Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081018\
Data File : VF059938.D
Acq On : 10 Aug 2018 12:04
Operator : VA/AP
Sample : VF0810SBL01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0810SBL01

Quant Time: Aug 10 23:02:50 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	5.06	168	121416	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	168001	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	168759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	113778	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	106707	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.50%			
35) Dibromofluoromethane	4.30	113	88379	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.74%			
50) Toluene-d8	7.72	98	183218	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.04%			
62) 4-Bromofluorobenzene	11.51	95	107602	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.68%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.68	59	282	3.194	ug/l #	37
13) Acrolein	2.08	56	88	1.663	ug/l	95
15) Acrylonitrile	3.09	53	263	1.626	ug/l #	13
16) Acetone	2.35	43	2568	6.355	ug/l	98
20) Methylene Chloride	2.29	84	2512	Below Cal		85
25) 2-Butanone	4.52	43	1015	2.310	ug/l #	60
29) Tetrahydrofuran	4.29	42	359	2.219	ug/l #	76
39) Methylcyclohexane	5.79	83	2934	2.013	ug/l #	45
40) Benzene	4.70	78	66	Below Cal #		49
51) 4-Methyl-2-Pentanone	8.41	43	3107	3.537	ug/l #	78
56) Ethyl methacrylate	8.77	69	298	3.644	ug/l #	22
59) 2-Hexanone	9.65	43	7254	11.690	ug/l	98
74) N-amyl acetate	11.47	43	2774	4.447	ug/l #	87

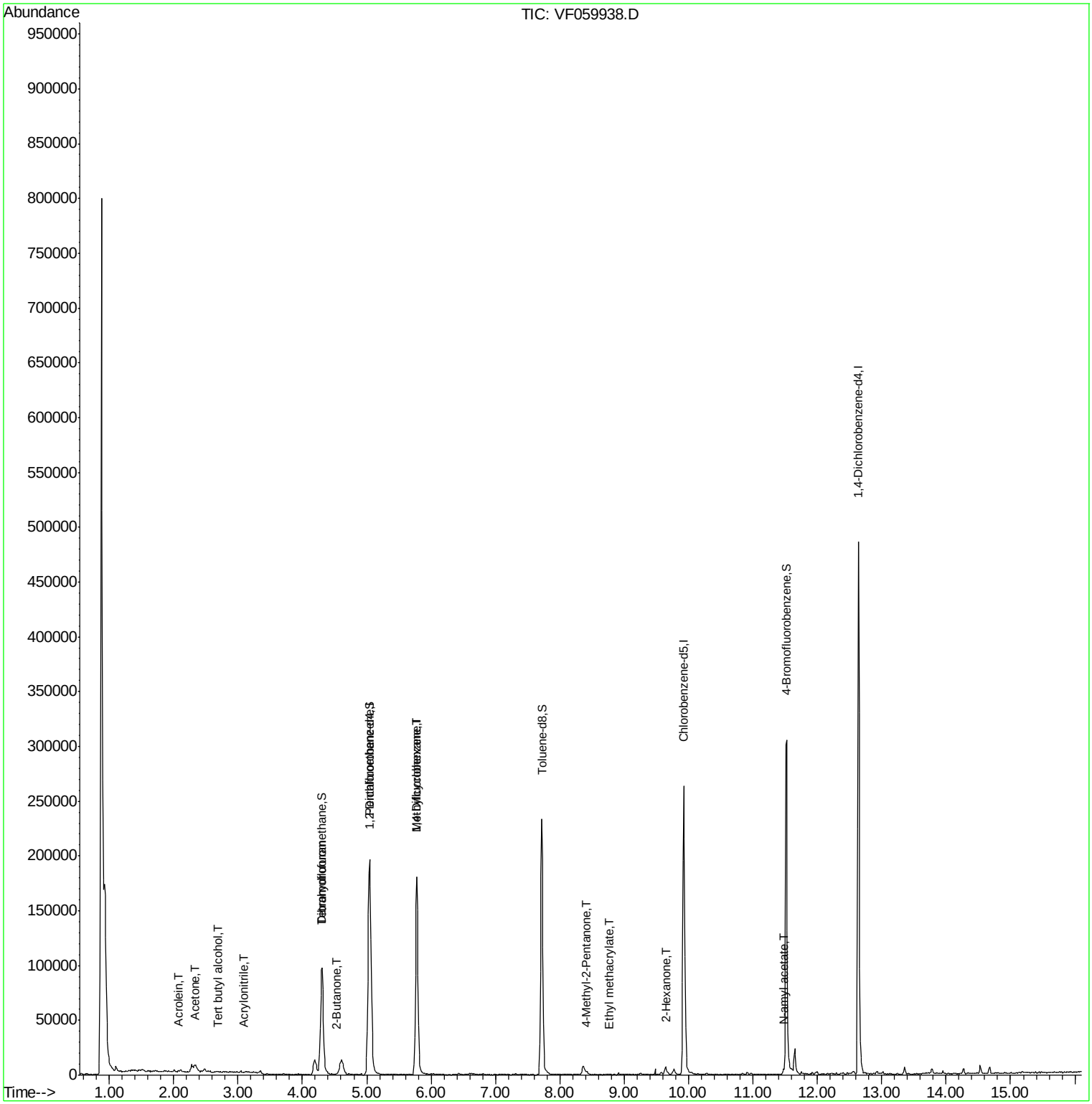
(#) = qualifier out of range (m) = manual integration (+) = signals summed

