Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122818\
Data File : VF061226.D
Acq On : 28 Dec 2018 10:23
Operator : VA/AP
Sample : VF1228SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF1228SBL01

Quant Time: Dec 29 00:52:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	221562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	373276	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	349652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	188673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	135263	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.94%			
35) Dibromofluoromethane	4.11	113	169511	56.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.38%			
50) Toluene-d8	7.55	98	430701	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.66%			
62) 4-Bromofluorobenzene	11.41	95	214212	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.66%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.56	59	163	1.417	ug/l #	1
13) Acrolein	2.00	56	622	7.485	ug/l #	48
15) Acrylonitrile	2.93	53	1568	5.897	ug/l #	91
16) Acetone	2.19	43	576	1.011	ug/l	100
20) Methylene Chloride	2.26	84	2164	Below Cal #		66
25) 2-Butanone	4.35	43	1867	2.021	ug/l	93
29) Tetrahydrofuran	4.06	42	646	1.718	ug/l #	64
49) 1,4-Dioxane	6.55	88	63	5.717	ug/l #	1
51) 4-Methyl-2-Pentanone	8.26	43	3976	2.665	ug/l #	83
59) 2-Hexanone	9.50	43	4371	4.051	ug/l	90
70) Styrene	10.79	104	1178	Below Cal #		60
74) N-amyl acetate	11.38	43	5635	1.561	ug/l	95
78) n-propylbenzene	11.60	91	2759	Below Cal		96
87) 1,3-Dichlorobenzene	12.47	146	1365	Below Cal		91
95) Naphthalene	14.46	128	9838	1.214	ug/l	97

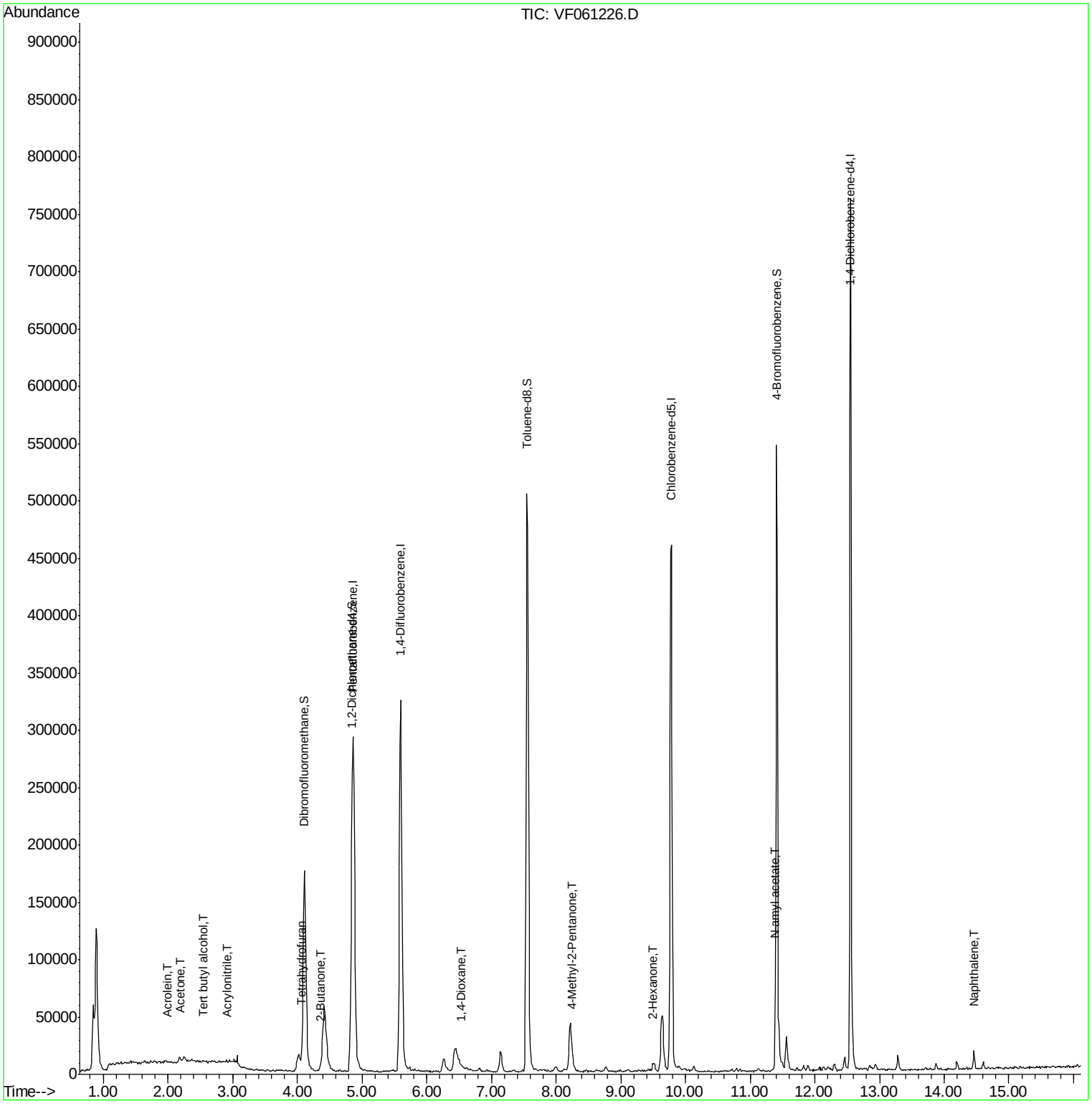
(#) = qualifier out of range (m) = manual integration (+) = signals summed

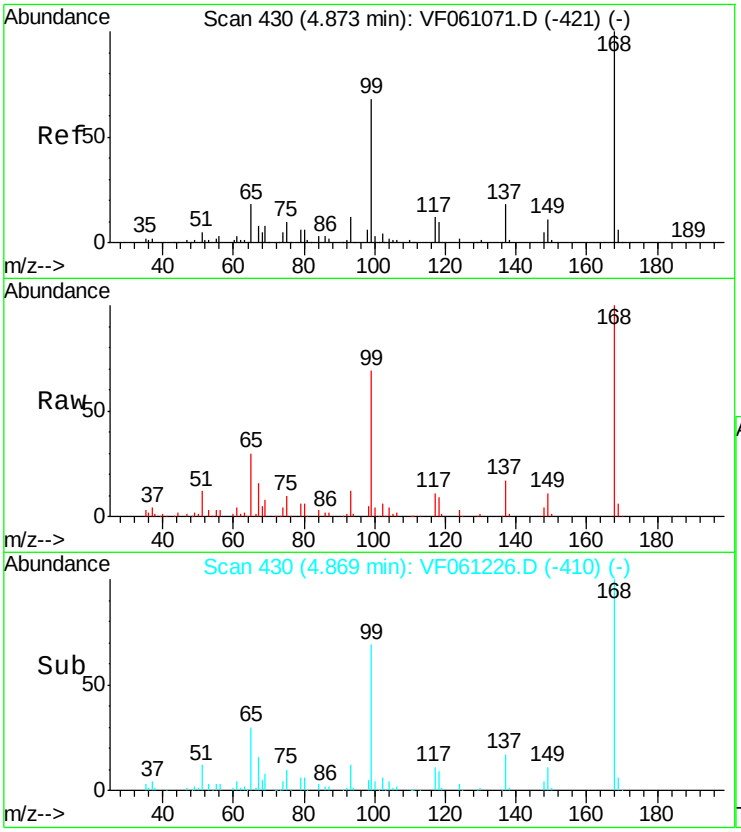
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122818\
Data File : VF061226.D
Acq On : 28 Dec 2018 10:23
Operator : VA/AP
Sample : VF1228SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF1228SBL01

Quant Time: Dec 29 00:52:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration



