Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF080718\
Data File : VF059910.D
Acq On : 7 Aug 2018 9:20
Operator : VA/AP
Sample : J4297-01
Misc : 6.12g/5mL/MSVOA_F/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Aug 07 10:51:57 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	5.04	168	188963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	252261	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	240692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	161438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	140887	41.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.72%			
35) Dibromofluoromethane	4.30	113	117536	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.66%			
50) Toluene-d8	7.72	98	219427	41.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.18%			
62) 4-Bromofluorobenzene	11.51	95	124745	41.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.14%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.66	59	604	4.395	ug/l #	74
13) Acrolein	2.00	56	286	3.473	ug/l	87
16) Acetone	2.33	43	2010	3.196	ug/l #	70
20) Methylene Chloride	2.28	84	13833	3.200	ug/l	89
29) Tetrahydrofuran	4.28	42	274	1.088	ug/l #	26
39) Methylcyclohexane	5.77	83	5182	2.368	ug/l #	47
40) Benzene	4.80	78	185	Below Cal	#	49
49) 1,4-Dioxane	6.93	88	75	89.995	ug/l #	16
51) 4-Methyl-2-Pentanone	8.43	43	1882	1.427	ug/l	97
56) Ethyl methacrylate	8.77	69	531	3.697	ug/l #	44
58) 2-Chloroethyl Vinyl ether	7.76	63	246	1.402	ug/l	100
59) 2-Hexanone	9.64	43	3102	3.329	ug/l	94
74) N-amyl acetate	11.47	43	1166	3.400	ug/l #	47

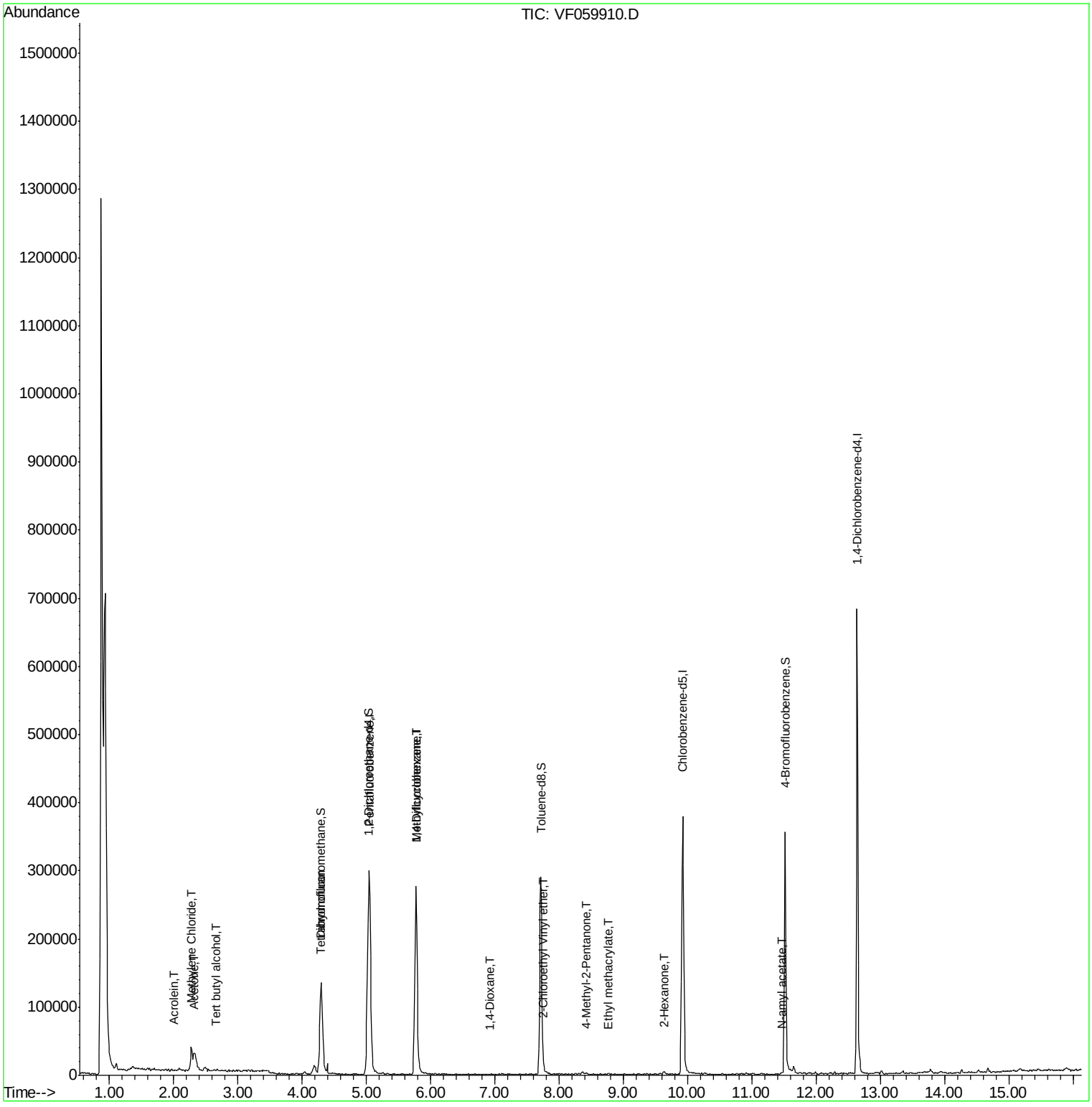
(#) = qualifier out of range (m) = manual integration (+) = signals summed

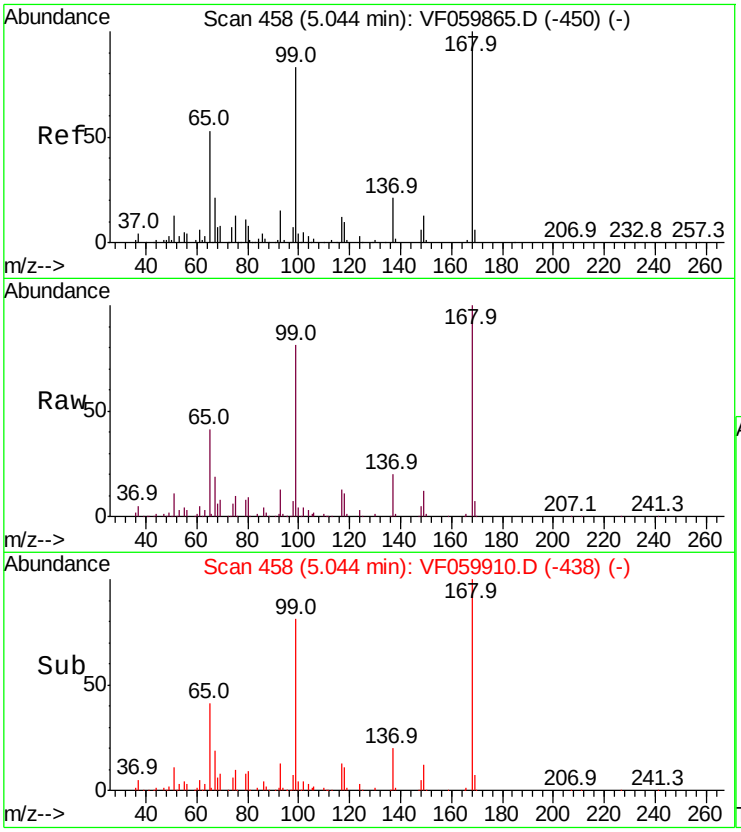
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080718\
Data File : VF059910.D
Acq On : 7 Aug 2018 9:20
Operator : VA/AP
Sample : J4297-01
Misc : 6.12g/5mL/MSVOA F/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Aug 07 10:51:57 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



