Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_F\DATA\VF022318\
Data File : VF056651.D
Acq On : 23 Feb 2018 12:45
Operator : JC/SY
Sample : VF0223SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0223SBL01

Quant Time: Feb 24 00:45:14 2018
Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F022018S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 21 08:56:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.79	168	467885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.51	114	734016	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.68	117	713156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.48	152	387635	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.75	65	290474	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.70%			
35) Dibromofluoromethane	4.02	113	275765	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.90%			
50) Toluene-d8	7.47	98	771248	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.22%			
62) 4-Bromofluorobenzene	11.34	95	378098	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.46%			
Target Compounds						Qvalue
6) Chloroethane	1.34	64	149	1.63	ug/l #	43
11) Tert butyl alcohol	2.48	59	775	2.03	ug/l #	58
13) Acrolein	1.95	56	555	1.36	ug/l	98
16) Acetone	2.18	43	4846	2.91	ug/l	97
18) Methyl Acetate	2.34	43	4005	Below Cal	#	64
20) Methylene Chloride	2.13	84	9748	3.08	ug/l #	81
28) Bromochloromethane	3.67	49	67	Below Cal	#	10
49) 1,4-Dioxane	6.62	88	71	1.55	ug/l #	26
59) 2-Hexanone	9.41	43	8679	2.06	ug/l	87
89) n-Butylbenzene	12.77	91	2368	Below Cal		92

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

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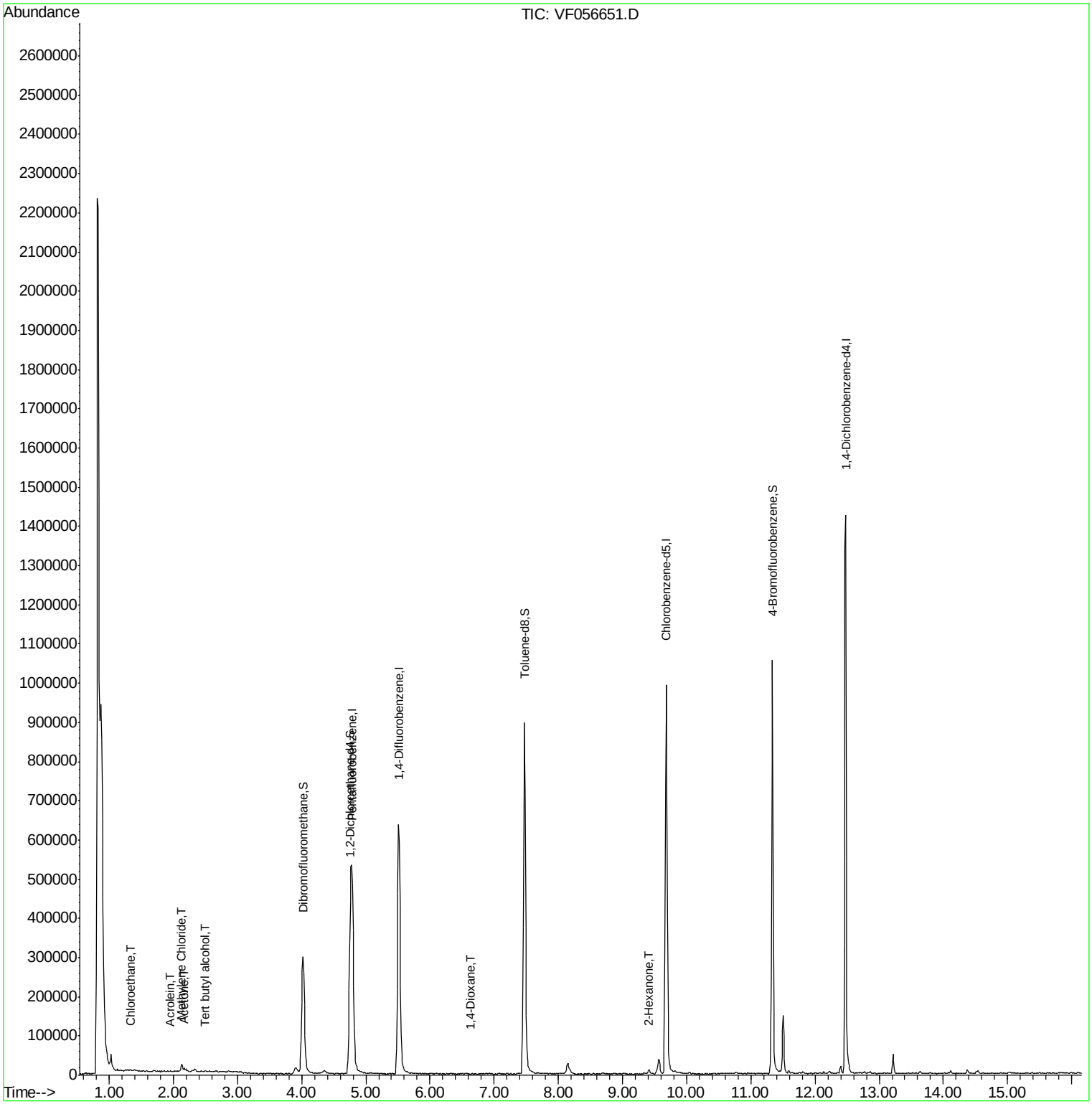
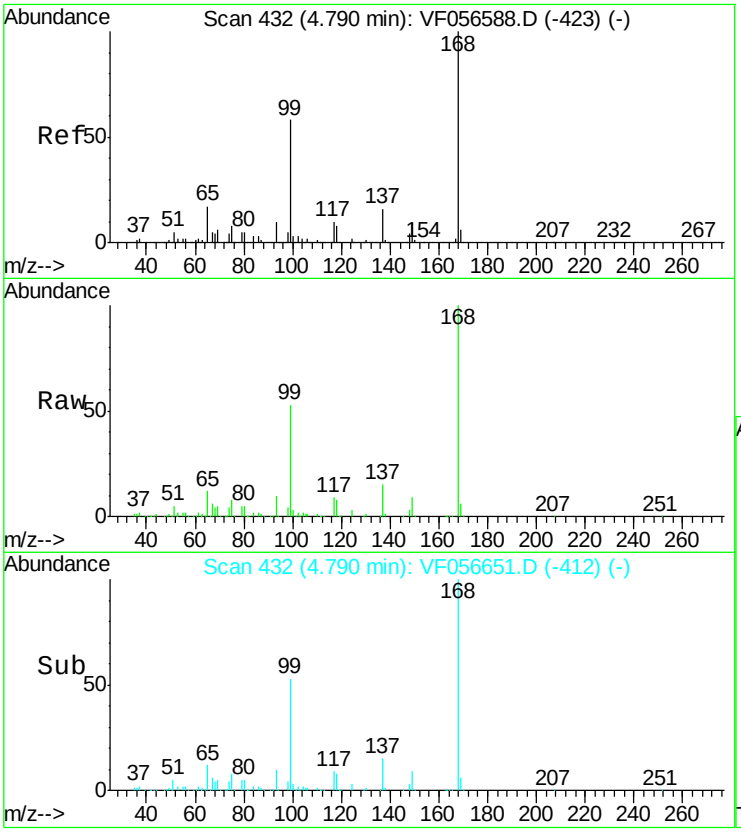


