Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080818\
Data File : VF059929.D
Acq On : 8 Aug 2018 14:14
Operator : VA/AP
Sample : J4327-02RE
Misc : 9.63g/5mL/MSVOA_F/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : FK-BPM-02-007-ABCD

Quant Time: Aug 09 05:21:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	107899	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.79	114	160187	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.94	117	150467	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.65	152	97197	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	78804	40.51	ug/l	0.03
Spiked Amount 50.000			Recovery = 81.02%			
35) Dibromofluoromethane	4.32	113	64861	40.70	ug/l	0.03
Spiked Amount 50.000			Recovery = 81.40%			
50) Toluene-d8	7.73	98	121321	35.78	ug/l	0.02
Spiked Amount 50.000			Recovery = 71.56%			
62) 4-Bromofluorobenzene	11.53	95	71130	37.33	ug/l	0.02
Spiked Amount 50.000			Recovery = 74.66%			
Target Compounds						Qvalue
13) Acrolein	2.22	56	66	1.40	ug/l #	9
16) Acetone	2.33	43	1409	3.92	ug/l #	70
20) Methylene Chloride	2.29	84	2627	Below Cal	#	87
29) Tetrahydrofuran	4.28	42	244	1.70	ug/l #	38
39) Methylcyclohexane	5.80	83	2476	1.78	ug/l #	40
51) 4-Methyl-2-Pentanone	8.43	43	1323	1.58	ug/l	90
56) Ethyl methacrylate	8.80	69	199	3.56	ug/l #	7
59) 2-Hexanone	9.65	43	3121	5.28	ug/l	78
74) N-amyl acetate	11.48	43	866	3.50	ug/l #	47

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

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FK-BPM-02-007-ABCD

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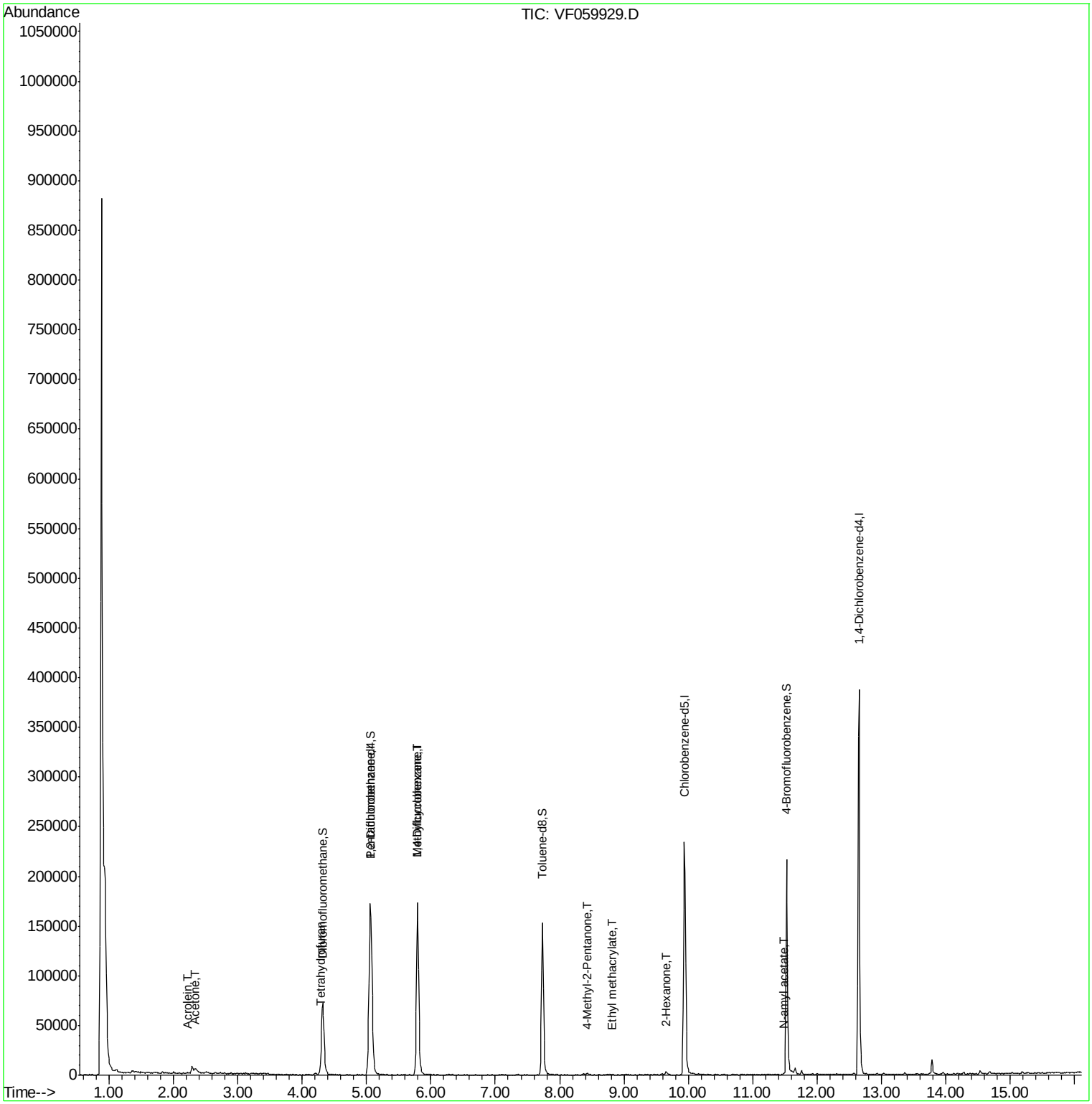
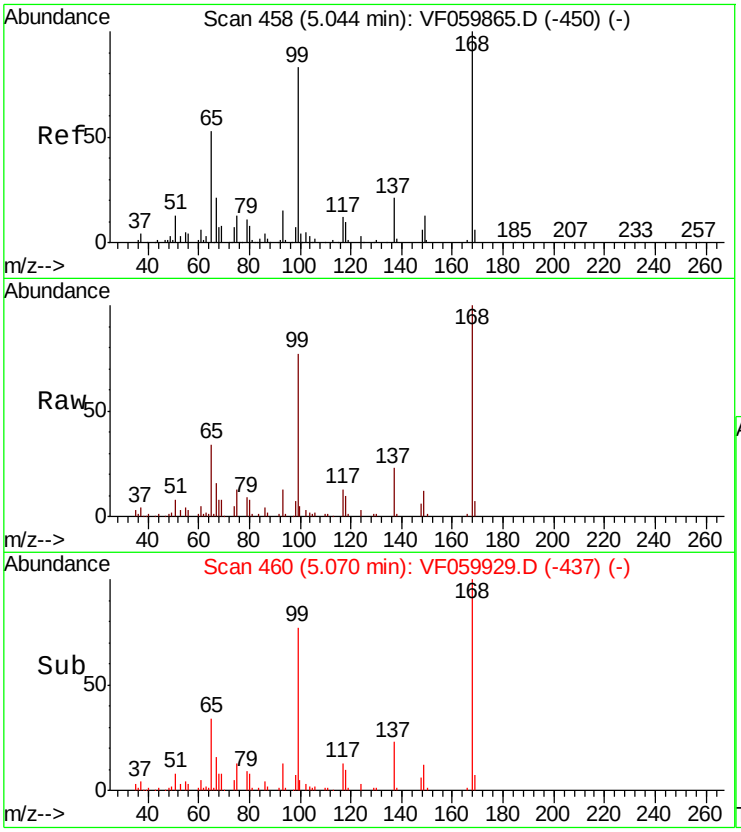


