Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080418\
Data File : VF059873.D
Acq On : 4 Aug 2018 9:19
Operator : VA/AP
Sample : J4318-07
Misc : 4.50g/5mL/MSVOA_F/SOIL
ALS Vial : 100 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : BEEBEE-SITE-DEMO-3

Quant Time: Aug 06 02:41:44 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	5.05	168	165275	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	255359	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	190591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	58242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	147672	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.12%			
35) Dibromofluoromethane	4.30	113	119641	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.18%			
50) Toluene-d8	7.72	98	204416	37.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.62%			
62) 4-Bromofluorobenzene	11.51	95	74749	24.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 49.22%			
Target Compounds						Qvalue
59) 2-Hexanone	9.64	43	6016	6.38	ug/l	80

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

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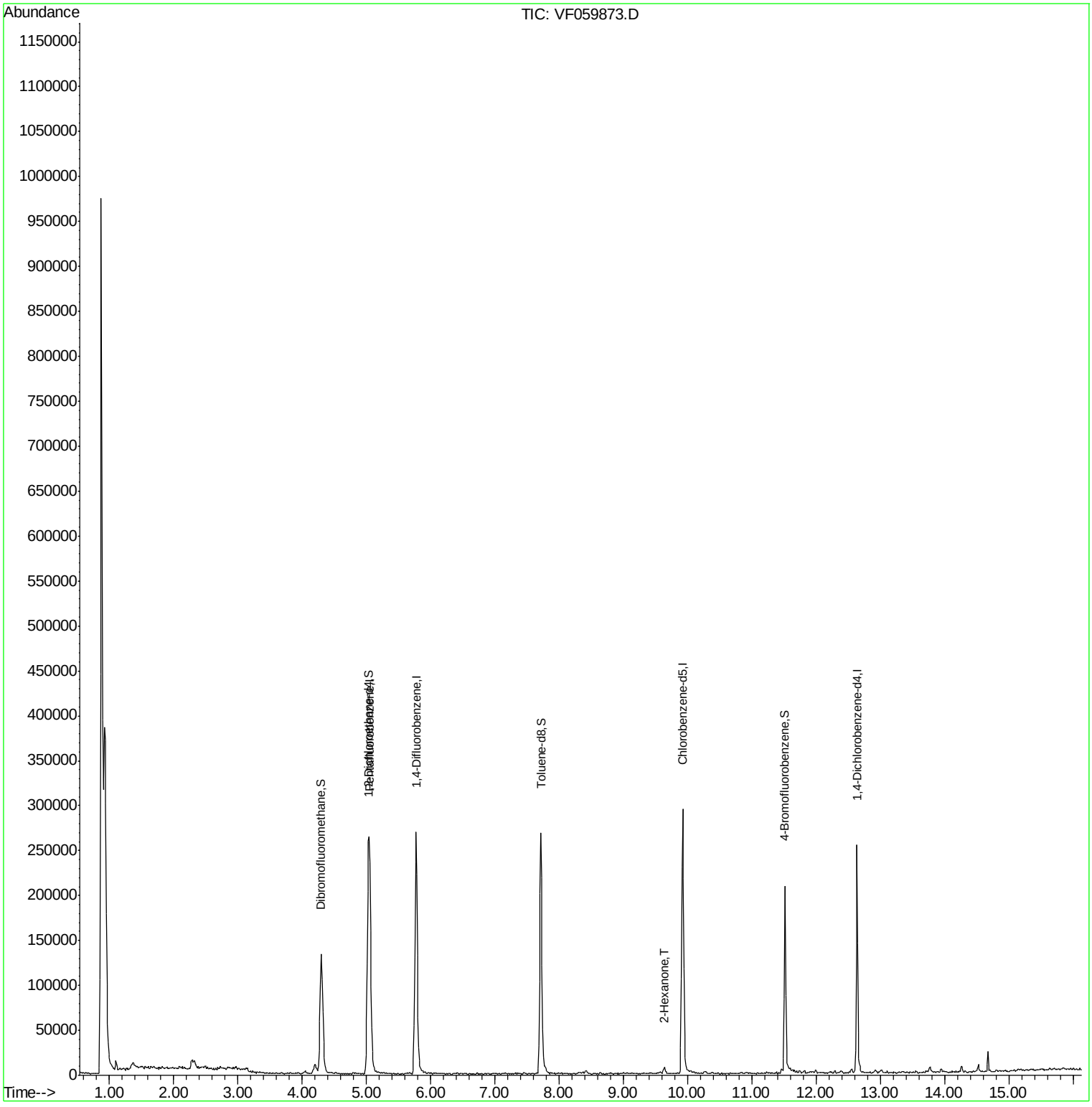
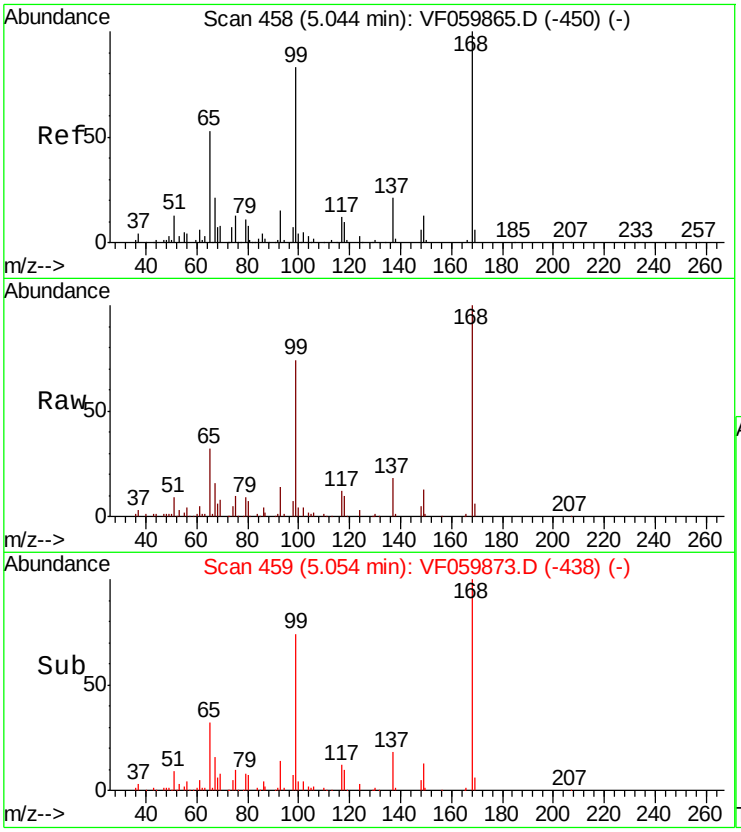


