Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
Data File : VF059215.D
Acq On : 20 Jun 2018 5:21
Operator : VA/AP
Sample : J3498-03
Misc : 6.91g/5mL/MSVOA-F/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jun 20 06:55:25 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	5.04	168	214015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	332094	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	291385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	153847	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	128672	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.14%			
35) Dibromofluoromethane	4.29	113	128211	55.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.04%			
50) Toluene-d8	7.71	98	321456	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.92%			
62) 4-Bromofluorobenzene	11.50	95	147735	42.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.16%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.66	59	386	2.321	ug/l #	1
13) Acrolein	1.99	56	264	1.834	ug/l	97
16) Acetone	2.33	43	6204	10.011	ug/l	94
18) Methyl Acetate	2.48	43	2136	2.005	ug/l #	66
20) Methylene Chloride	2.28	84	14793	9.969	ug/l #	91
29) Tetrahydrofuran	4.26	42	731	1.727	ug/l #	55
39) Methylcyclohexane	5.76	83	3599	1.097	ug/l #	44
49) 1,4-Dioxane	6.87	88	66	18.000	ug/l #	16
58) 2-Chloroethyl Vinyl ether	7.76	63	296	1.684	ug/l	100
89) n-Butylbenzene	12.91	91	691	Below Cal	#	42

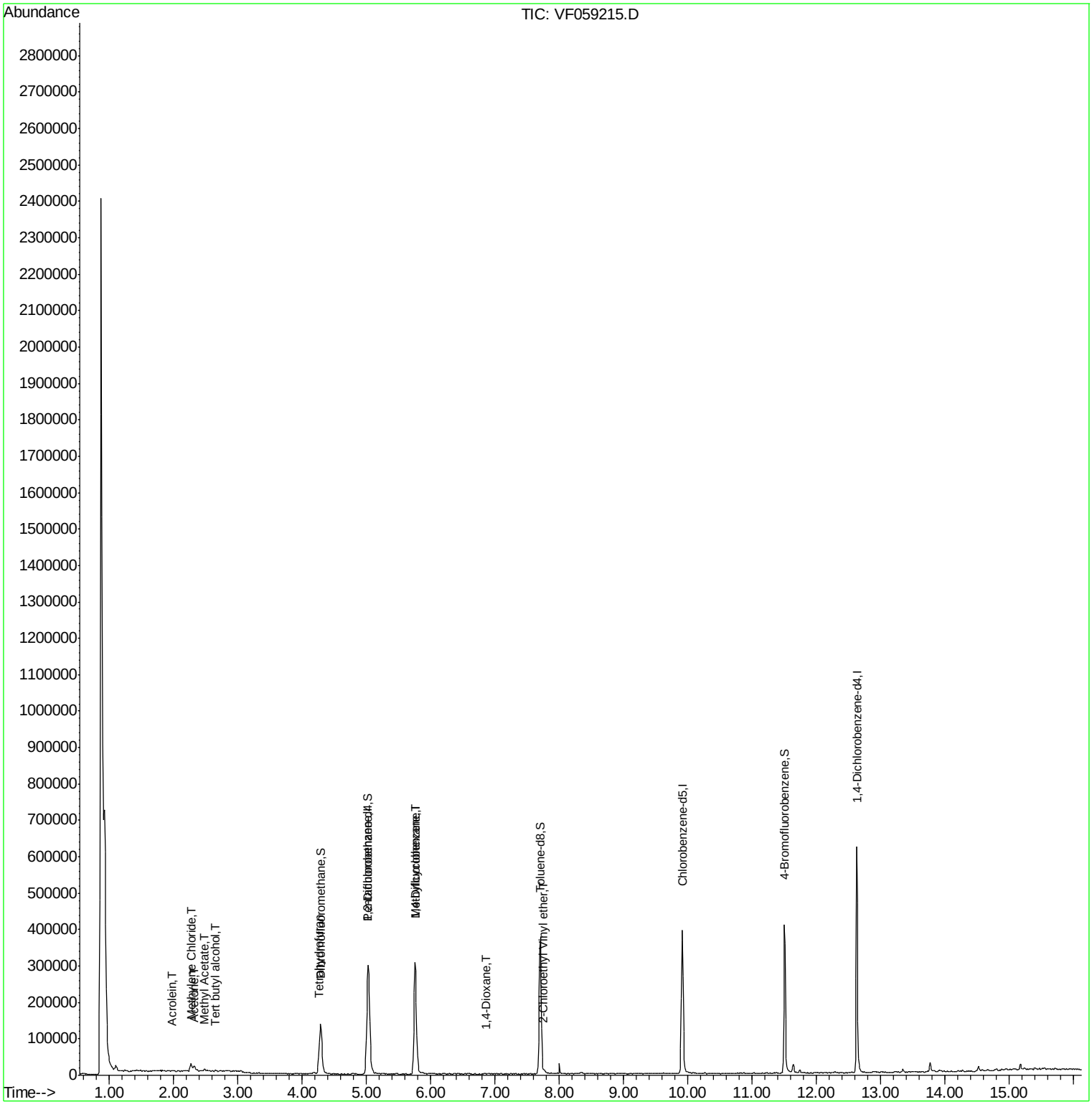
(#) = qualifier out of range (m) = manual integration (+) = signals summed

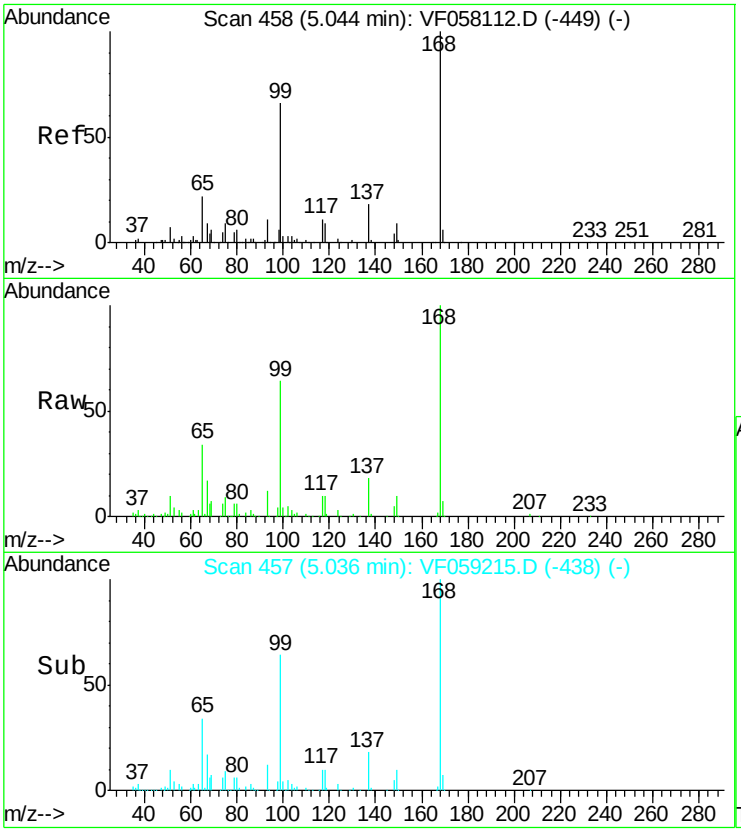
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
Data File : VF059215.D
Acq On : 20 Jun 2018 5:21
Operator : VA/AP
Sample : J3498-03
Misc : 6.91g/5mL/MSVOA-F/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jun 20 06:55:25 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