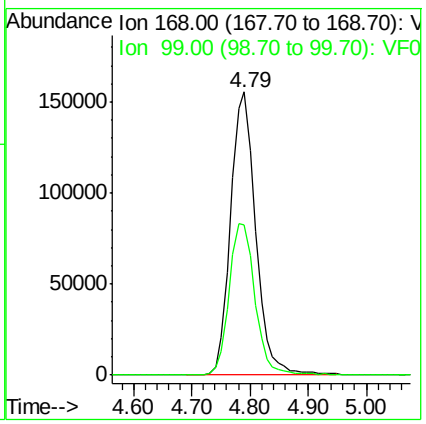


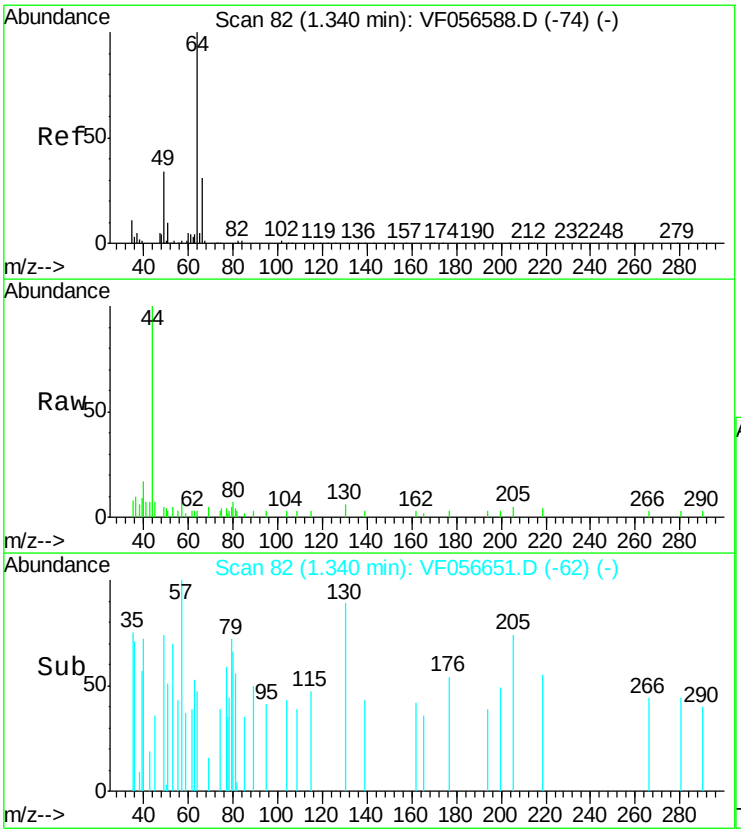
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.79 min Scan# 432
Delta R.T. -0.00 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

Instrument :
MSVOA_F
ClientSampleId :
VF0223SBL01

Tgt Ion:168 Resp: 467885

Ion	Ratio	Lower	Upper
168	100		
99	53.3	46.2	69.2

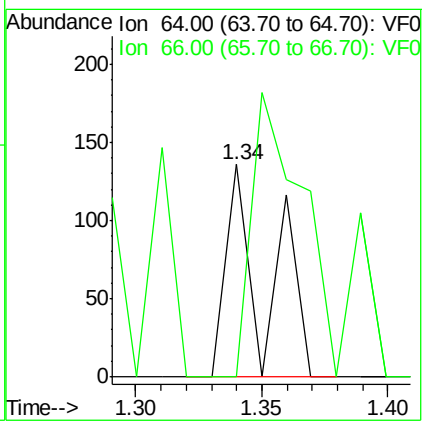


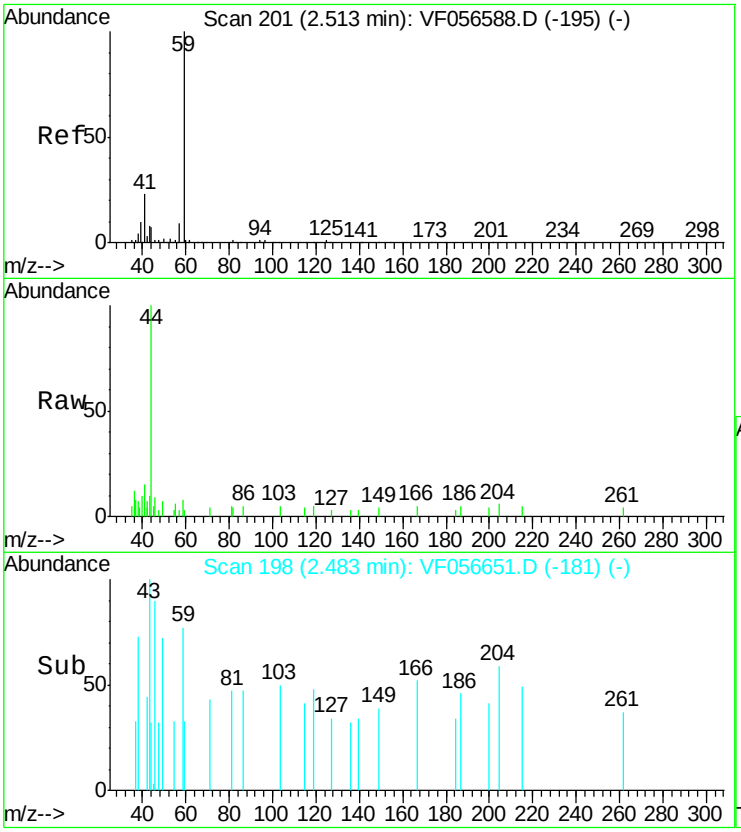


#6
Chloroethane
Concen: 1.63 ug/l
RT: 1.34 min Scan# 82
Delta R.T. -0.00 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

