Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF061818\
Data File : VF059185.D
Acq On : 18 Jun 2018 19:39
Operator : VA/AP
Sample : J3240-03RE
Misc : 5.20g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : BU-01-061518RE

Quant Time: Jun 19 02:57:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	219047	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	342667	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	271618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	112183	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	158446	59.64	ug/l	-0.01
Spiked Amount 50.000			Recovery = 119.28%			
35) Dibromofluoromethane	4.28	113	140973	58.63	ug/l	-0.01
Spiked Amount 50.000			Recovery = 117.26%			
50) Toluene-d8	7.71	98	302237	42.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.58%			
62) 4-Bromofluorobenzene	11.51	95	130129	35.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.84%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.68	59	671	3.942	ug/l #	1
13) Acrolein	2.10	56	640	4.344	ug/l	89
16) Acetone	2.34	43	1344	2.119	ug/l #	71
18) Methyl Acetate	2.48	43	7238	6.638	ug/l #	66
20) Methylene Chloride	2.27	84	3874	2.551	ug/l #	73
29) Tetrahydrofuran	4.26	42	897	2.070	ug/l #	47
49) 1,4-Dioxane	6.81	88	79	18.782	ug/l #	35
89) n-Butylbenzene	12.92	91	645	Below Cal	#	68

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

Quantitation Report (Not Reviewed)

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BU-01-061518RE

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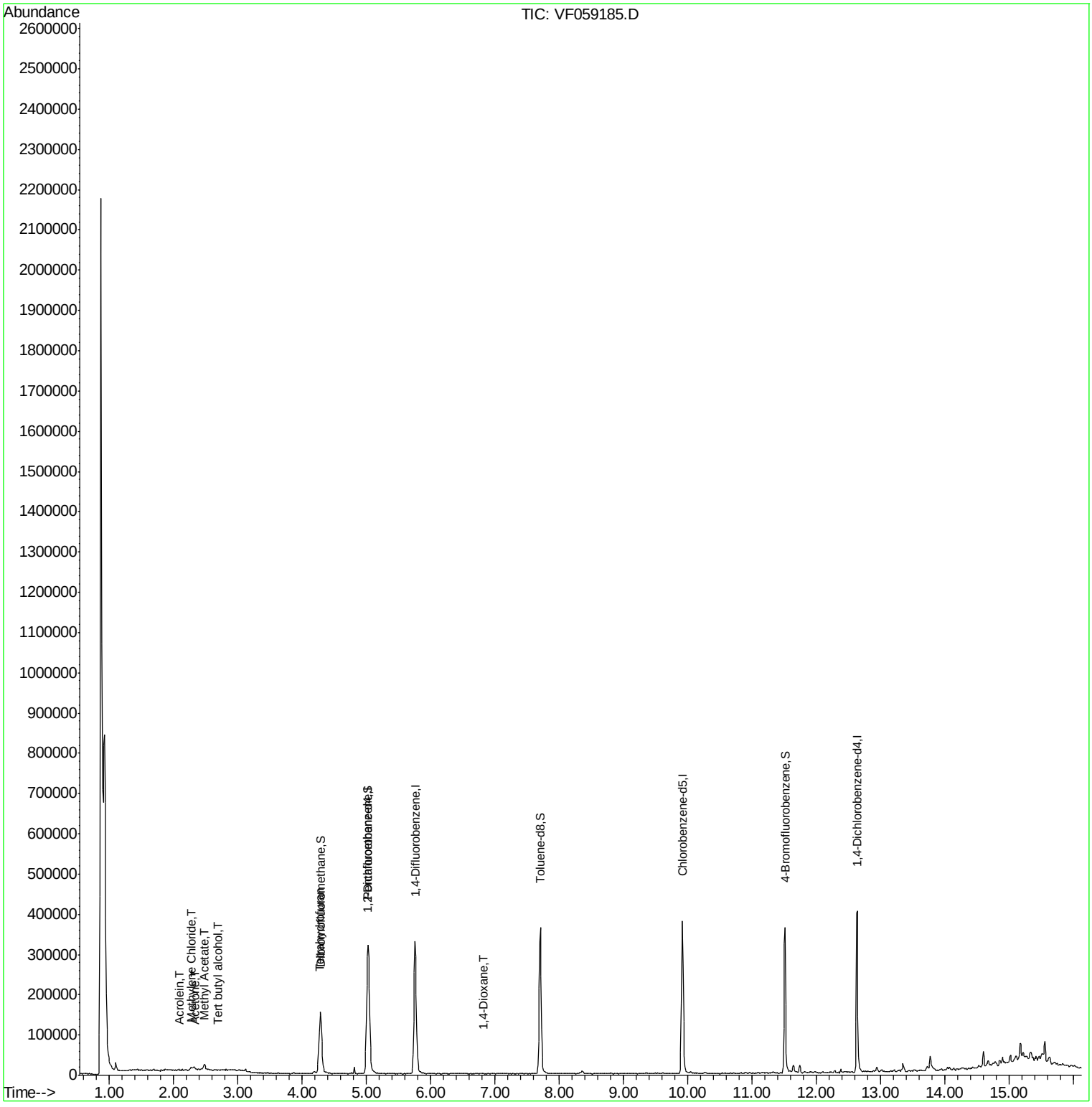
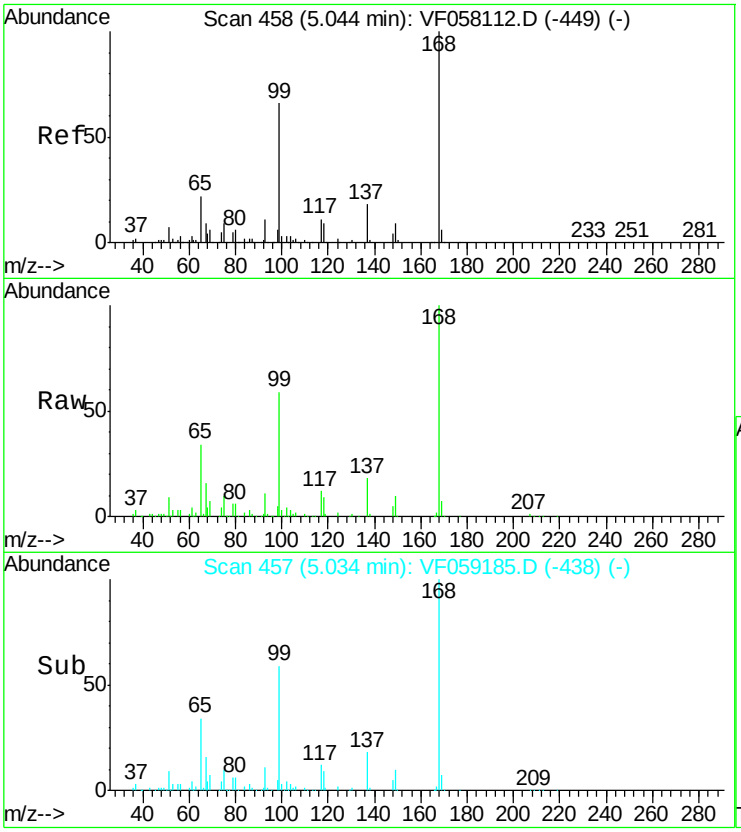