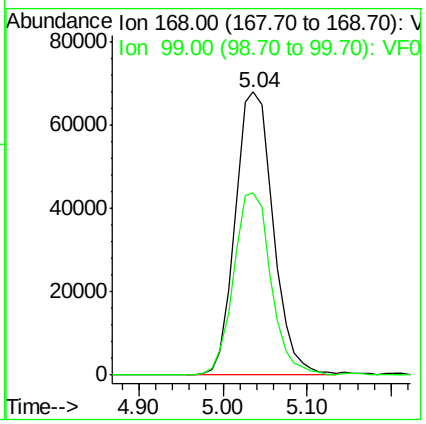


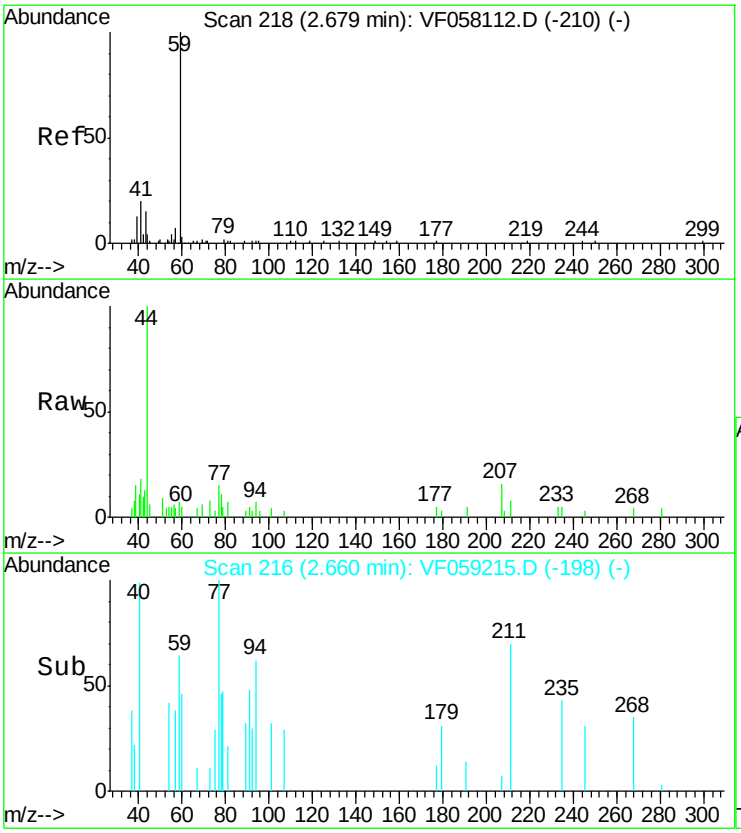
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 457
Delta R.T. -0.01 min
Lab File: VF059215.D
Acq: 20 Jun 2018 5:21

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 214015

Ion	Ratio	Lower	Upper
168	100		
99	64.3	52.9	79.3

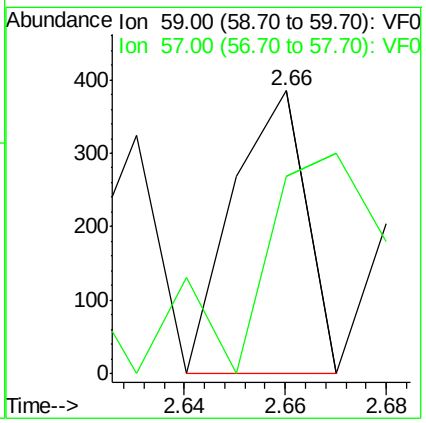


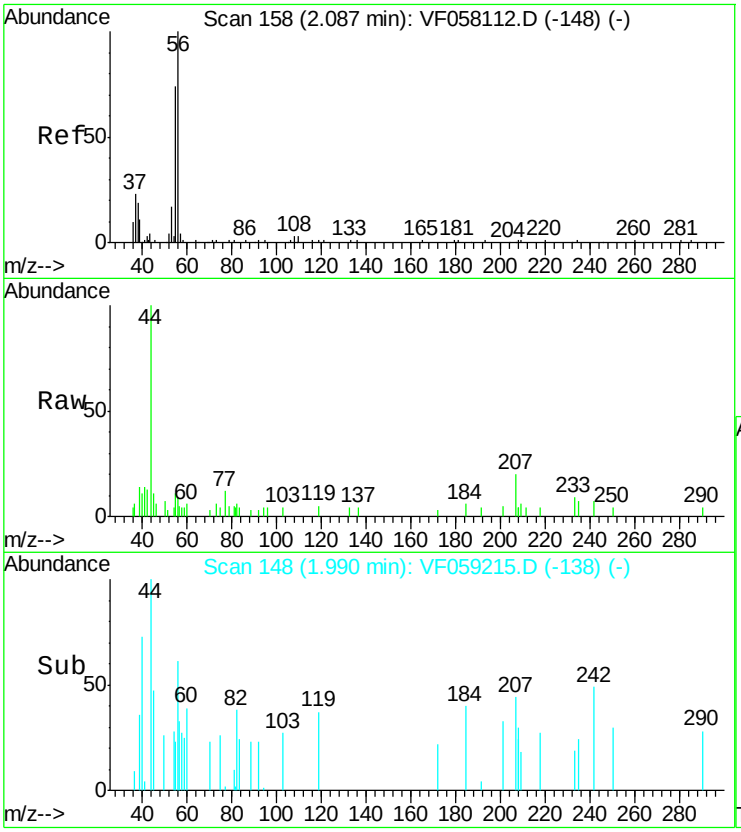


#11
Tert butyl alcohol
Concen: 2.321 ug/l
RT: 2.66 min Scan# 216
Delta R.T. -0.02 min
Lab File: VF059215.D
Acq: 20 Jun 2018 5:21