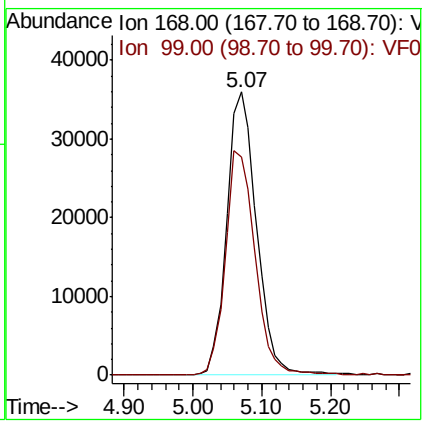


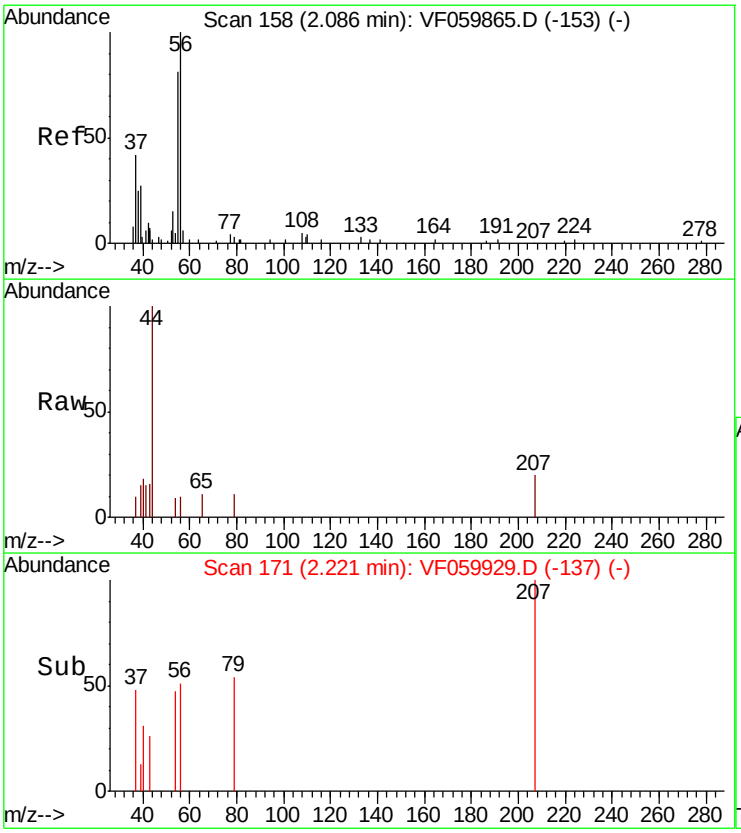
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.07 min Scan# 460
Delta R.T. 0.03 min
Lab File: VF059929.D
Acq: 8 Aug 2018 14:14

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-02-007-ABCD

Tgt Ion:168 Resp: 107899

Ion	Ratio	Lower	Upper
168	100		
99	77.3	66.3	99.5

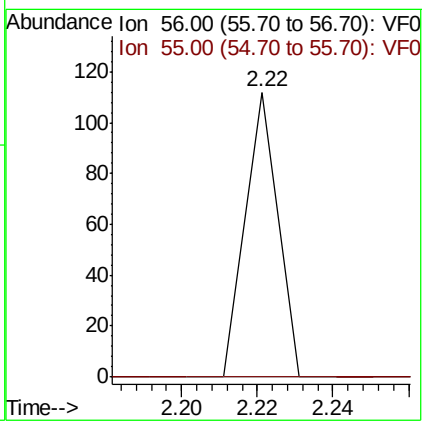


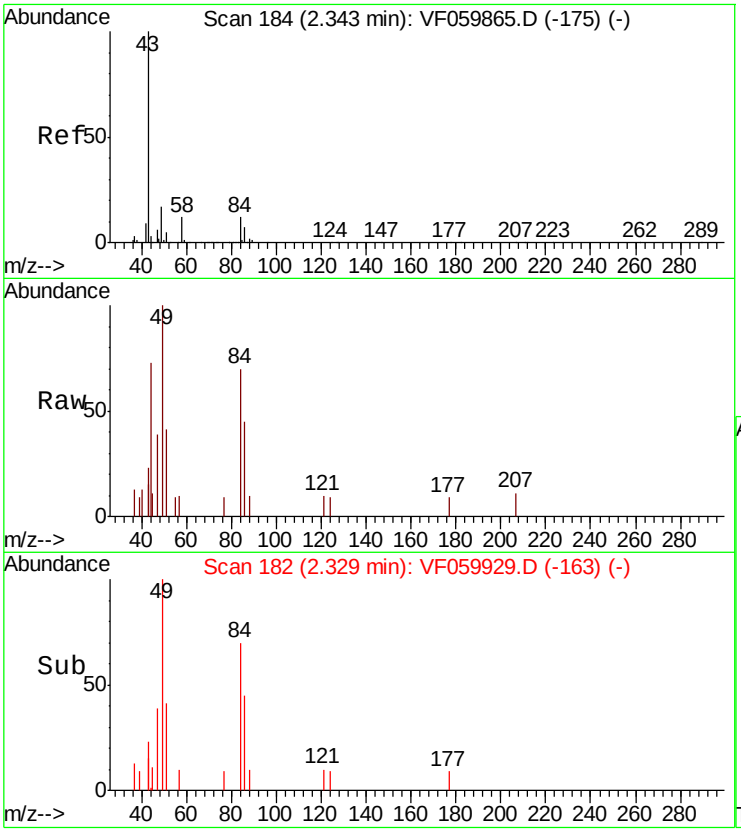


#13
Acrolein
Concen: 1.40 ug/l
RT: 2.22 min Scan# 171
Delta R.T. 0.13 min
Lab File: VF059929.D
Acq: 8 Aug 2018 14:14