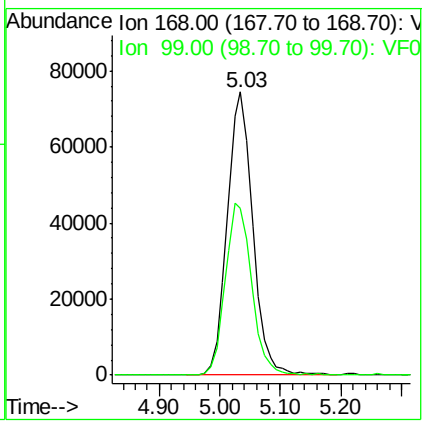


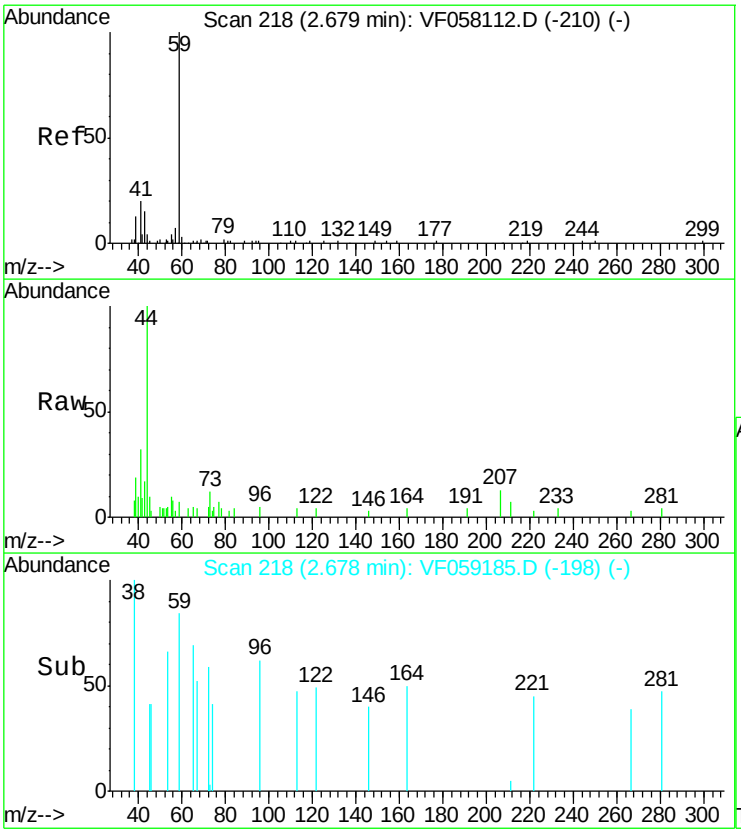
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 457
Delta R.T. -0.01 min
Lab File: VF059185.D
Acq: 18 Jun 2018 19:39

Instrument :
MSVOA_F
ClientSampleId :
BU-01-061518RE

Tgt Ion:168 Resp: 219047

Ion	Ratio	Lower	Upper
168	100		
99	58.7	52.9	79.3

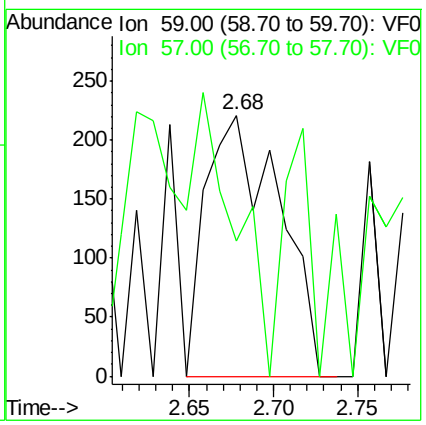


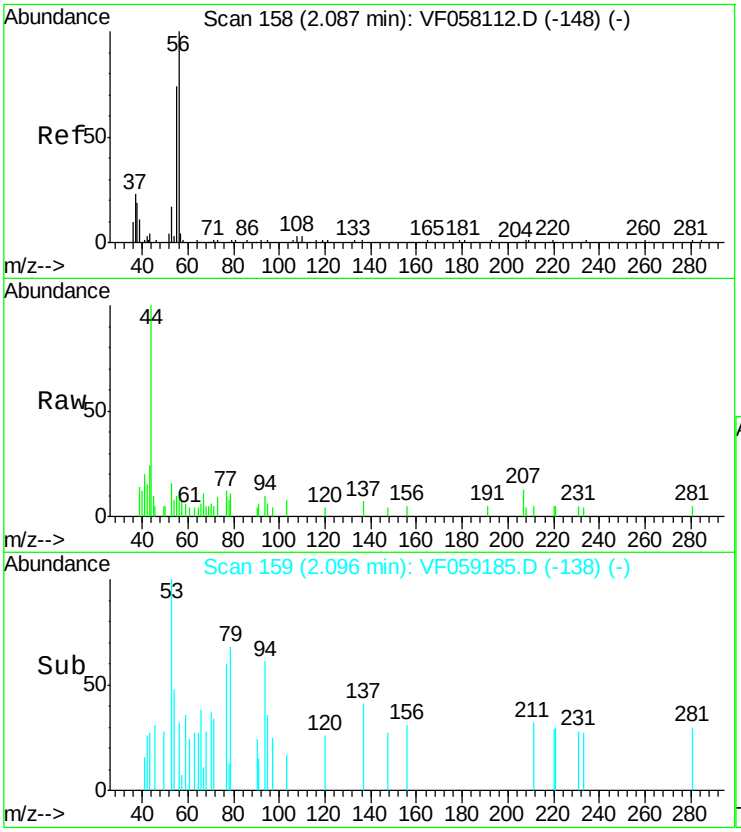


#11
Tert butyl alcohol
Concen: 3.942 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.00 min
Lab File: VF059185.D
Acq: 18 Jun 2018 19:39