Tgt Ion: 59 Resp: 386

Ion	Ratio	Lower	Upper
59	100		
57	69.6	8.7	13.1#



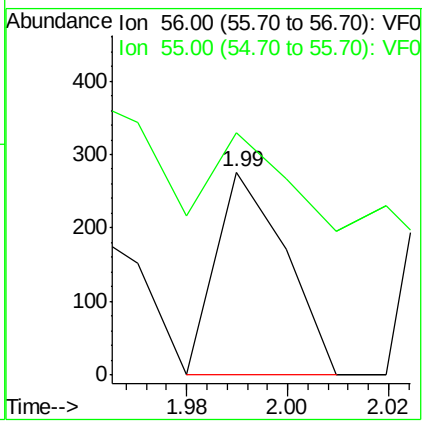


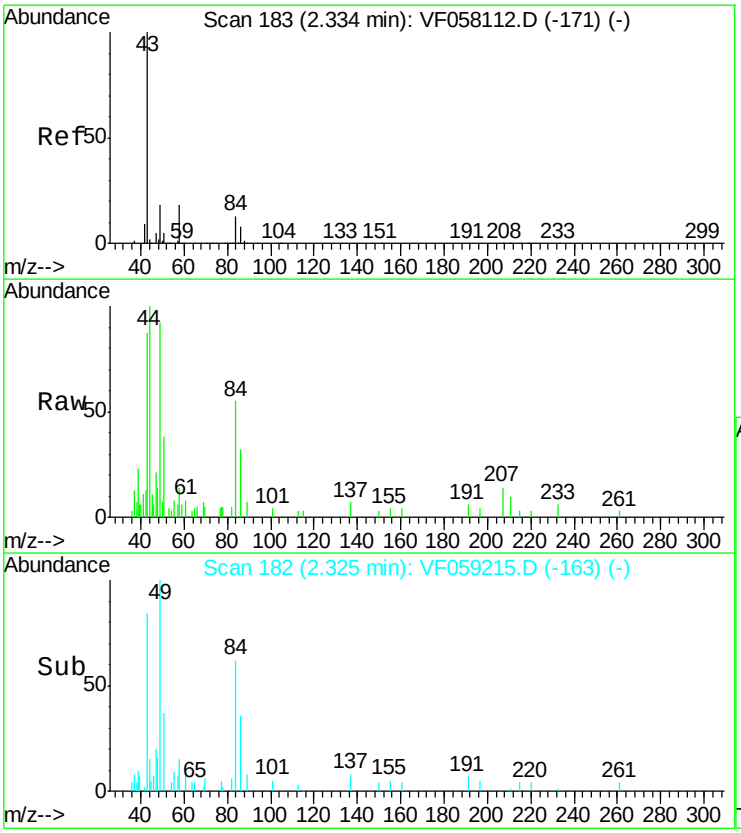
#13
Acrolein
Concen: 1.834 ug/l
RT: 1.99 min Scan# 148
Delta R.T. -0.10 min
Lab File: VF059215.D
Acq: 20 Jun 2018 5:21

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 264

Ion	Ratio	Lower	Upper
56	100		
55	77.3	60.0	90.0

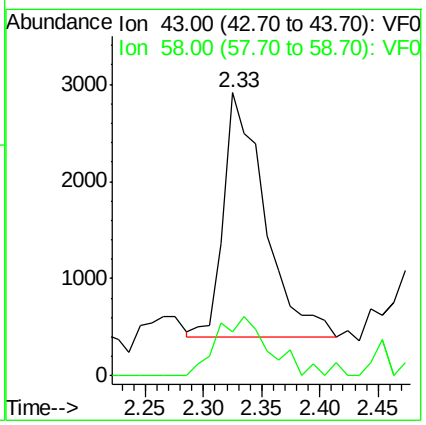


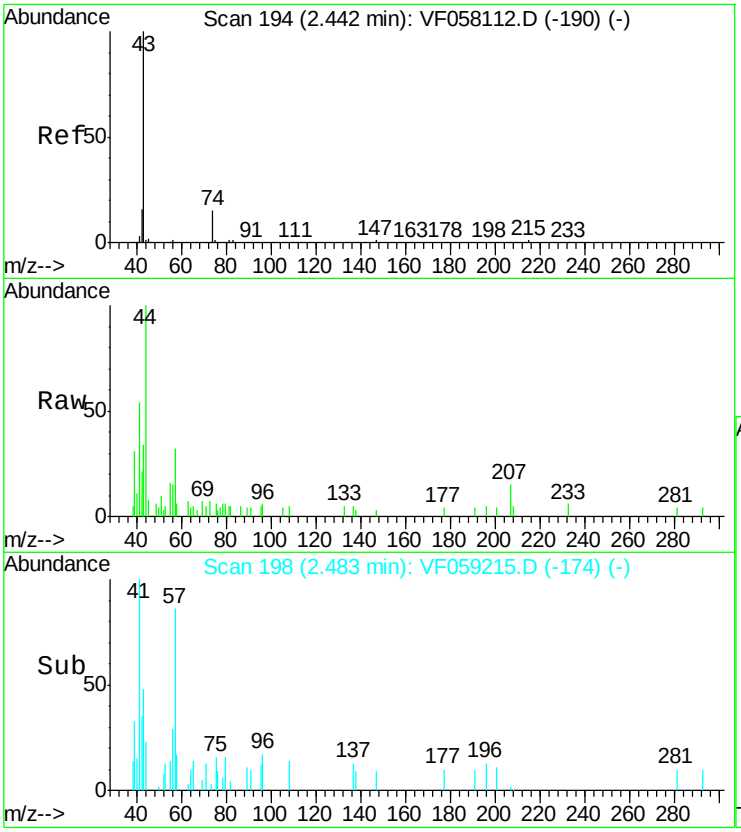


#16
Acetone
Concen: 10.011 ug/l
RT: 2.33 min Scan# 182
Delta R.T. -0.01 min
Lab File: VF059215.D
Acq: 20 Jun 2018 5:21

