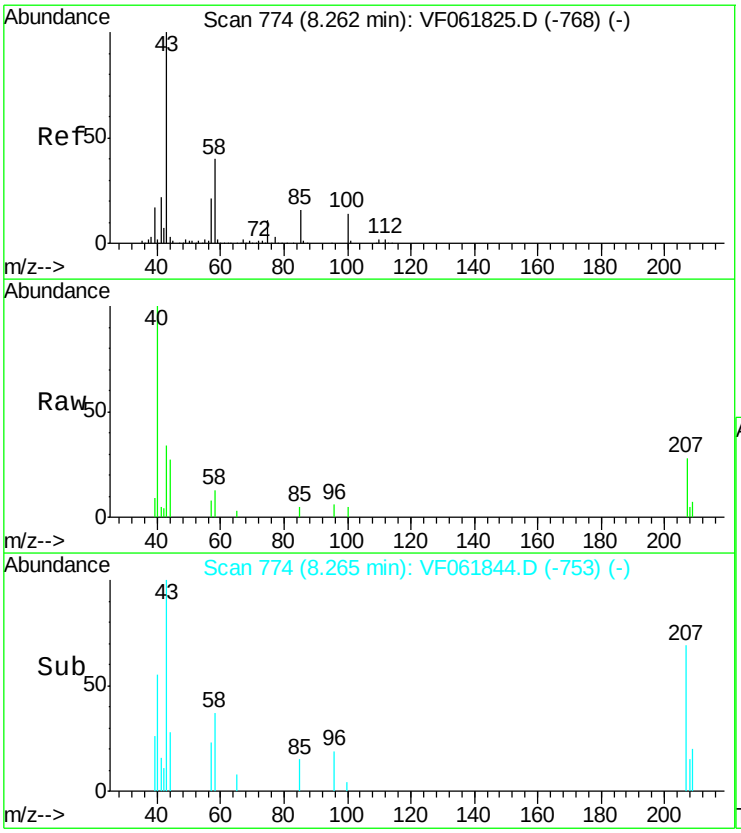
#50
Toluene-d8
Concen: 50.270 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF061844.D
Acq: 5 Mar 2019 14:28