Tgt Ion: 59 Resp: 671

Ion	Ratio	Lower	Upper
59	100		
57	51.6	8.7	13.1#



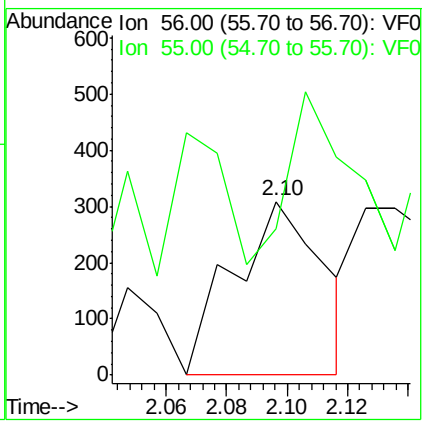


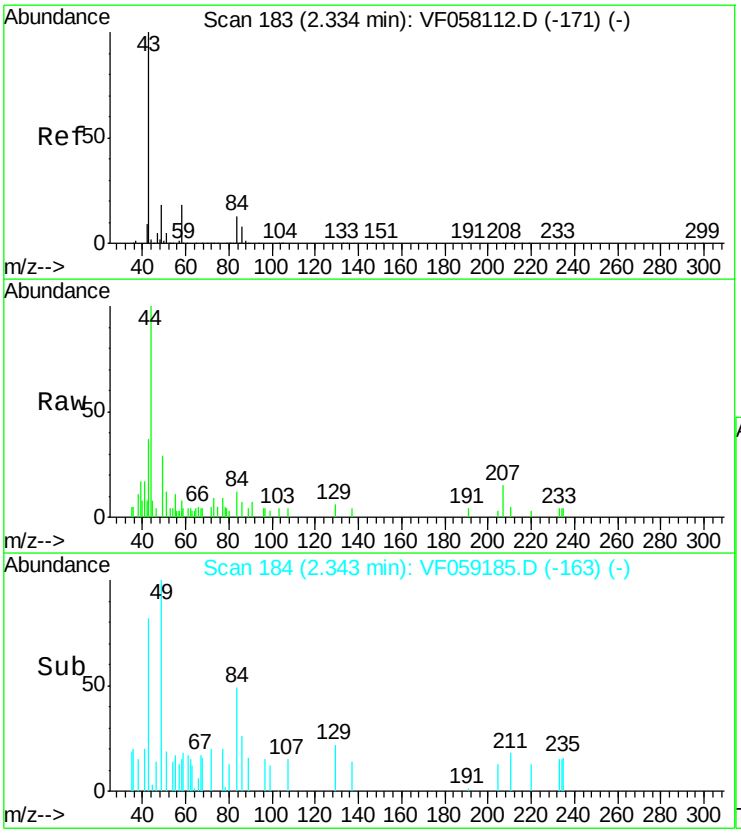
#13
Acrolein
Concen: 4.344 ug/l
RT: 2.10 min Scan# 159
Delta R.T. 0.01 min
Lab File: VF059185.D
Acq: 18 Jun 2018 19:39

Instrument : MSVOA_F
ClientSampleId : BU-01-061518RE

Tgt Ion: 56 Resp: 640

Ion	Ratio	Lower	Upper
56	100		
55	84.1	60.0	90.0

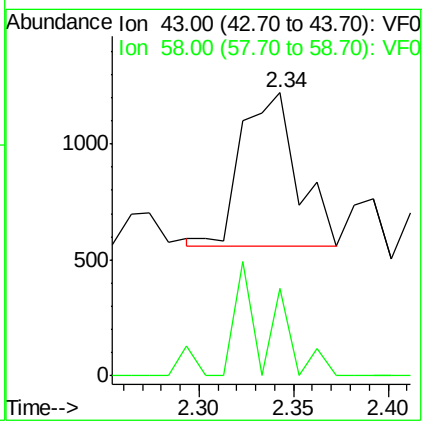


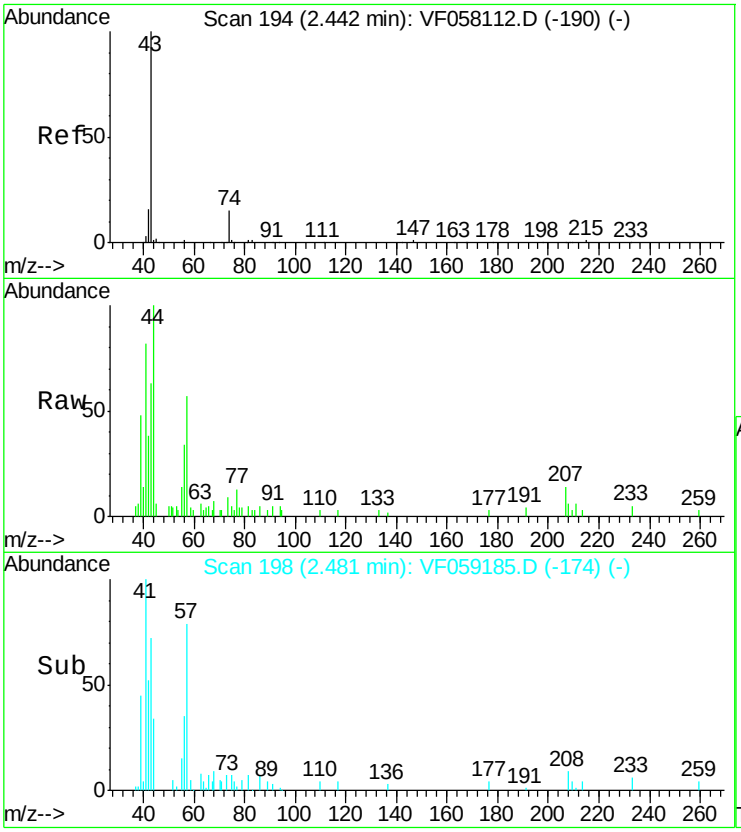


#16
Acetone
Concen: 2.119 ug/l
RT: 2.34 min Scan# 184
Delta R.T. 0.01 min
Lab File: VF059185.D
Acq: 18 Jun 2018 19:39