Tgt Ion: 43 Resp: 6204

Ion	Ratio	Lower	Upper
43	100		
58	15.5	14.4	21.6



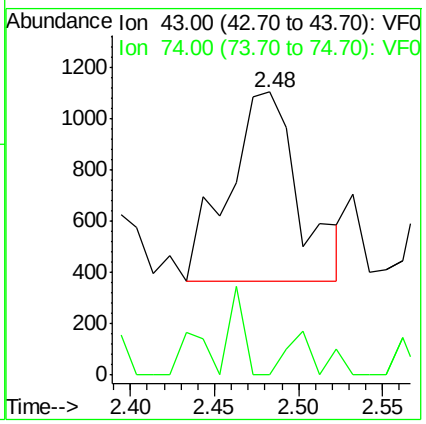


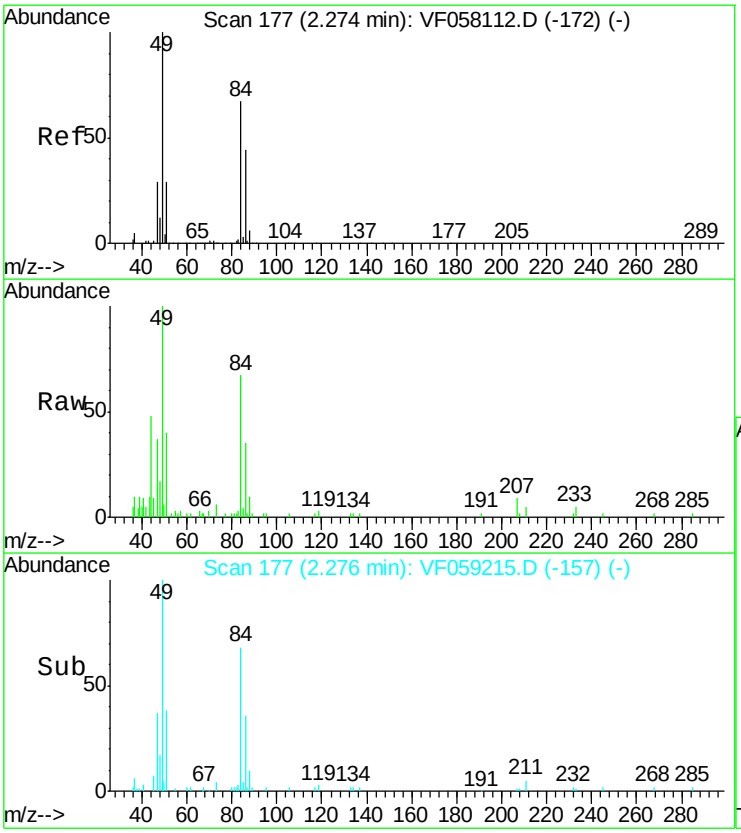
#18
Methyl Acetate
Concen: 2.005 ug/l
RT: 2.48 min Scan# 198
Delta R.T. 0.04 min
Lab File: VF059215.D
Acq: 20 Jun 2018 5:21

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2136

Ion	Ratio	Lower	Upper
43	100		
74	0.0	10.9	16.3#

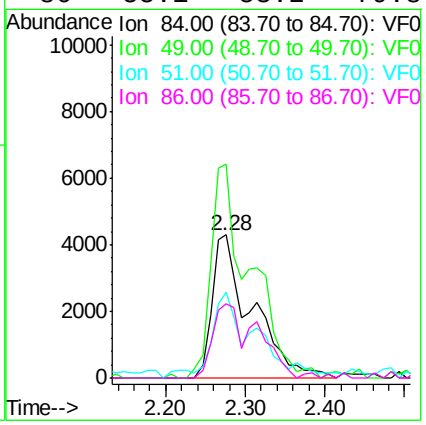


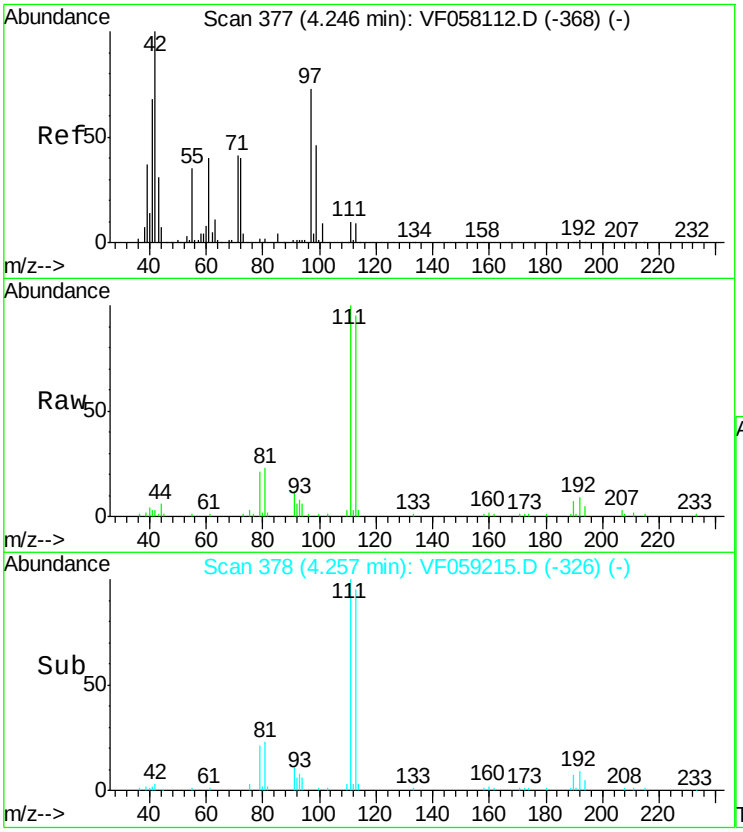


#20
Methylene Chloride
Concen: 9.969 ug/l
RT: 2.28 min Scan# 177
Delta R.T. 0.00 min
Lab File: VF059215.D
Acq: 20 Jun 2018 5:21

Tgt Ion: 84 Resp: 14793

Ion	Ratio	Lower	Upper
84	100		
49	149.2	121.0	181.4
51	59.9	35.8	53.6#
86	55.1	53.2	79.8



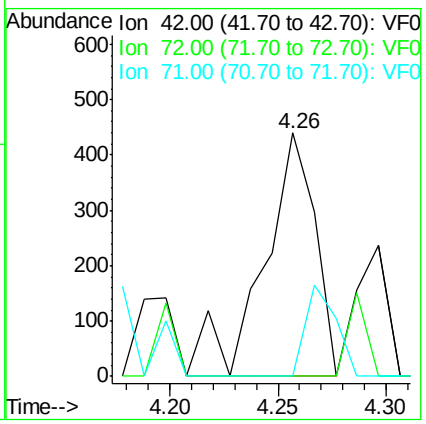


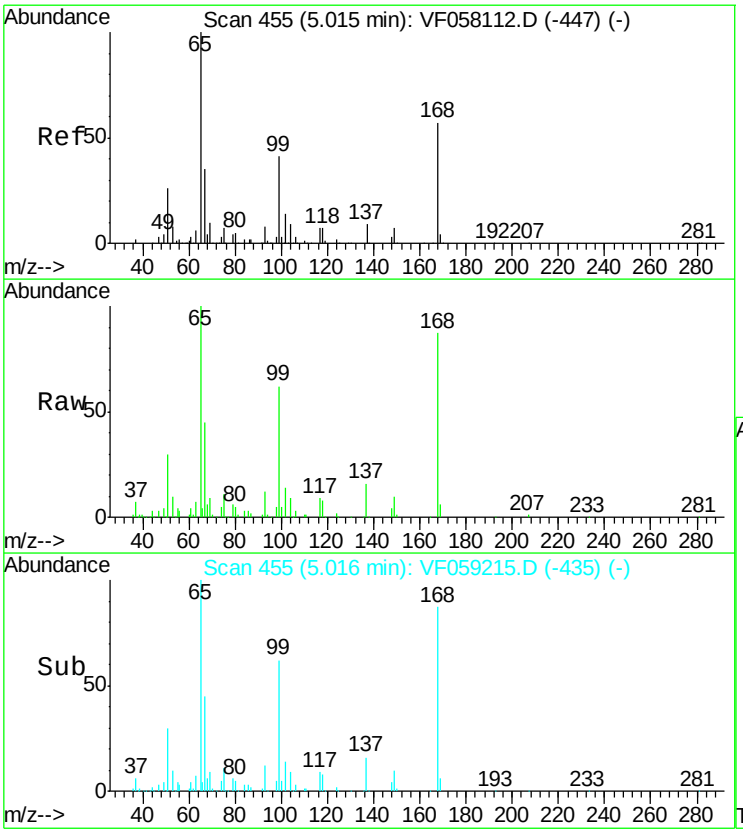
#29
Tetrahydrofuran
Concen: 1.727 ug/l
RT: 4.26 min Scan# 378
Delta R.T. 0.01 min
Lab File: VF059215.D
Acq: 20 Jun 2018 5:21