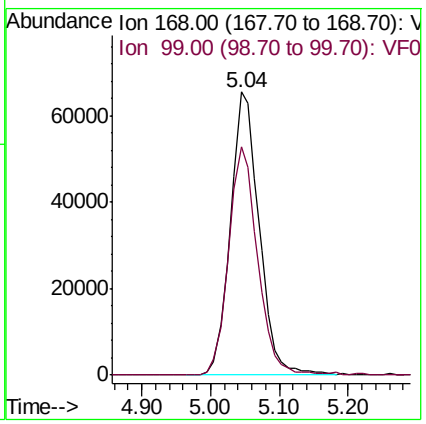


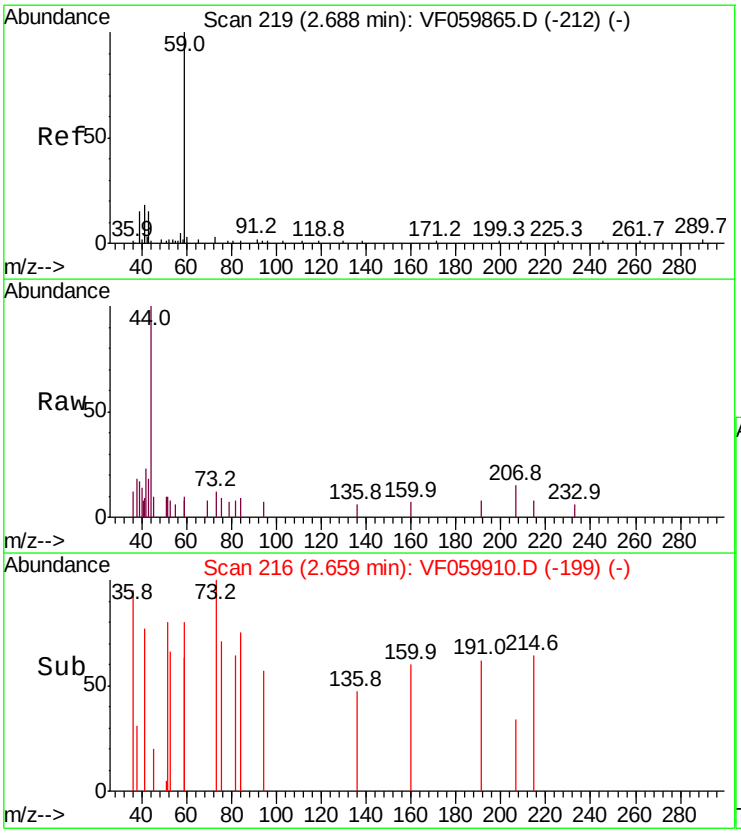
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 458
Delta R.T. 0.00 min
Lab File: VF059910.D
Acq: 7 Aug 2018 9:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 188963

Ion	Ratio	Lower	Upper
168	100		
99	80.5	66.3	99.5

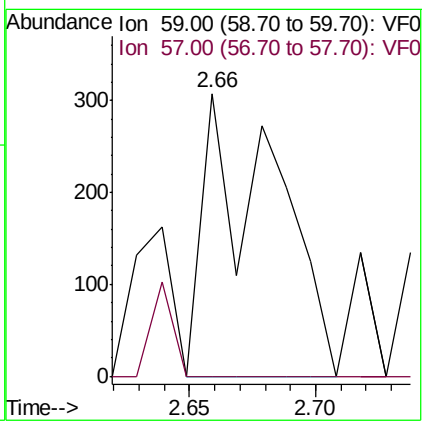


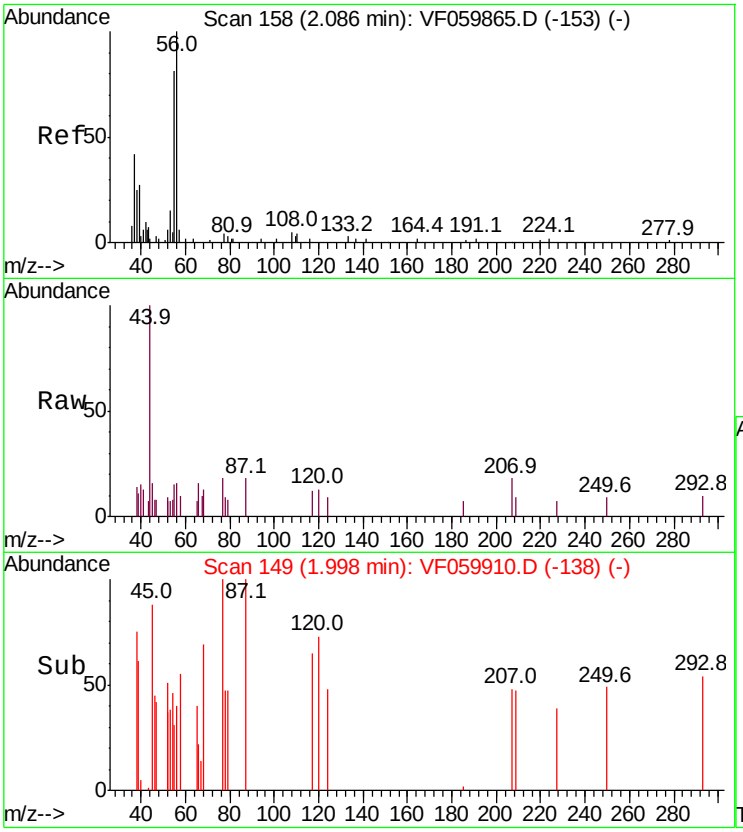


#11
Tert butyl alcohol
Concen: 4.395 ug/l
RT: 2.66 min Scan# 216
Delta R.T. -0.03 min
Lab File: VF059910.D
Acq: 7 Aug 2018 9:20

Tgt Ion: 59 Resp: 604

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.6	11.4#



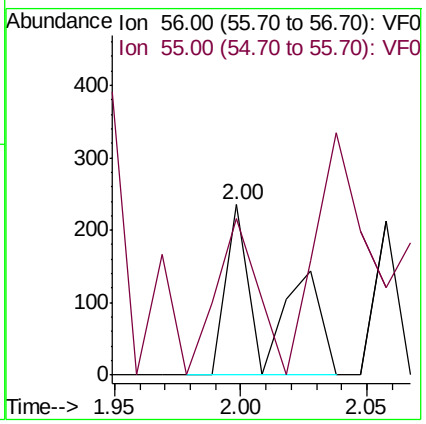


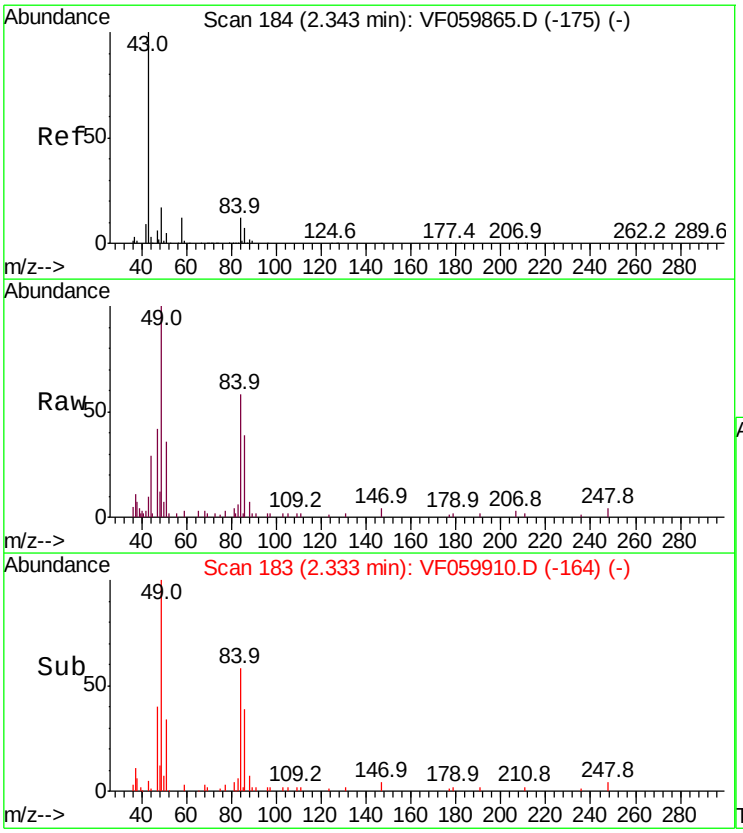
#13
Acrolein
Concen: 3.473 ug/l
RT: 2.00 min Scan# 149
Delta R.T. -0.09 min
Lab File: VF059910.D
Acq: 7 Aug 2018 9:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 286