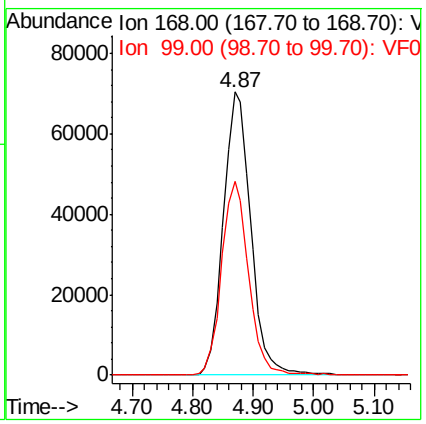


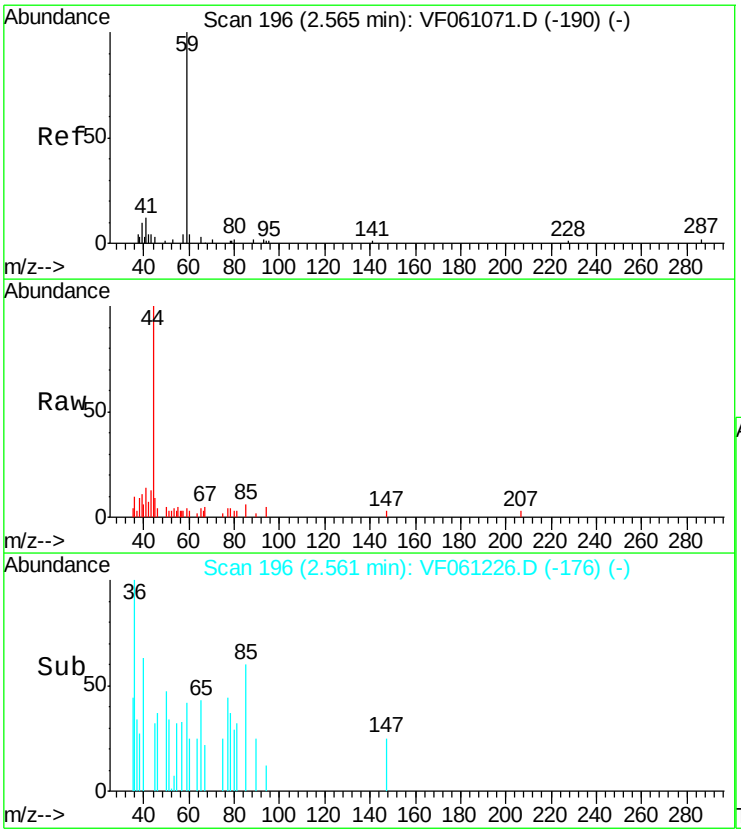
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.00 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBL01

Tgt Ion:168 Resp: 221562

Ion	Ratio	Lower	Upper
168	100		
99	68.7	54.4	81.6

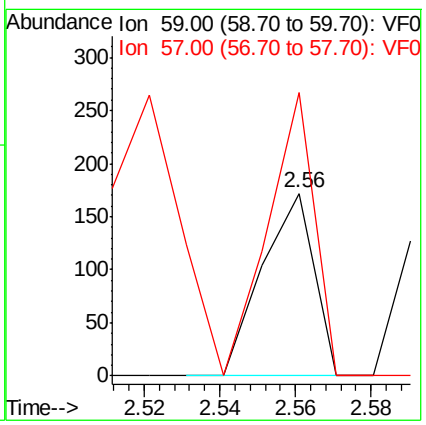


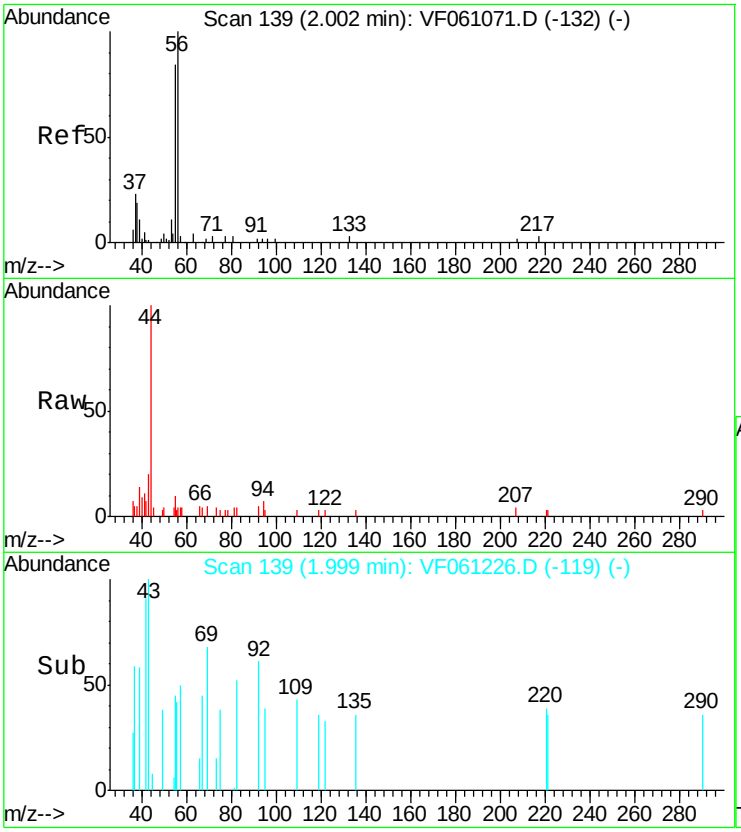


#11
Tert butyl alcohol
Concen: 1.417 ug/l
RT: 2.56 min Scan# 196
Delta R.T. -0.00 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Tgt Ion: 59 Resp: 163

Ion	Ratio	Lower	Upper
59	100		
57	155.2	11.5	17.3#



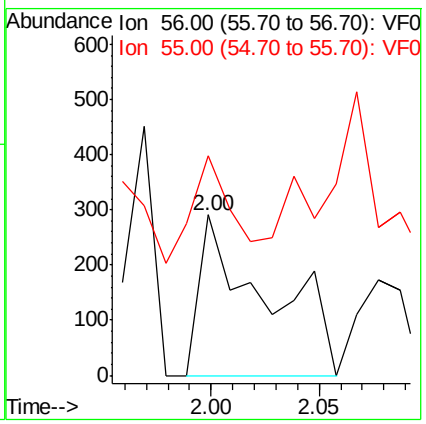


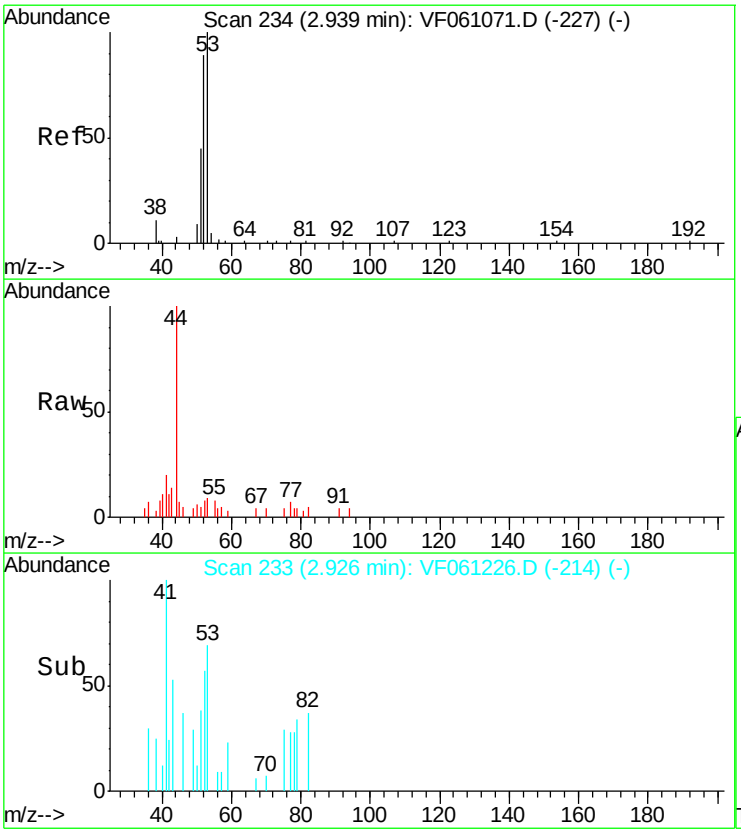
#13
Acrolein
Concen: 7.485 ug/l
RT: 2.00 min Scan# 139
Delta R.T. -0.00 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Instrument : MSVOA_F
ClientSampleId : VF1228SBL01