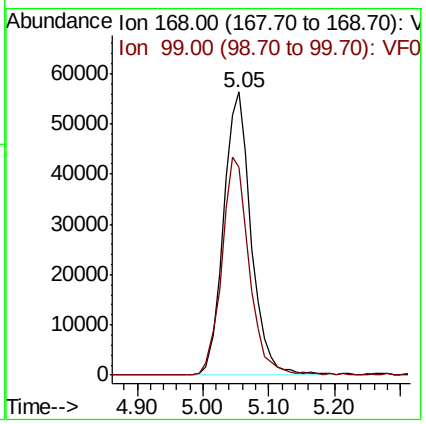


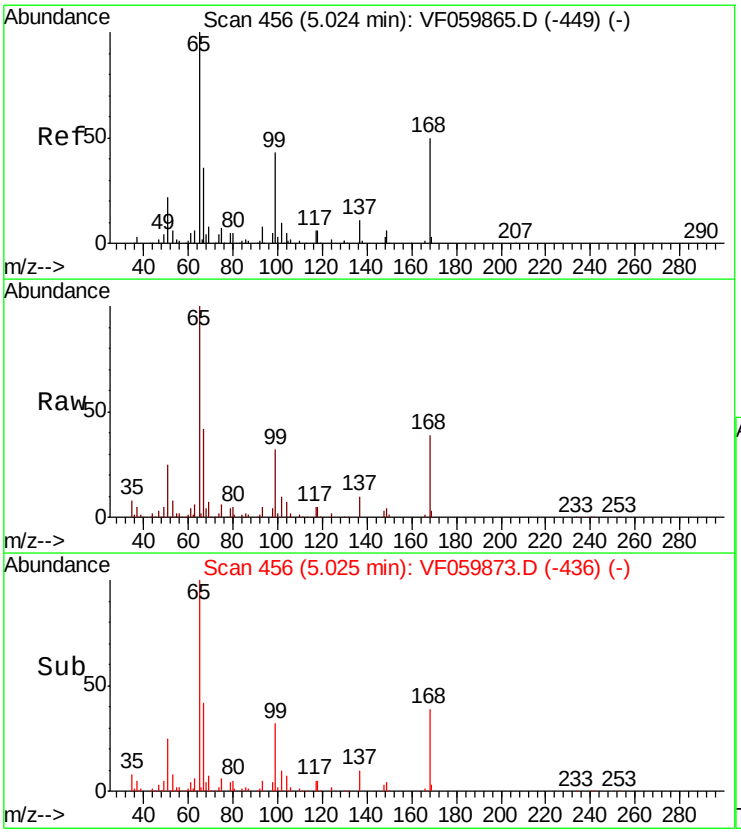
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.05 min Scan# 459
Delta R.T. 0.01 min
Lab File: VF059873.D
Acq: 4 Aug 2018 9:19