Ion	Ratio	Lower	Upper
56	100		
55	92.3	64.6	96.8

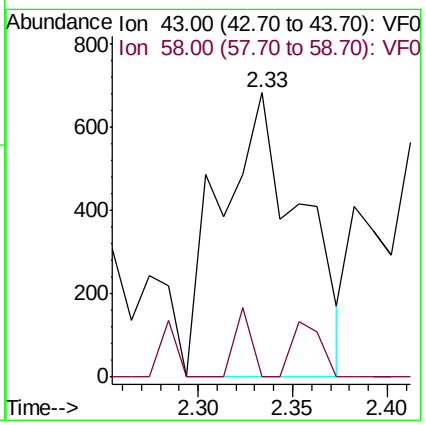


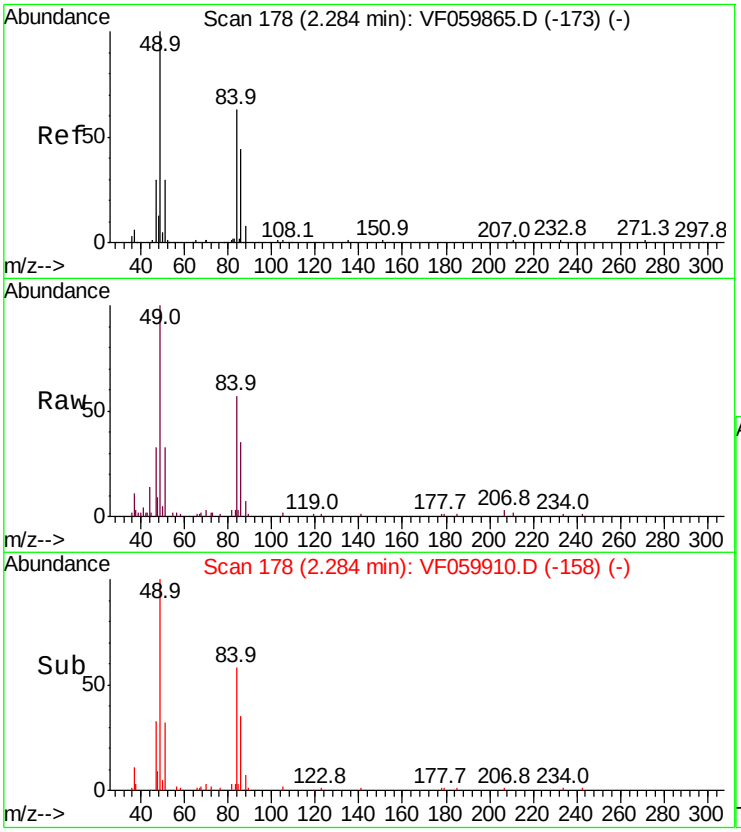


#16
Acetone
Concen: 3.196 ug/l
RT: 2.33 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF059910.D
Acq: 7 Aug 2018 9:20

Tgt Ion: 43 Resp: 2010

Ion	Ratio	Lower	Upper
43	100		
58	0.0	9.4	14.0#



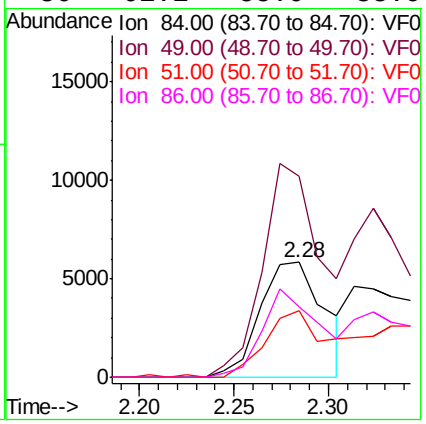


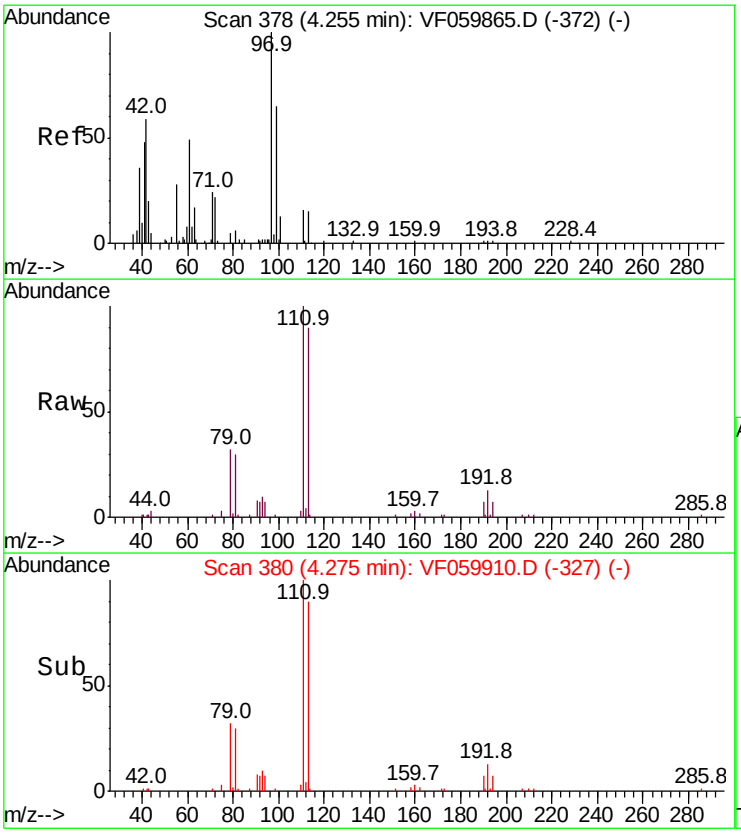
#20
Methylene Chloride
Concen: 3.200 ug/l
RT: 2.28 min Scan# 178
Delta R.T. 0.00 min
Lab File: VF059910.D
Acq: 7 Aug 2018 9:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 13833

Ion	Ratio	Lower	Upper
84	100		
49	175.5	128.7	193.1
51	58.0	39.3	58.9
86	61.1	55.9	83.9

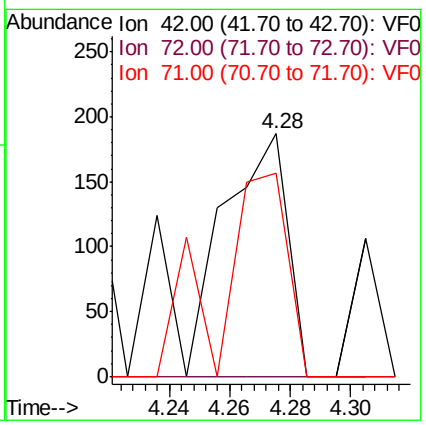


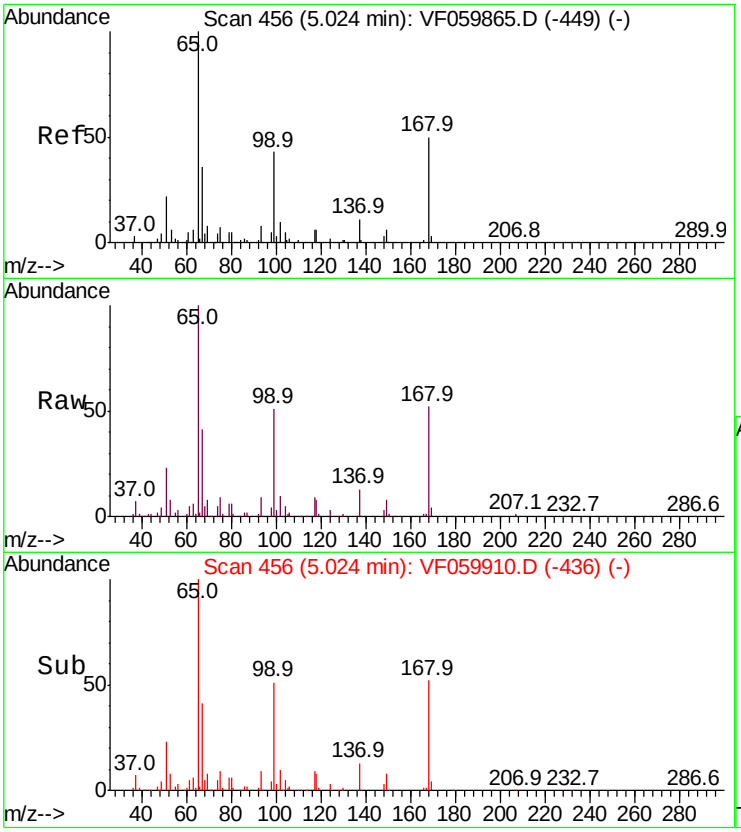


#29
Tetrahydrofuran
Concen: 1.088 ug/l
RT: 4.28 min Scan# 380
Delta R.T. 0.02 min
Lab File: VF059910.D
Acq: 7 Aug 2018 9:20