Tgt Ion: 56 Resp: 66

Ion	Ratio	Lower	Upper
56	100		
55	0.0	64.6	96.8#



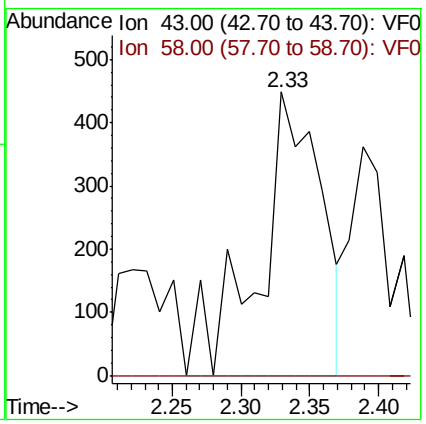


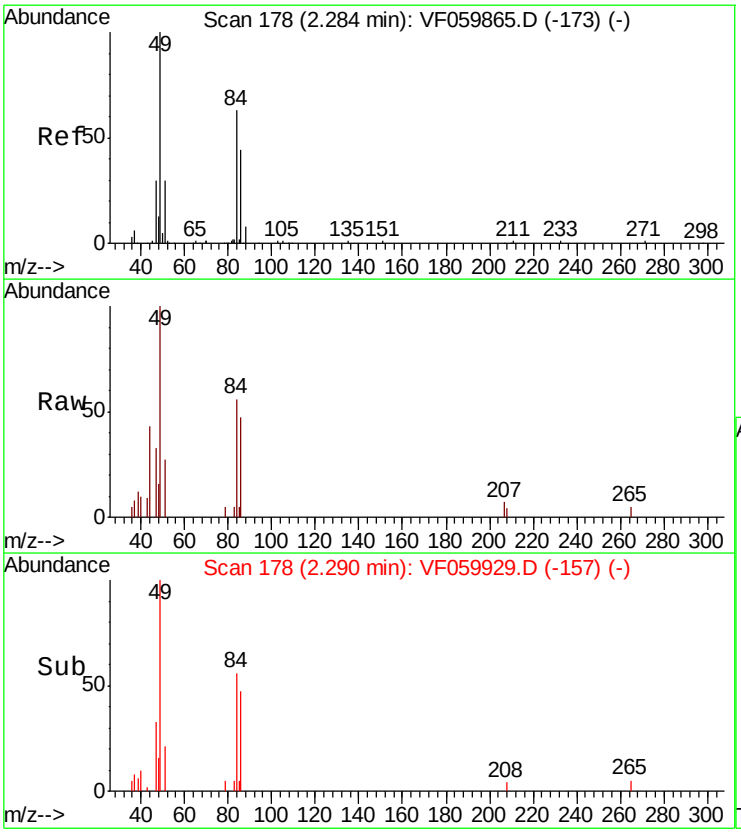
#16
Acetone
Concen: 3.92 ug/l
RT: 2.33 min Scan# 182
Delta R.T. -0.01 min
Lab File: VF059929.D
Acq: 8 Aug 2018 14:14

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-02-007-ABCD

Tgt Ion: 43 Resp: 1409

Ion	Ratio	Lower	Upper
43	100		
58	0.0	9.4	14.0#

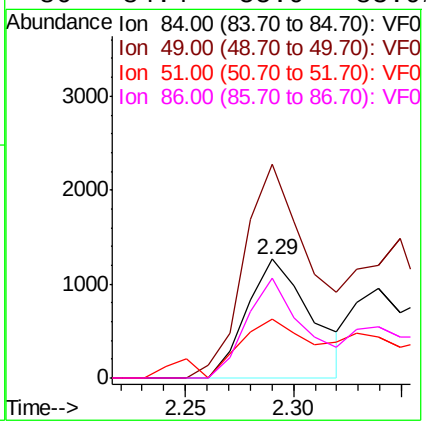


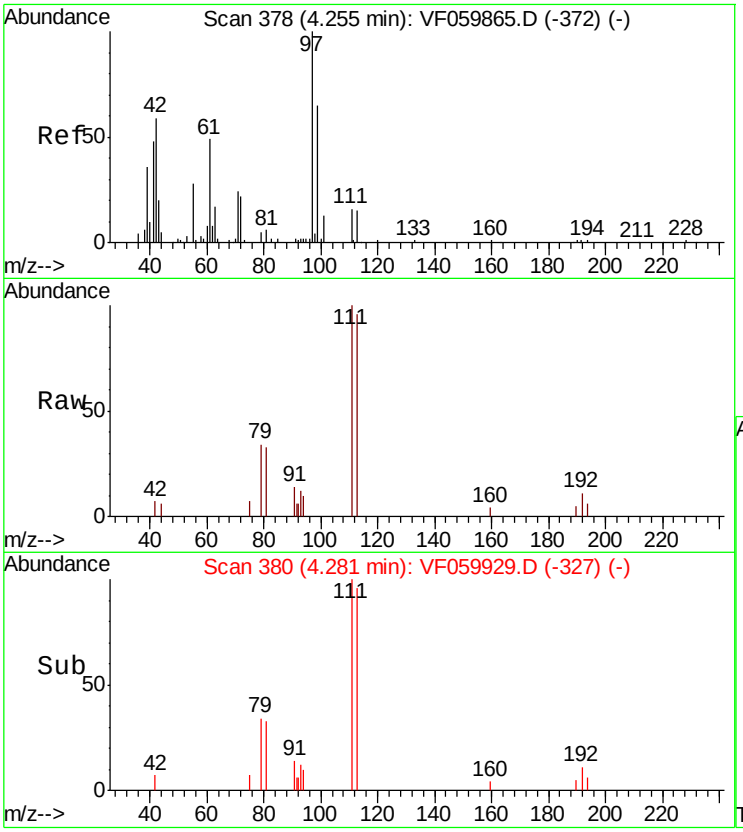


#20
Methylene Chloride
Concen: Below Cal
RT: 2.29 min Scan# 178
Delta R.T. 0.01 min
Lab File: VF059929.D
Acq: 8 Aug 2018 14:14

Tgt Ion: 84 Resp: 2627

Ion	Ratio	Lower	Upper
84	100		
49	179.5	128.7	193.1
51	49.3	39.3	58.9
86	84.4	55.9	83.9#