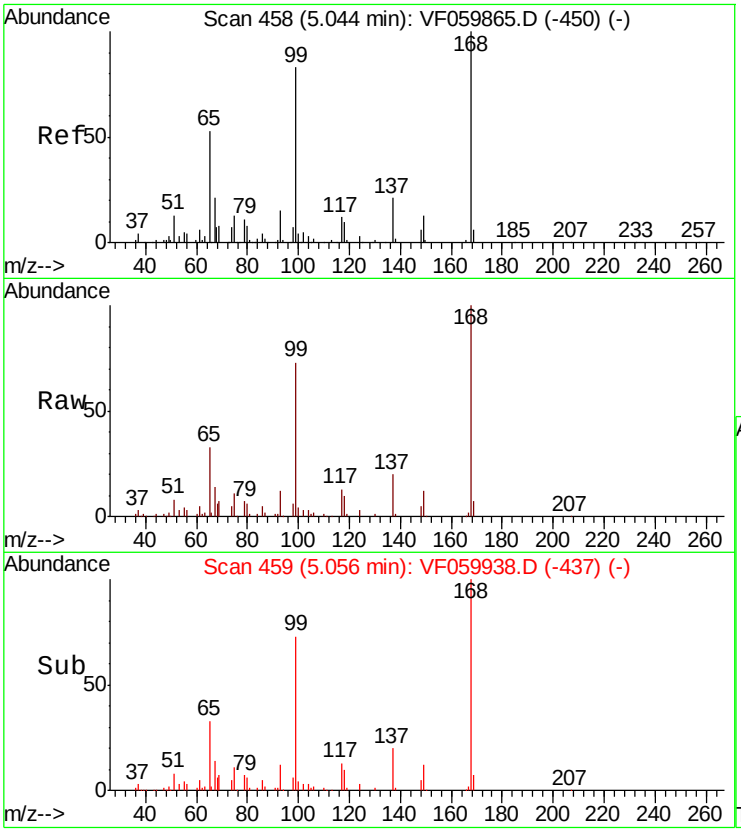
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF081018\
Data File : VF059938.D
Acq On : 10 Aug 2018 12:04
Operator : VA/AP
Sample : VF0810SBL01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBL01

Quant Time: Aug 10 23:02:50 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



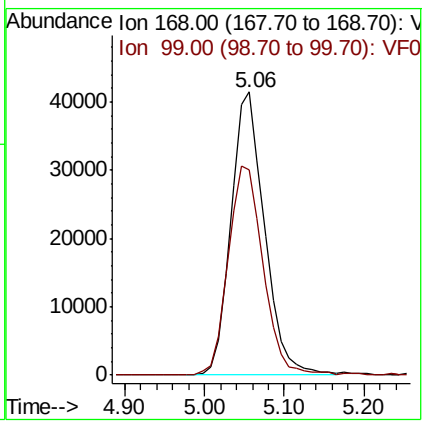


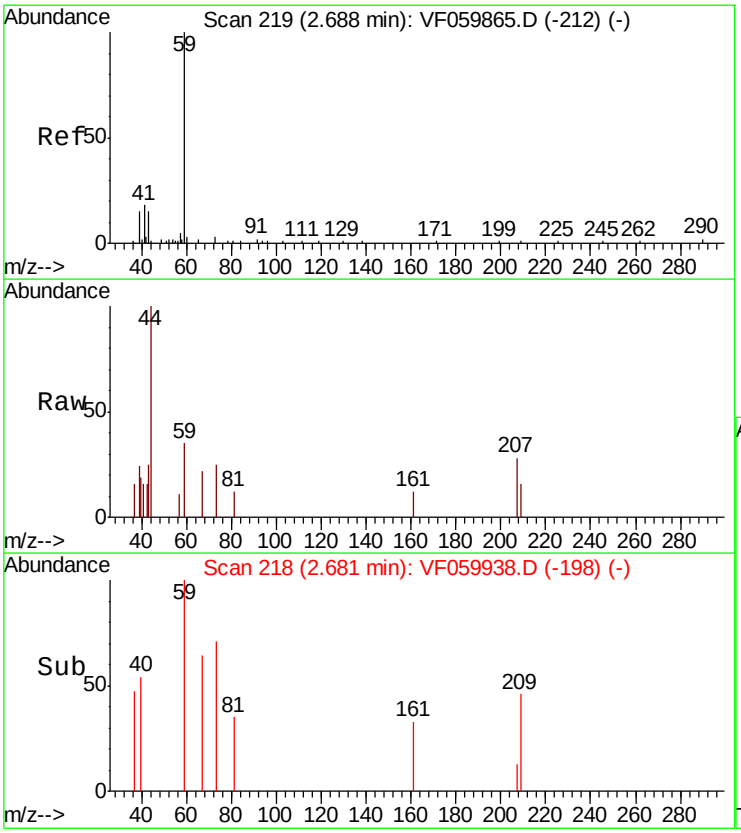
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.01 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBL01