Tgt Ion: 42 Resp: 274

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.3	43.9#
71	89.4	30.0	45.0#



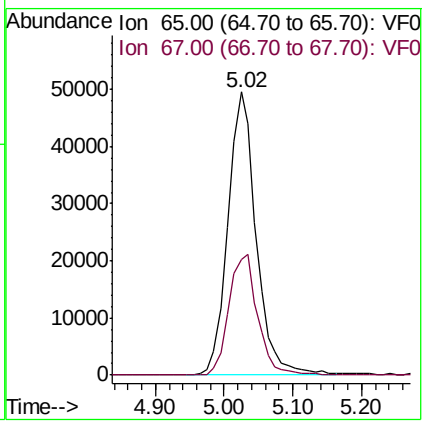


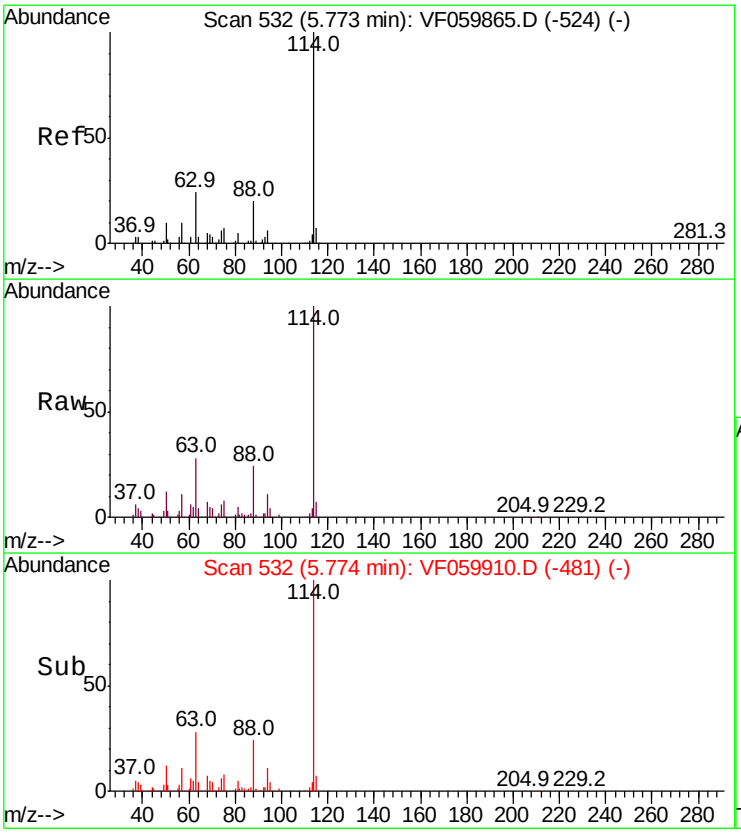
#33
1,2-Dichloroethane-d4
Concen: 41.356 ug/l
RT: 5.02 min Scan# 456
Delta R.T. 0.00 min
Lab File: VF059910.D
Acq: 7 Aug 2018 9:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 140887

Ion	Ratio	Lower	Upper
65	100		
67	41.0	0.0	77.2

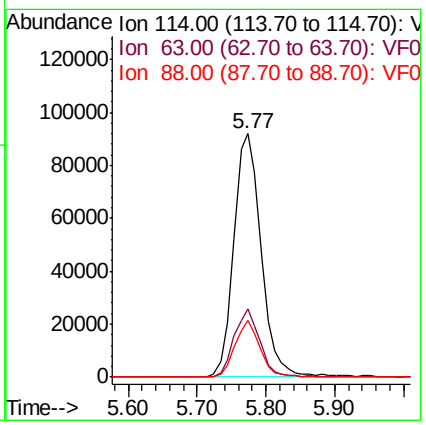


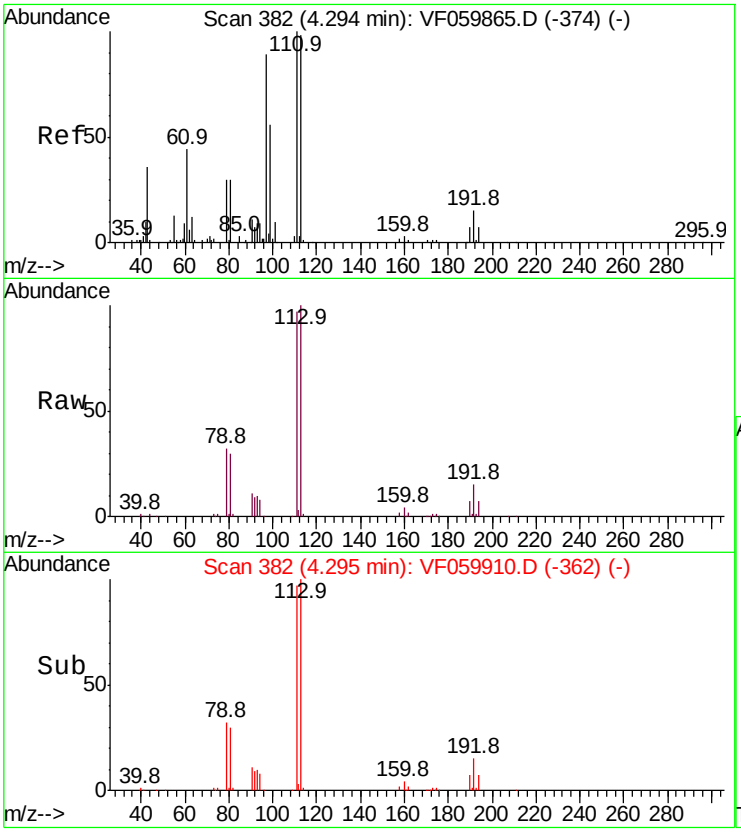


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 532
Delta R.T. 0.00 min
Lab File: VF059910.D
Acq: 7 Aug 2018 9:20

Tgt Ion:114 Resp: 252261

Ion	Ratio	Lower	Upper
114	100		
63	27.8	0.0	48.0
88	23.5	0.0	39.4



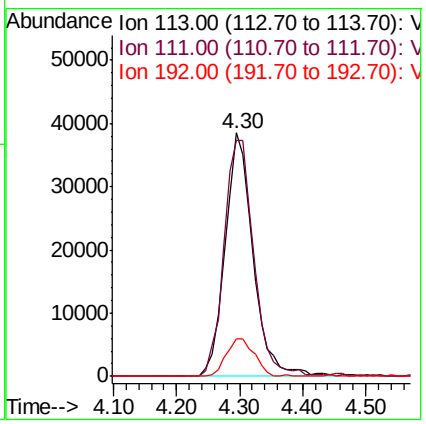


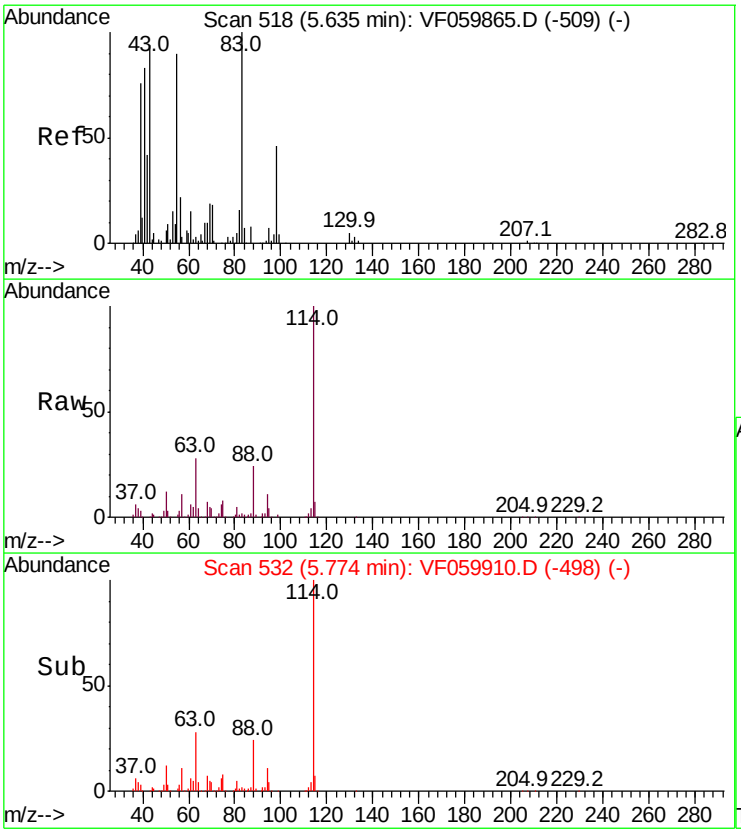
#35
Dibromofluoromethane
Concen: 46.829 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.00 min
Lab File: VF059910.D
Acq: 7 Aug 2018 9:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 117536