Tgt Ion: 56 Resp: 622

Ion	Ratio	Lower	Upper
56	100		
55	136.4	70.2	105.2#

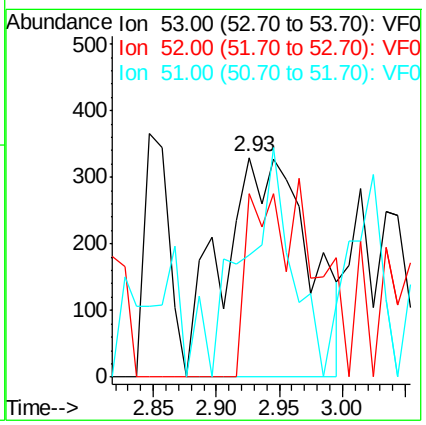


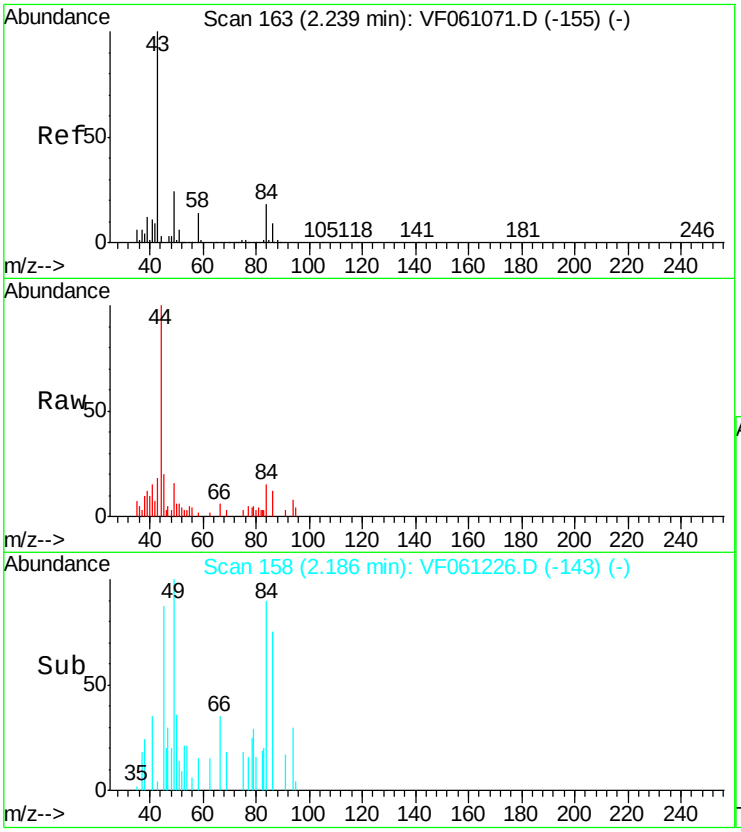


#15
Acrylonitrile
Concen: 5.897 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.01 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Tgt Ion: 53 Resp: 1568

Ion	Ratio	Lower	Upper
53	100		
52	83.3	71.3	106.9
51	55.5	36.8	55.2#



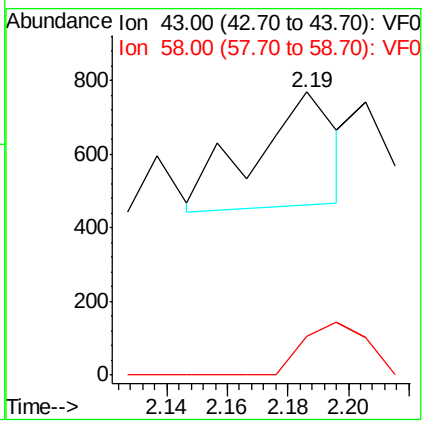


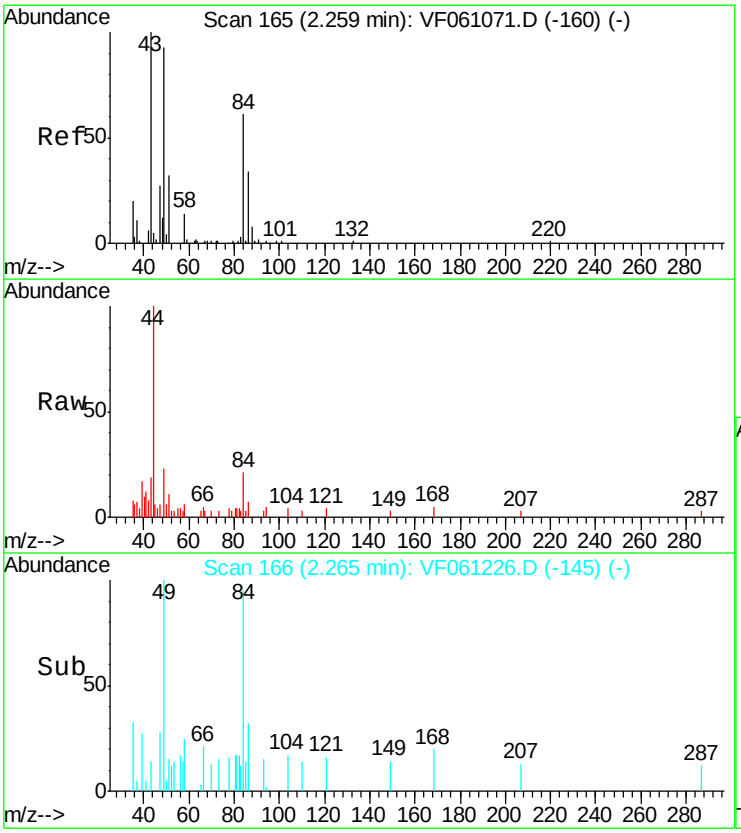
#16
Acetone
Concen: 1.011 ug/l
RT: 2.19 min Scan# 158
Delta R.T. -0.05 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Instrument : MSVOA_F
ClientSampleId : VF1228SBL01

Tgt Ion: 43 Resp: 576

Ion	Ratio	Lower	Upper
43	100		
58	13.8	11.1	16.7

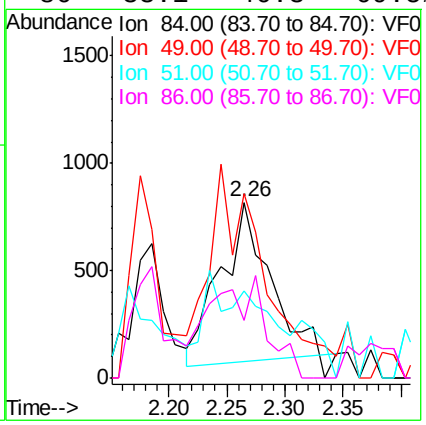


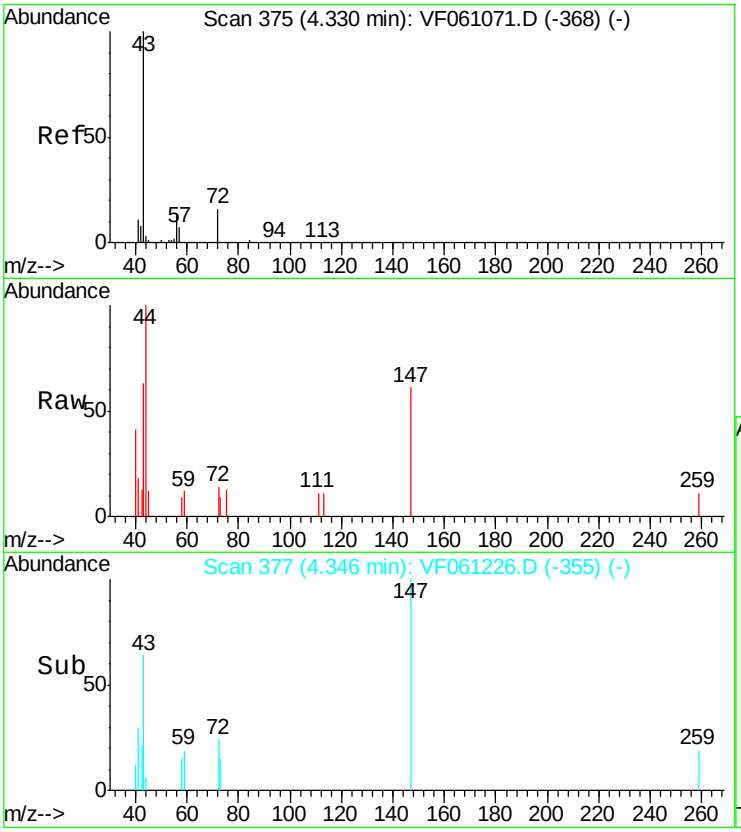


#20
Methylene Chloride
Concen: Below Cal
RT: 2.26 min Scan# 166
Delta R.T. 0.01 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Tgt Ion: 84 Resp: 2164

Ion	Ratio	Lower	Upper
84	100		
49	105.1	129.4	194.2#
51	49.3	44.0	66.0
86	33.1	46.3	69.5#