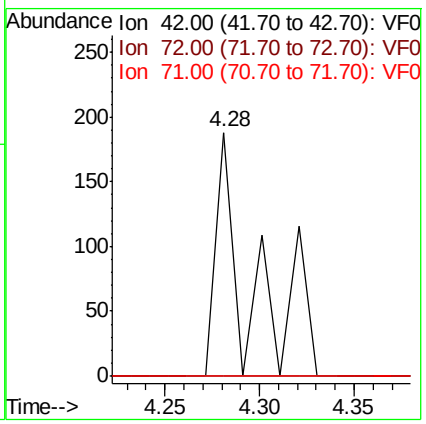


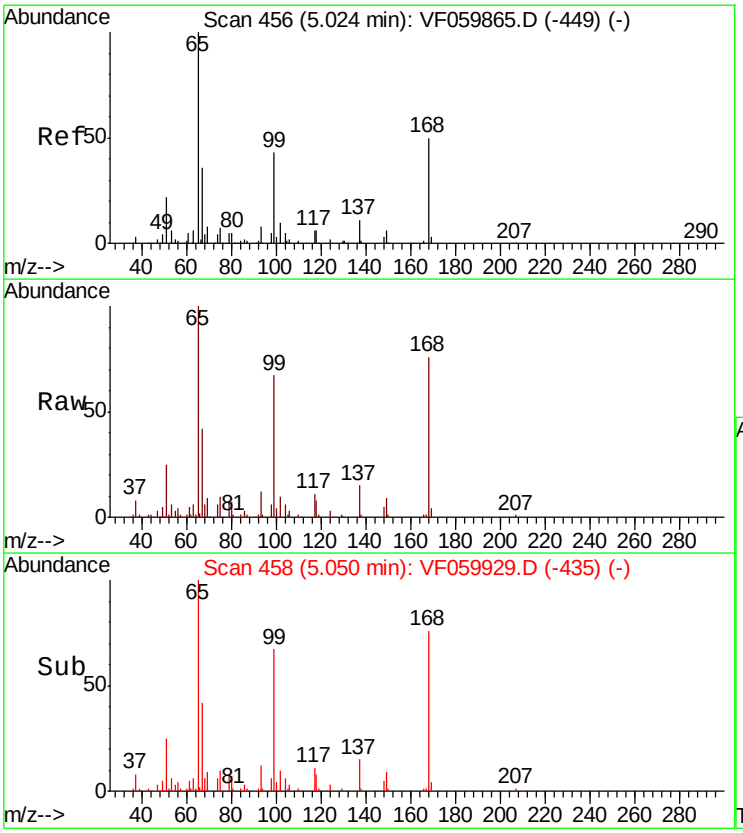
#29
Tetrahydrofuran
Concen: 1.70 ug/l
RT: 4.28 min Scan# 380
Delta R.T. 0.03 min
Lab File: VF059929.D
Acq: 8 Aug 2018 14:14

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-02-007-ABCD

Tgt Ion: 42 Resp: 244

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.3	43.9#
71	0.0	30.0	45.0#

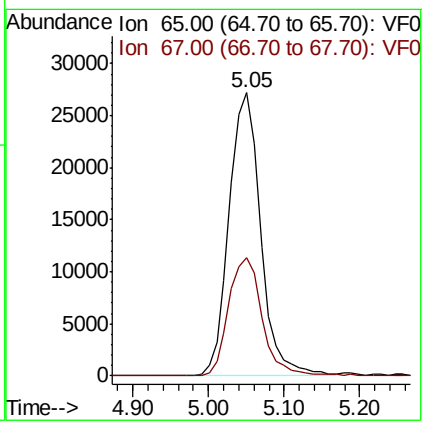


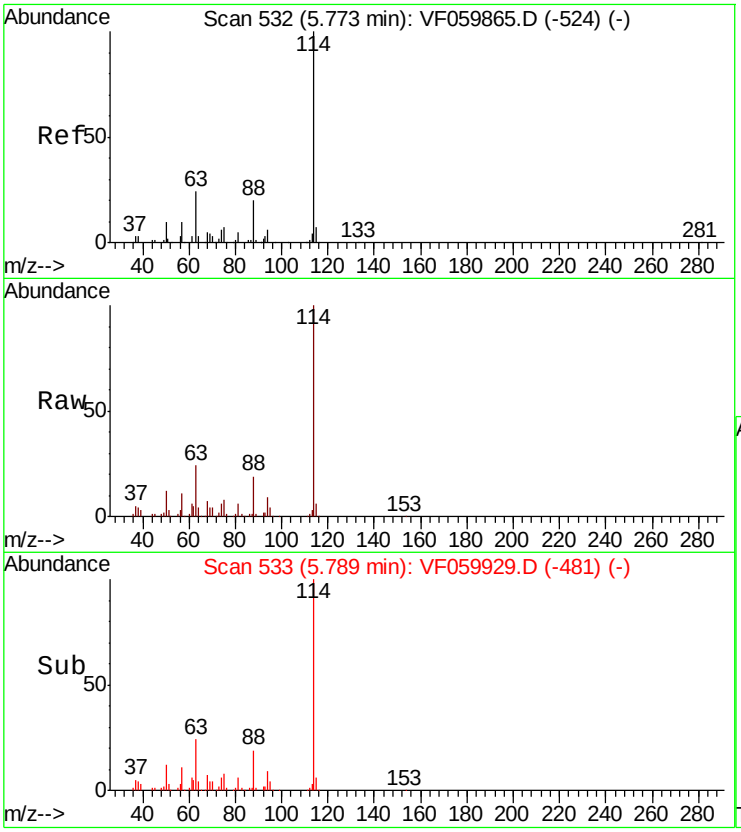


#33
1,2-Dichloroethane-d4
Concen: 40.51 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.03 min
Lab File: VF059929.D
Acq: 8 Aug 2018 14:14

Tgt Ion: 65 Resp: 78804

Ion	Ratio	Lower	Upper
65	100		
67	41.6	0.0	77.2



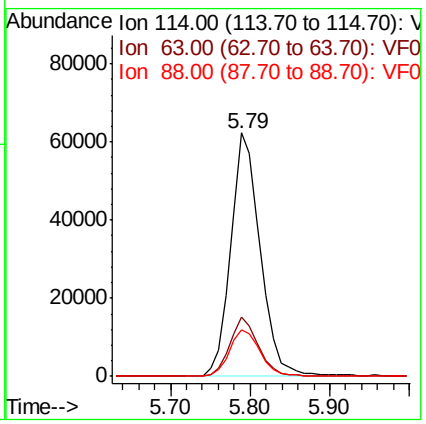


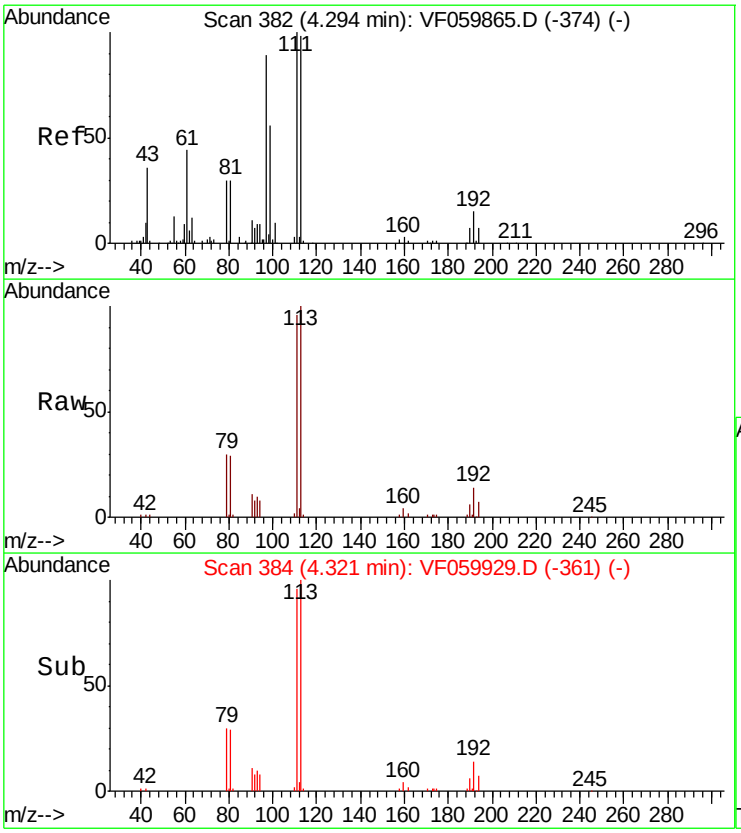
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.79 min Scan# 533
Delta R.T. 0.02 min
Lab File: VF059929.D
Acq: 8 Aug 2018 14:14