Tgt Ion:168 Resp: 121416

Ion	Ratio	Lower	Upper
168	100		
99	72.7	66.3	99.5

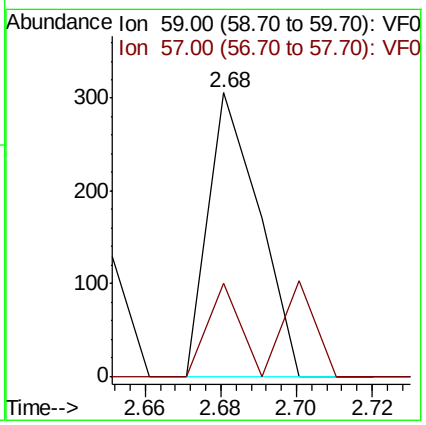


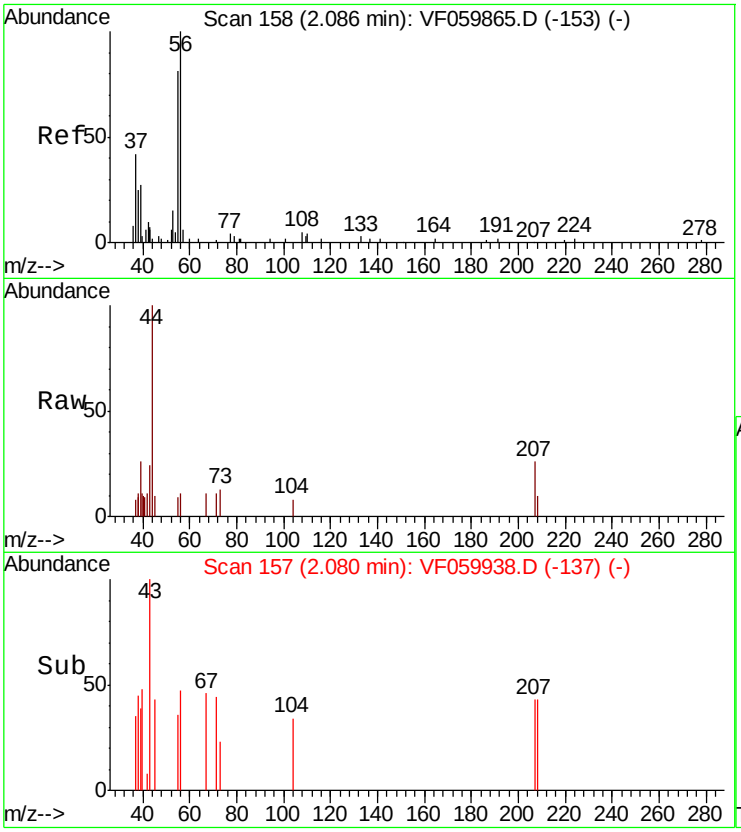


#11
Tert butyl alcohol
Concen: 3.194 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.01 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Tgt Ion: 59 Resp: 282

Ion	Ratio	Lower	Upper
59	100		
57	32.7	7.6	11.4#



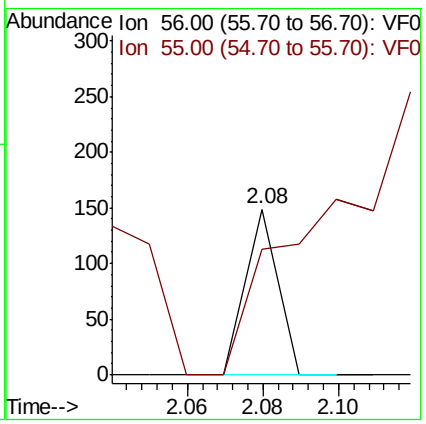


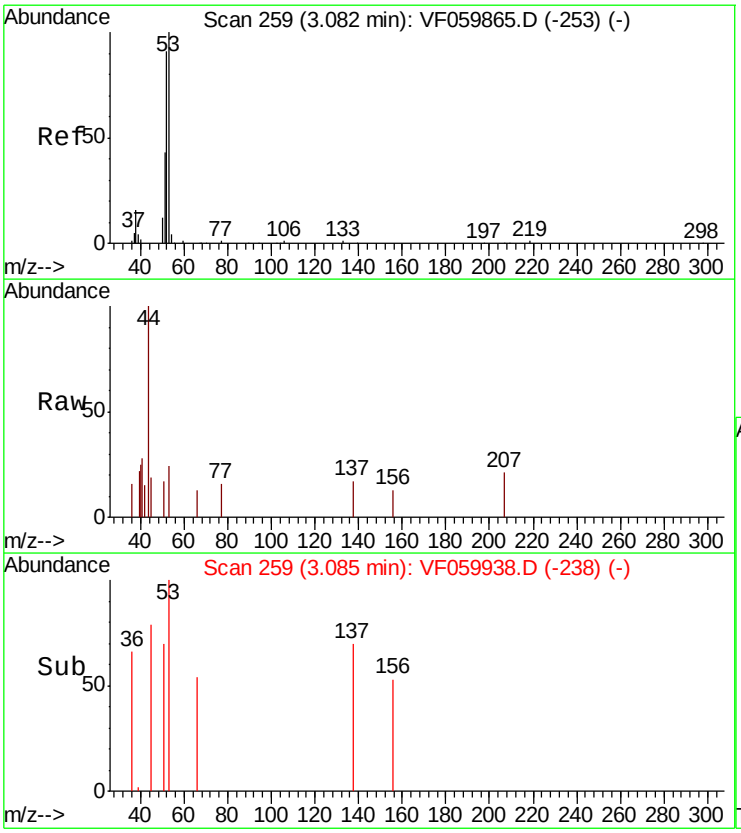
#13
Acrolein
Concen: 1.663 ug/l
RT: 2.08 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBL01

Tgt Ion: 56 Resp: 88

Ion	Ratio	Lower	Upper
56	100		
55	75.8	64.6	96.8

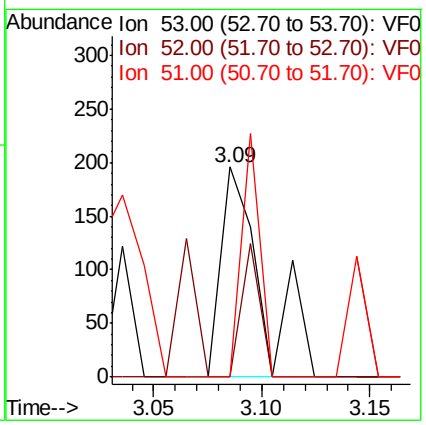


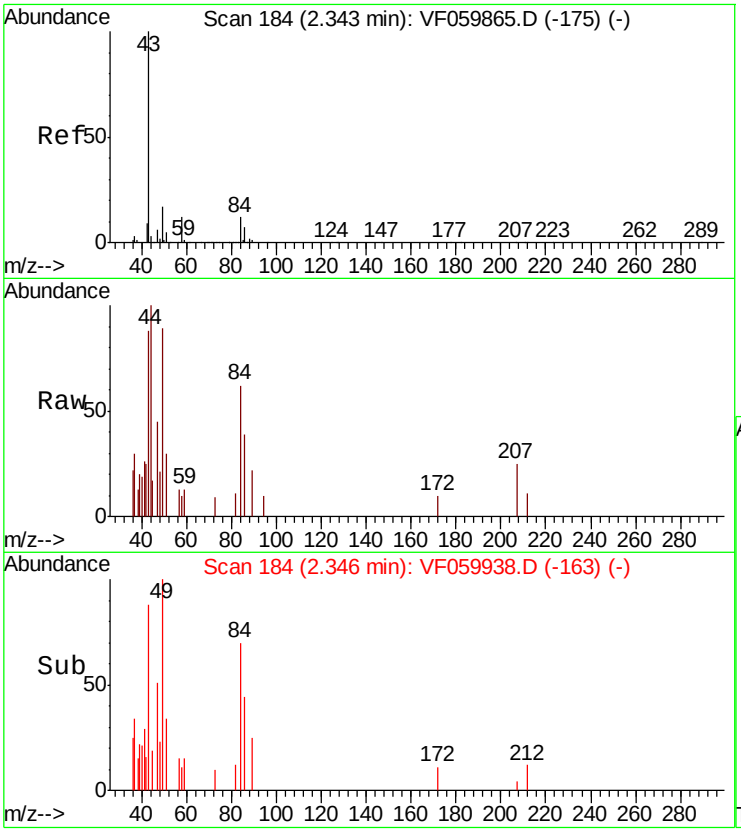


#15
Acrylonitrile
Concen: 1.626 ug/l
RT: 3.09 min Scan# 259
Delta R.T. 0.00 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Tgt Ion: 53 Resp: 263