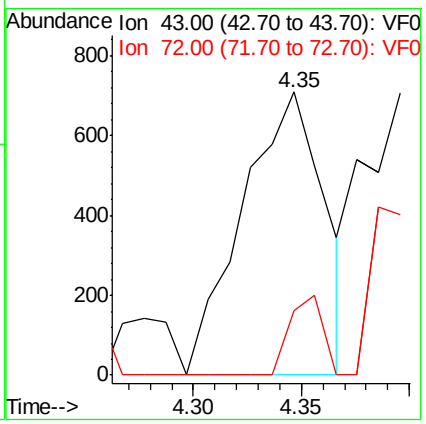


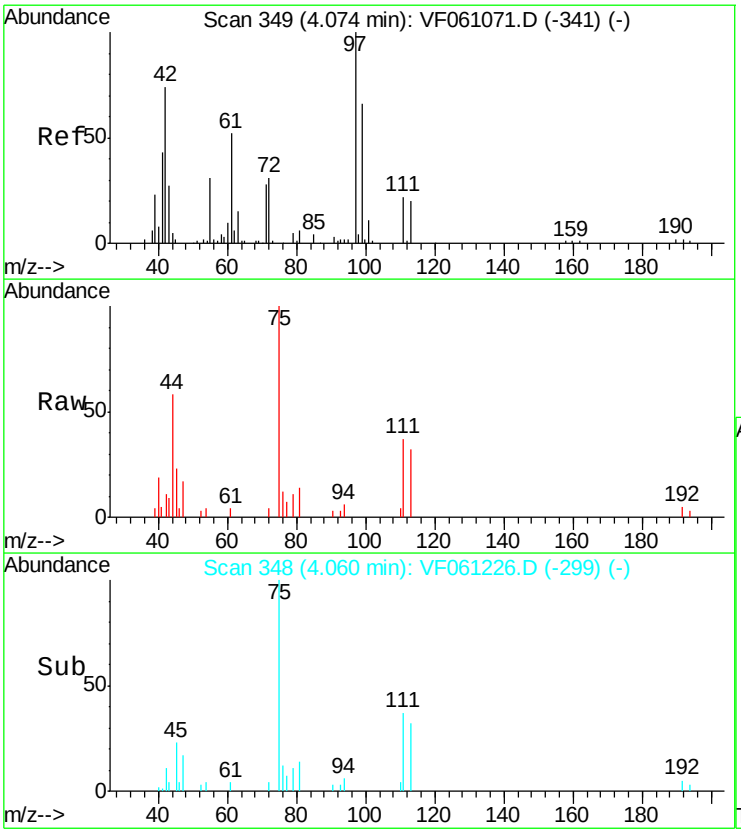
#25
2-Butanone
Concen: 2.021 ug/l
RT: 4.35 min Scan# 377
Delta R.T. 0.02 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBL01

Tgt Ion: 43 Resp: 1867

Ion	Ratio	Lower	Upper
43	100		
72	22.7	15.6	23.4

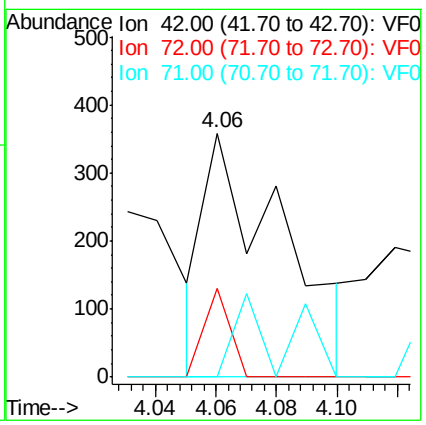


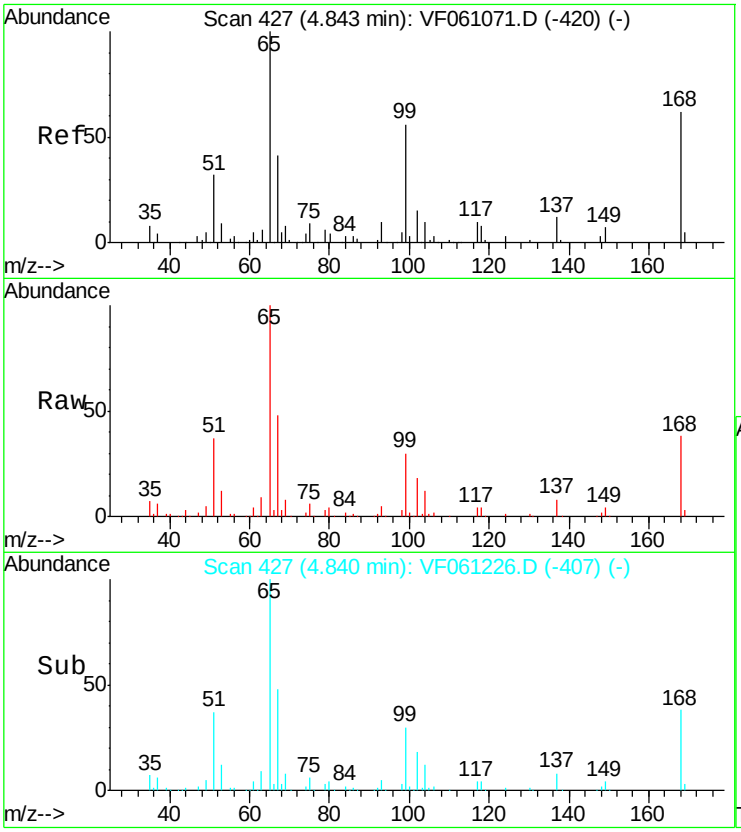


#29
Tetrahydrofuran
Concen: 1.718 ug/l
RT: 4.06 min Scan# 348
Delta R.T. -0.01 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Tgt Ion: 42 Resp: 646

Ion	Ratio	Lower	Upper
42	100		
72	11.9	31.8	47.8#
71	21.1	29.7	44.5#



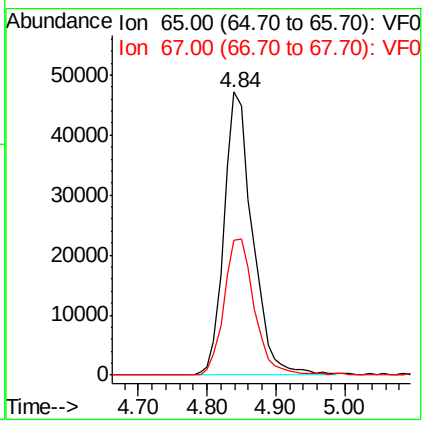


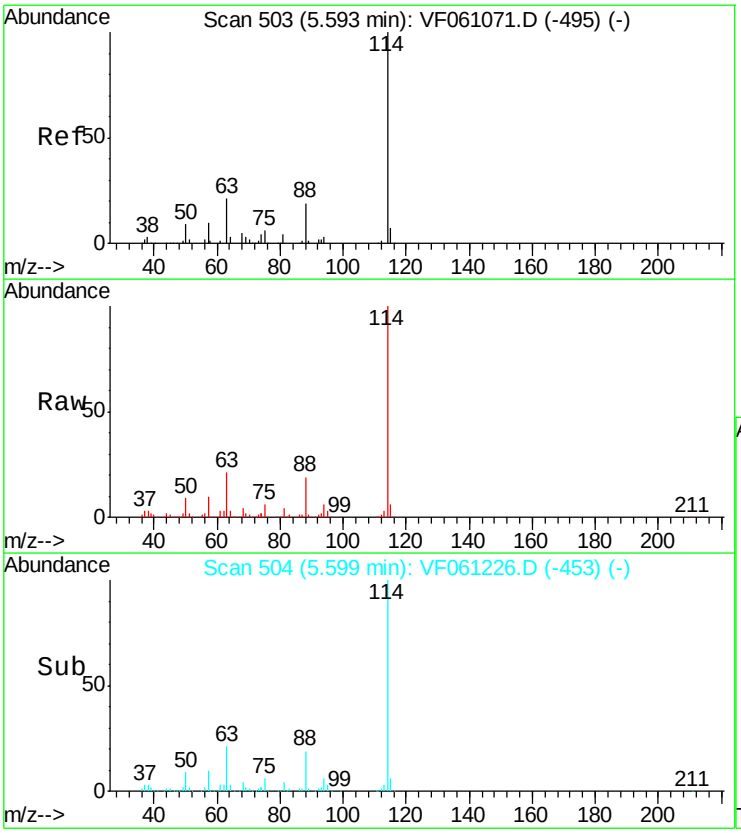
#33
1,2-Dichloroethane-d4
Concen: 47.466 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.00 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBL01