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-02-007-ABCD

Tgt Ion:114 Resp: 160187

Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	48.0
88	19.1	0.0	39.4

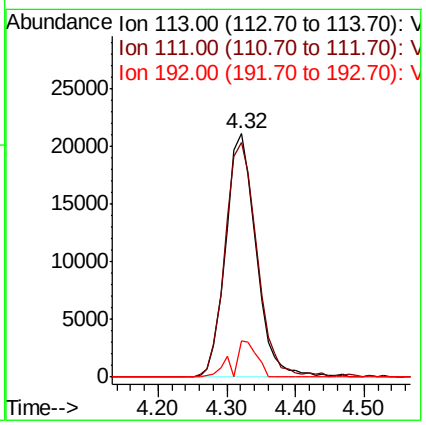


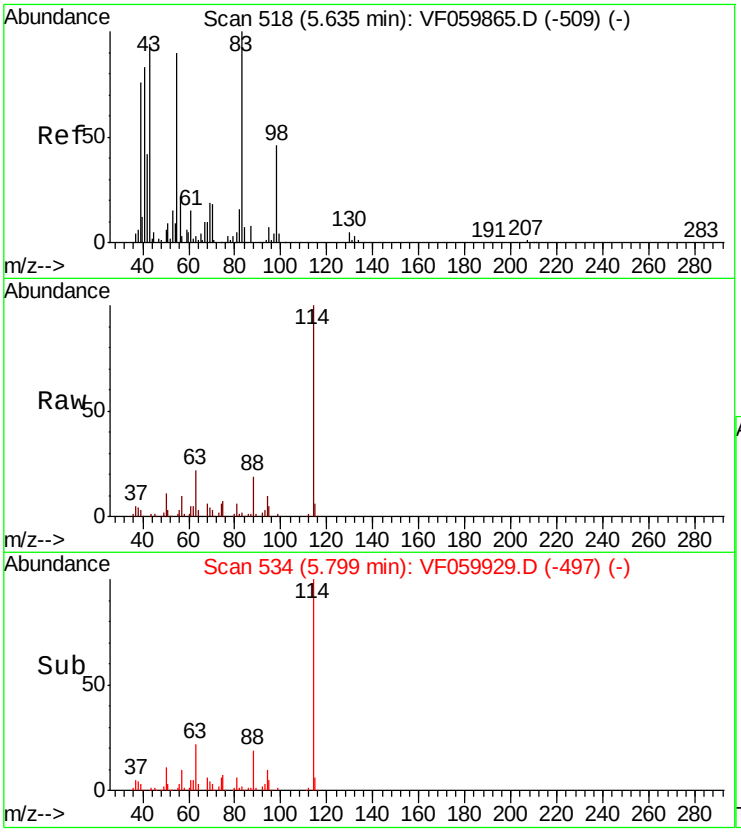


#35
Dibromofluoromethane
Concen: 40.70 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.03 min
Lab File: VF059929.D
Acq: 8 Aug 2018 14:14

Tgt Ion:113 Resp: 64861

Ion	Ratio	Lower	Upper
113	100		
111	96.4	81.8	122.8
192	14.7	12.4	18.6



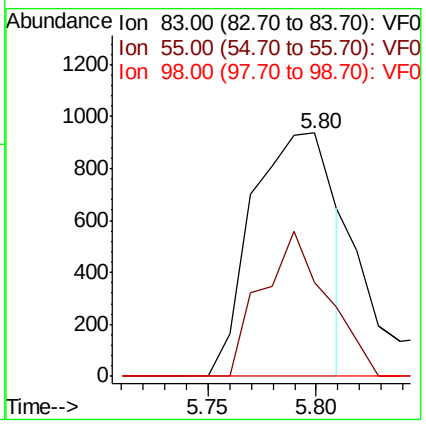


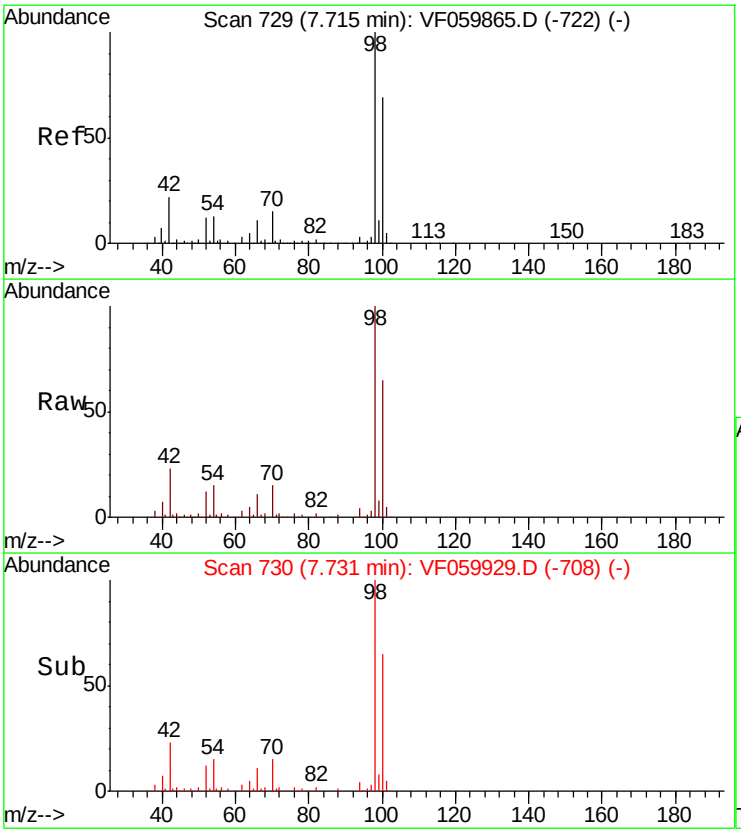
#39
Methylcyclohexane
Concen: 1.78 ug/l
RT: 5.80 min Scan# 534
Delta R.T. 0.16 min
Lab File: VF059929.D
Acq: 8 Aug 2018 14:14