Tgt Ion: 64 Resp: 149

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.2#



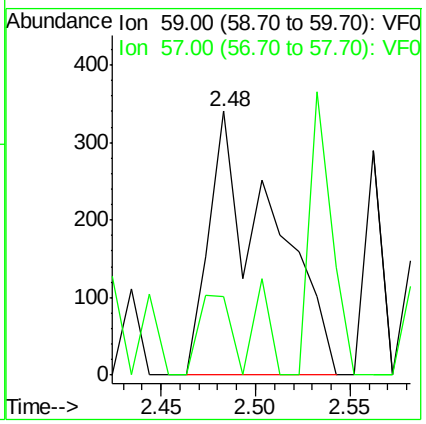


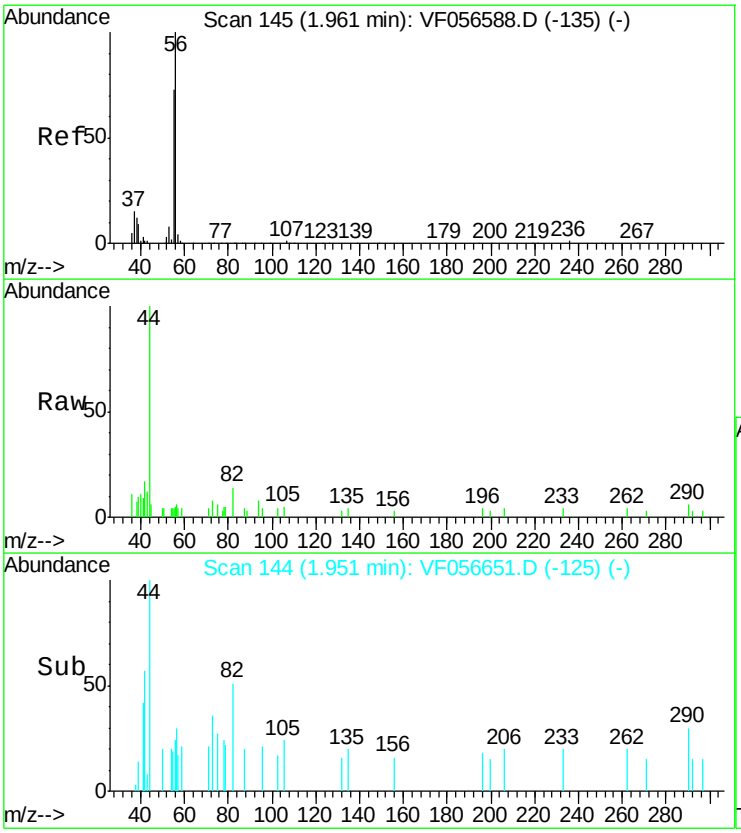
#11
Tert butyl alcohol
Concen: 2.03 ug/l
RT: 2.48 min Scan# 198
Delta R.T. -0.03 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

Instrument :
MSVOA_F
ClientSampleId :
VF0223SBL01

Tgt Ion: 59 Resp: 775

Ion	Ratio	Lower	Upper
59	100		
57	29.7	10.3	15.5#

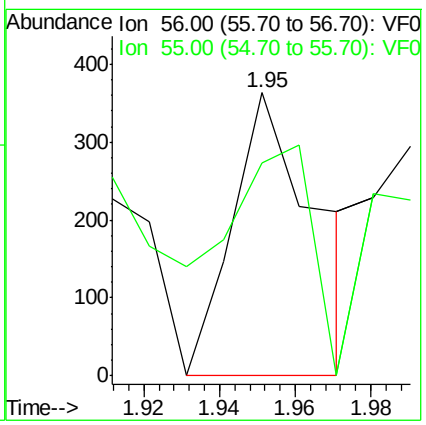


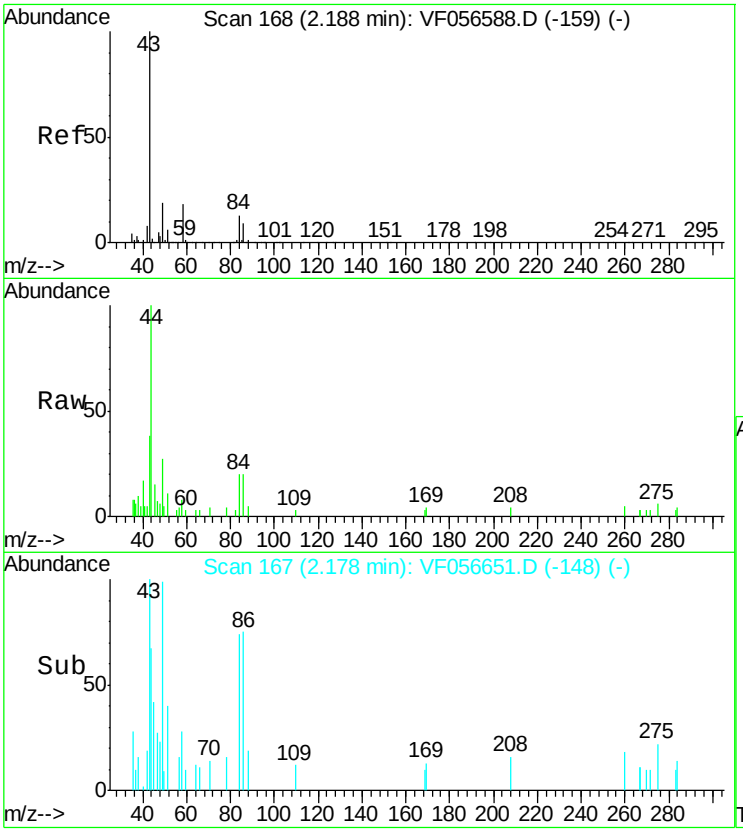


#13
Acrolein
Concen: 1.36 ug/l
RT: 1.95 min Scan# 144
Delta R.T. -0.01 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

Tgt Ion: 56 Resp: 555

Ion	Ratio	Lower	Upper
56	100		
55	75.2	58.6	88.0



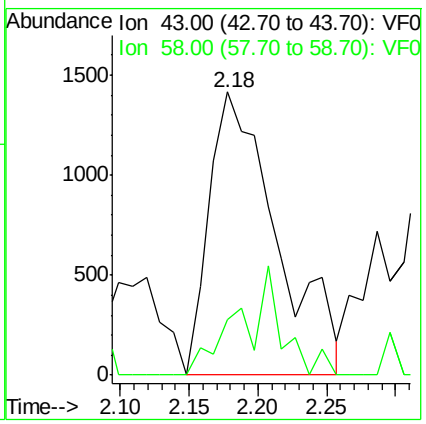


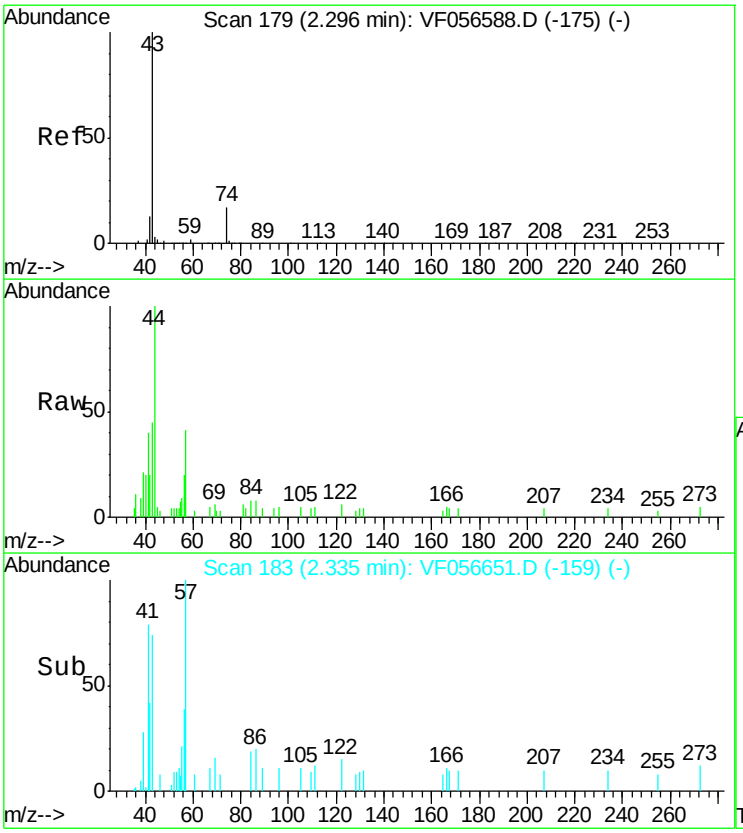
#16
Acetone
Concen: 2.91 ug/l
RT: 2.18 min Scan# 167
Delta R.T. -0.01 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