Instrument :
MSVOA_F
ClientSampleId :
BEEBEE-SITE-DEMO-3

Tgt Ion:168 Resp: 165275

Ion	Ratio	Lower	Upper
168	100		
99	73.6	66.3	99.5

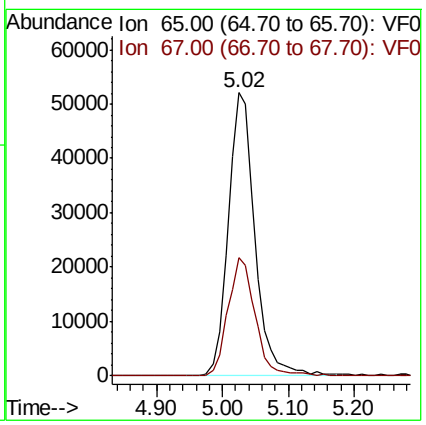


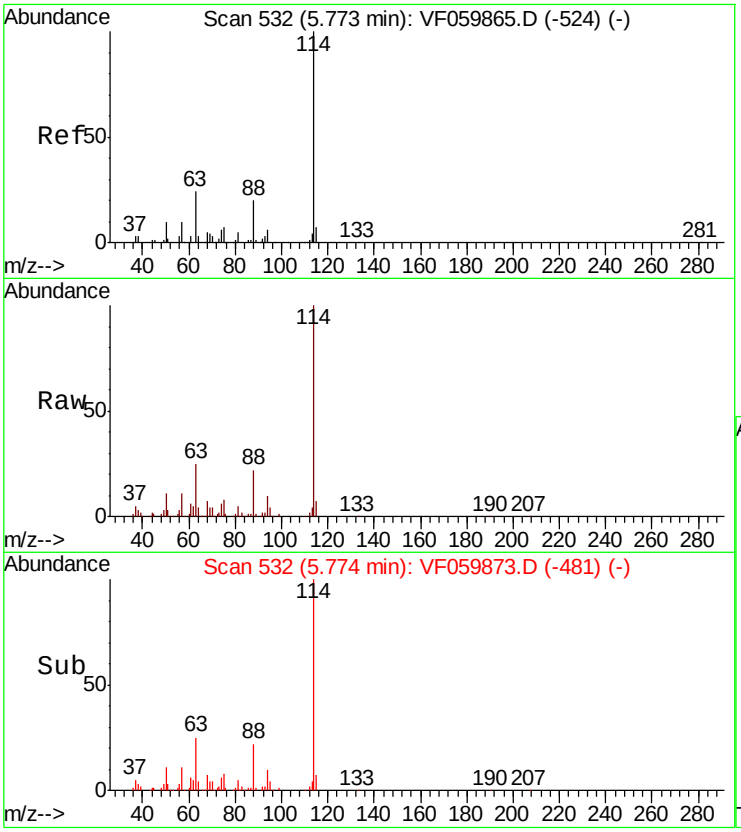


#33
1,2-Dichloroethane-d4
Concen: 49.56 ug/l
RT: 5.02 min Scan# 456
Delta R.T. 0.00 min
Lab File: VF059873.D
Acq: 4 Aug 2018 9:19

Tgt Ion: 65 Resp: 147672

Ion	Ratio	Lower	Upper
65	100		
67	41.9	0.0	77.2



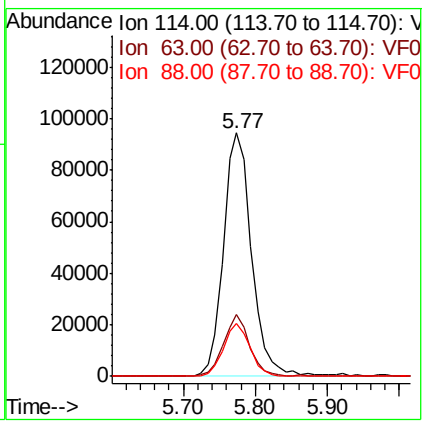


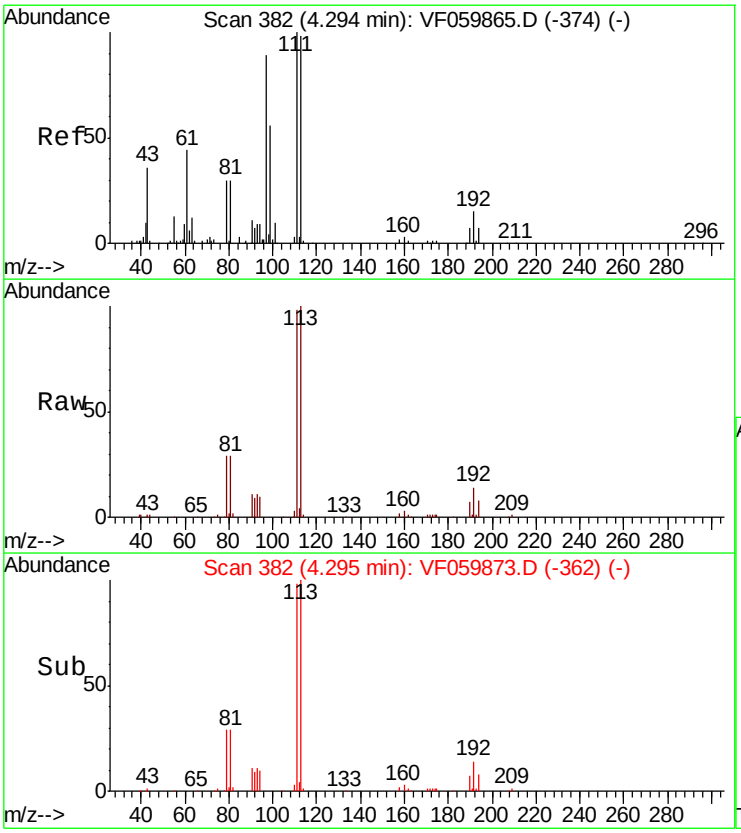
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.77 min Scan# 532
Delta R.T. 0.00 min
Lab File: VF059873.D
Acq: 4 Aug 2018 9:19