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-02-007-ABCD

Tgt Ion: 83 Resp: 2476

Ion	Ratio	Lower	Upper
83	100		
55	38.6	72.0	108.0#
98	0.0	36.6	54.8#

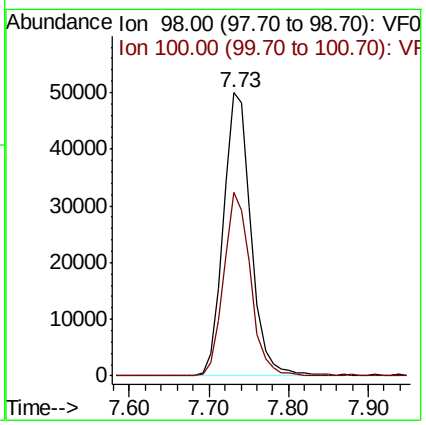


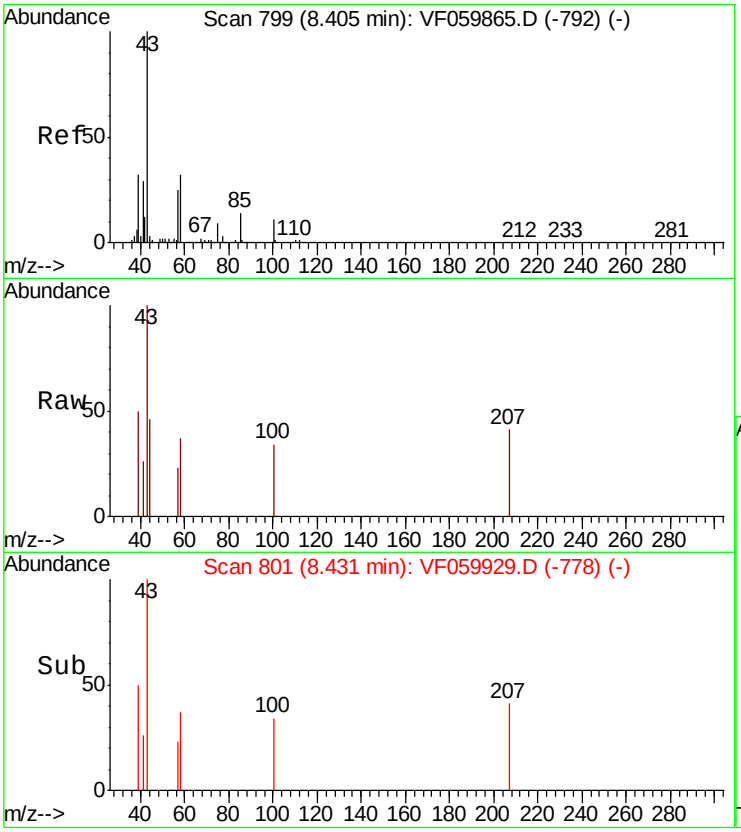


#50
Toluene-d8
Concen: 35.78 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.02 min
Lab File: VF059929.D
Acq: 8 Aug 2018 14:14

Tgt Ion: 98 Resp: 121321

Ion	Ratio	Lower	Upper
98	100		
100	64.7	55.0	82.6



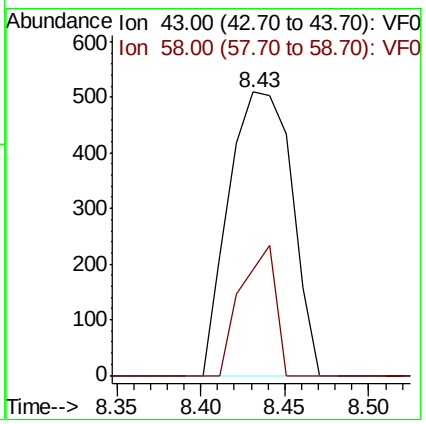


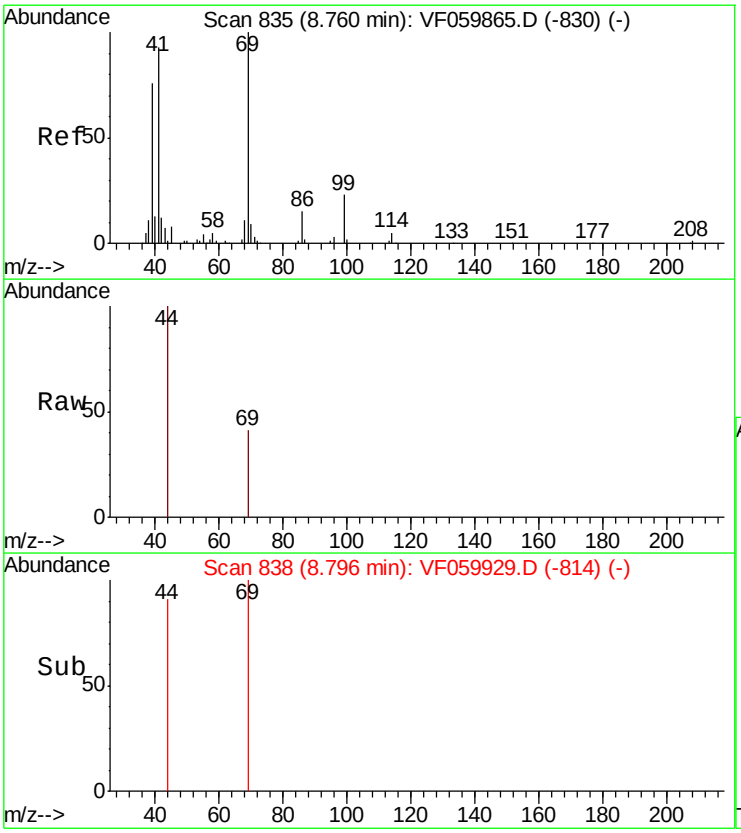
#51
4-Methyl-2-Pentanone
Concen: 1.58 ug/l
RT: 8.43 min Scan# 801
Delta R.T. 0.03 min
Lab File: VF059929.D
Acq: 8 Aug 2018 14:14