Instrument :
MSVOA_F
ClientSampleId :
VF0223SBL01

Tgt Ion: 43 Resp: 4846

Ion	Ratio	Lower	Upper
43	100		
58	19.8	14.7	22.1

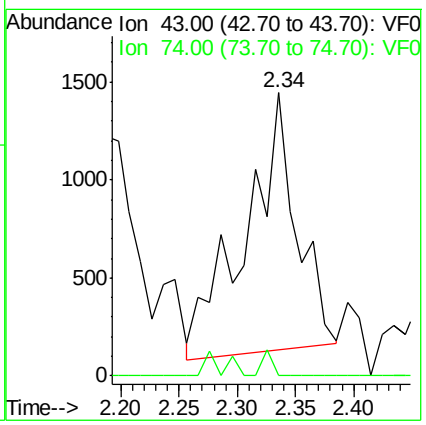


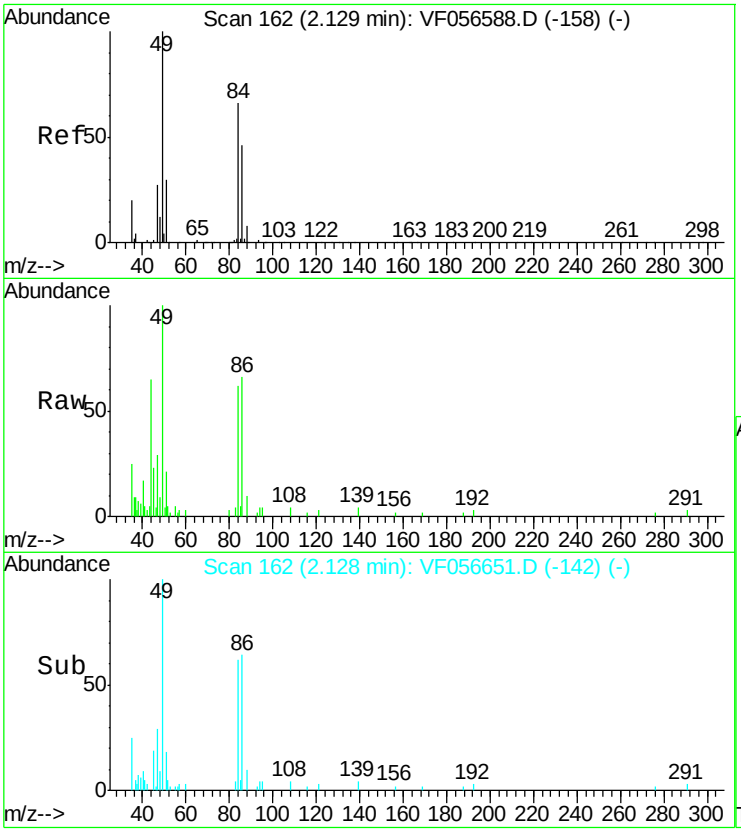


#18
Methyl Acetate
Concen: Below Cal
RT: 2.34 min Scan# 183
Delta R.T. 0.04 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

Tgt Ion: 43 Resp: 4005

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.0	18.0#



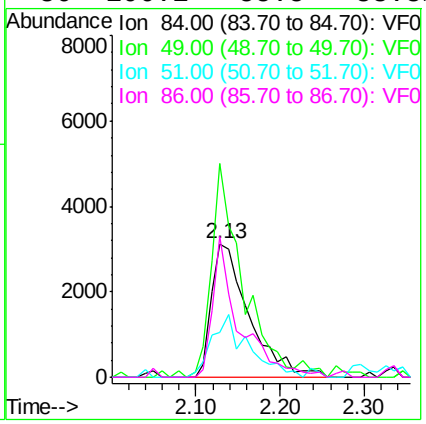


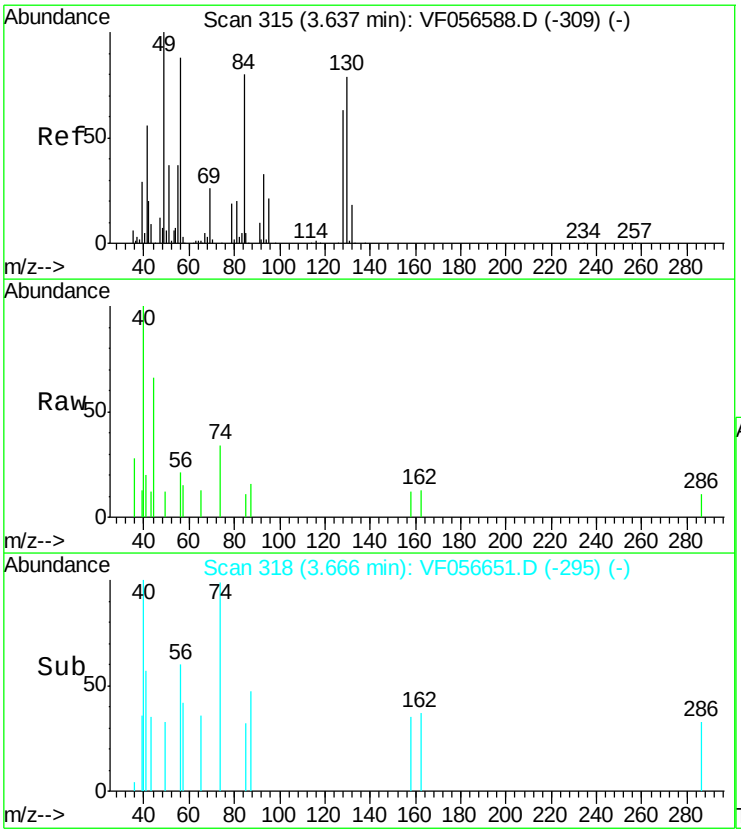
#20
Methylene Chloride
Concen: 3.08 ug/l
RT: 2.13 min Scan# 162
Delta R.T. -0.00 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

Instrument : MSVOA_F
ClientSampleId : VF0223SBL01

Tgt Ion: 84 Resp: 9748

Ion	Ratio	Lower	Upper
84	100		
49	160.4	121.4	182.0
51	33.4	37.1	55.7#
86	106.1	55.5	83.3#