Instrument :
MSVOA_F
ClientSampleId :
BEEBEE-SITE-DEMO-3

Tgt Ion:114 Resp: 255359

Ion	Ratio	Lower	Upper
114	100		
63	25.3	0.0	48.0
88	21.9	0.0	39.4

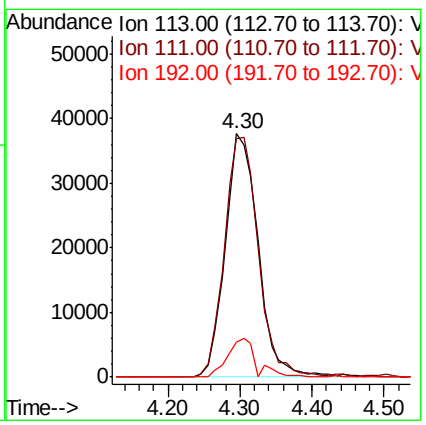


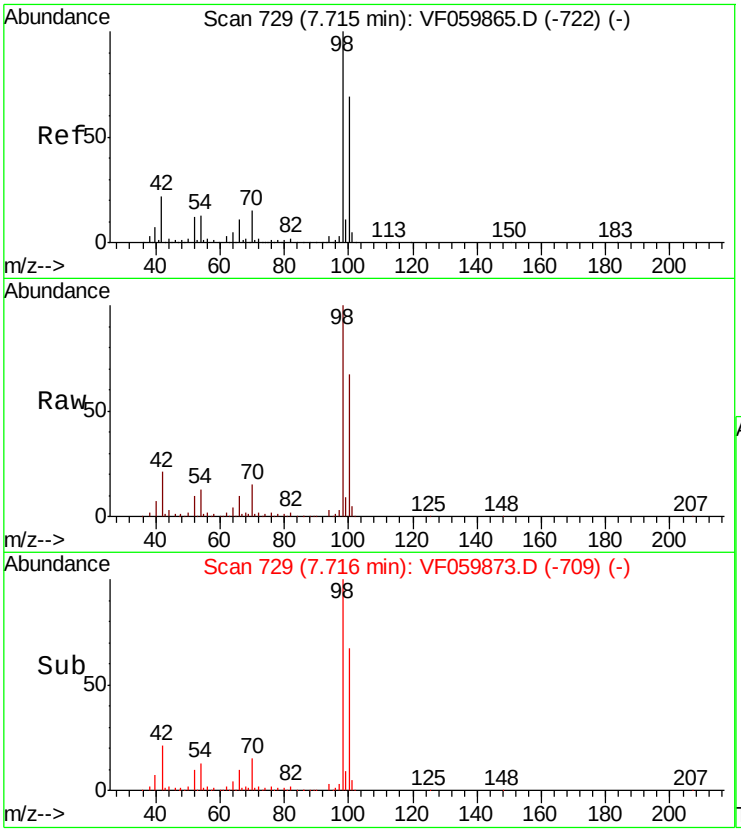


#35
Dibromofluoromethane
Concen: 47.09 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.00 min
Lab File: VF059873.D
Acq: 4 Aug 2018 9:19