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 731

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.5	45.7#
71	22.0	31.5	47.3#

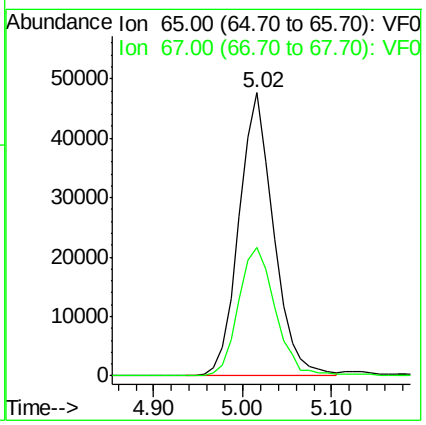


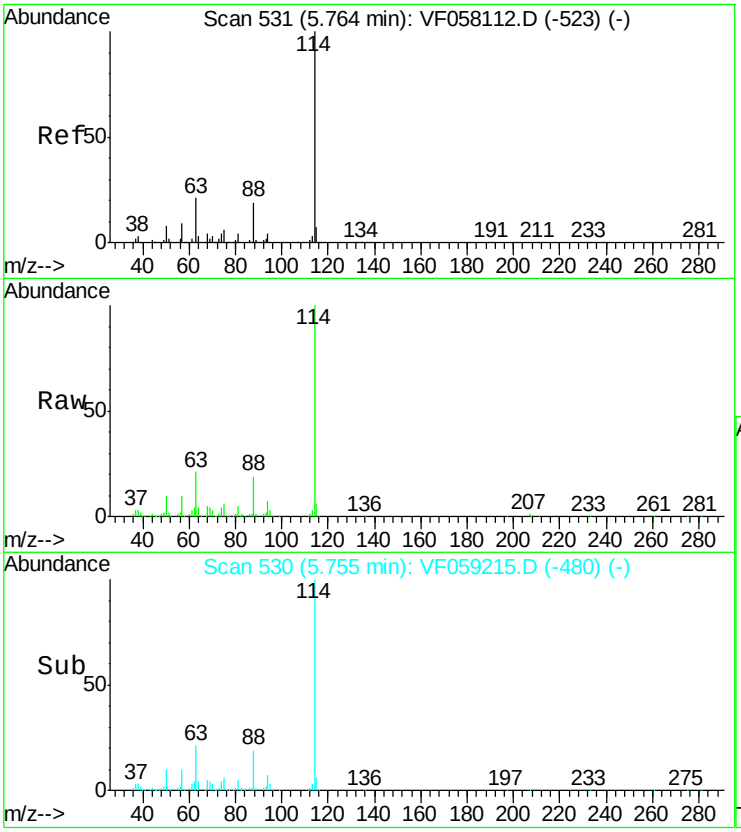


#33
1,2-Dichloroethane-d4
Concen: 49.574 ug/l
RT: 5.02 min Scan# 455
Delta R.T. 0.00 min
Lab File: VF059215.D
Acq: 20 Jun 2018 5:21

Tgt Ion: 65 Resp: 128672

Ion	Ratio	Lower	Upper
65	100		
67	45.4	0.0	97.0



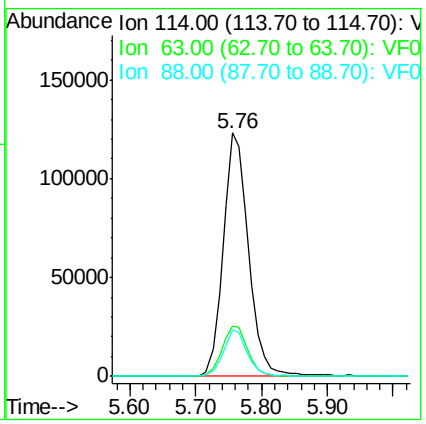


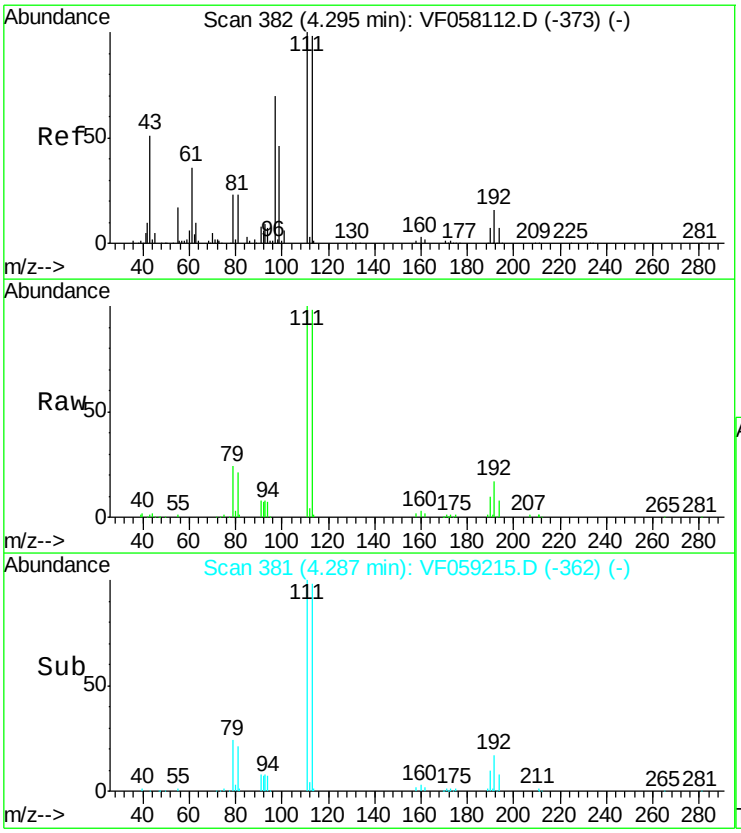
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 530
Delta R.T. -0.01 min
Lab File: VF059215.D
Acq: 20 Jun 2018 5:21