Tgt Ion: 65 Resp: 135263

Ion	Ratio	Lower	Upper
65	100		
67	47.7	0.0	94.6

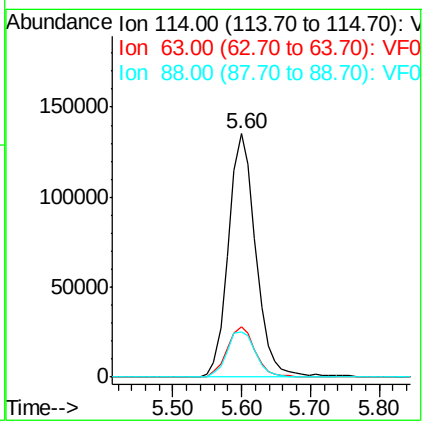


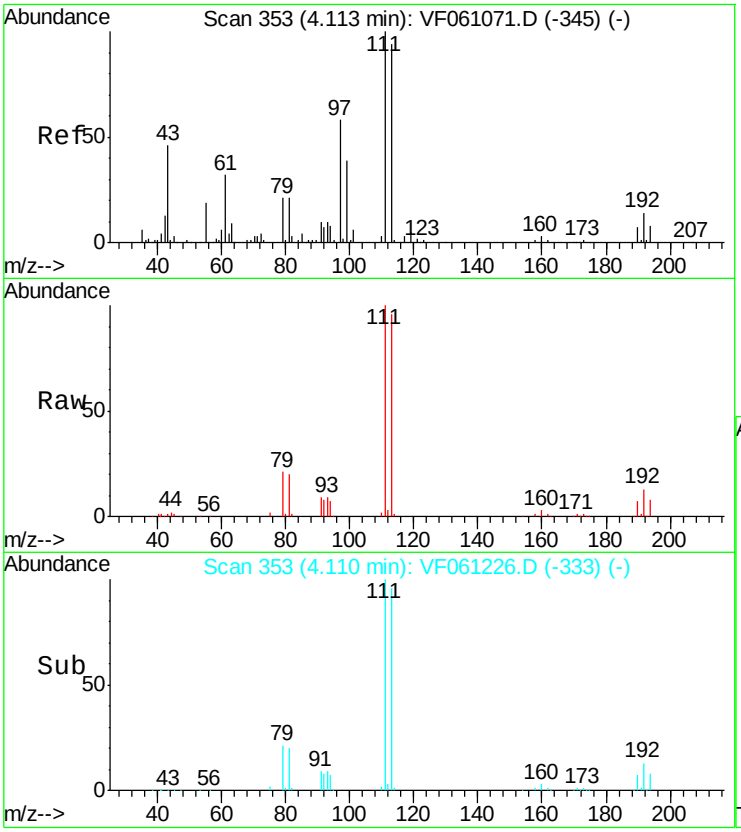


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Tgt Ion:114 Resp: 373276

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	41.6
88	18.5	0.0	38.0



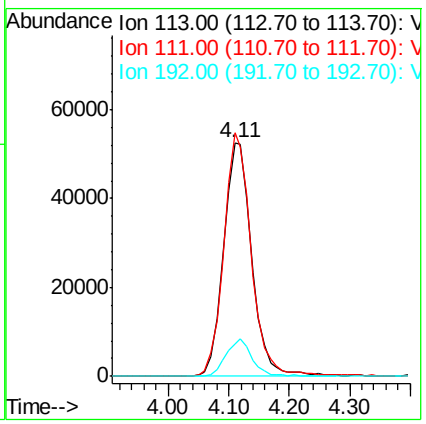


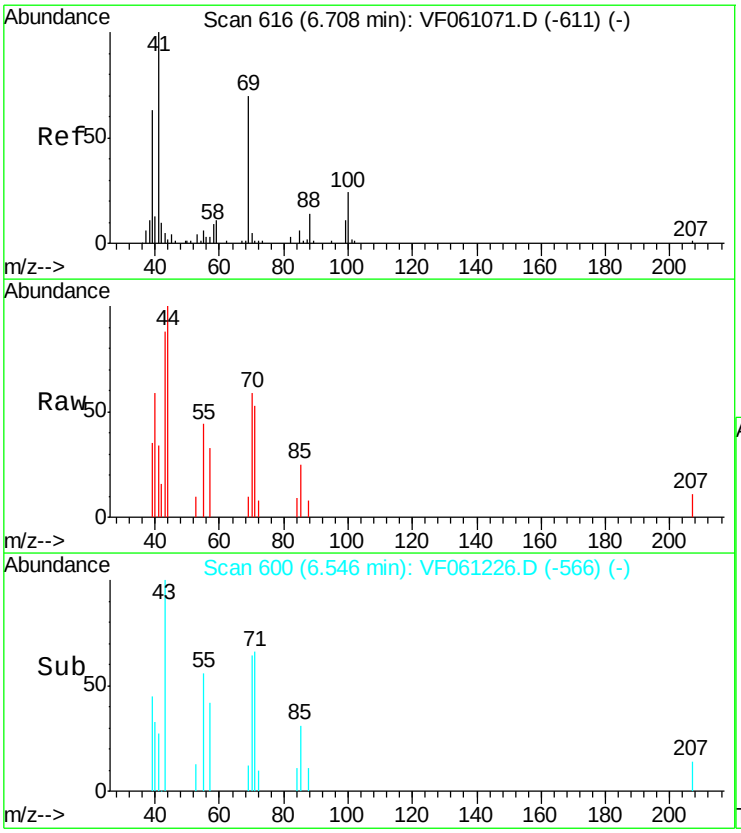
#35
Dibromofluoromethane
Concen: 56.690 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.00 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBL01

Tgt Ion:113 Resp: 169511

Ion	Ratio	Lower	Upper
113	100		
111	104.2	85.2	127.8
192	14.5	12.8	19.2

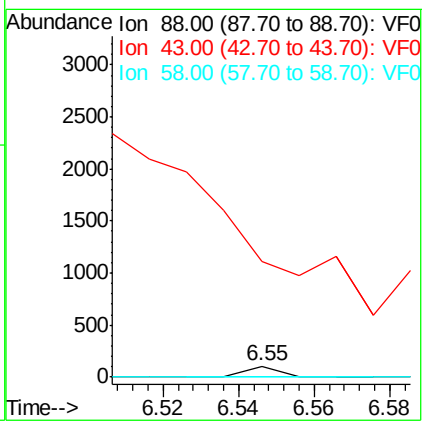


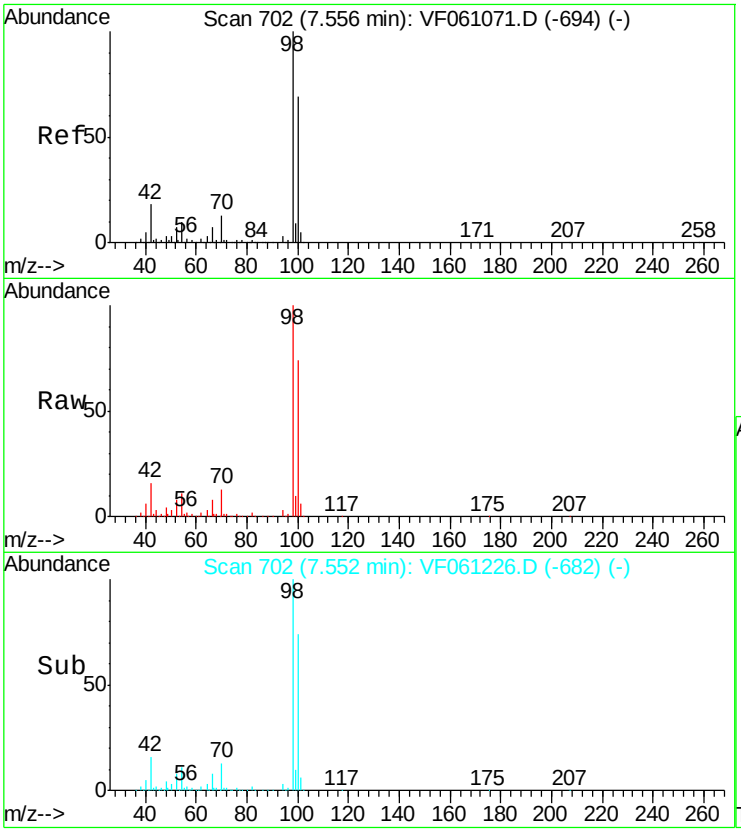


#49
1,4-Dioxane
Concen: 5.717 ug/l
RT: 6.55 min Scan# 600
Delta R.T. -0.16 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
43	1049.1	33.3	49.9#
58	0.0	53.2	79.8#