Tgt Ion: 43 Resp: 1344

Ion	Ratio	Lower	Upper
43	100		
58	30.7	14.4	21.6#



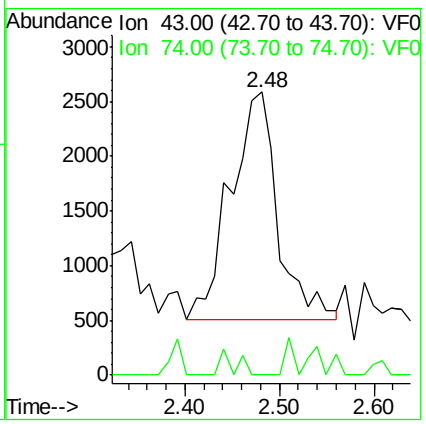


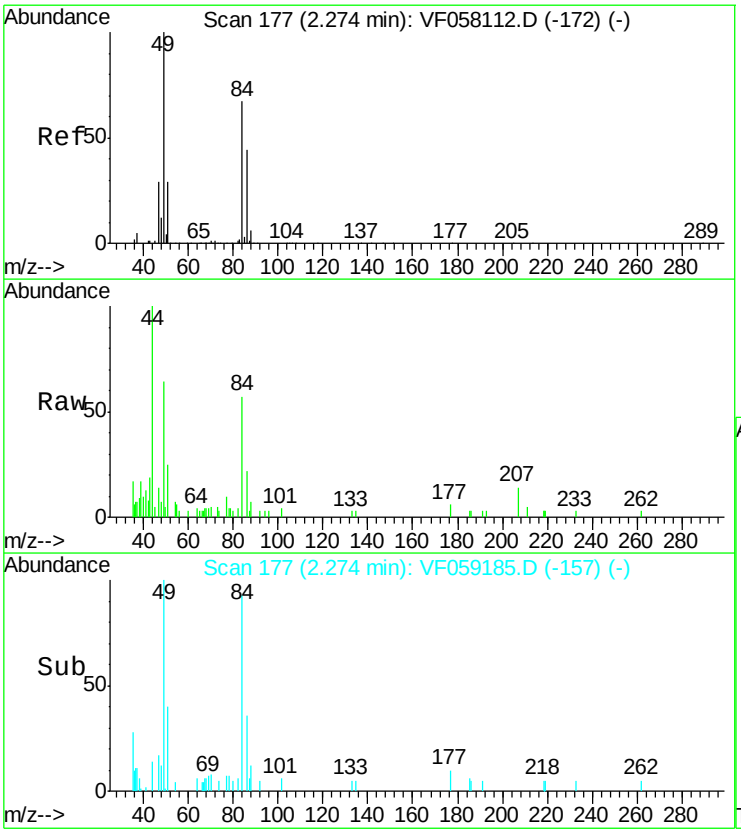
#18
Methyl Acetate
Concen: 6.638 ug/l
RT: 2.48 min Scan# 198
Delta R.T. 0.04 min
Lab File: VF059185.D
Acq: 18 Jun 2018 19:39

Instrument : MSVOA_F
ClientSampleId : BU-01-061518RE

Tgt Ion: 43 Resp: 7238

Ion	Ratio	Lower	Upper
43	100		
74	0.0	10.9	16.3#

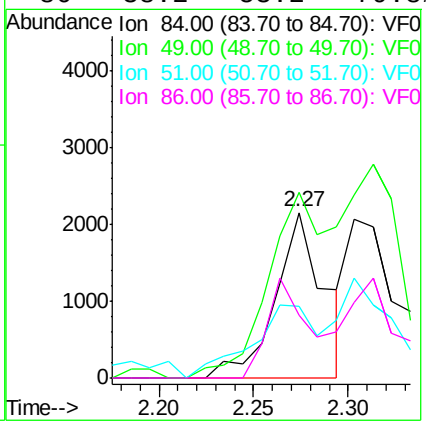


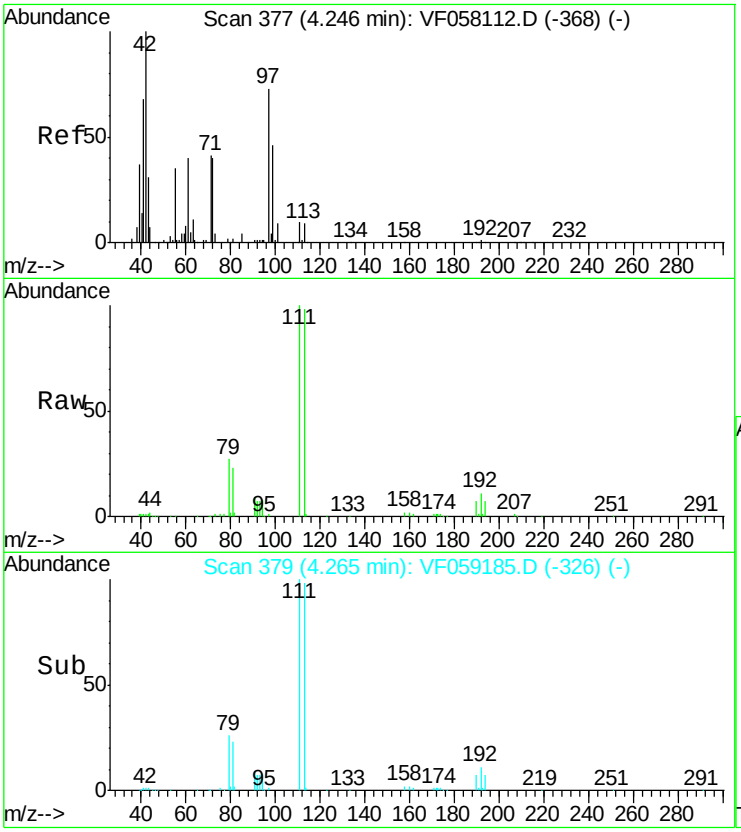


#20
Methylene Chloride
Concen: 2.551 ug/l
RT: 2.27 min Scan# 177
Delta R.T. -0.00 min
Lab File: VF059185.D
Acq: 18 Jun 2018 19:39