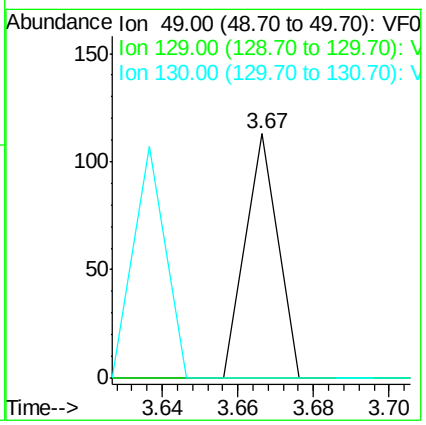


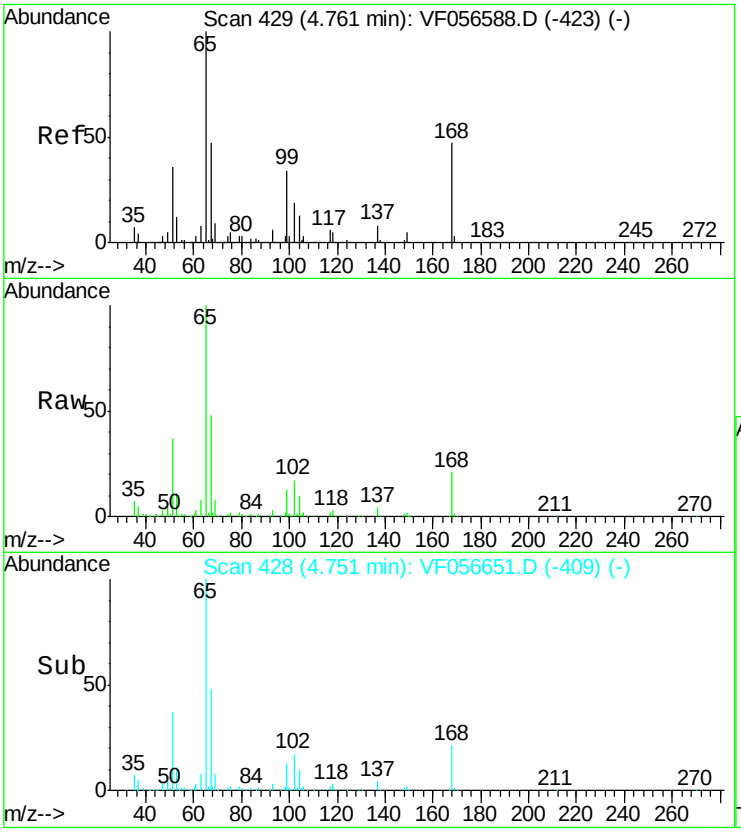


#28
Bromochloromethane
Concen: Below Cal
RT: 3.67 min Scan# 318
Delta R.T. 0.03 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

Tgt Ion: 49 Resp: 67

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	0.0	63.4	95.0#



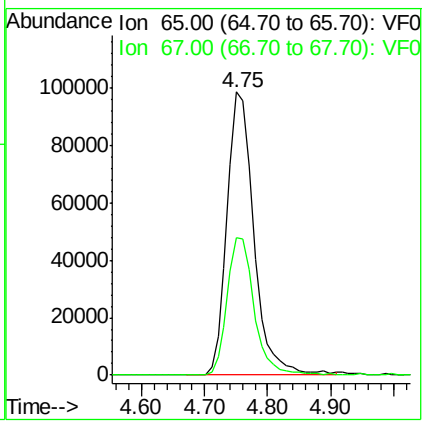


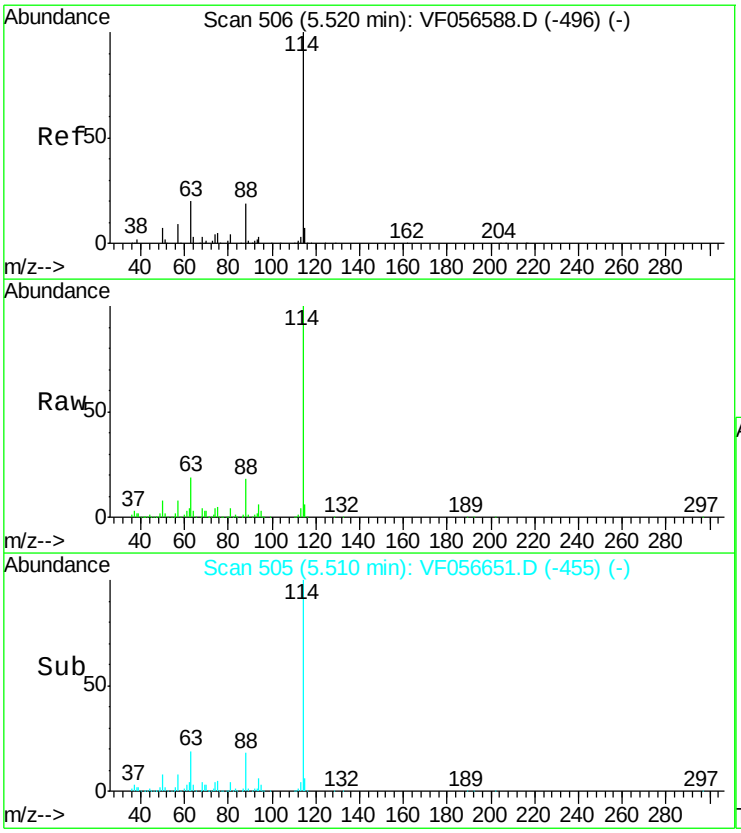
#33
1,2-Dichloroethane-d4
Concen: 51.35 ug/l
RT: 4.75 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

Instrument :
MSVOA_F
ClientSampleId :
VF0223SBL01

Tgt Ion: 65 Resp: 290474

Ion	Ratio	Lower	Upper
65	100		
67	48.4	0.0	103.0

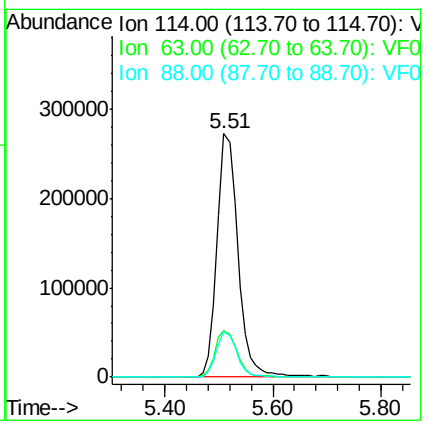


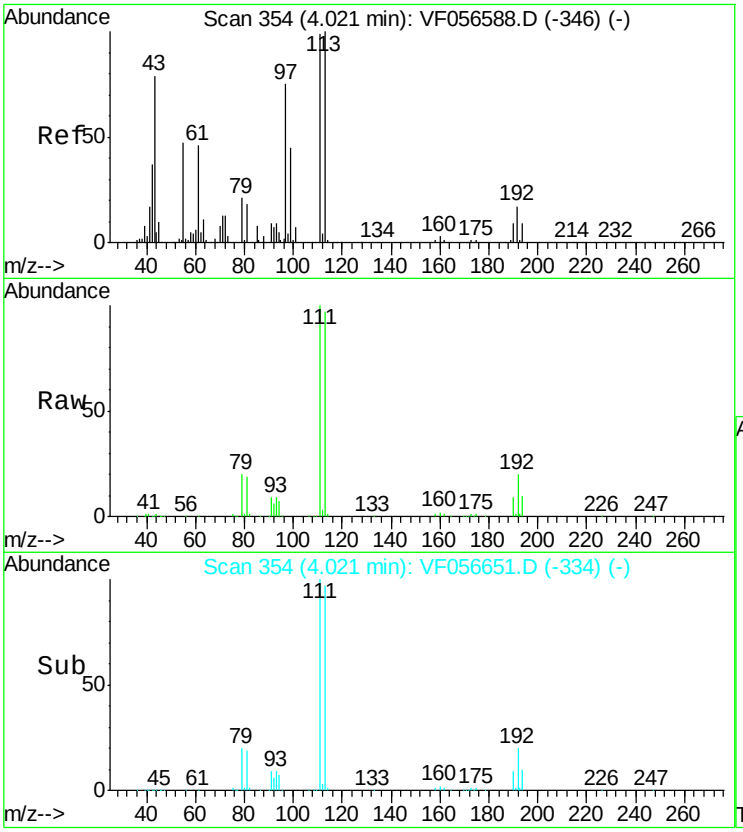


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.51 min Scan# 505
Delta R.T. -0.01 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