Tgt Ion:113 Resp: 119641

Ion	Ratio	Lower	Upper
113	100		
111	98.0	81.8	122.8
192	14.2	12.4	18.6



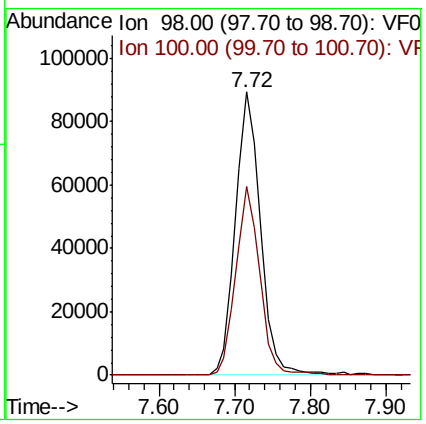


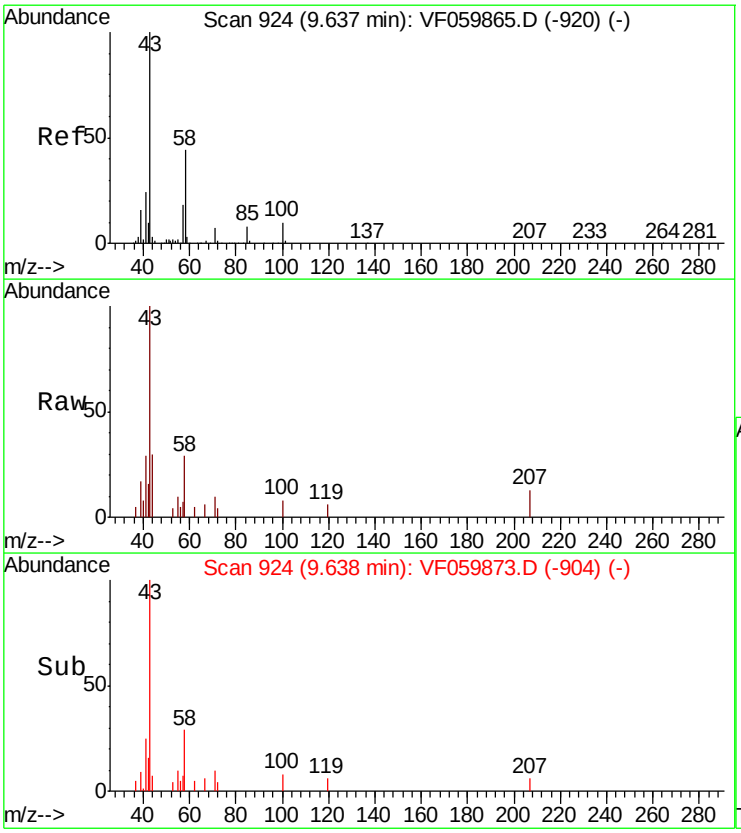
#50
Toluene-d8
Concen: 37.81 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF059873.D
Acq: 4 Aug 2018 9:19