Instrument :
MSVOA_F
ClientSampleId :
VF0305SBL01

Tgt Ion: 98 Resp: 519291

Ion	Ratio	Lower	Upper
98	100		
100	71.0	56.0	84.0

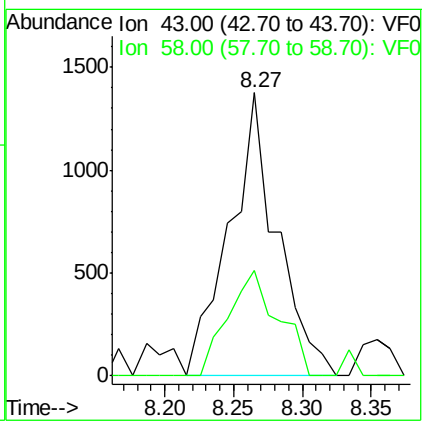


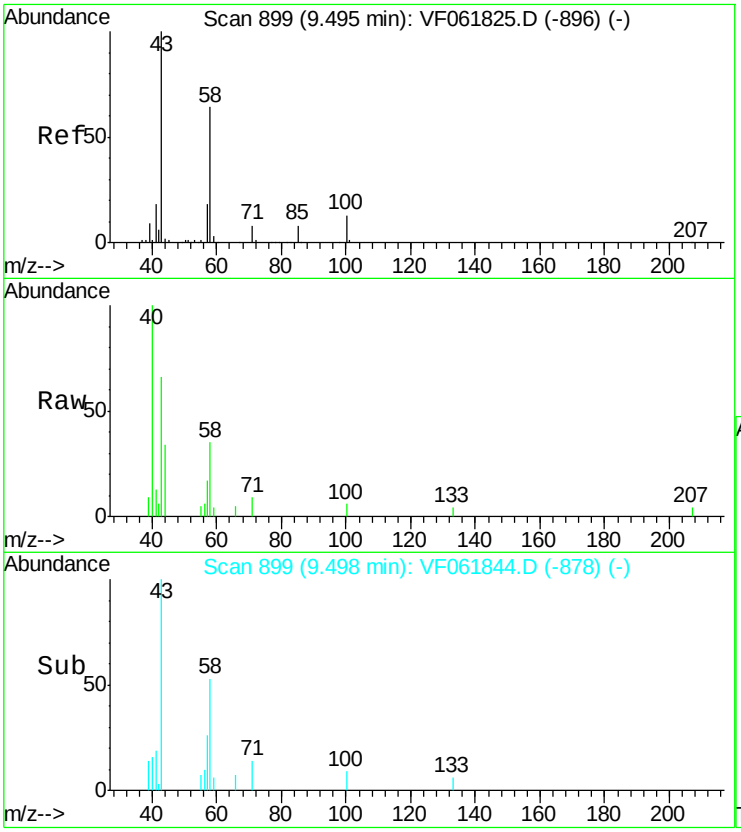


#51
4-Methyl-2-Pentanone
Concen: 1.962 ug/l
RT: 8.27 min Scan# 774
Delta R.T. 0.00 min
Lab File: VF061844.D
Acq: 5 Mar 2019 14:28

Tgt Ion: 43 Resp: 3301

Ion	Ratio	Lower	Upper
43	100		
58	37.1	31.8	47.8



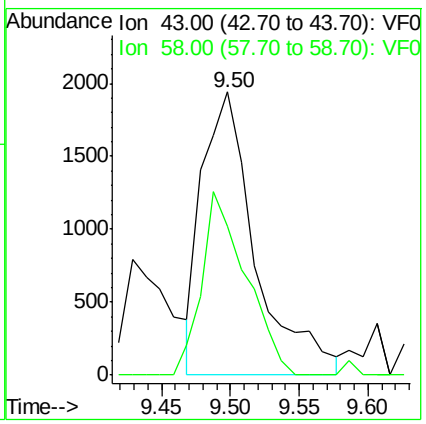


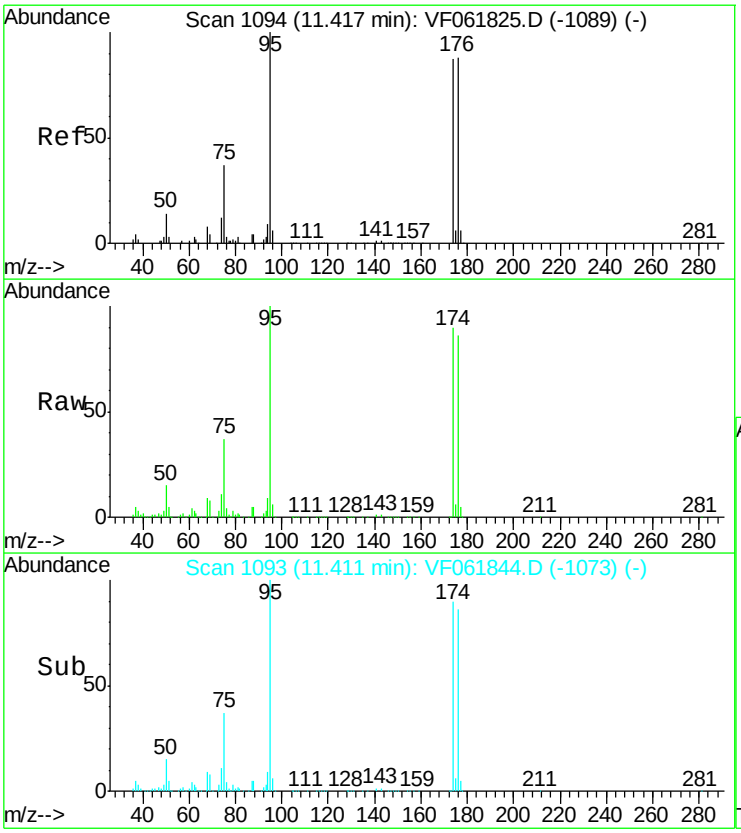
#59
2-Hexanone
Concen: 4.316 ug/l
RT: 9.50 min Scan# 899
Delta R.T. 0.00 min
Lab File: VF061844.D
Acq: 5 Mar 2019 14:28