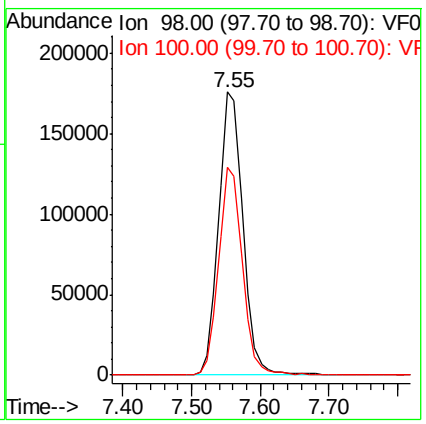


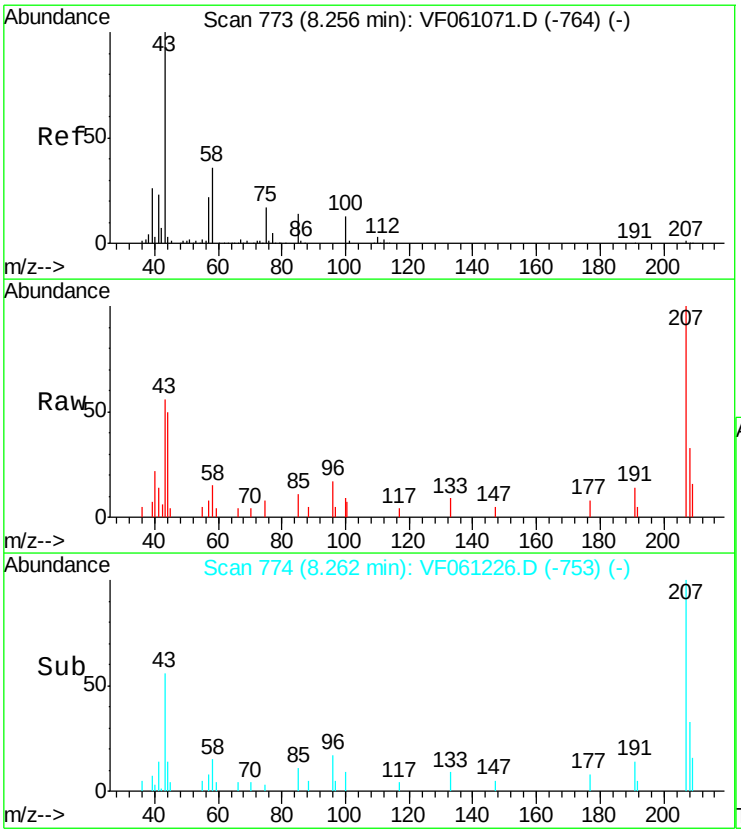
#50
Toluene-d8
Concen: 50.828 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.00 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBL01

Tgt Ion: 98 Resp: 430701

Ion	Ratio	Lower	Upper
98	100		
100	73.6	55.3	82.9

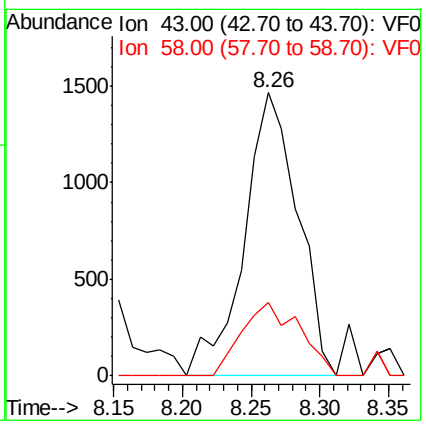


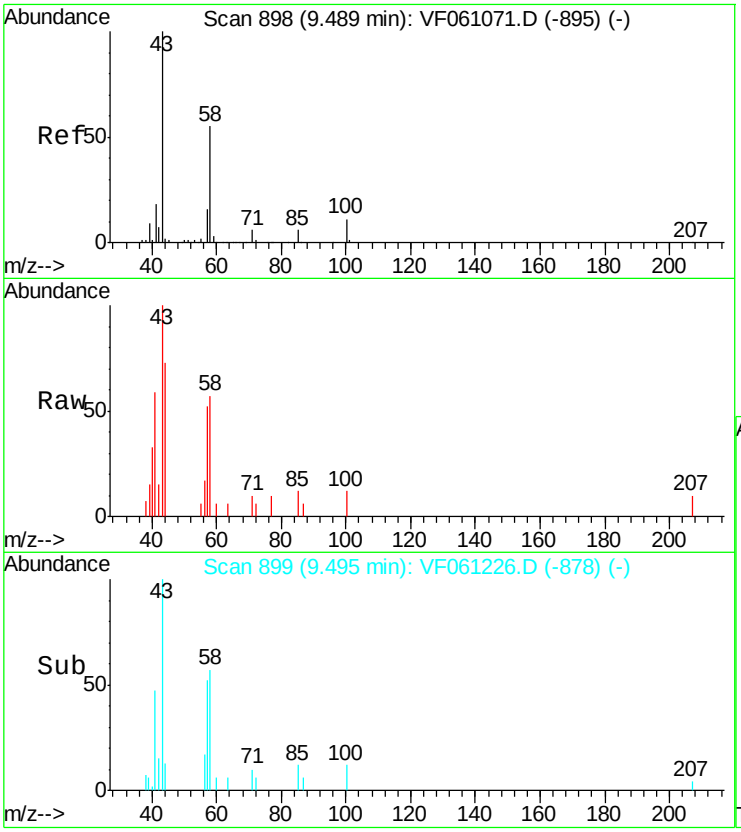


#51
4-Methyl-2-Pentanone
Concen: 2.665 ug/l
RT: 8.26 min Scan# 774
Delta R.T. 0.01 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Tgt Ion: 43 Resp: 3976

Ion	Ratio	Lower	Upper
43	100		
58	26.1	29.1	43.7#



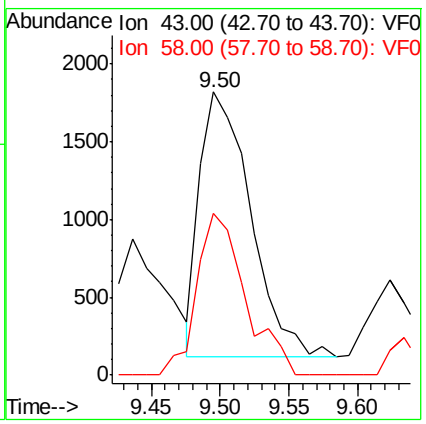


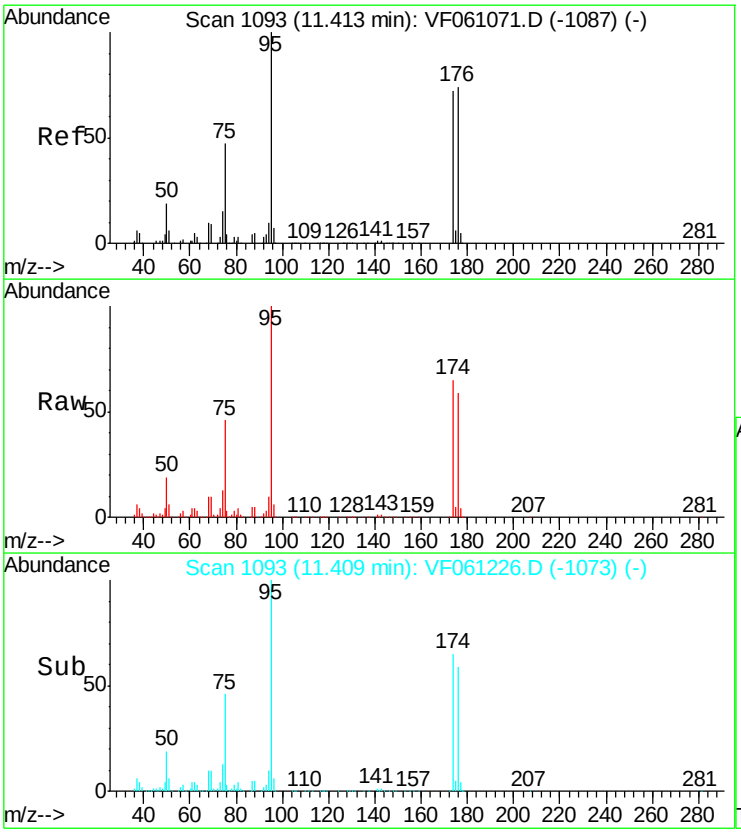
#59
2-Hexanone
Concen: 4.051 ug/l
RT: 9.50 min Scan# 899
Delta R.T. 0.01 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Instrument : MSVOA_F
ClientSampleId : VF1228SBL01