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 332094

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.6
88	19.2	0.0	38.8

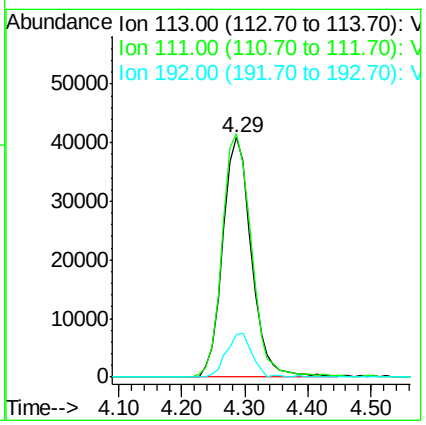


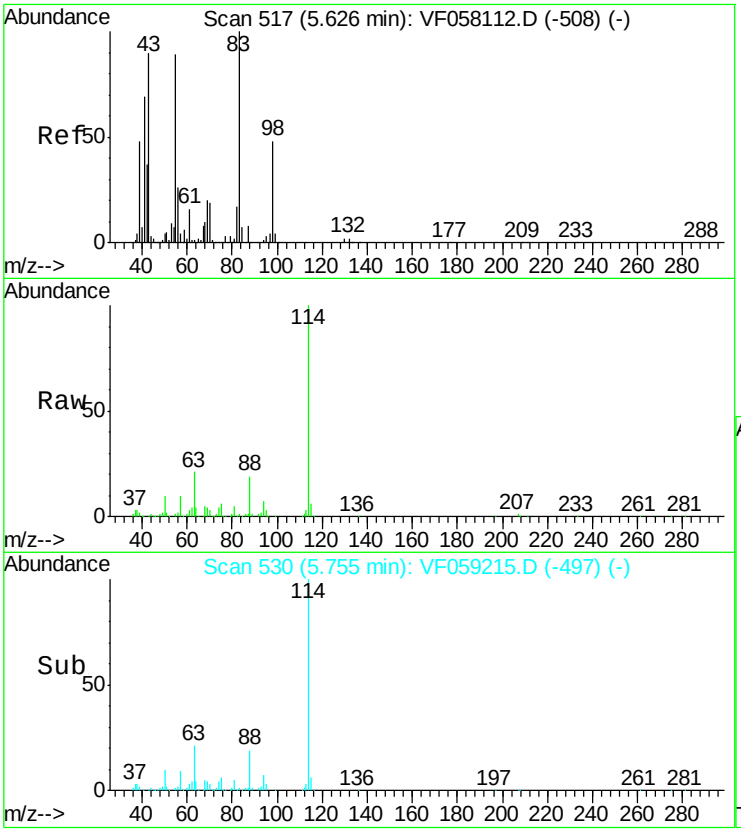


#35
Dibromofluoromethane
Concen: 55.021 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF059215.D
Acq: 20 Jun 2018 5:21

Tgt Ion:113 Resp: 128211

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.3	121.9
192	17.6	12.7	19.1



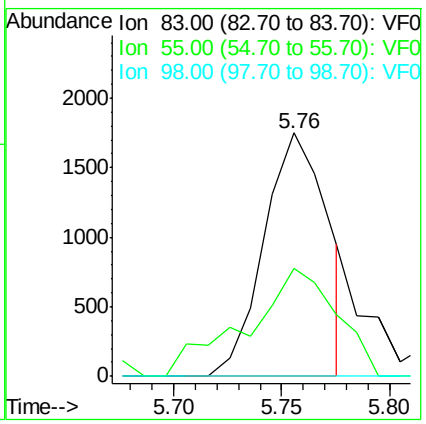


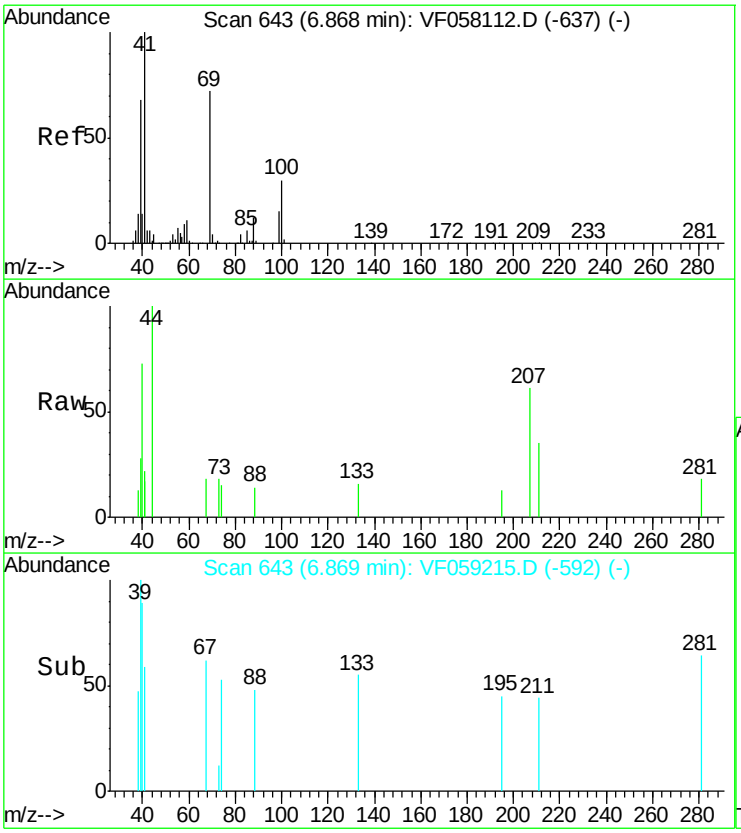
#39
Methylcyclohexane
Concen: 1.097 ug/l
RT: 5.76 min Scan# 530
Delta R.T. 0.13 min
Lab File: VF059215.D
Acq: 20 Jun 2018 5:21