Instrument :
MSVOA_F
ClientSampleId :
VF0305SBL01

Tgt Ion: 43 Resp: 5238

Ion	Ratio	Lower	Upper
43	100		
58	52.7	28.8	86.4

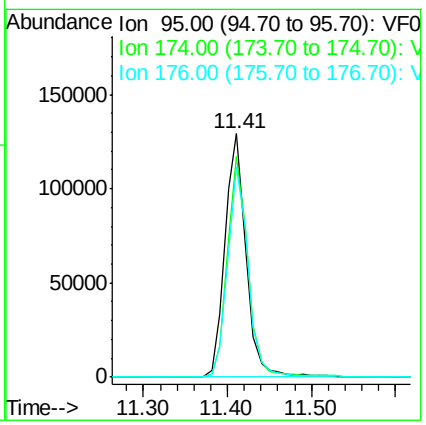


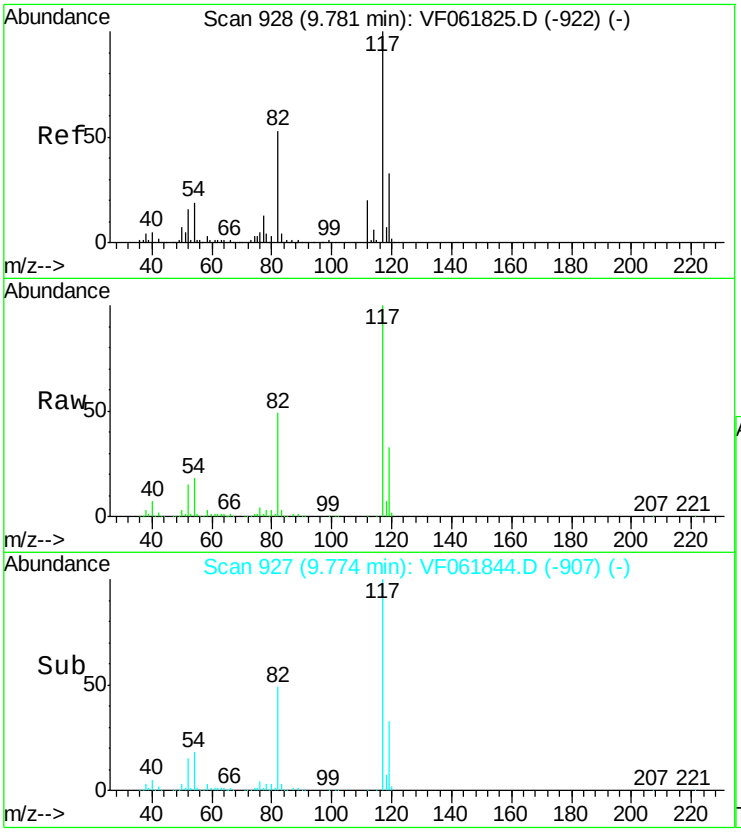


#62
4-Bromofluorobenzene
Concen: 55.126 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061844.D
Acq: 5 Mar 2019 14:28