Ion	Ratio	Lower	Upper
113	100		
111	99.7	81.8	122.8
192	15.5	12.4	18.6

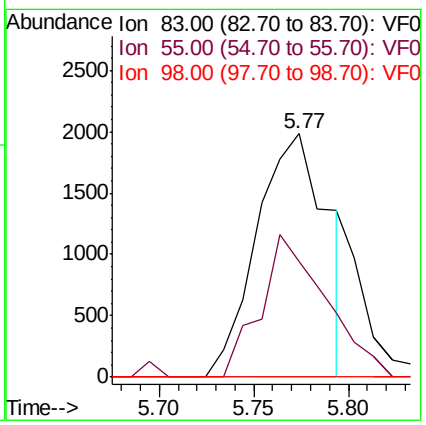


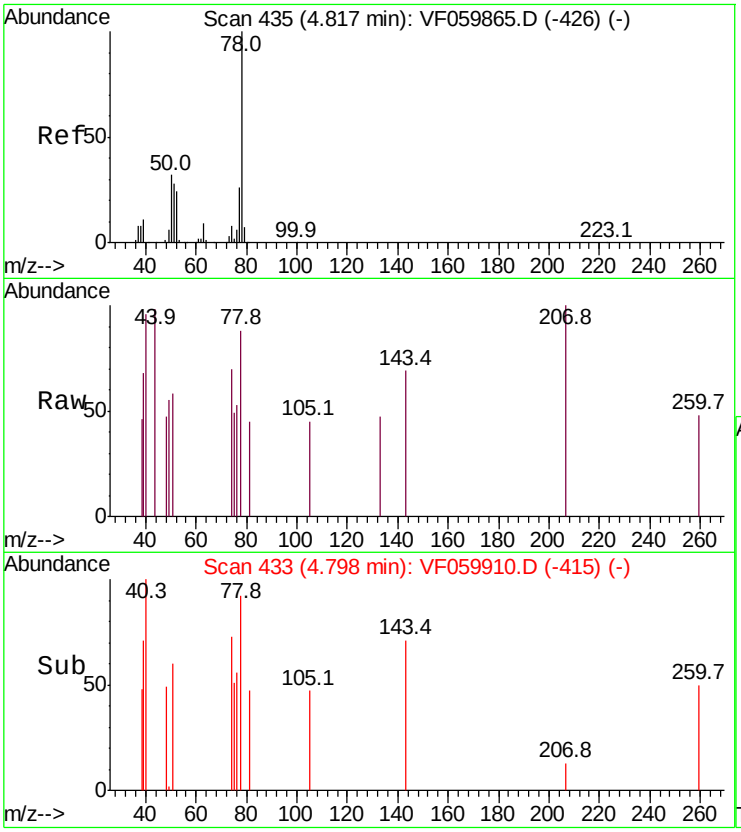


#39
Methylcyclohexane
Concen: 2.368 ug/l
RT: 5.77 min Scan# 532
Delta R.T. 0.14 min
Lab File: VF059910.D
Acq: 7 Aug 2018 9:20

Tgt Ion: 83 Resp: 5182

Ion	Ratio	Lower	Upper
83	100		
55	47.6	72.0	108.0#
98	0.0	36.6	54.8#



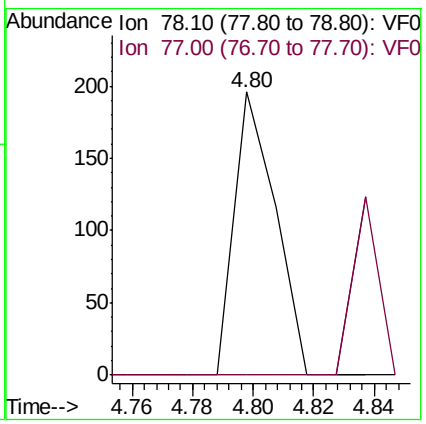


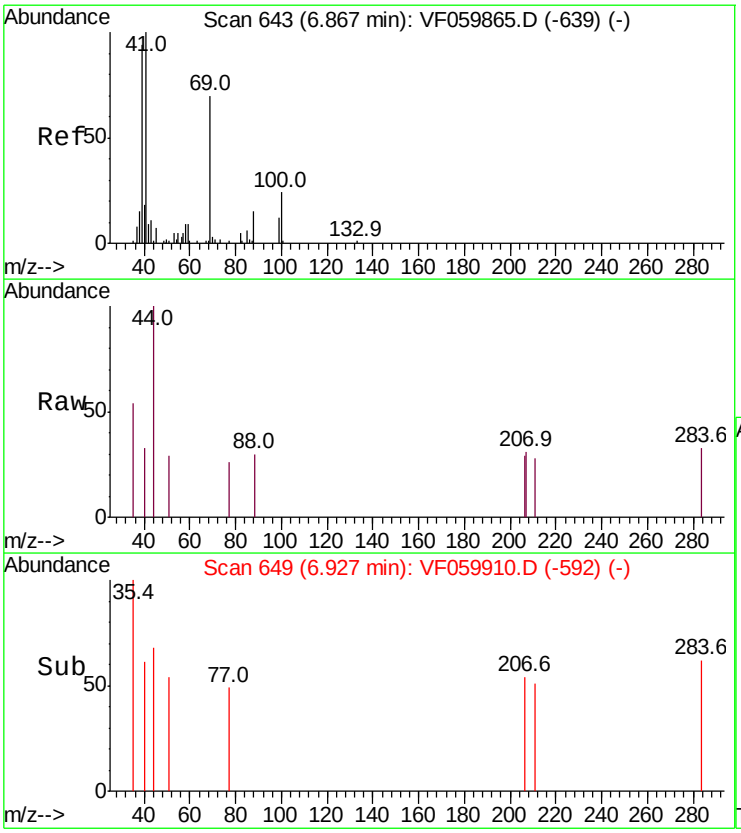
#40
Benzene
Concen: Below Cal
RT: 4.80 min Scan# 433
Delta R.T. -0.02 min
Lab File: VF059910.D
Acq: 7 Aug 2018 9:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 78 Resp: 185