Tgt Ion: 43 Resp: 4371

Ion	Ratio	Lower	Upper
43	100		
58	57.3	25.1	75.2

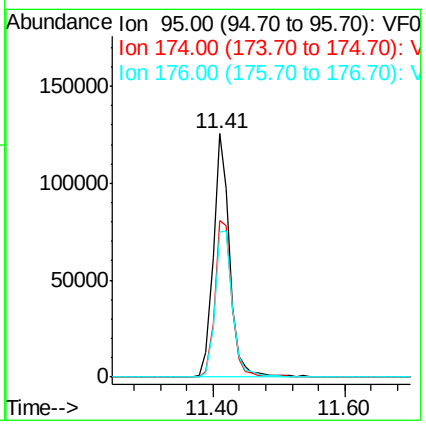


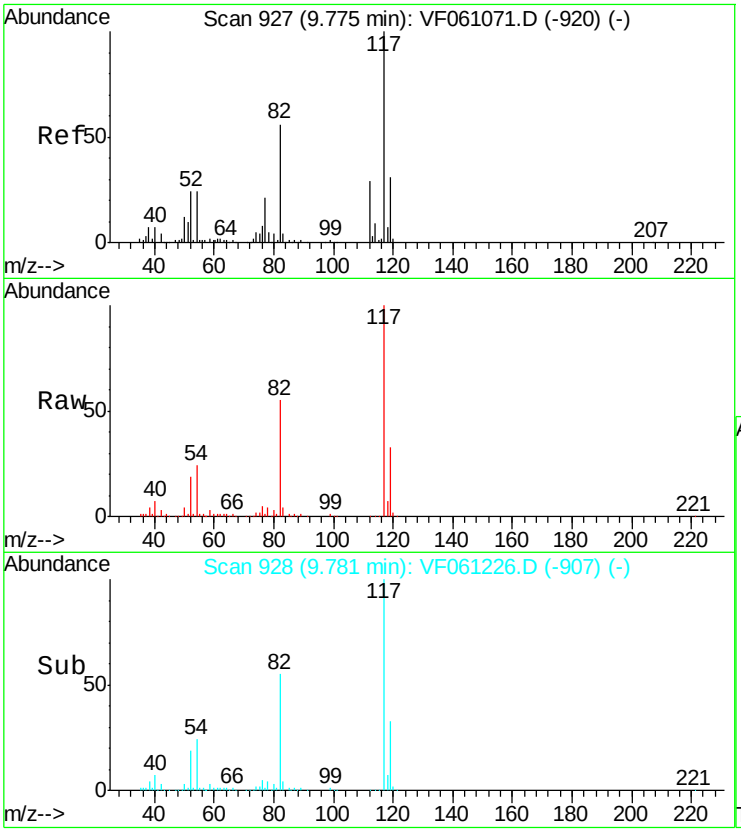


#62
4-Bromofluorobenzene
Concen: 54.835 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Tgt Ion: 95 Resp: 214212

Ion	Ratio	Lower	Upper
95	100		
174	64.5	0.0	143.8
176	59.4	0.0	147.6



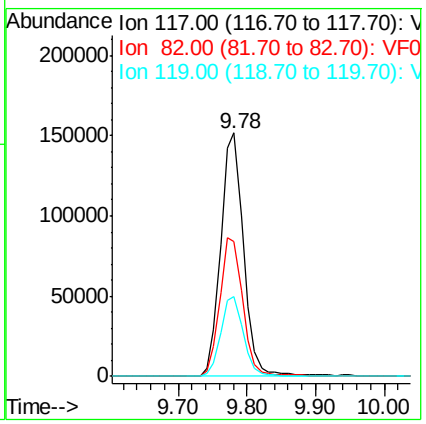


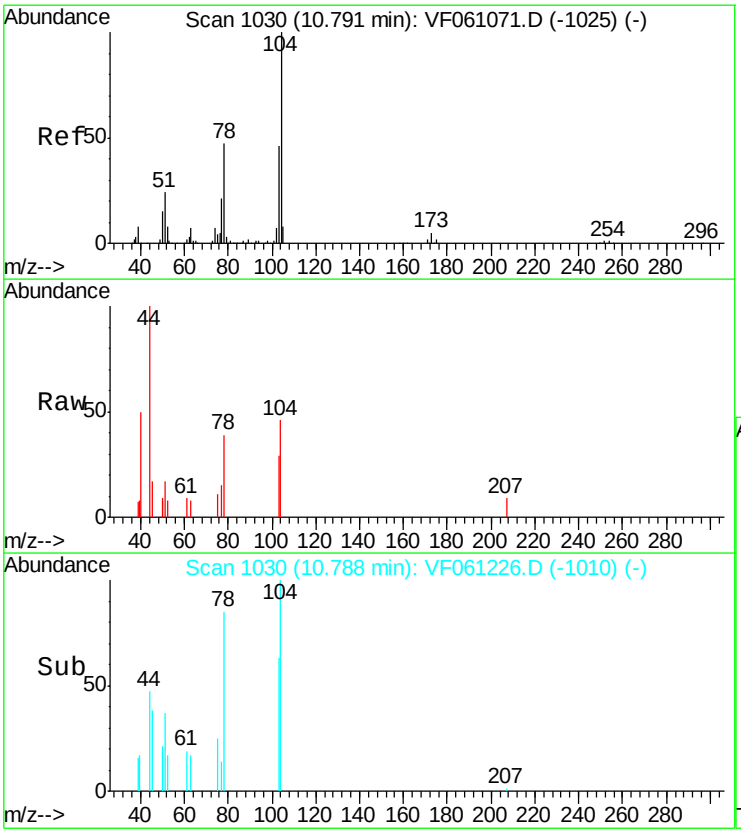
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBL01

Tgt Ion:117 Resp: 349652

Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.0	67.4
119	32.8	24.8	37.2

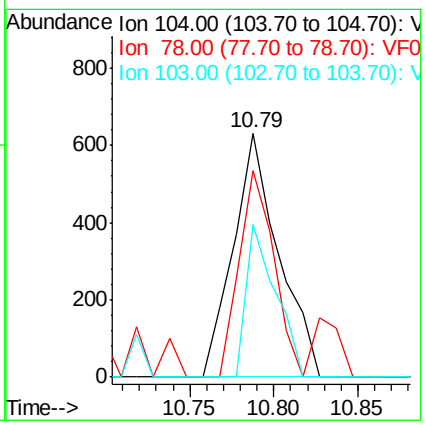


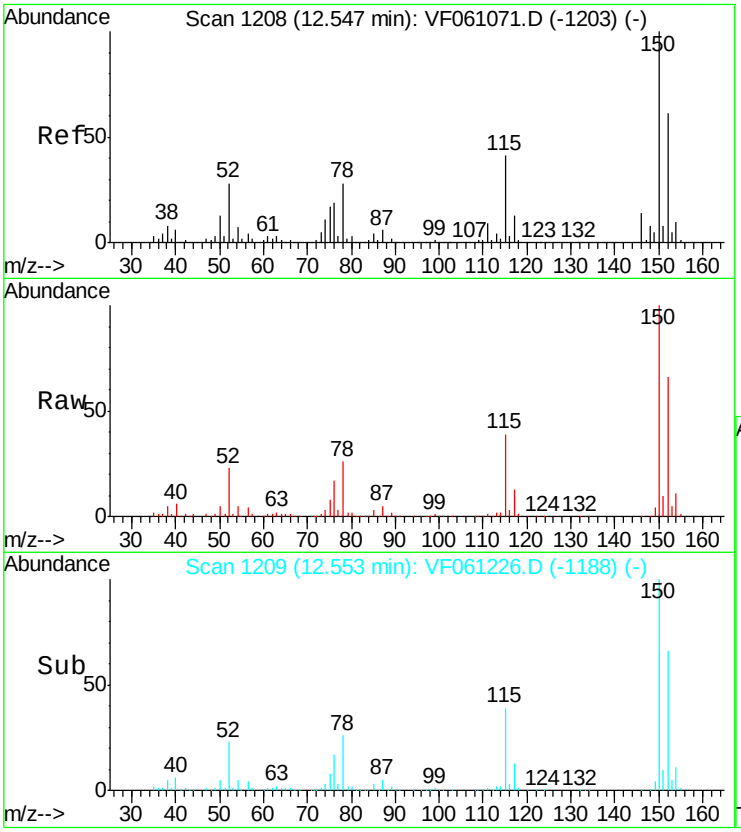


#70
Styrene
Concen: Below Cal
RT: 10.79 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Tgt Ion:104 Resp: 1178