Tgt Ion: 95 Resp: 223065

Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	174.0
176	86.5	0.0	175.2



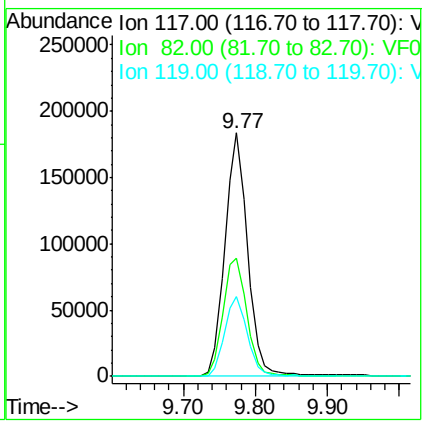


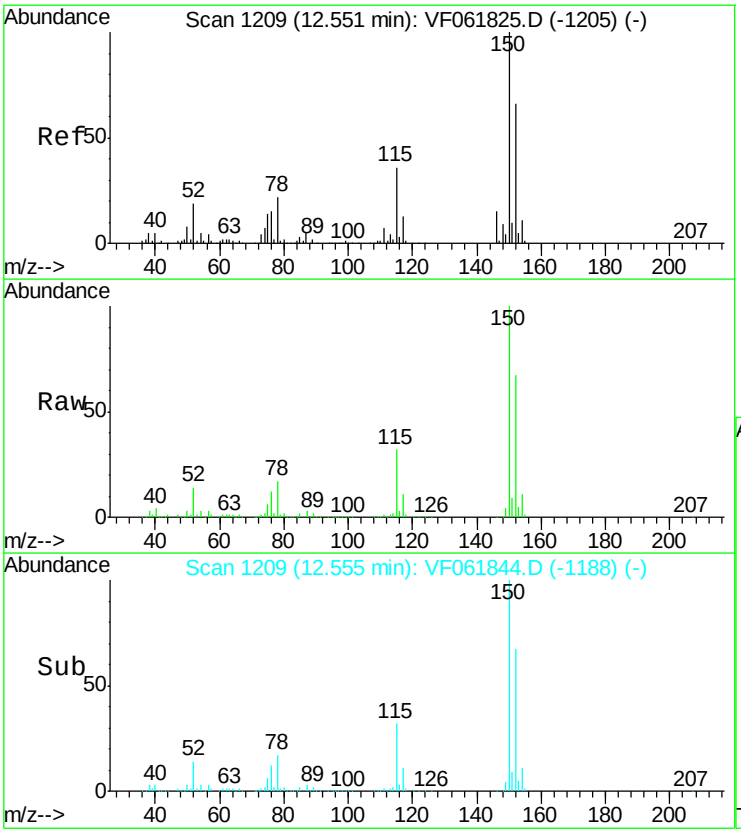
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF061844.D
Acq: 5 Mar 2019 14:28