Instrument :
MSVOA_F
ClientSampleId :
BEEBEE-SITE-DEMO-3

Tgt Ion: 98 Resp: 204416

Ion	Ratio	Lower	Upper
98	100		
100	66.7	55.0	82.6

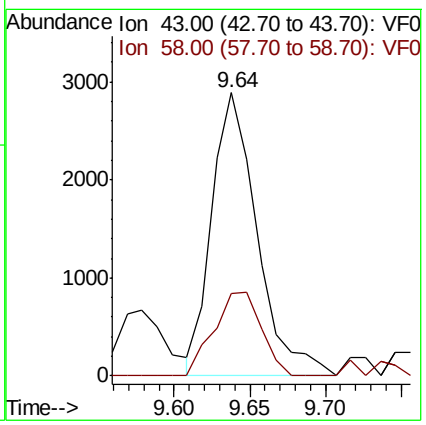


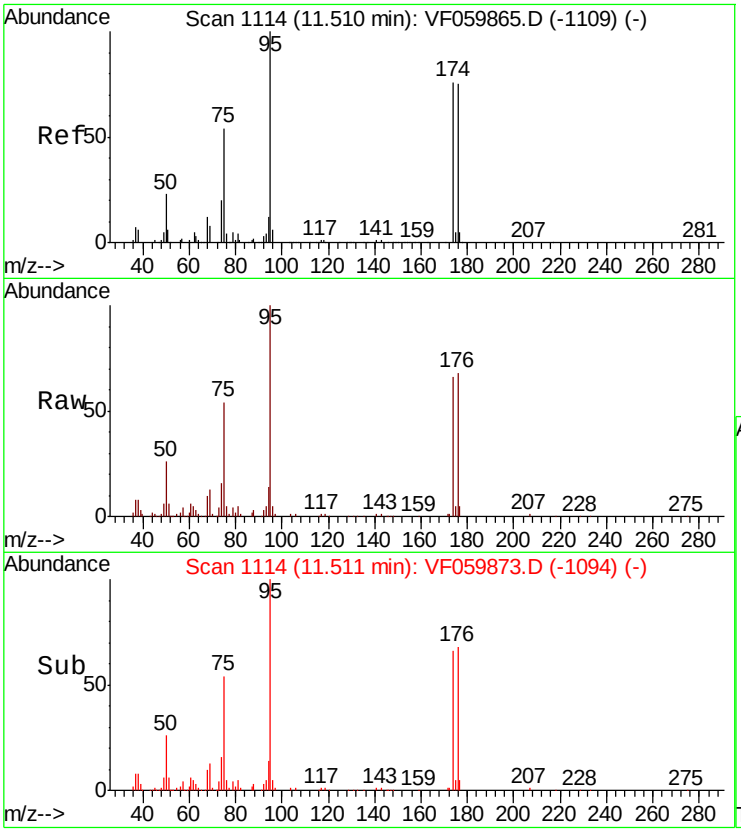


#59
2-Hexanone
Concen: 6.38 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.00 min
Lab File: VF059873.D
Acq: 4 Aug 2018 9:19

Tgt Ion: 43 Resp: 6016

Ion	Ratio	Lower	Upper
43	100		
58	29.0	20.8	62.2



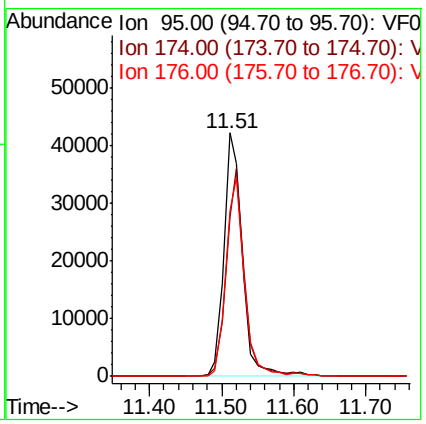


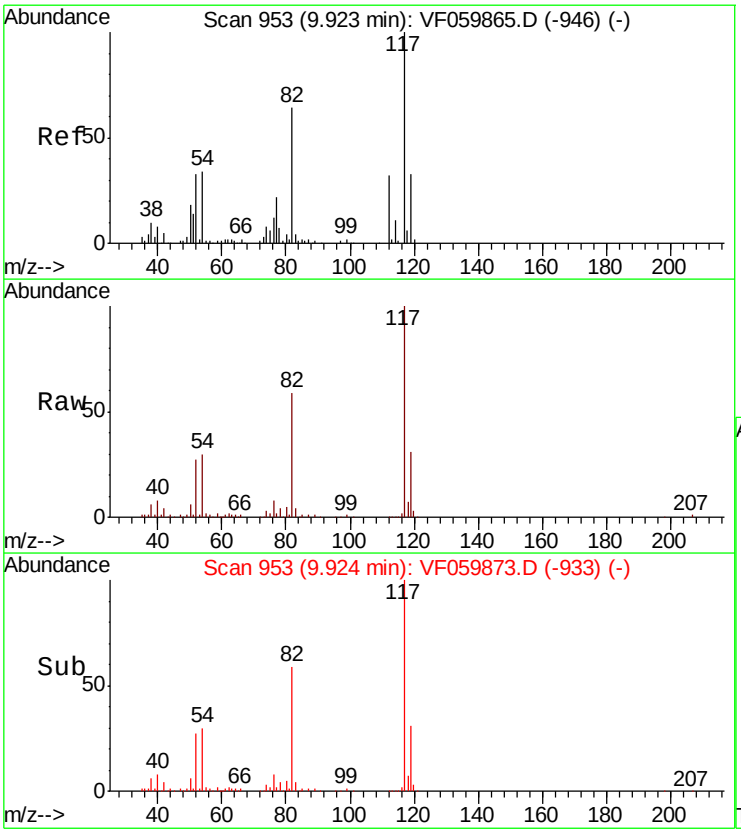
#62
4-Bromofluorobenzene
Concen: 24.61 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059873.D
Acq: 4 Aug 2018 9:19