Tgt Ion: 84 Resp: 3874

Ion	Ratio	Lower	Upper
84	100		
49	112.4	121.0	181.4#
51	43.2	35.8	53.6
86	38.2	53.2	79.8#



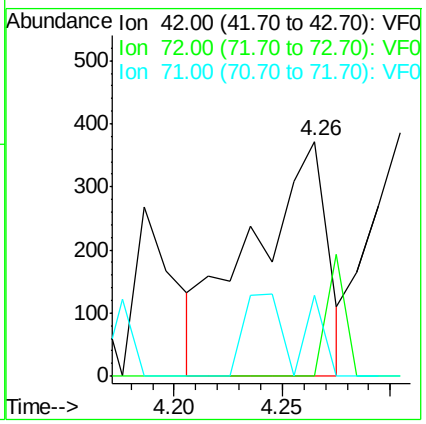


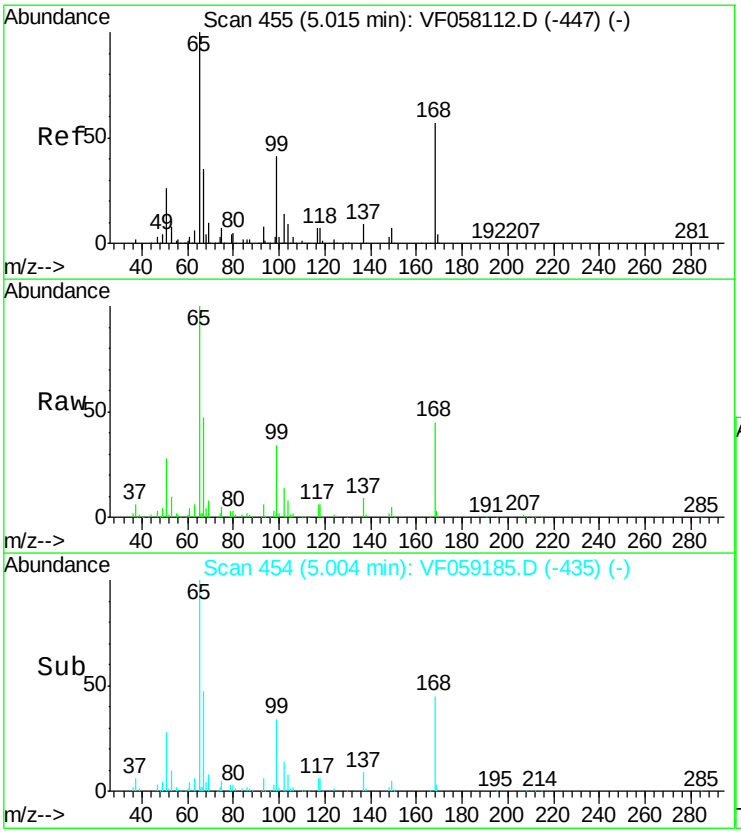
#29
Tetrahydrofuran
Concen: 2.070 ug/l
RT: 4.26 min Scan# 379
Delta R.T. 0.02 min
Lab File: VF059185.D
Acq: 18 Jun 2018 19:39

Instrument :
MSVOA_F
ClientSampleId :
BU-01-061518RE

Tgt Ion: 42 Resp: 897

Ion	Ratio	Lower	Upper
42	100		
72	12.7	30.5	45.7#
71	0.0	31.5	47.3#

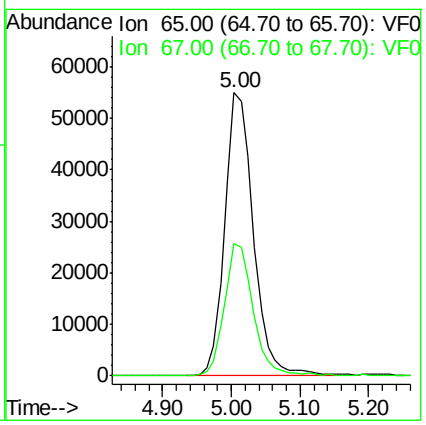


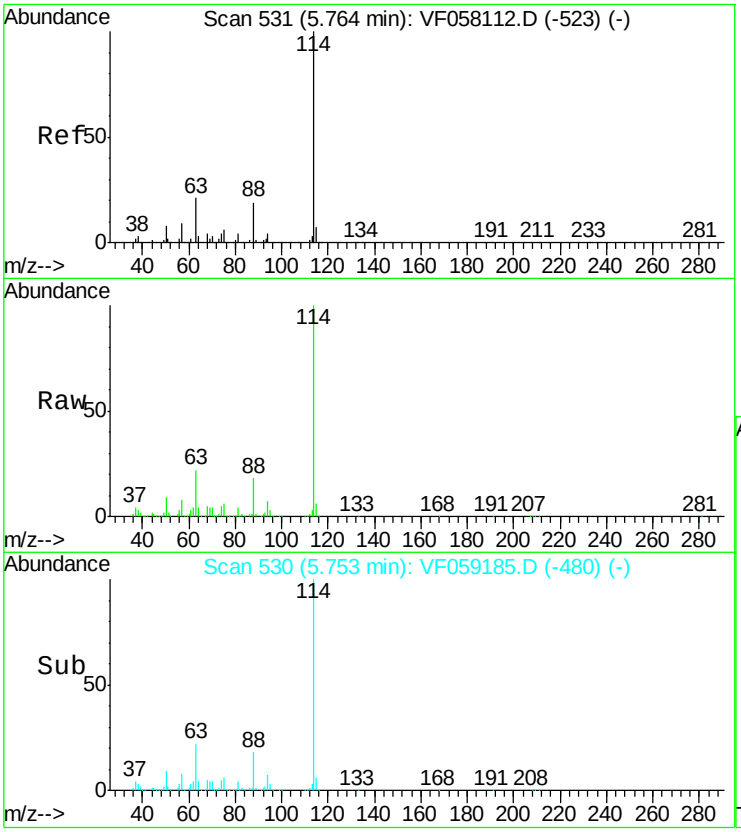


#33
1,2-Dichloroethane-d4
Concen: 59.642 ug/l
RT: 5.00 min Scan# 454
Delta R.T. -0.01 min
Lab File: VF059185.D
Acq: 18 Jun 2018 19:39