Tgt Ion:114 Resp: 734016

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.6
88	18.3	0.0	37.8



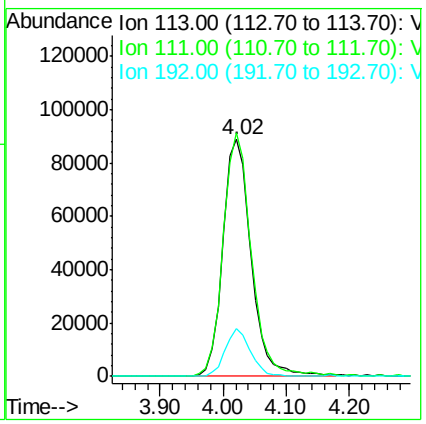


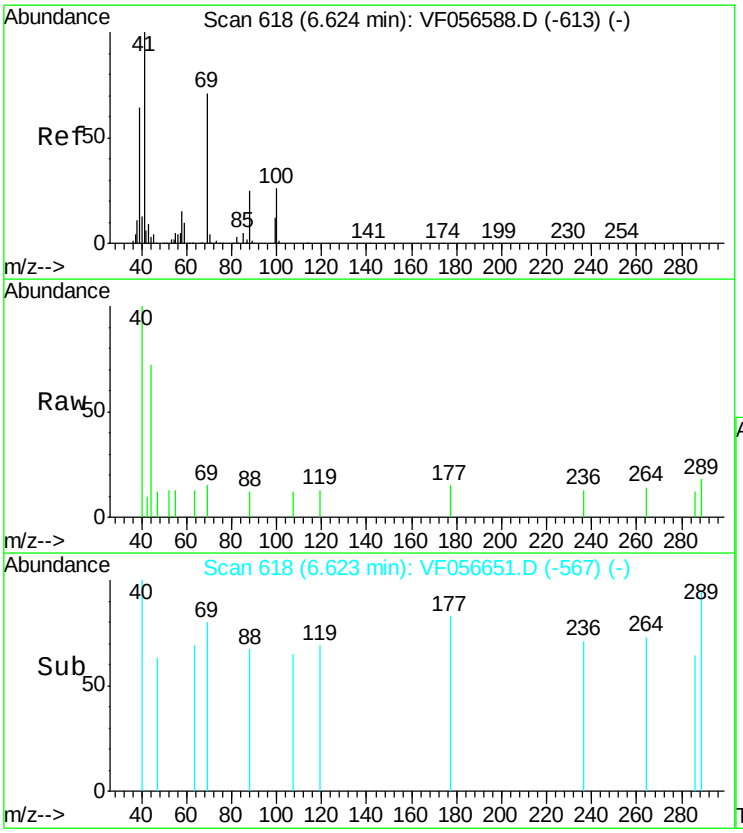
#35
Dibromofluoromethane
Concen: 49.95 ug/l
RT: 4.02 min Scan# 354
Delta R.T. -0.00 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

Instrument :
MSVOA_F
ClientSampleId :
VF0223SBL01

Tgt Ion:113 Resp: 275765

Ion	Ratio	Lower	Upper
113	100		
111	102.8	79.1	118.7
192	20.4	13.9	20.9

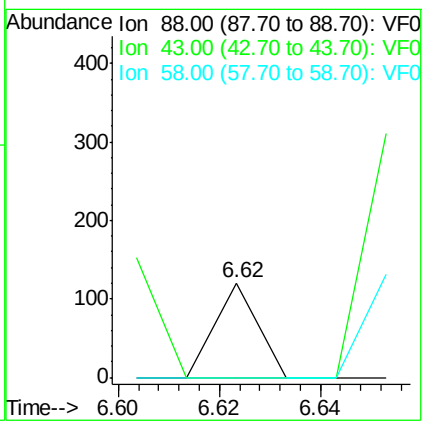


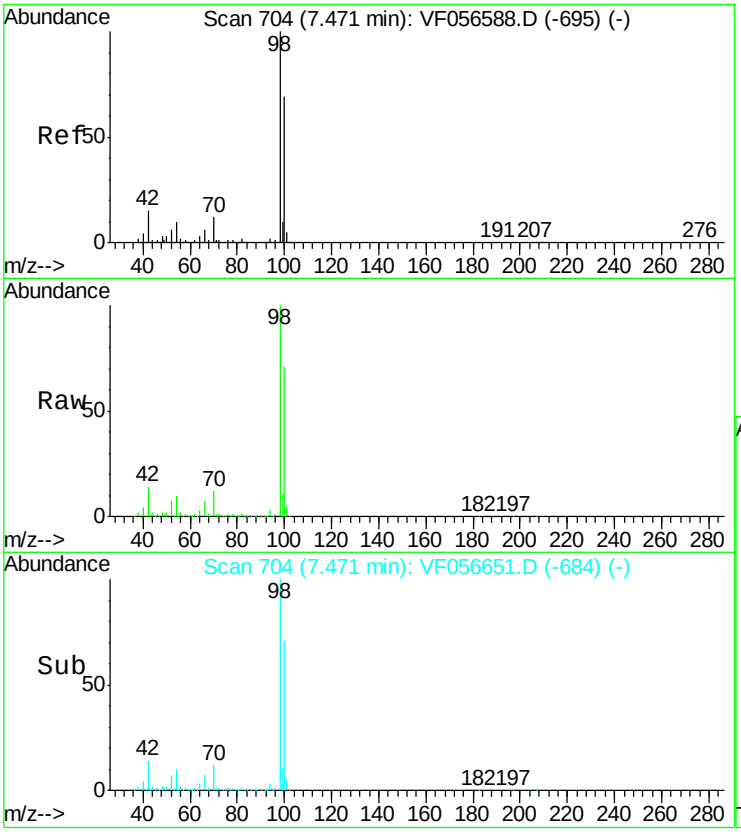


#49
1,4-Dioxane
Concen: 1.55 ug/l
RT: 6.62 min Scan# 618
Delta R.T. -0.00 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