Ion	Ratio	Lower	Upper
78	100		
77	0.0	20.7	31.1#

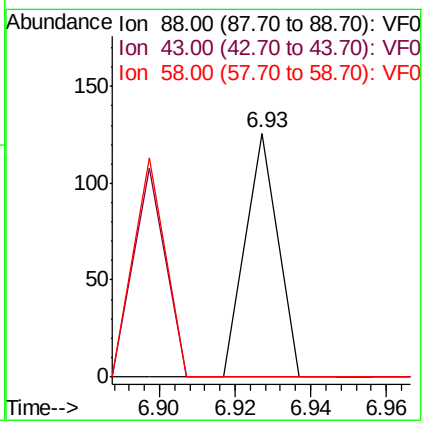


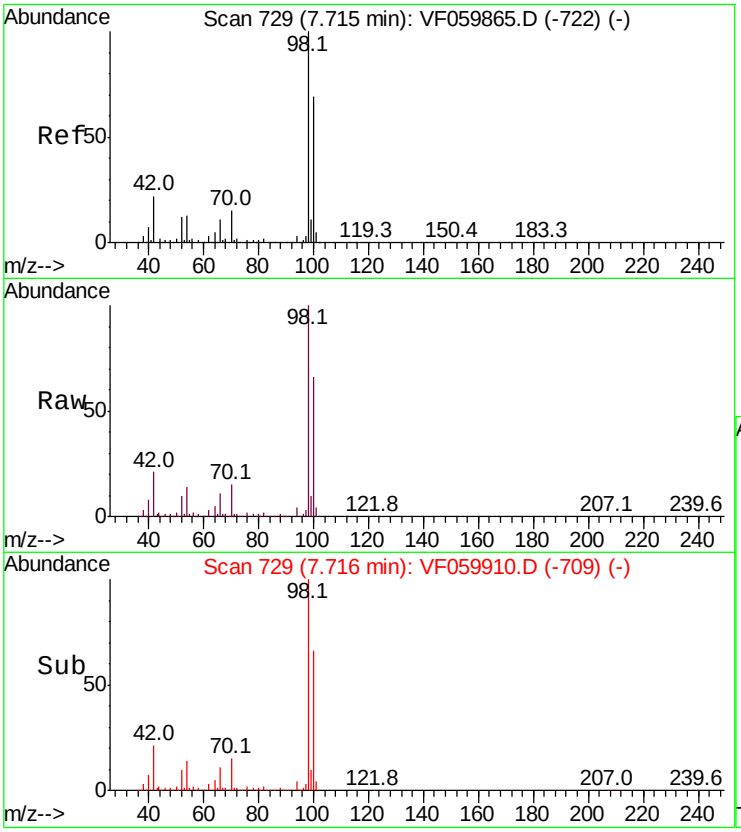


#49
1,4-Dioxane
Concen: 89.995 ug/l
RT: 6.93 min Scan# 649
Delta R.T. 0.06 min
Lab File: VF059910.D
Acq: 7 Aug 2018 9:20

Tgt Ion: 88 Resp: 75

Ion	Ratio	Lower	Upper
88	100		
43	0.0	58.3	87.5#
58	0.0	49.4	74.2#



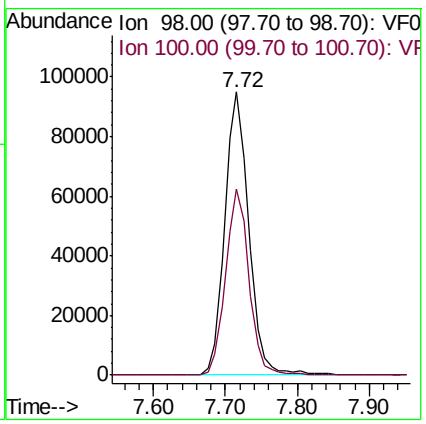


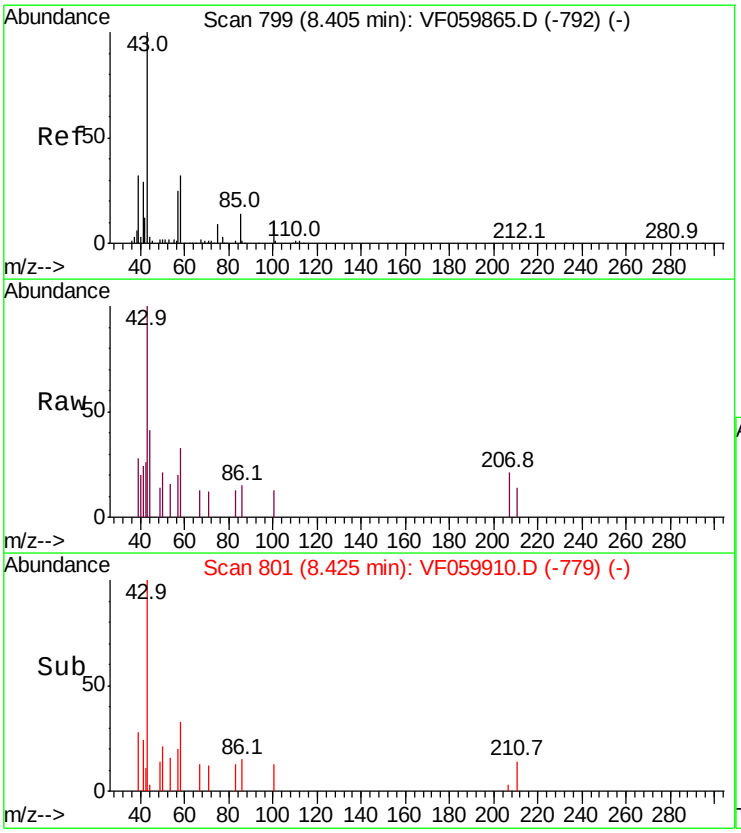
#50
Toluene-d8
Concen: 41.089 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF059910.D
Acq: 7 Aug 2018 9:20

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 219427

Ion	Ratio	Lower	Upper
98	100		
100	65.8	55.0	82.6

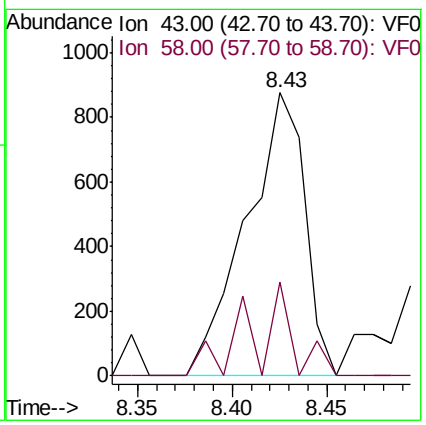


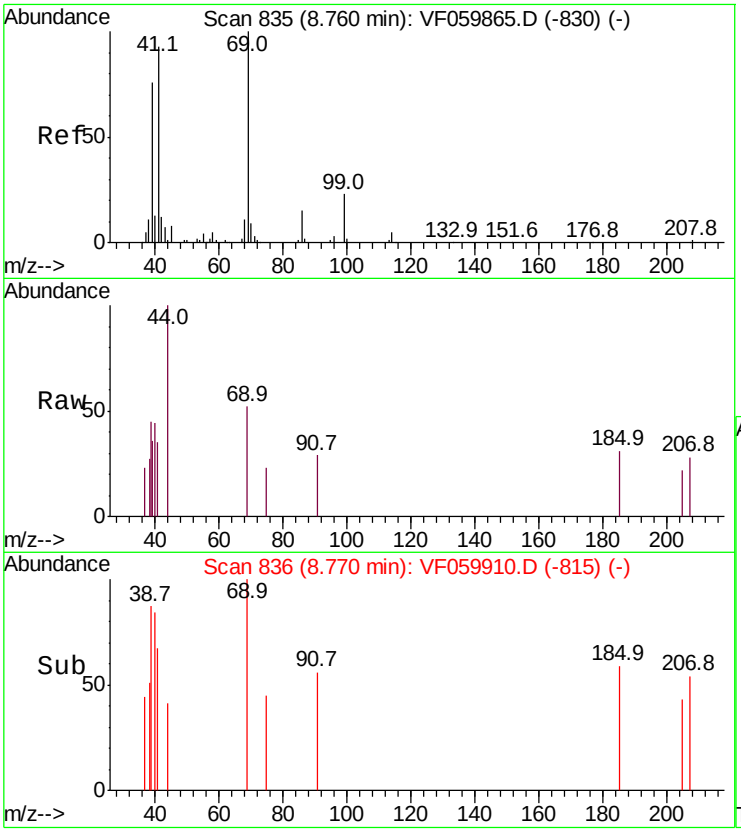


#51
4-Methyl-2-Pentanone
Concen: 1.427 ug/l
RT: 8.43 min Scan# 801
Delta R.T. 0.02 min
Lab File: VF059910.D
Acq: 7 Aug 2018 9:20