Instrument :
MSVOA_F
ClientSampleId :
BEEBEE-SITE-DEMO-3

Tgt Ion: 95 Resp: 74749

Ion	Ratio	Lower	Upper
95	100		
174	65.6	0.0	151.6
176	68.1	0.0	149.8

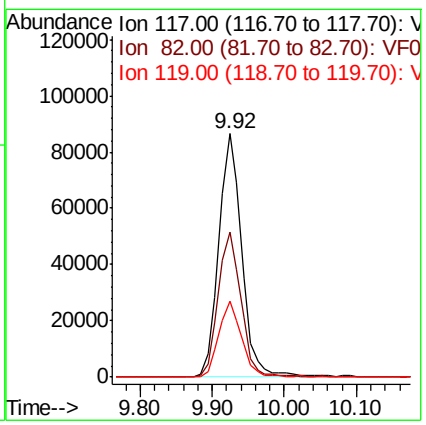


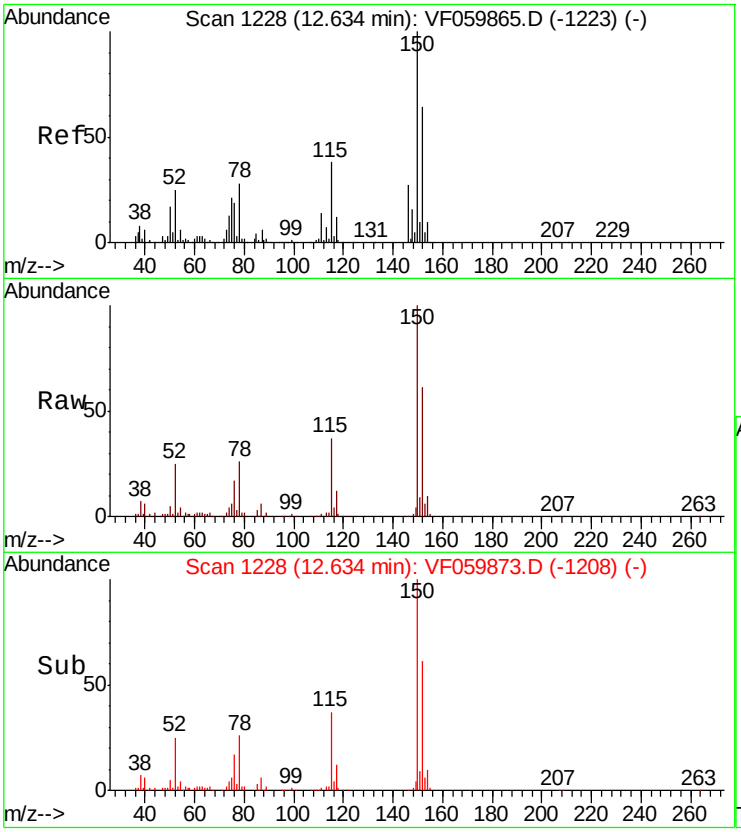


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059873.D
Acq: 4 Aug 2018 9:19

Tgt Ion:117 Resp: 190591

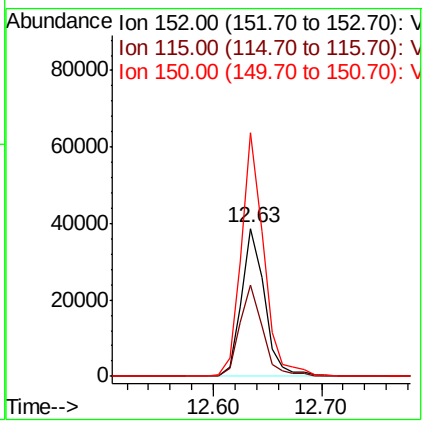
Ion	Ratio	Lower	Upper
117	100		
82	59.5	51.3	76.9
119	31.0	26.4	39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059873.D
Acq: 4 Aug 2018 9:19

Instrument :
MSVOA_F
ClientSampleId :
BEEBEE-SITE-DEMO-3

Tgt Ion:152 Resp: 58242

Ion	Ratio	Lower	Upper
152	100		
115	61.6	29.8	89.4
150	164.4	0.0	315.6