Ion	Ratio	Lower	Upper
53	100		
52	0.0	72.9	109.3#
51	0.0	34.5	51.7#



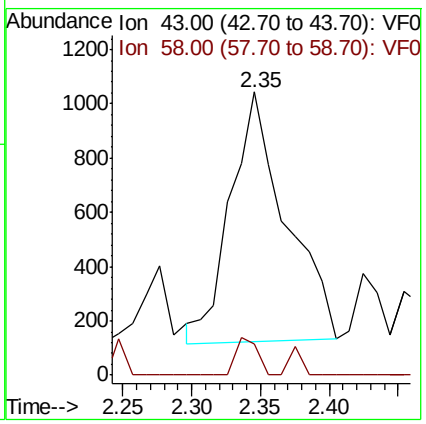


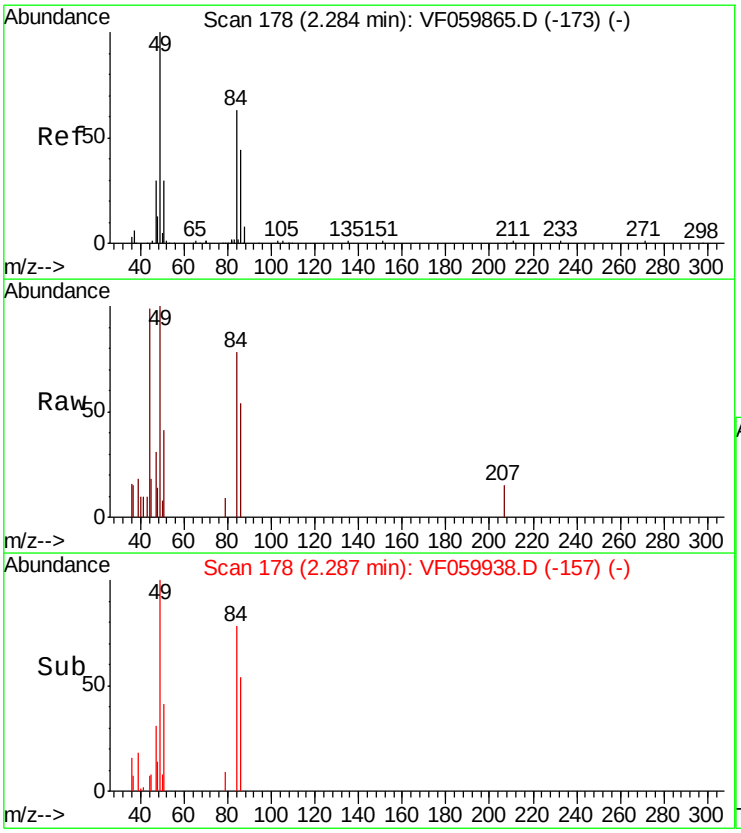
#16
Acetone
Concen: 6.355 ug/l
RT: 2.35 min Scan# 184
Delta R.T. 0.00 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Instrument : MSVOA_F
ClientSampleId : VF0810SBL01

Tgt Ion: 43 Resp: 2568

Ion	Ratio	Lower	Upper
43	100		
58	11.0	9.4	14.0

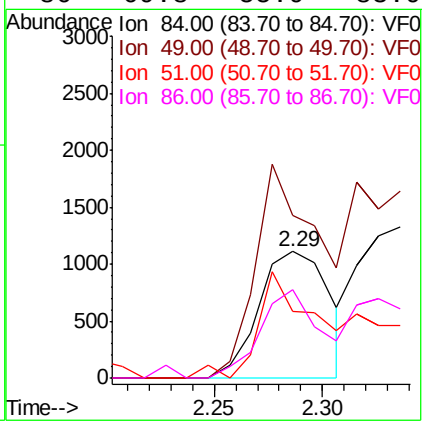


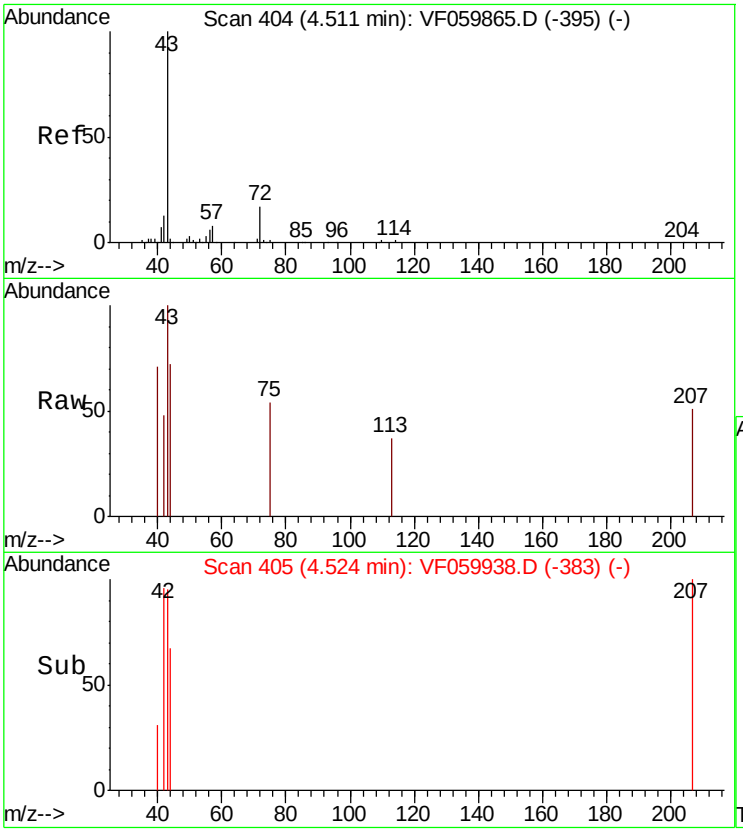


#20
Methylene Chloride
Concen: Below Cal
RT: 2.29 min Scan# 178
Delta R.T. 0.00 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Tgt Ion: 84 Resp: 2512