Tgt Ion: 65 Resp: 158446

Ion	Ratio	Lower	Upper
65	100		
67	46.8	0.0	97.0



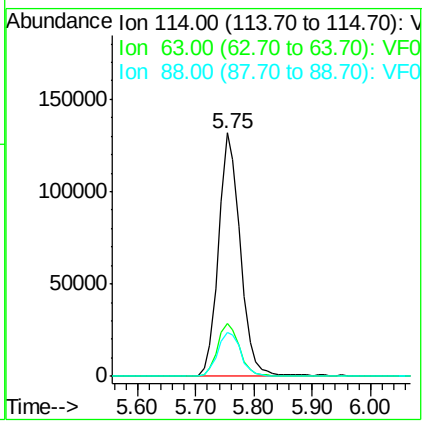


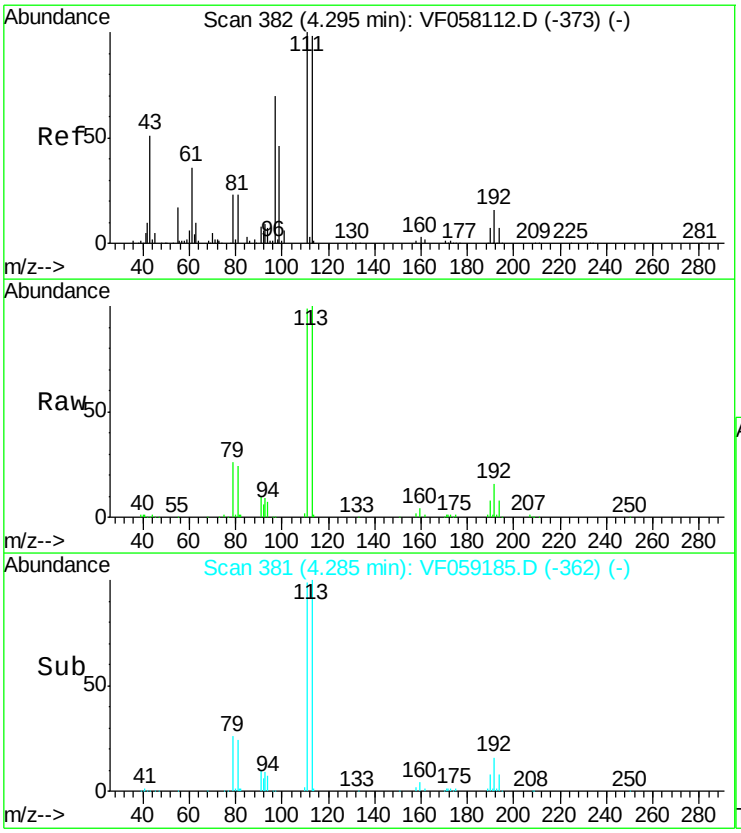
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 530
Delta R.T. -0.01 min
Lab File: VF059185.D
Acq: 18 Jun 2018 19:39

Instrument :
MSVOA_F
ClientSampleId :
BU-01-061518RE

Tgt Ion:114 Resp: 342667

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	41.6
88	18.3	0.0	38.8

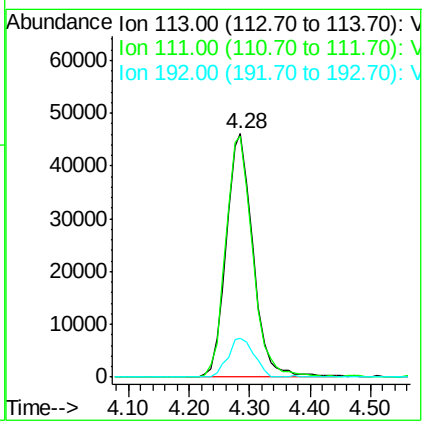


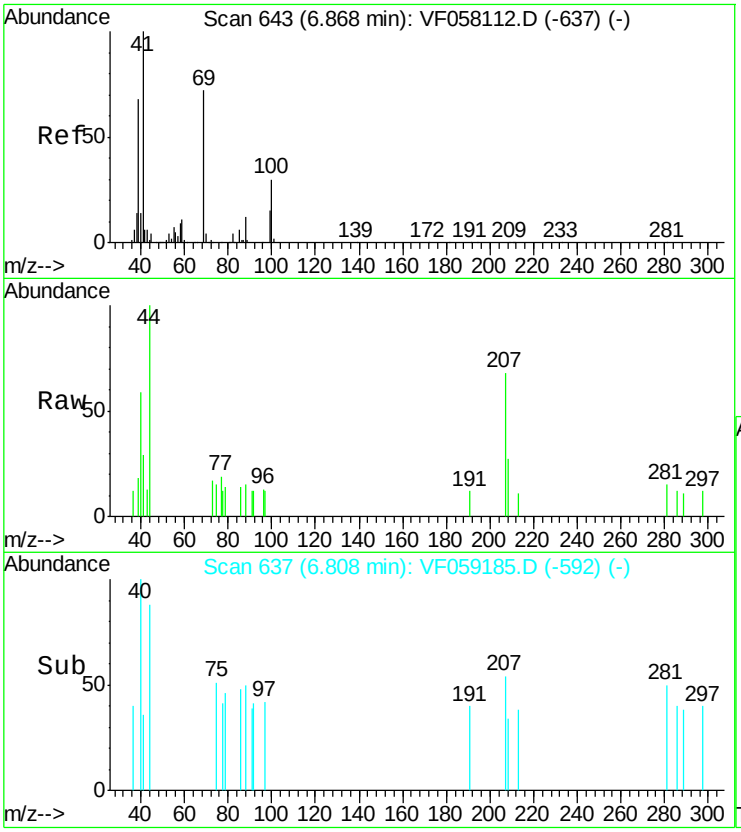


#35
Dibromofluoromethane
Concen: 58.631 ug/l
RT: 4.28 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF059185.D
Acq: 18 Jun 2018 19:39