Tgt Ion: 43 Resp: 1882

Ion	Ratio	Lower	Upper
43	100		
58	33.1	25.4	38.0



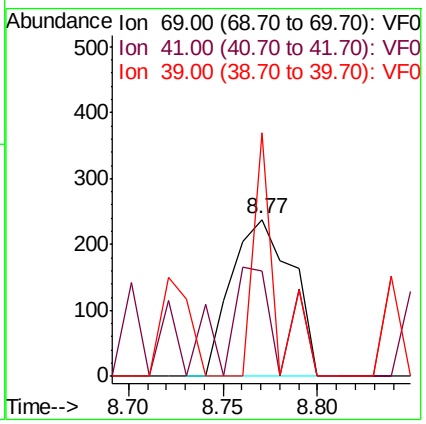


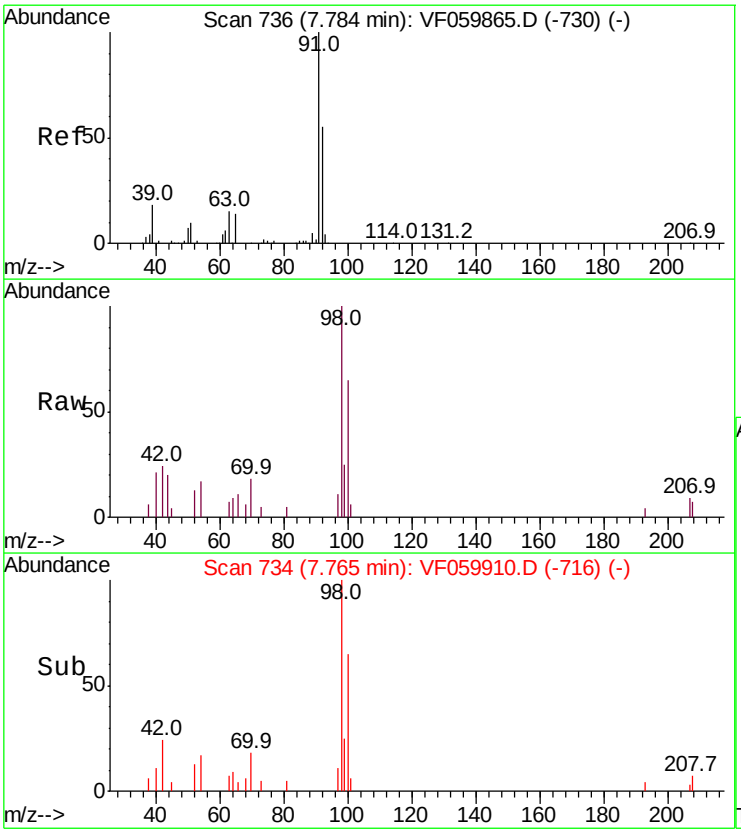
#56
Ethyl methacrylate
Concen: 3.697 ug/l
RT: 8.77 min Scan# 836
Delta R.T. 0.01 min
Lab File: VF059910.D
Acq: 7 Aug 2018 9:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 69 Resp: 531

Ion	Ratio	Lower	Upper
69	100		
41	66.8	74.7	112.1#
39	155.0	61.1	91.7#

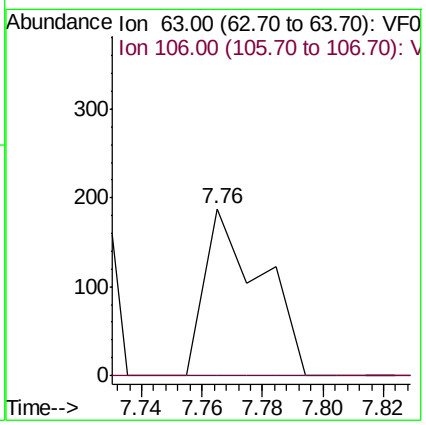


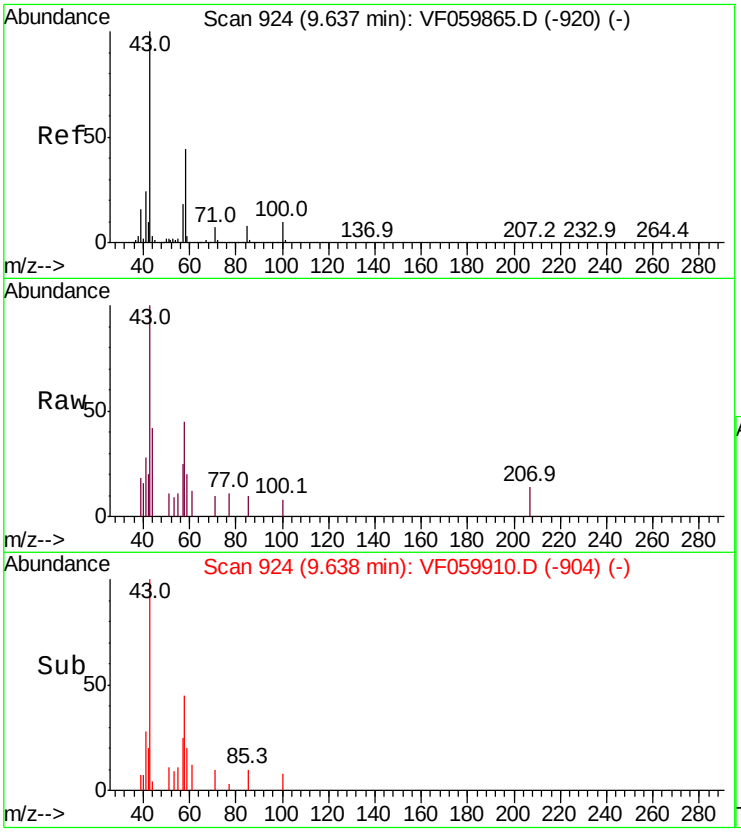


#58
2-Chloroethyl Vinyl ether
Concen: 1.402 ug/l
RT: 7.76 min Scan# 734
Delta R.T. -0.02 min
Lab File: VF059910.D
Acq: 7 Aug 2018 9:20

Tgt Ion: 63 Resp: 246

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



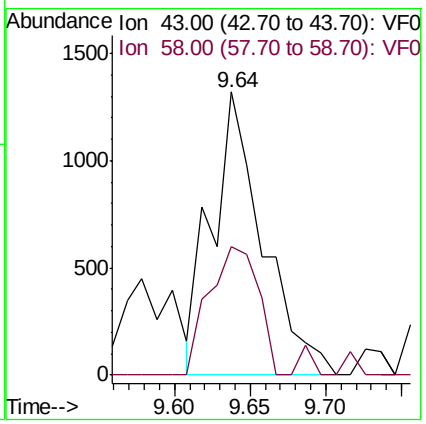


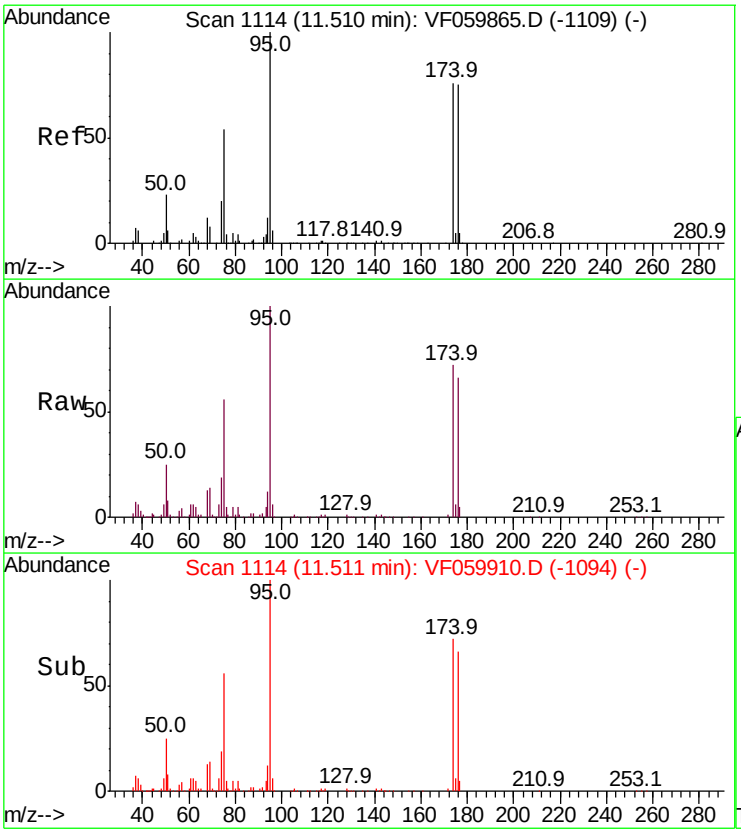
#59
2-Hexanone
Concen: 3.329 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.00 min
Lab File: VF059910.D
Acq: 7 Aug 2018 9:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3102