Ion	Ratio	Lower	Upper
84	100		
49	128.8	128.7	193.1
51	52.2	39.3	58.9
86	69.8	55.9	83.9



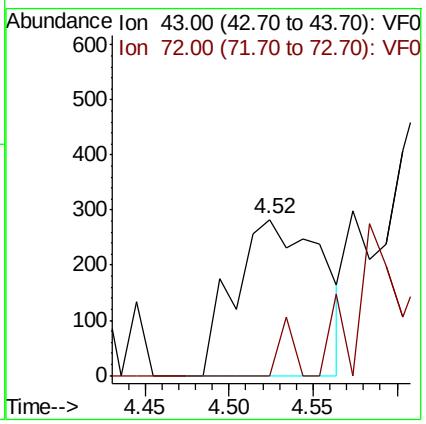


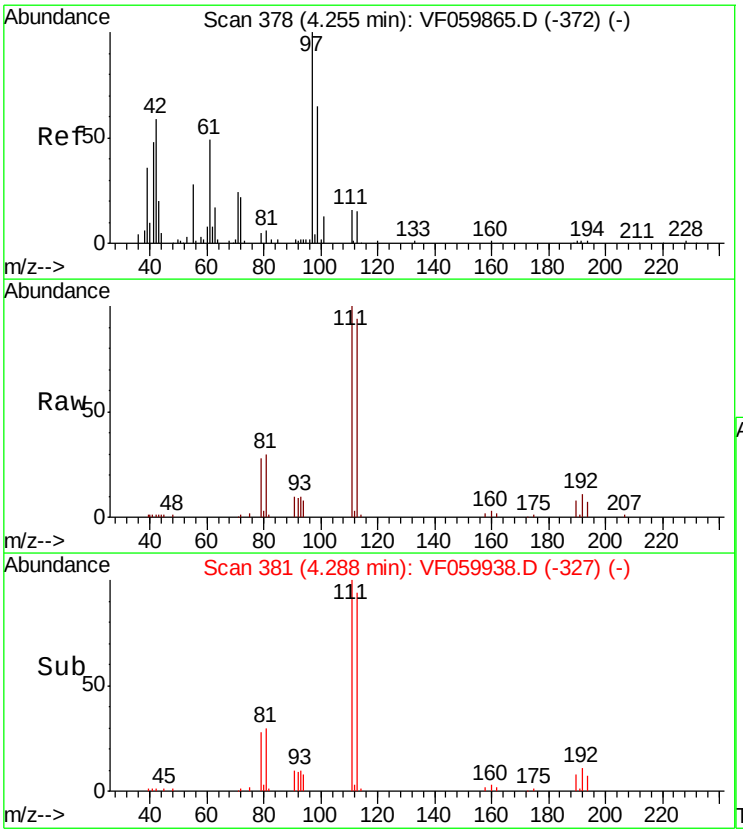
#25
2-Butanone
Concen: 2.310 ug/l
RT: 4.52 min Scan# 405
Delta R.T. 0.01 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Instrument : MSVOA_F
ClientSampleId : VF0810SBL01

Tgt Ion: 43 Resp: 1015

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.9	20.9#

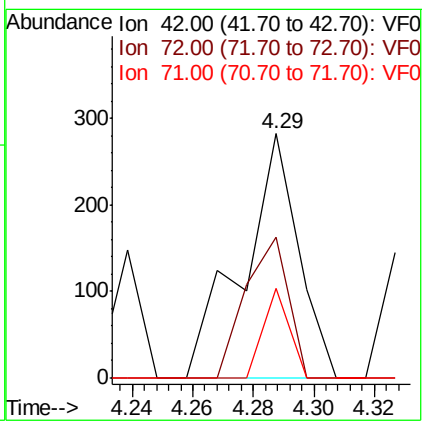


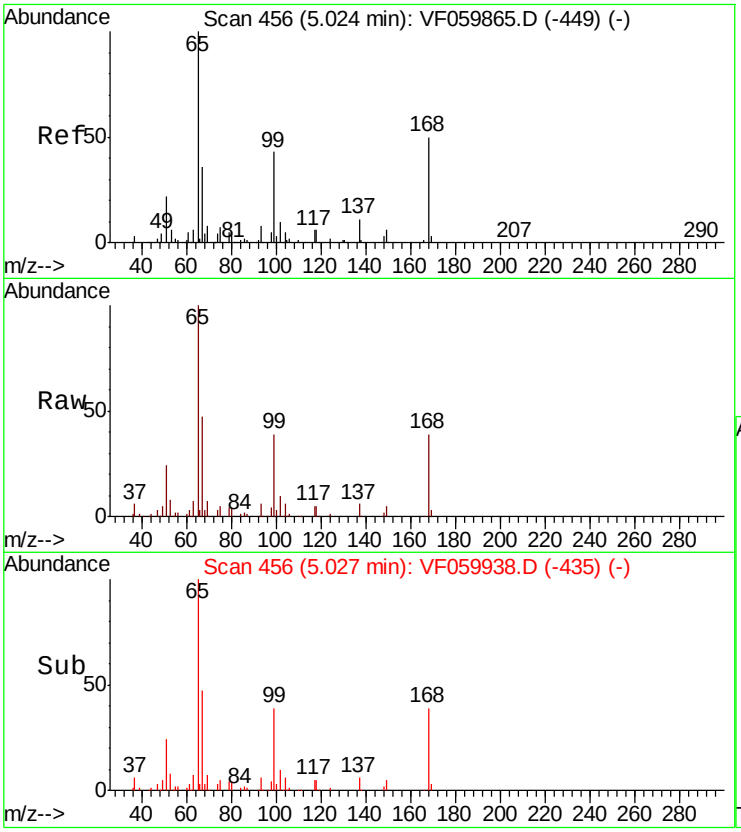


#29
Tetrahydrofuran
Concen: 2.219 ug/l
RT: 4.29 min Scan# 381
Delta R.T. 0.03 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Tgt Ion: 42 Resp: 359