Instrument :
MSVOA_F
ClientSampleId :
VF0305SBL01

Tgt Ion:117 Resp: 403478

Ion	Ratio	Lower	Upper
117	100		
82	48.6	42.6	63.8
119	32.8	26.0	39.0

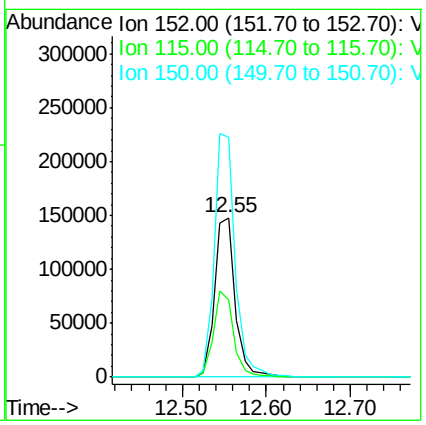


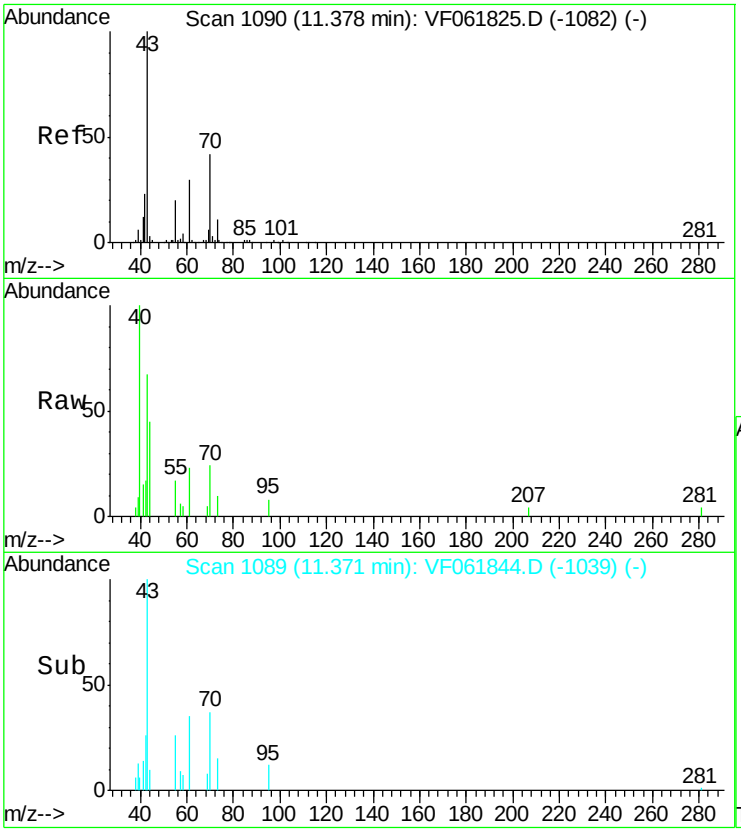


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF061844.D
Acq: 5 Mar 2019 14:28

Tgt Ion:152 Resp: 251674

Ion	Ratio	Lower	Upper
152	100		
115	48.2	27.7	83.1
150	149.9	0.0	304.2



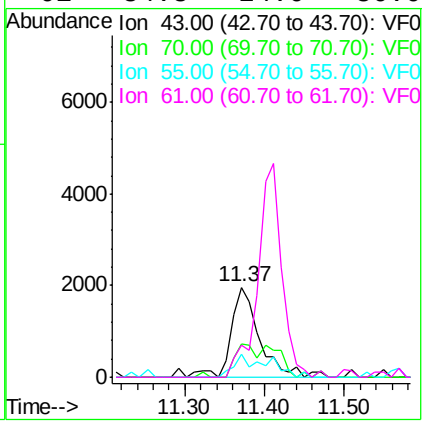


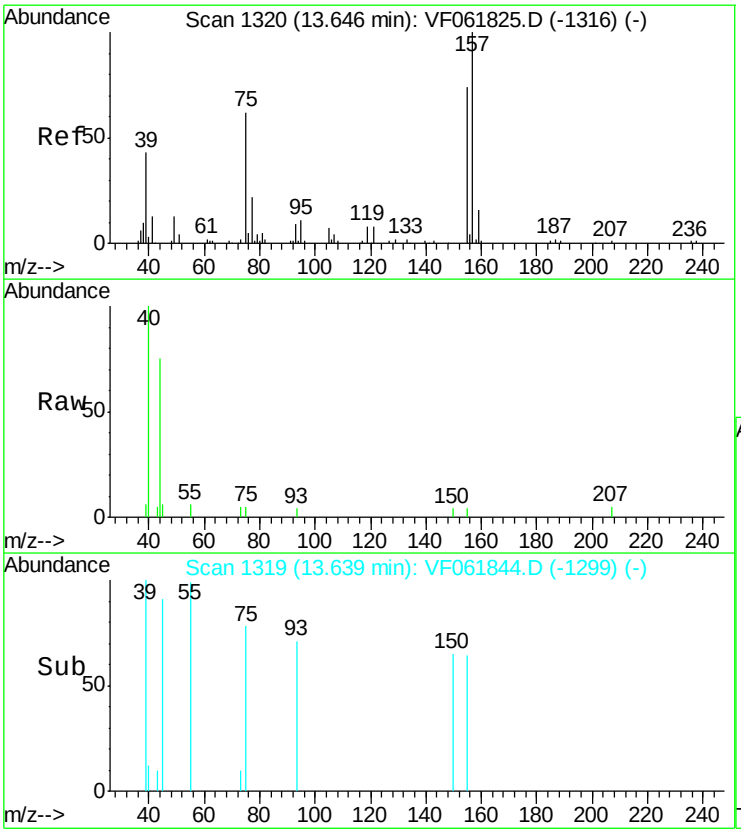
#74
N-amyl acetate
Concen: 1.238 ug/l
RT: 11.37 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VF061844.D
Acq: 5 Mar 2019 14:28