Tgt Ion:113 Resp: 140973

Ion	Ratio	Lower	Upper
113	100		
111	99.1	81.3	121.9
192	15.9	12.7	19.1



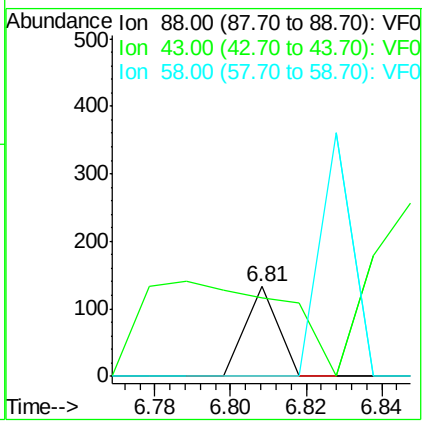


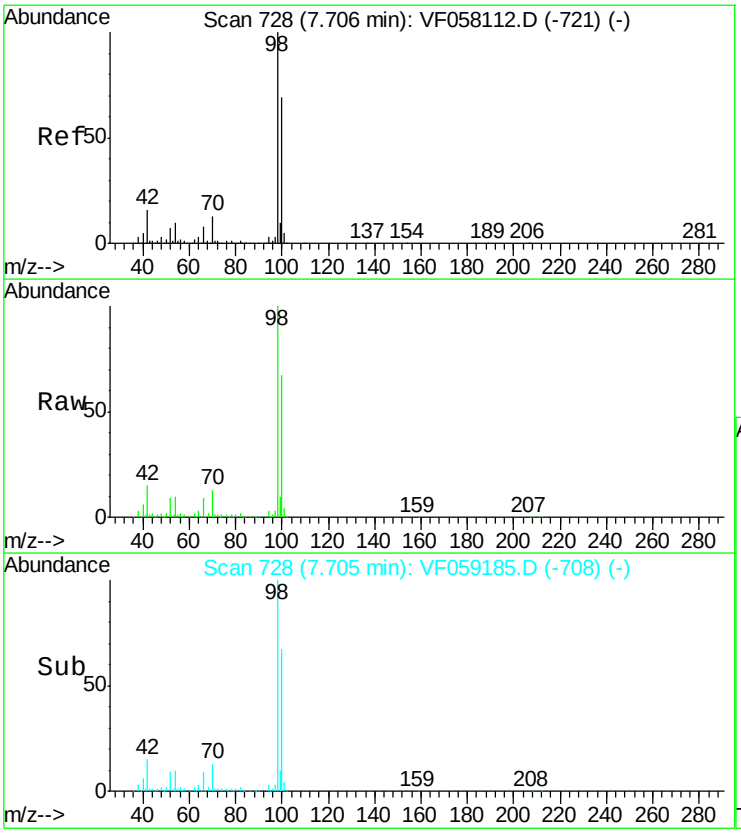
#49
1,4-Dioxane
Concen: 18.782 ug/l
RT: 6.81 min Scan# 637
Delta R.T. -0.06 min
Lab File: VF059185.D
Acq: 18 Jun 2018 19:39

Instrument :
MSVOA_F
ClientSampleId :
BU-01-061518RE

Tgt Ion: 88 Resp: 79

Ion	Ratio	Lower	Upper
88	100		
43	87.2	47.8	71.8#
58	0.0	59.4	89.0#

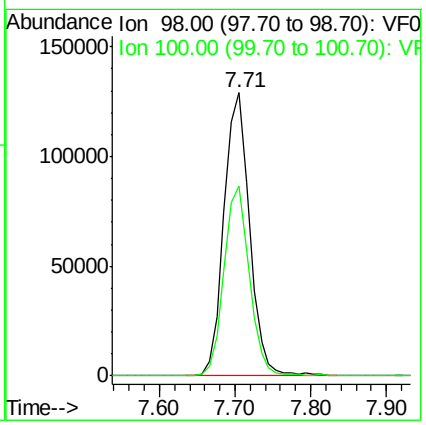


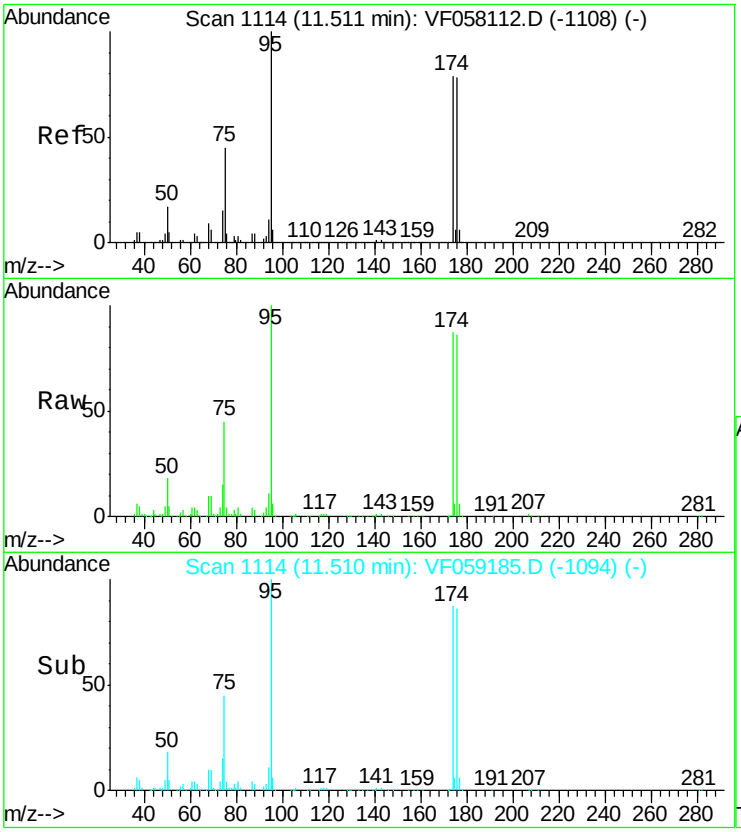


#50
Toluene-d8
Concen: 42.788 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.00 min
Lab File: VF059185.D
Acq: 18 Jun 2018 19:39