Instrument : MSVOA_F
ClientSampleId : FK-BPM-02-007-ABCD

Tgt Ion: 43 Resp: 1323

Ion	Ratio	Lower	Upper
43	100		
58	37.1	25.4	38.0

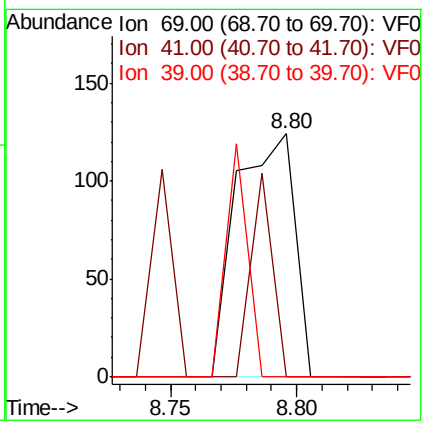


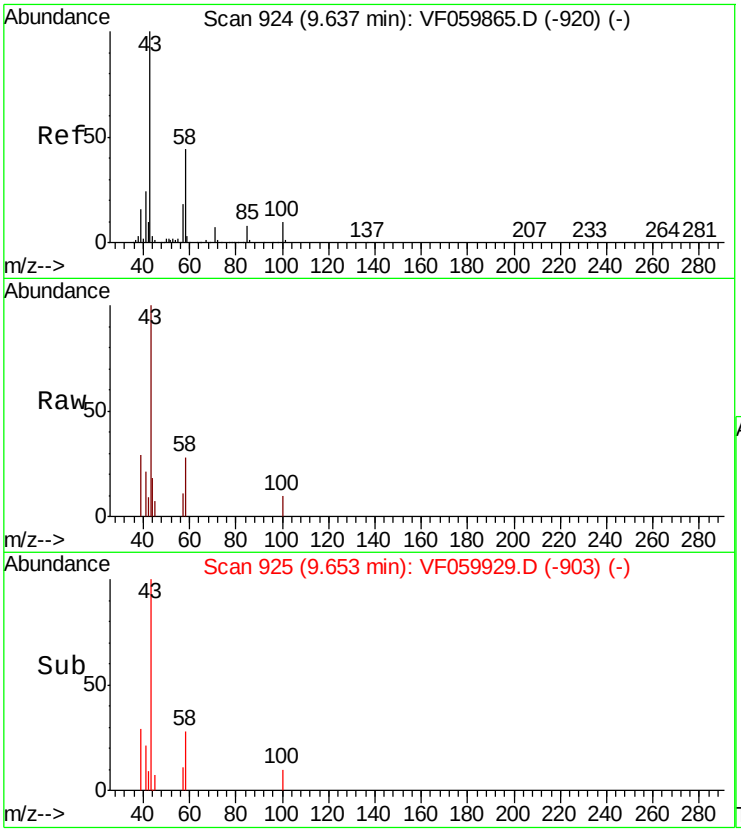


#56
Ethyl methacrylate
Concen: 3.56 ug/l
RT: 8.80 min Scan# 838
Delta R.T. 0.04 min
Lab File: VF059929.D
Acq: 8 Aug 2018 14:14

Tgt Ion: 69 Resp: 199

Ion	Ratio	Lower	Upper
69	100		
41	0.0	74.7	112.1#
39	0.0	61.1	91.7#



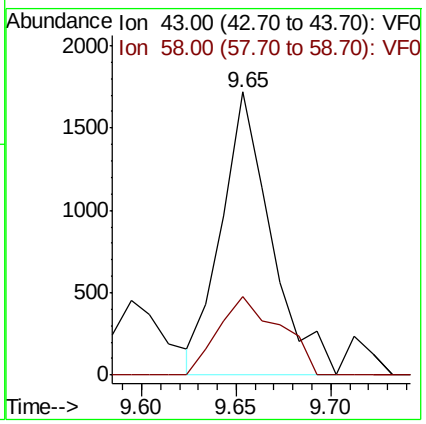


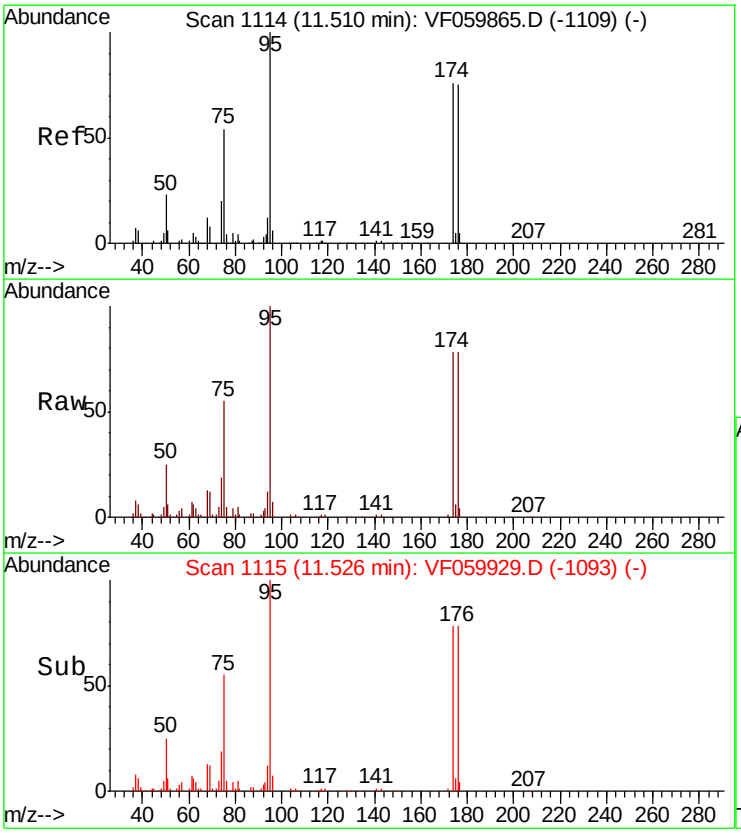
#59
2-Hexanone
Concen: 5.28 ug/l
RT: 9.65 min Scan# 925
Delta R.T. 0.02 min
Lab File: VF059929.D
Acq: 8 Aug 2018 14:14

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-02-007-ABCD

Tgt Ion: 43 Resp: 3121

Ion	Ratio	Lower	Upper
43	100		
58	27.6	20.8	62.2

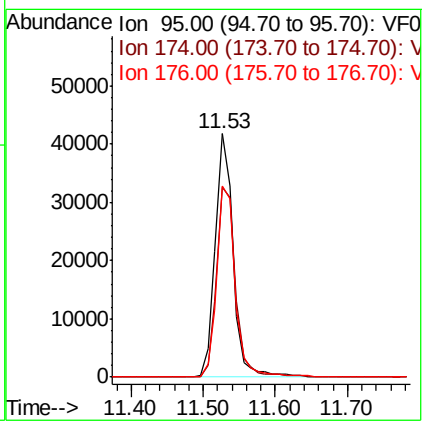


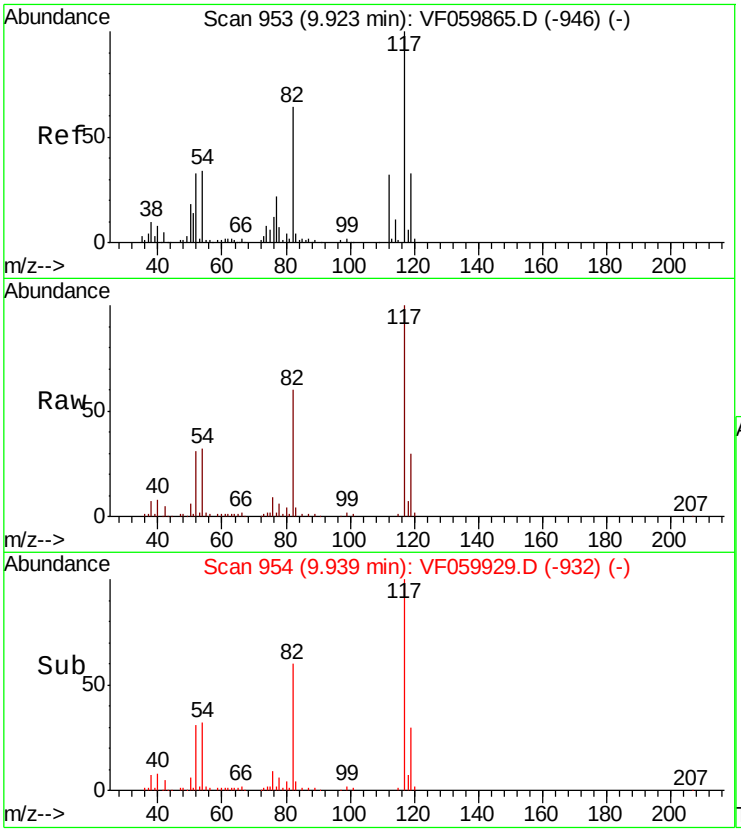


#62
4-Bromofluorobenzene
Concen: 37.33 ug/l
RT: 11.53 min Scan# 1115
Delta R.T. 0.02 min
Lab File: VF059929.D
Acq: 8 Aug 2018 14:14