Instrument : MSVOA_F
ClientSampleId : VF0305SBL01

Tgt Ion: 43 Resp: 4938

Ion	Ratio	Lower	Upper
43	100		
70	36.7	33.4	50.0
55	25.9	16.3	24.5#
61	34.8	24.0	36.0

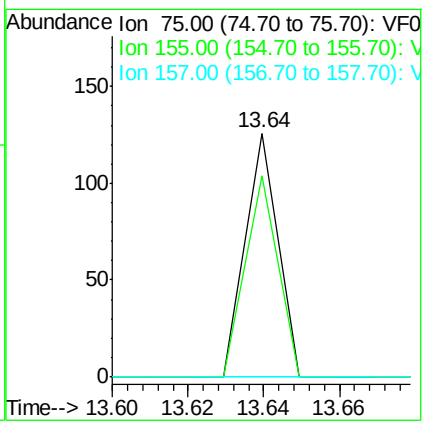


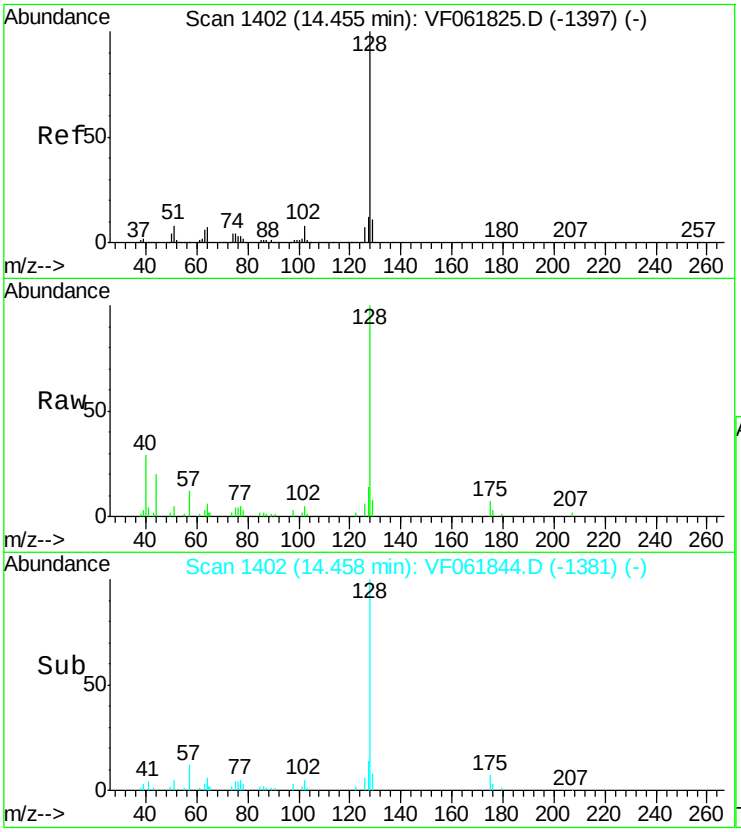


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.906 ug/l
RT: 13.64 min Scan# 1319
Delta R.T. -0.01 min
Lab File: VF061844.D
Acq: 5 Mar 2019 14:28

Tgt Ion: 75 Resp: 75

Ion	Ratio	Lower	Upper
75	100		
155	82.5	59.8	179.4
157	0.0	81.2	243.4#





#95
Naphthalene
Concen: 1.215 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. 0.00 min
Lab File: VF061844.D
Acq: 5 Mar 2019 14:28

Instrument :
MSVOA_F
ClientSampleId :
VF0305SBL01

Tgt Ion:128 Resp: 11379

Ion	Ratio	Lower	Upper
128	100		
127	13.9	9.3	13.9#
129	8.1	8.8	13.2#