Tgt Ion: 88 Resp: 71

Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.8	46.2#
58	0.0	49.8	74.6#



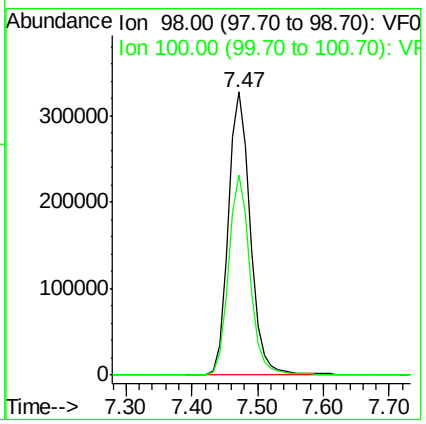


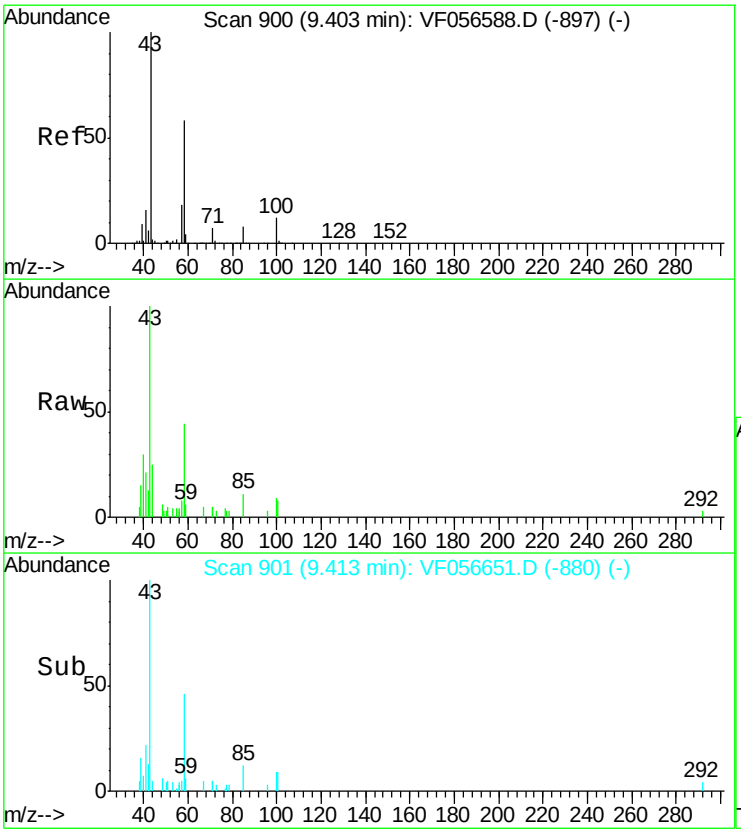
#50
Toluene-d8
Concen: 46.61 ug/l
RT: 7.47 min Scan# 704
Delta R.T. -0.00 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

Instrument : MSVOA_F
ClientSampleId : VF0223SBL01

Tgt Ion: 98 Resp: 771248

Ion	Ratio	Lower	Upper
98	100		
100	70.7	55.4	83.0

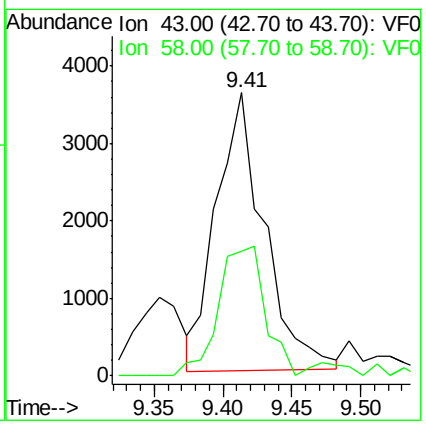


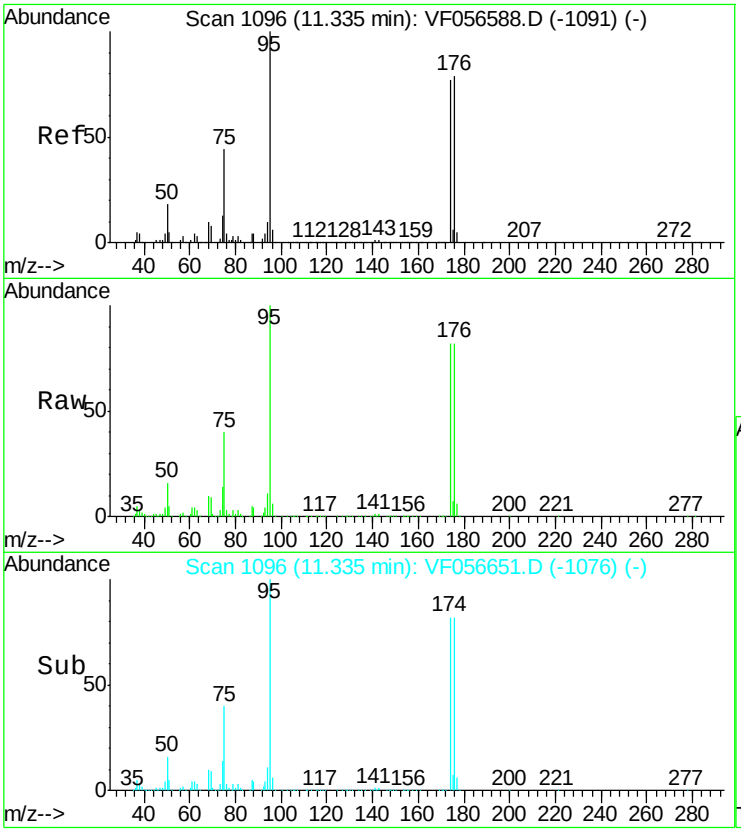


#59
2-Hexanone
Concen: 2.06 ug/l
RT: 9.41 min Scan# 901
Delta R.T. 0.01 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

Tgt Ion: 43 Resp: 8679

Ion	Ratio	Lower	Upper
43	100		
58	44.2	26.6	79.7



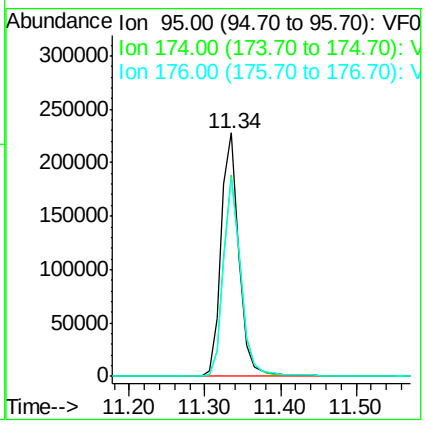


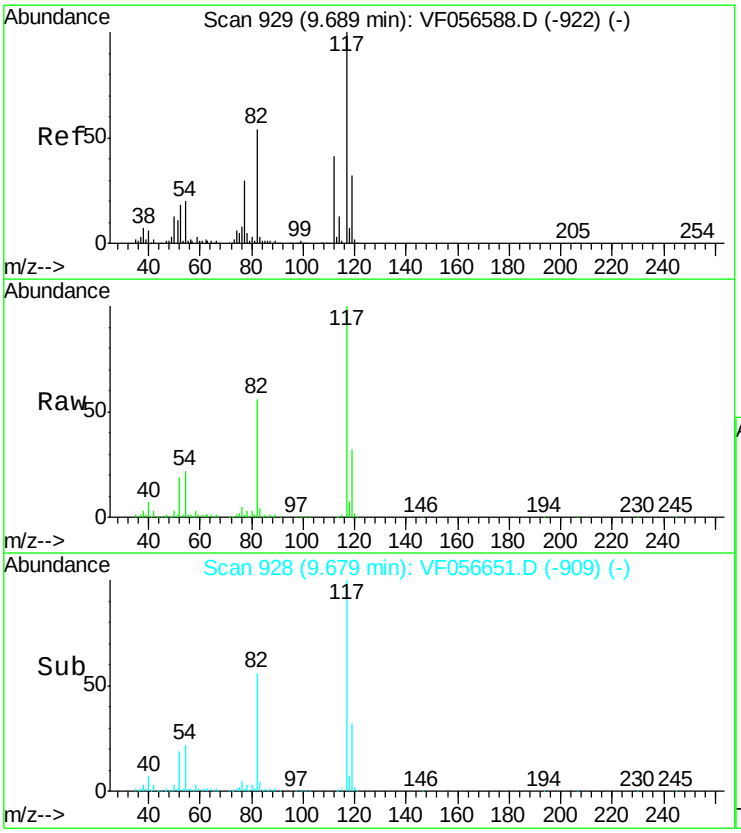
#62
4-Bromofluorobenzene
Concen: 50.23 ug/l
RT: 11.34 min Scan# 1096
Delta R.T. -0.00 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