Ion	Ratio	Lower	Upper
42	100		
72	44.6	29.3	43.9#
71	17.0	30.0	45.0#



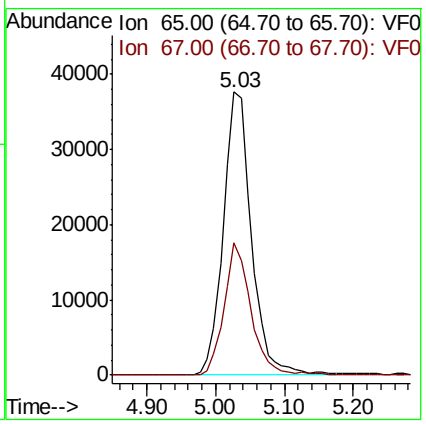


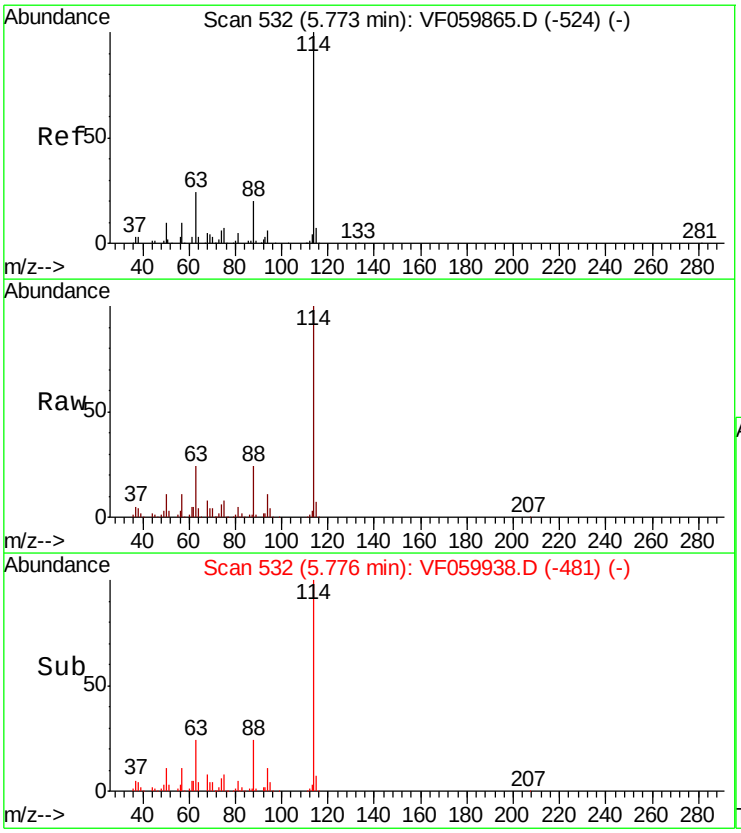
#33
1,2-Dichloroethane-d4
Concen: 48.748 ug/l
RT: 5.03 min Scan# 456
Delta R.T. 0.00 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Instrument : MSVOA_F
ClientSampleId : VF0810SBL01

Tgt Ion: 65 Resp: 106707

Ion	Ratio	Lower	Upper
65	100		
67	46.5	0.0	77.2

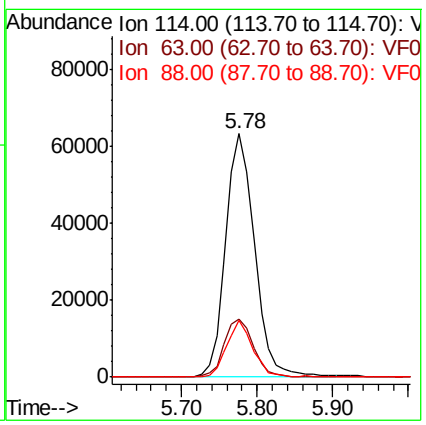


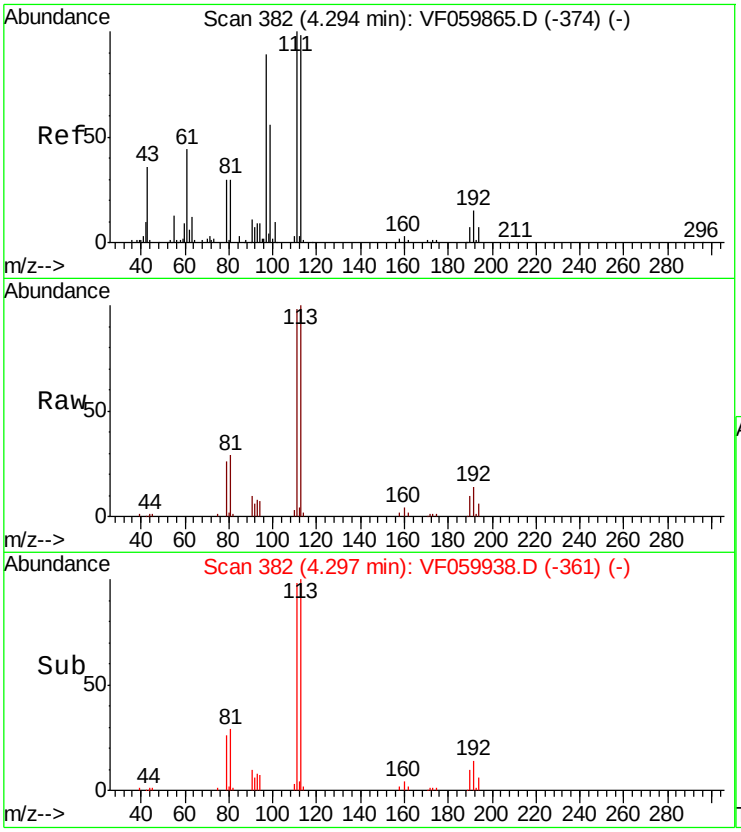


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.00 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Tgt Ion:114 Resp: 168001

Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	48.0
88	23.5	0.0	39.4



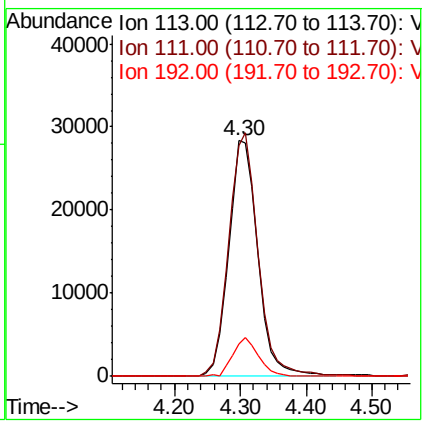


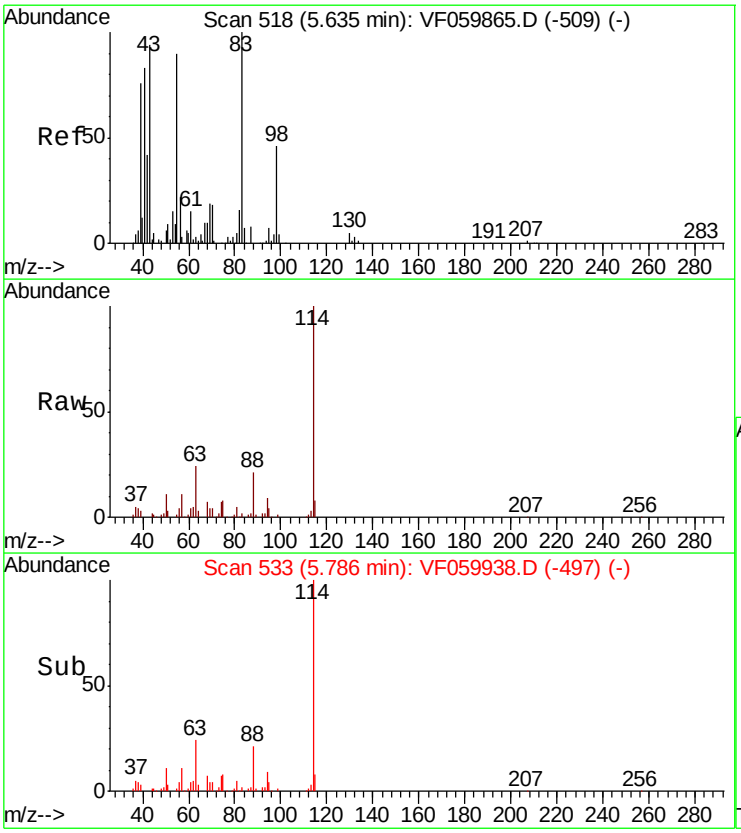
#35
Dibromofluoromethane
Concen: 52.873 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.00 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBL01

Tgt Ion:113 Resp: 88379

Ion	Ratio	Lower	Upper
113	100		
111	98.0	81.8	122.8
192	13.7	12.4	18.6

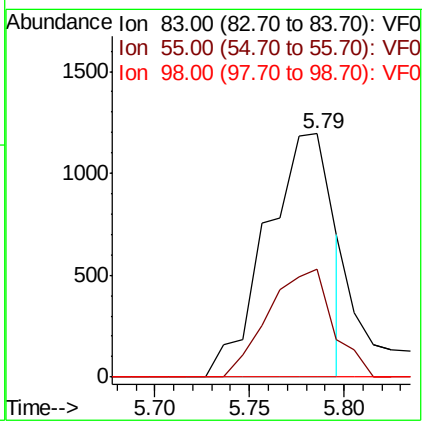


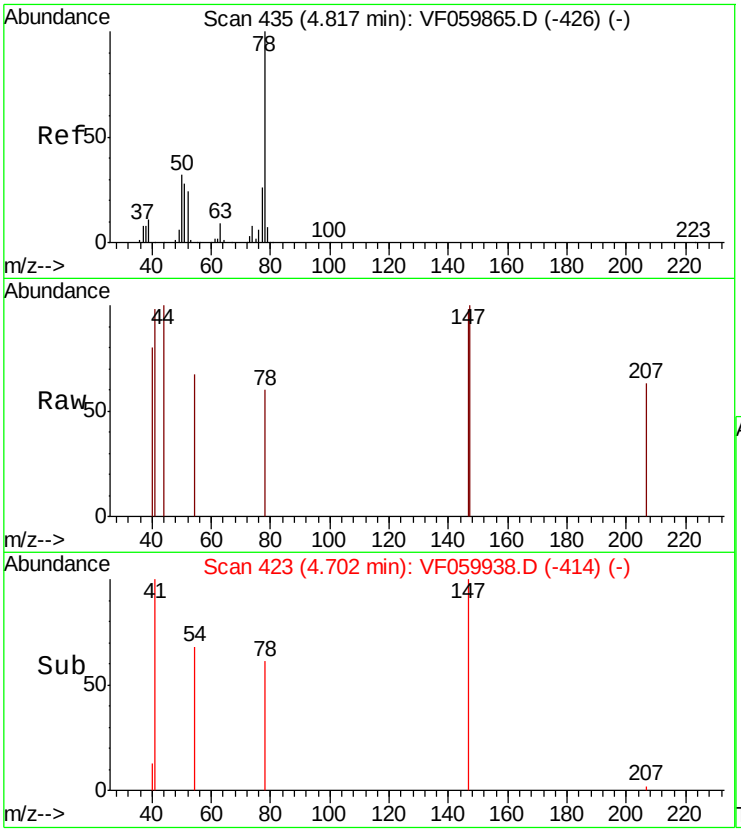


#39
Methylcyclohexane
Concen: 2.013 ug/l
RT: 5.79 min Scan# 533
Delta R.T. 0.15 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Tgt Ion: 83 Resp: 2934