Ion	Ratio	Lower	Upper
43	100		
58	45.3	20.8	62.2

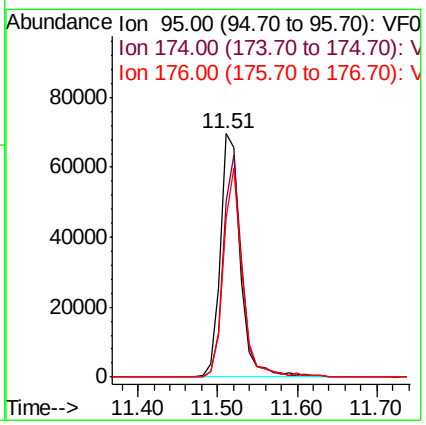


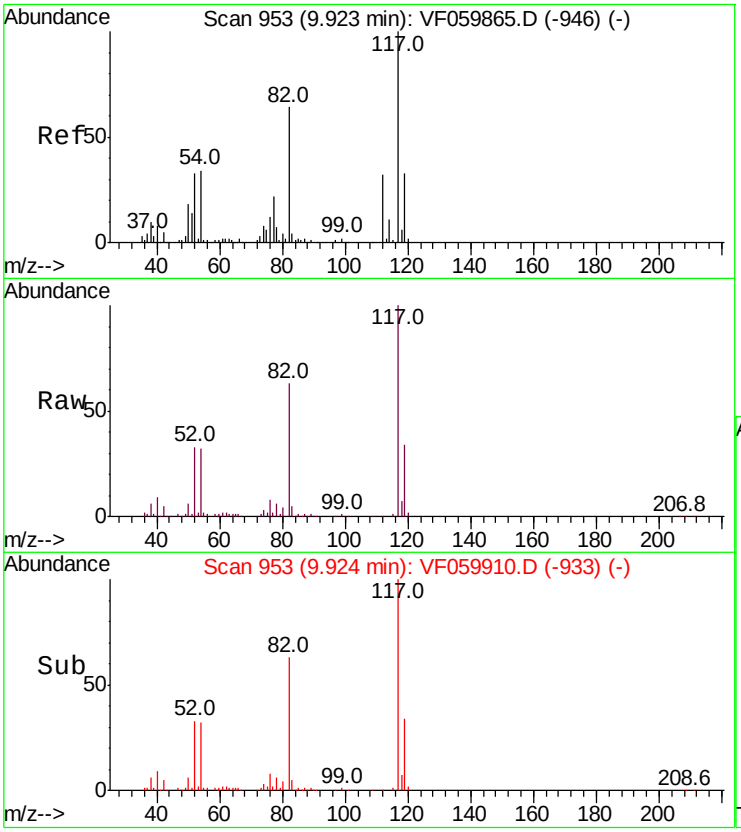


#62
4-Bromofluorobenzene
Concen: 41.570 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059910.D
Acq: 7 Aug 2018 9:20

Tgt Ion: 95 Resp: 124745

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	151.6
176	65.6	0.0	149.8



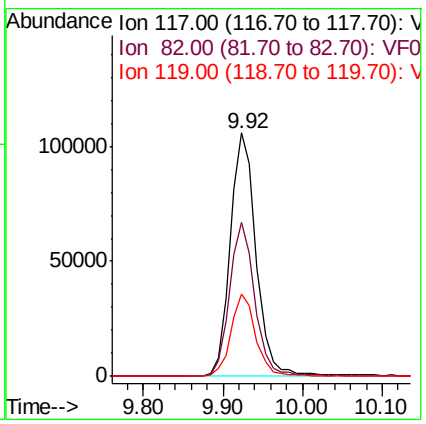


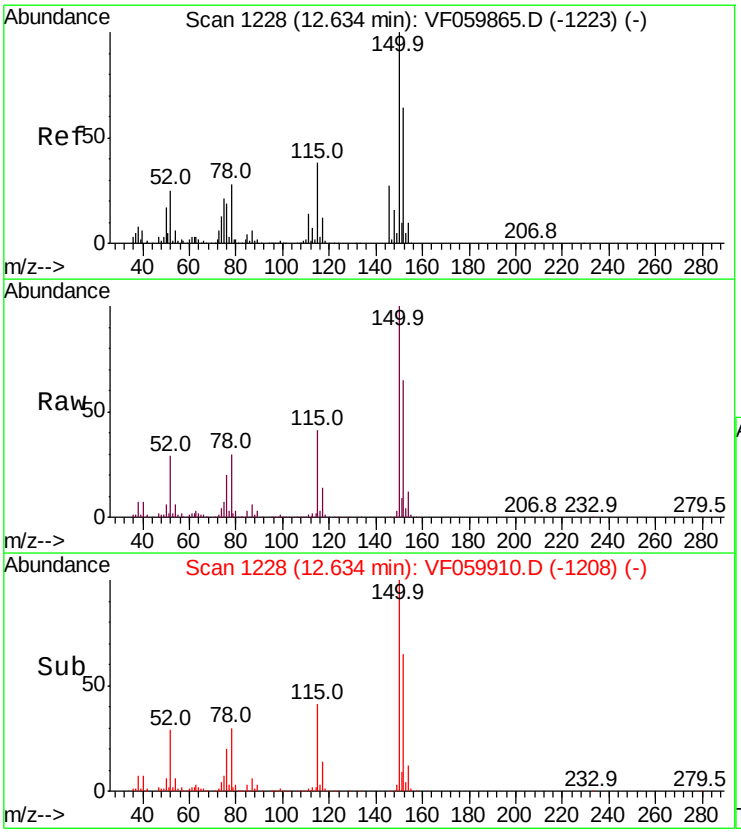
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059910.D
Acq: 7 Aug 2018 9:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 240692

Ion	Ratio	Lower	Upper
117	100		
82	63.5	51.3	76.9
119	33.9	26.4	39.6

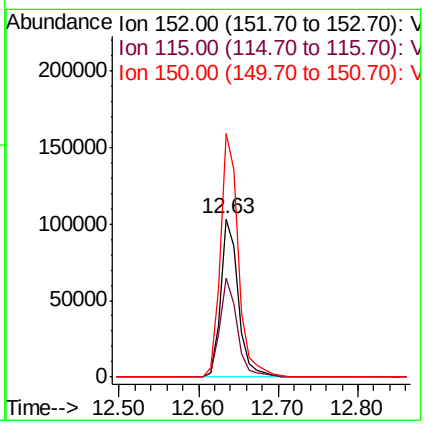


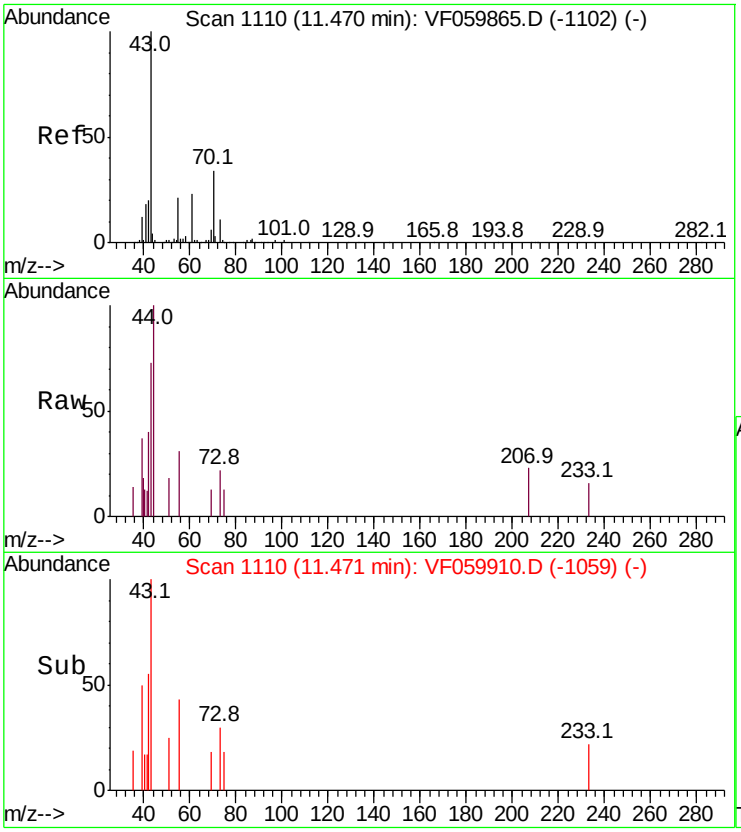


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059910.D
Acq: 7 Aug 2018 9:20

Tgt Ion:152 Resp: 161438

Ion	Ratio	Lower	Upper
152	100		
115	62.9	29.8	89.4
150	154.1	0.0	315.6





#74
N-amyl acetate
Concen: 3.400 ug/l
RT: 11.47 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VF059910.D
Acq: 7 Aug 2018 9:20

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1166

Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.5	41.3#
55	42.9	16.6	25.0#
61	0.0	18.2	27.4#