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 83 Resp: 3599

Ion	Ratio	Lower	Upper
83	100		
55	44.2	71.0	106.4#
98	0.0	38.1	57.1#

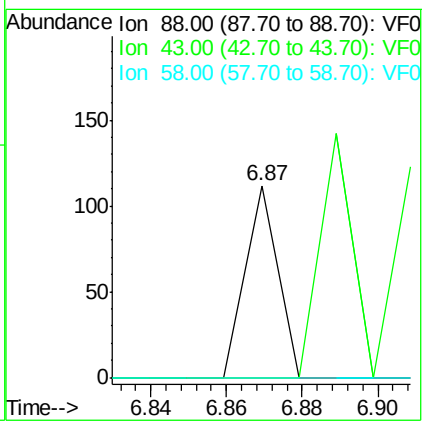


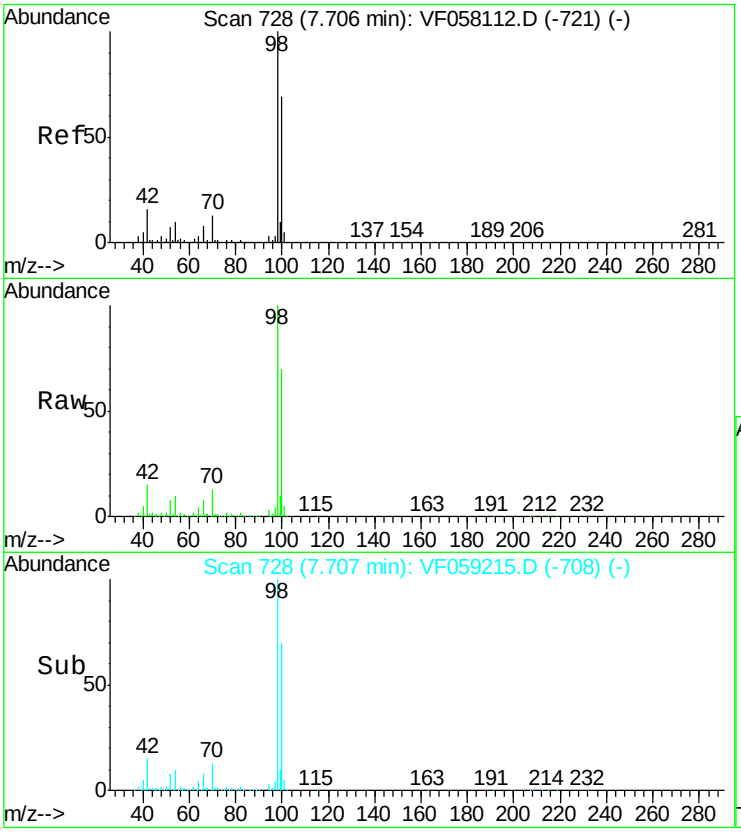


#49
1,4-Dioxane
Concen: 18.000 ug/l
RT: 6.87 min Scan# 643
Delta R.T. 0.00 min
Lab File: VF059215.D
Acq: 20 Jun 2018 5:21

Tgt Ion: 88 Resp: 66

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



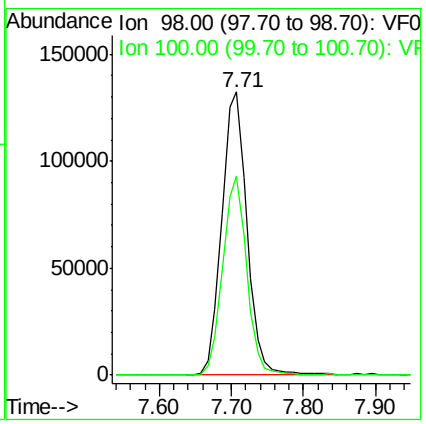


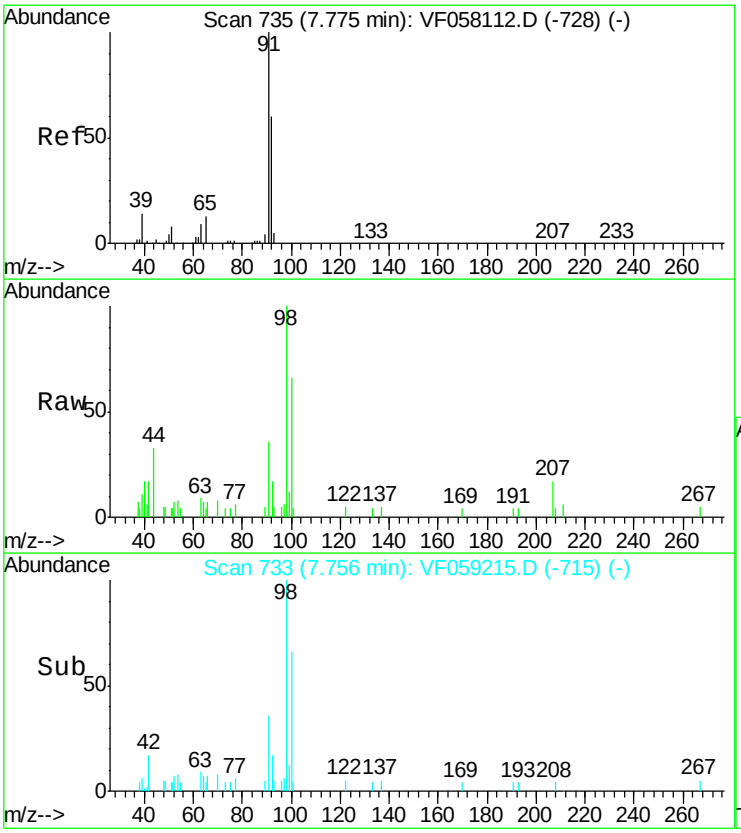
#50
Toluene-d8
Concen: 46.957 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059215.D
Acq: 20 Jun 2018 5:21

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 321456

Ion	Ratio	Lower	Upper
98	100		
100	70.4	55.6	83.4

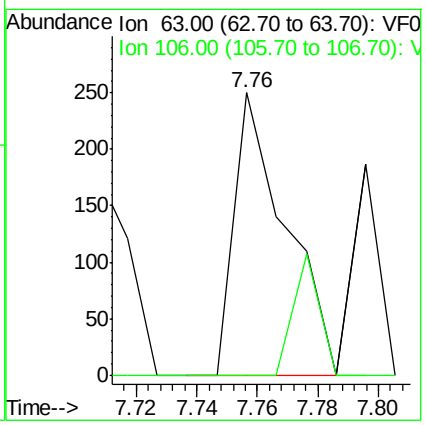


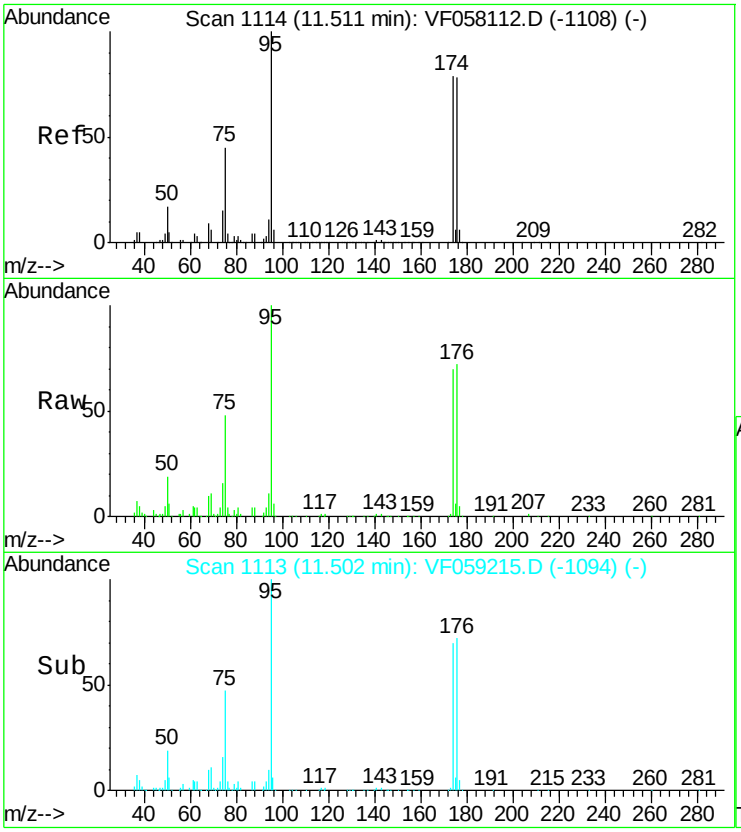


#58
2-Chloroethyl Vinyl ether
Concen: 1.684 ug/l
RT: 7.76 min Scan# 733
Delta R.T. -0.02 min
Lab File: VF059215.D
Acq: 20 Jun 2018 5:21