Tgt Ion: 98 Resp: 302237

Ion	Ratio	Lower	Upper
98	100		
100	67.0	55.6	83.4



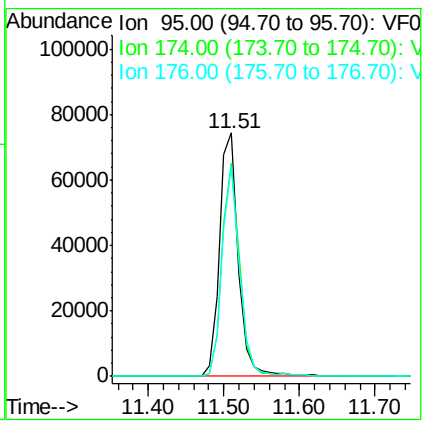


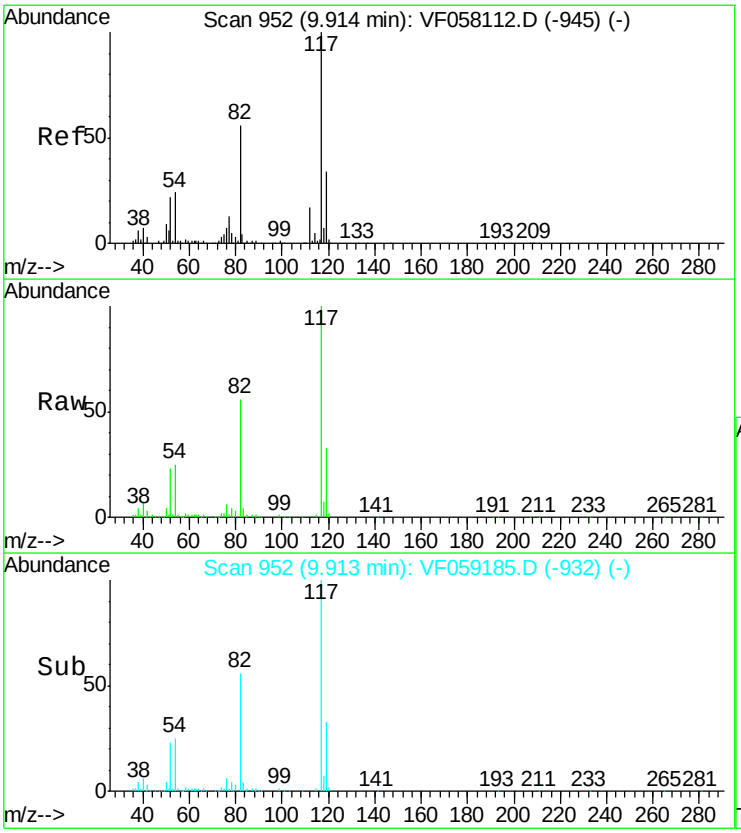
#62
4-Bromofluorobenzene
Concen: 35.918 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VF059185.D
Acq: 18 Jun 2018 19:39

Instrument :
MSVOA_F
ClientSampleId :
BU-01-061518RE

Tgt Ion: 95 Resp: 130129

Ion	Ratio	Lower	Upper
95	100		
174	87.2	0.0	157.8
176	86.1	0.0	155.8

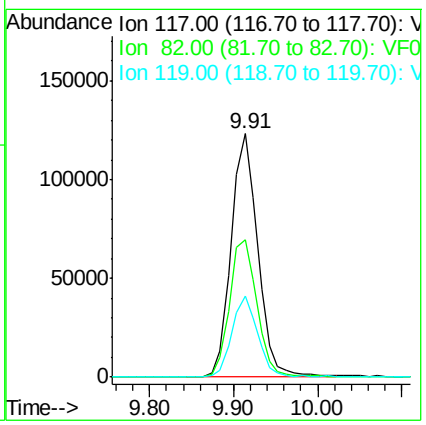


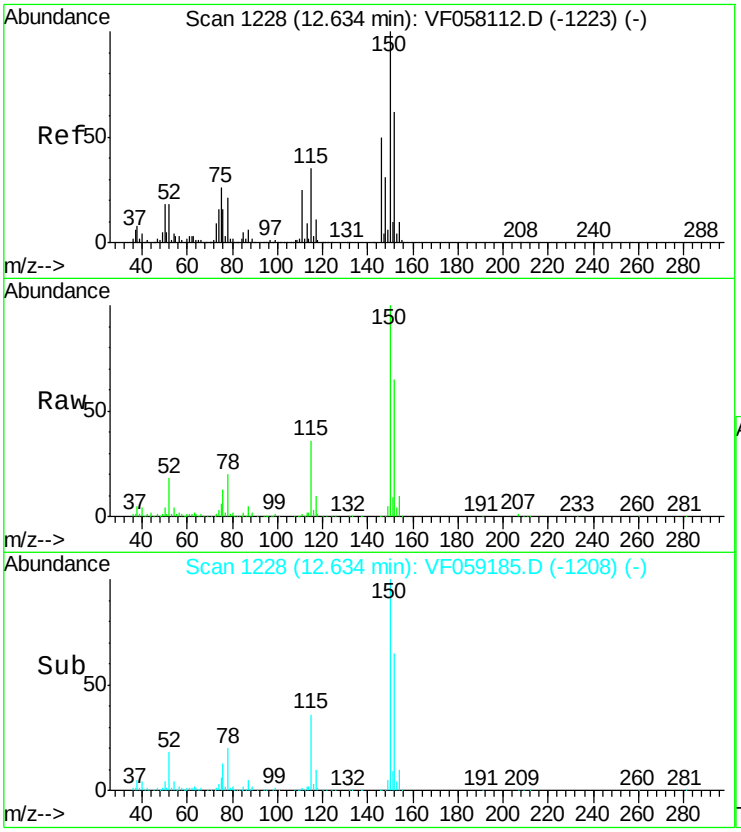


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.00 min
Lab File: VF059185.D
Acq: 18 Jun 2018 19:39

Tgt Ion:117 Resp: 271618

Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.2	67.8
119	33.3	27.5	41.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF059185.D
Acq: 18 Jun 2018 19:39

Instrument :
MSVOA_F
ClientSampleId :
BU-01-061518RE

Tgt Ion:152 Resp: 112183

Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.5	85.5
150	154.5	0.0	323.8