Tgt Ion: 95 Resp: 71130

Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	151.6
176	78.5	0.0	149.8



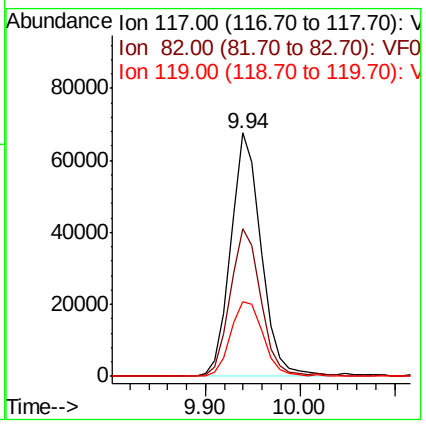


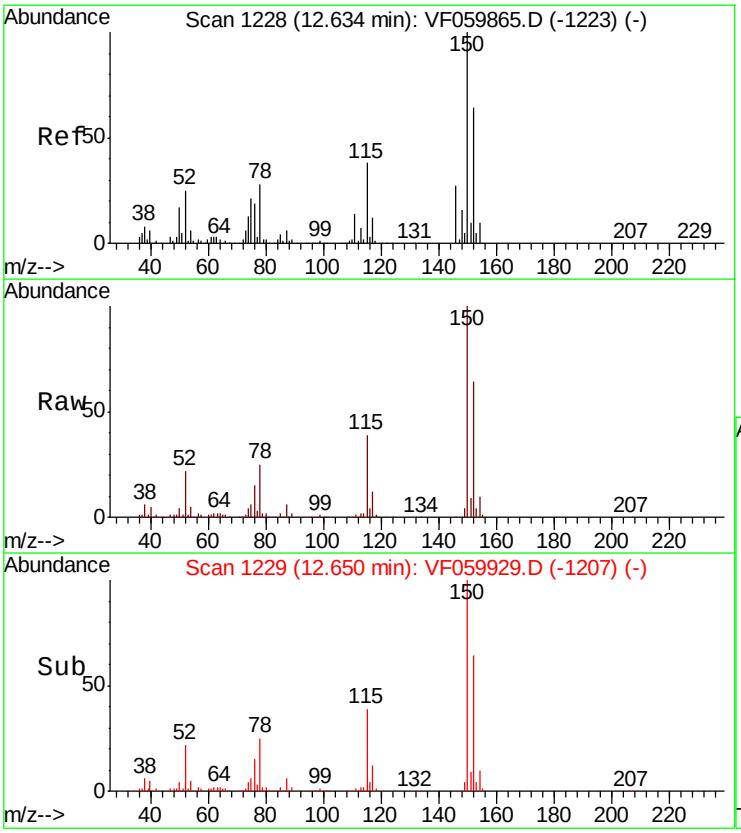
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.94 min Scan# 954
Delta R.T. 0.02 min
Lab File: VF059929.D
Acq: 8 Aug 2018 14:14

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-02-007-ABCD

Tgt Ion:117 Resp: 150467

Ion	Ratio	Lower	Upper
117	100		
82	60.4	51.3	76.9
119	30.5	26.4	39.6

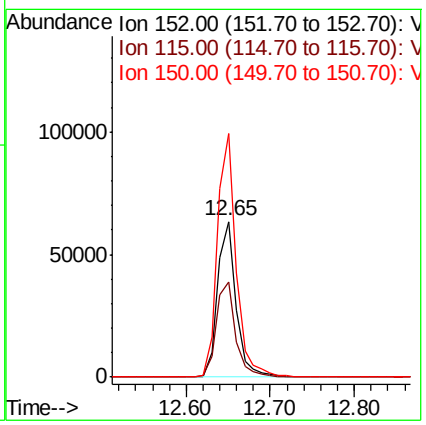


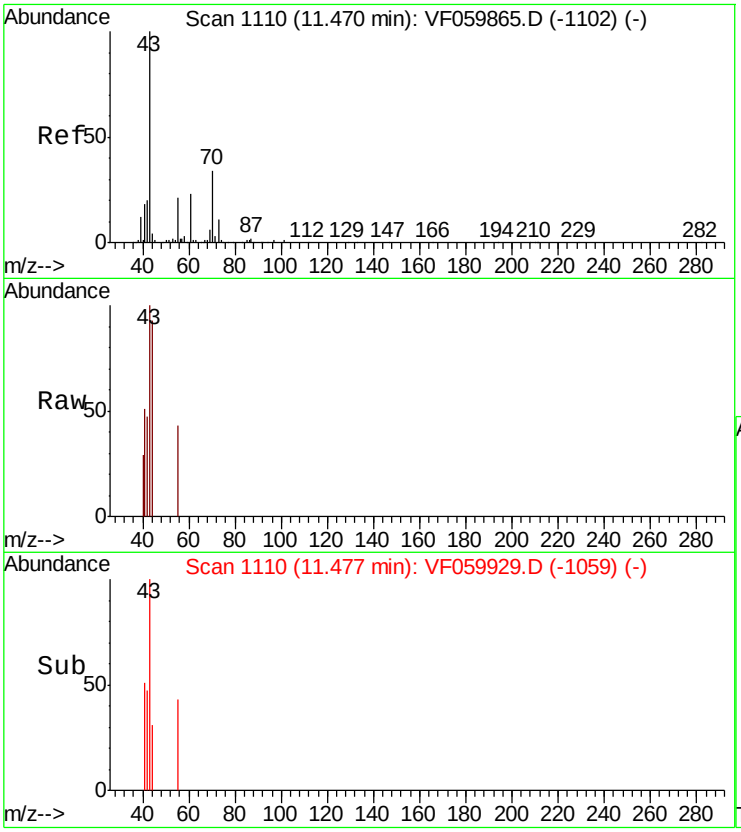


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.65 min Scan# 1229
Delta R.T. 0.02 min
Lab File: VF059929.D
Acq: 8 Aug 2018 14:14

Tgt Ion:152 Resp: 97197

Ion	Ratio	Lower	Upper
152	100		
115	60.7	29.8	89.4
150	156.3	0.0	315.6





#74
N-amyl acetate
Concen: 3.50 ug/l
RT: 11.48 min Scan# 1110
Delta R.T. 0.01 min
Lab File: VF059929.D
Acq: 8 Aug 2018 14:14

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-02-007-ABCD

Tgt Ion: 43 Resp: 866

Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.5	41.3#
55	43.3	16.6	25.0#
61	0.0	18.2	27.4#