Tgt Ion: 63 Resp: 296

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



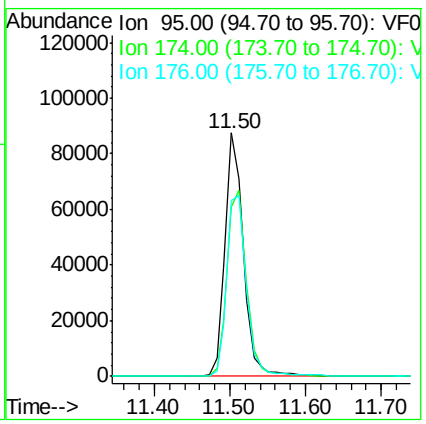


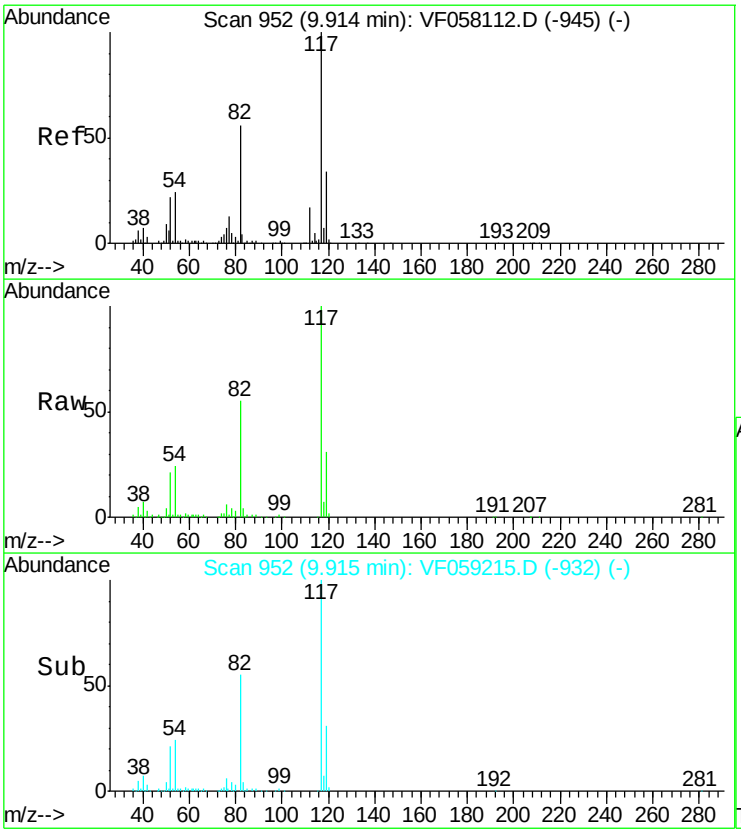
#62
4-Bromofluorobenzene
Concen: 42.076 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059215.D
Acq: 20 Jun 2018 5:21

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 147735

Ion	Ratio	Lower	Upper
95	100		
174	69.7	0.0	157.8
176	72.3	0.0	155.8

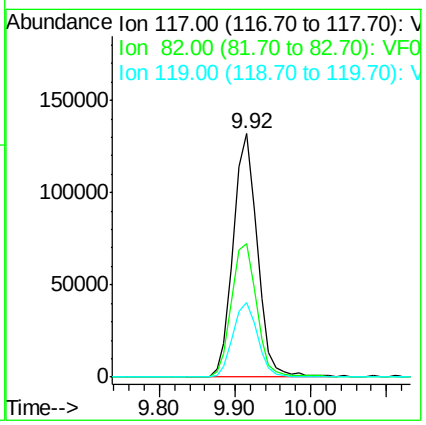


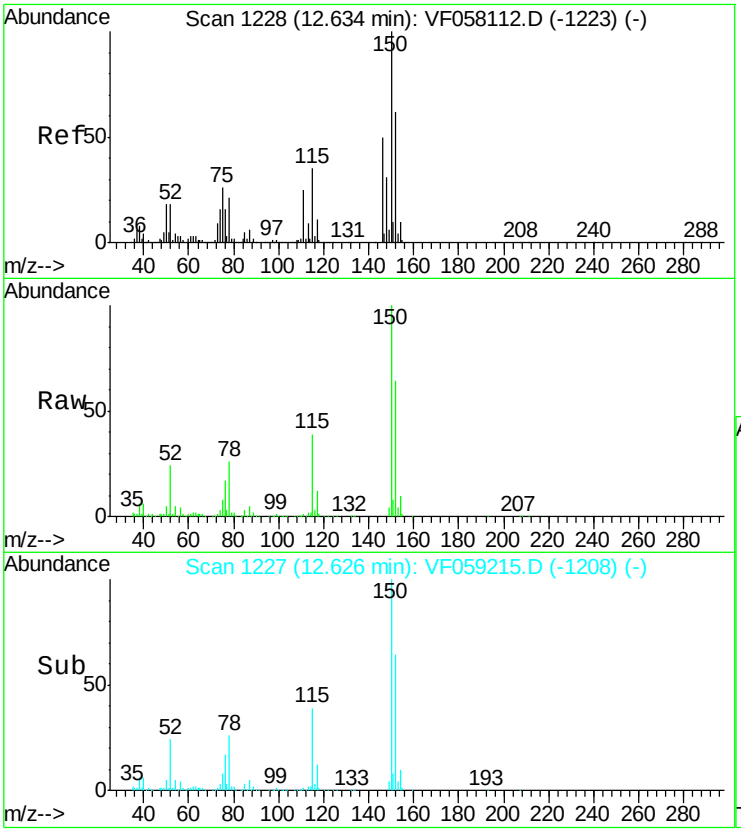


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059215.D
Acq: 20 Jun 2018 5:21

Tgt Ion:117 Resp: 291385

Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.2	67.8
119	30.8	27.5	41.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059215.D
Acq: 20 Jun 2018 5:21

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 153847

Ion	Ratio	Lower	Upper
152	100		
115	60.9	28.5	85.5
150	156.3	0.0	323.8