Ion	Ratio	Lower	Upper
104	100		
78	84.8	38.4	57.6#
103	62.9	37.0	55.6#



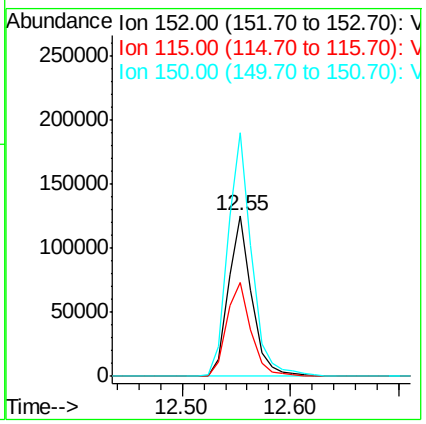


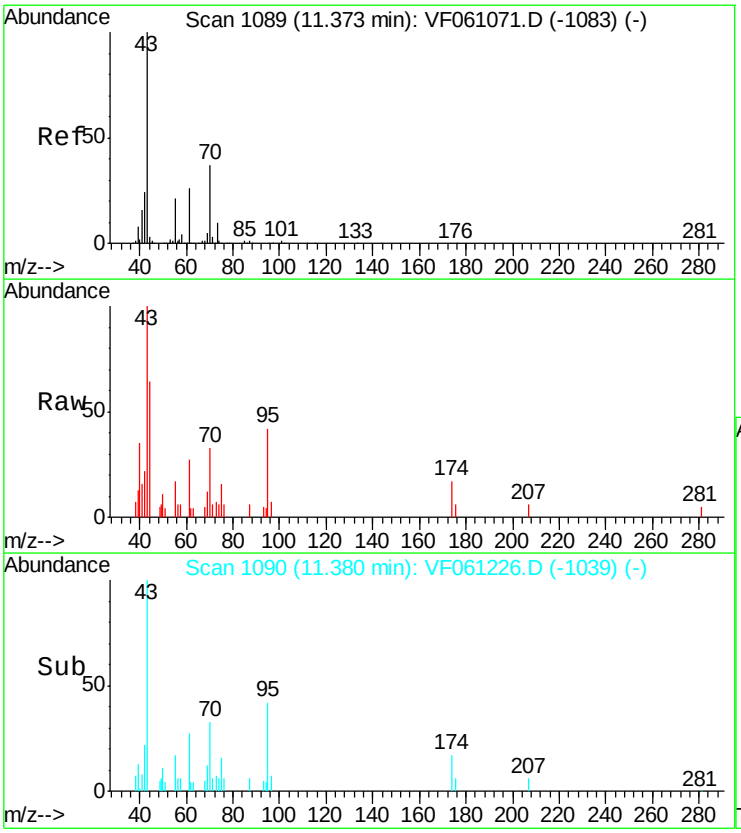
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Instrument :
MSVOA_F
ClientSampleId :
VF1228SBL01

Tgt Ion:152 Resp: 188673

Ion	Ratio	Lower	Upper
152	100		
115	58.5	33.3	99.9
150	151.7	0.0	328.2

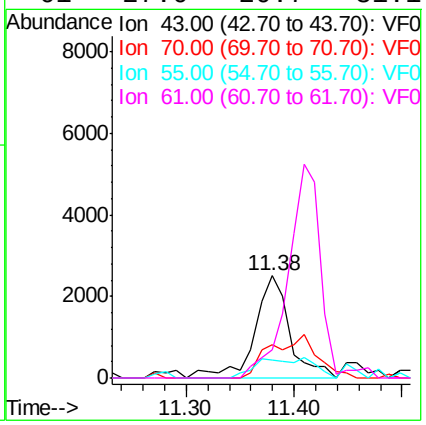


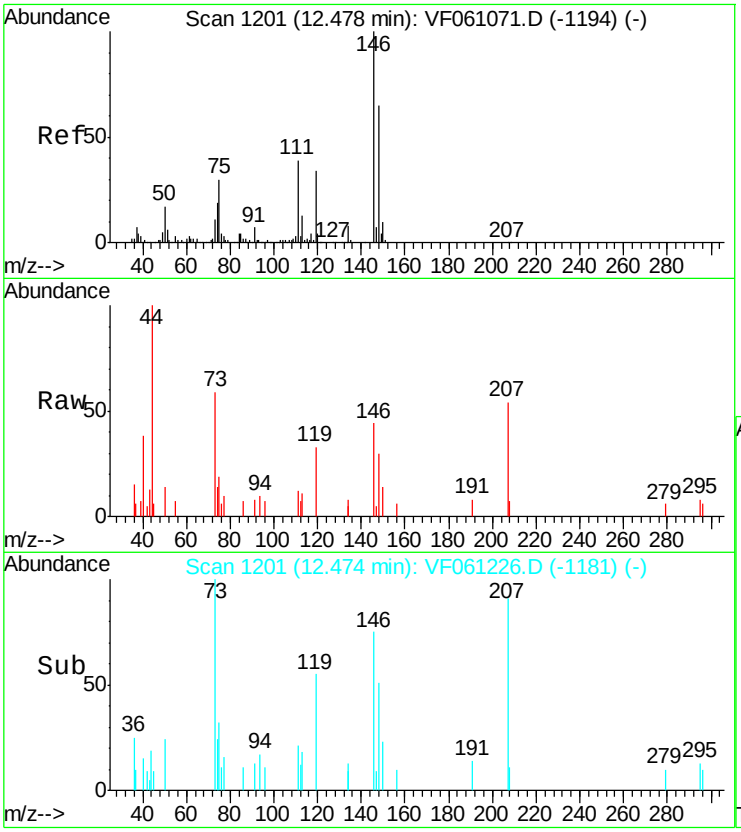


#74
N-amyl acetate
Concen: 1.561 ug/l
RT: 11.38 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Tgt Ion: 43 Resp: 5635

Ion	Ratio	Lower	Upper
43	100		
70	33.1	29.2	43.8
55	17.3	16.5	24.7
61	27.0	20.7	31.1



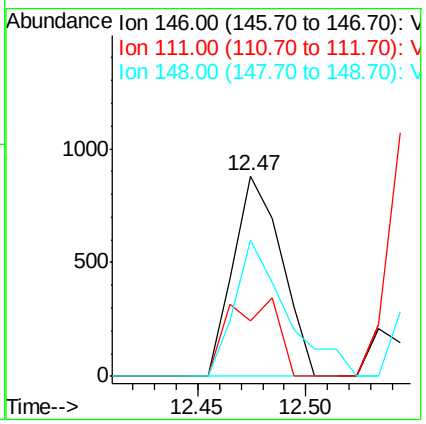


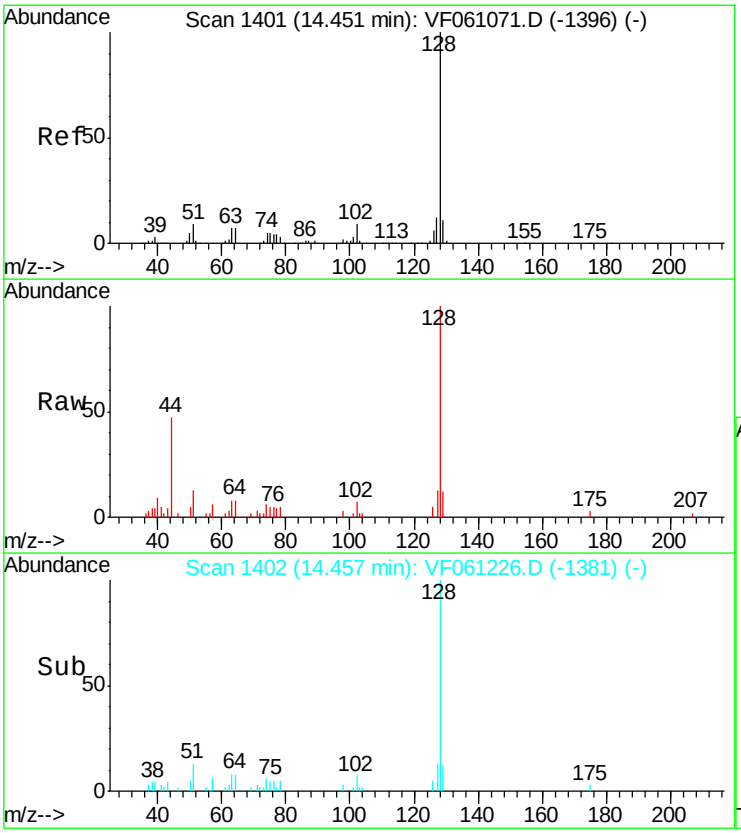
#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.47 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Instrument : MSVOA_F
ClientSampleId : VF1228SBL01

Tgt Ion:146 Resp: 1365

Ion	Ratio	Lower	Upper
146	100		
111	27.5	19.3	57.9
148	68.0	32.4	97.2





#95
Naphthalene
Concen: 1.214 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. 0.01 min
Lab File: VF061226.D
Acq: 28 Dec 2018 10:23

Tgt Ion:128 Resp: 9838

Ion	Ratio	Lower	Upper
128	100		
127	12.8	9.4	14.2
129	12.2	8.8	13.2