Instrument :
MSVOA_F
ClientSampleId :
VF0223SBL01

Tgt Ion: 95 Resp: 378098

Ion	Ratio	Lower	Upper
95	100		
174	82.5	0.0	154.2
176	81.6	0.0	157.2

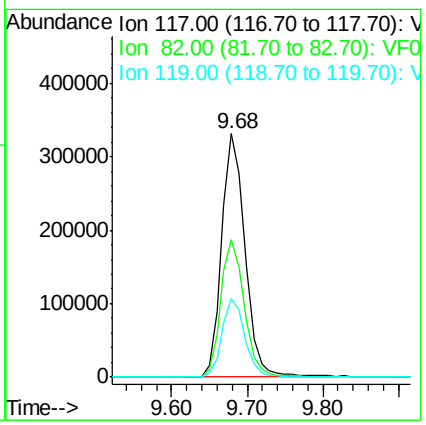


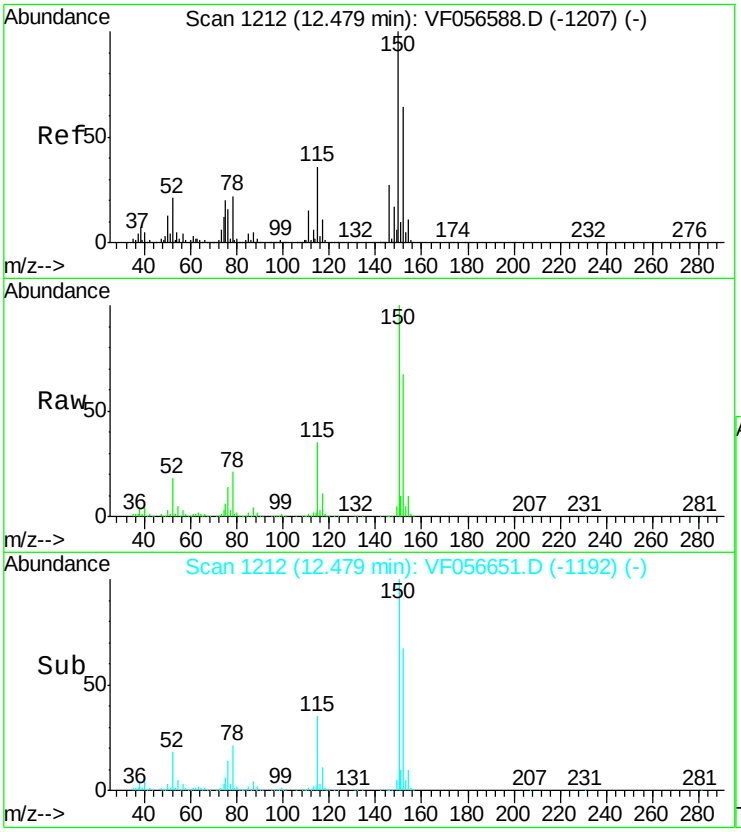


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.68 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

Tgt Ion:117 Resp: 713156

Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.0	64.6
119	32.1	25.5	38.3



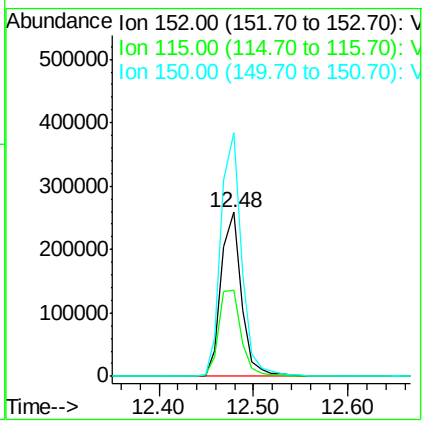


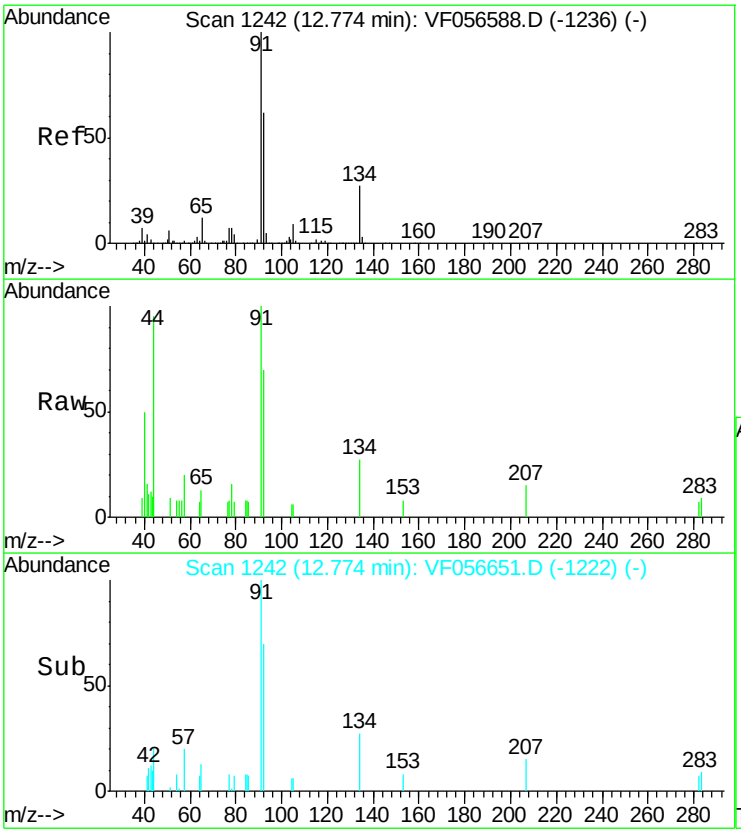
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.48 min Scan# 1212
Delta R.T. -0.00 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

Instrument : MSVOA_F
ClientSampleId : VF0223SBL01

Tgt Ion:152 Resp: 387635

Ion	Ratio	Lower	Upper
152	100		
115	52.4	28.1	84.3
150	148.5	0.0	315.6





#89
n-Butylbenzene
Concen: Below Cal
RT: 12.77 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VF056651.D
Acq: 23 Feb 2018 12:45

Tgt Ion: 91 Resp: 2368

Ion	Ratio	Lower	Upper
91	100		
92	70.4	30.9	92.7
134	27.3	13.7	41.0