Ion	Ratio	Lower	Upper
83	100		
55	44.4	72.0	108.0#
98	0.0	36.6	54.8#



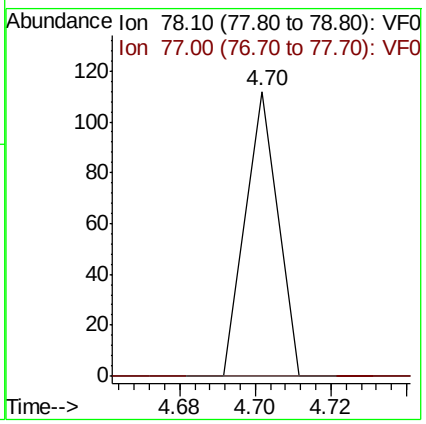


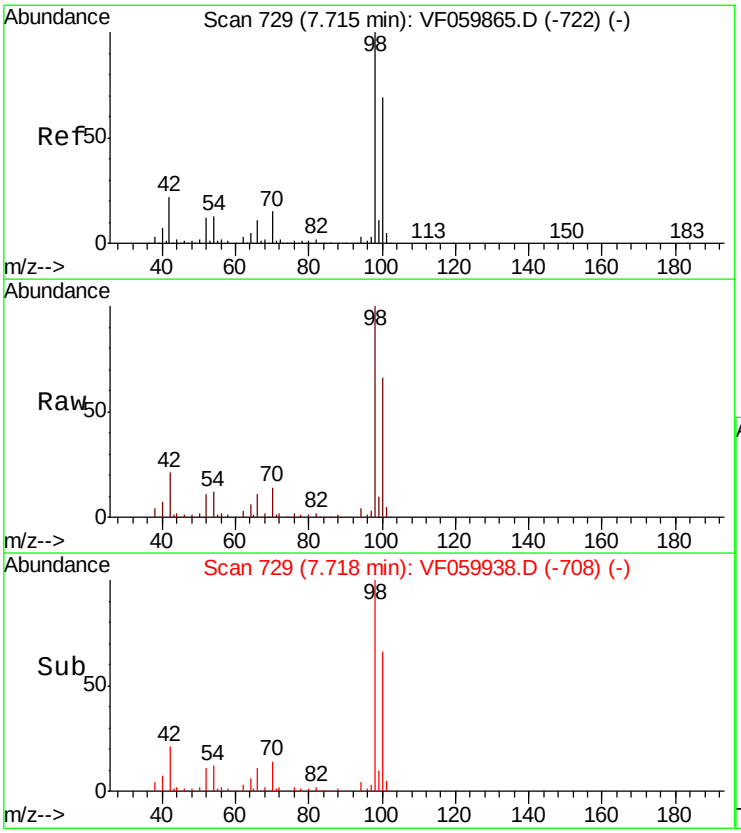
#40
Benzene
Concen: Below Cal
RT: 4.70 min Scan# 423
Delta R.T. -0.11 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBL01

Tgt Ion: 78 Resp: 66

Ion	Ratio	Lower	Upper
78	100		
77	0.0	20.7	31.1#

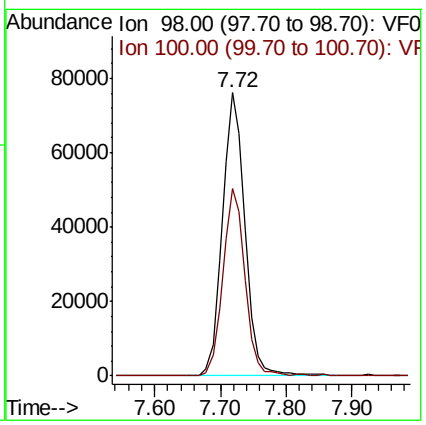


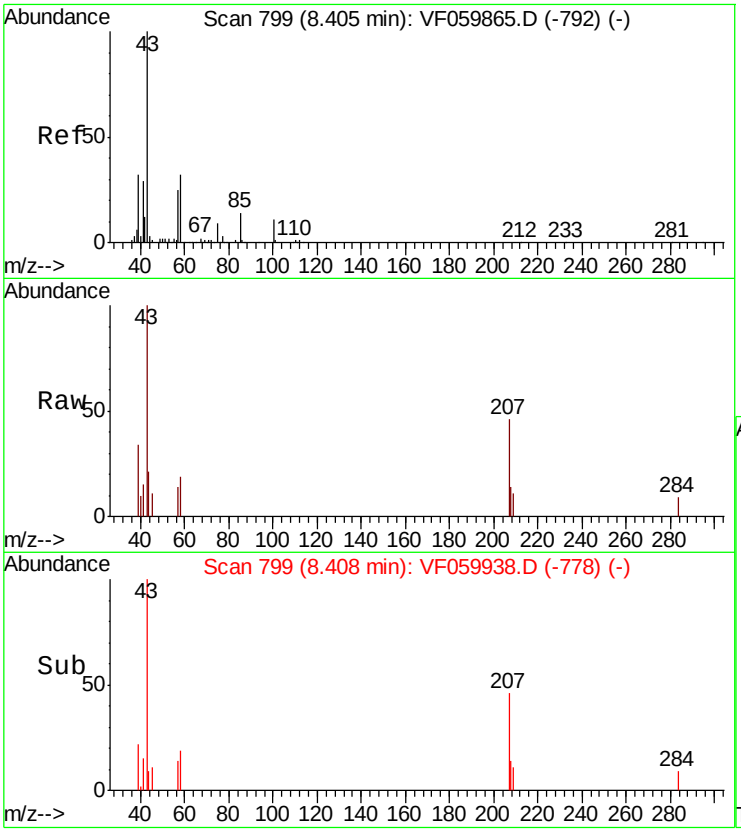


#50
Toluene-d8
Concen: 51.516 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Tgt Ion: 98 Resp: 183218

Ion	Ratio	Lower	Upper
98	100		
100	66.1	55.0	82.6



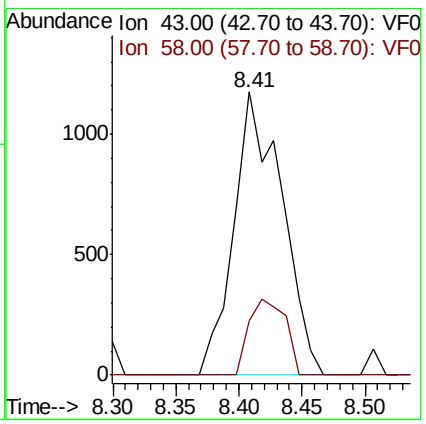


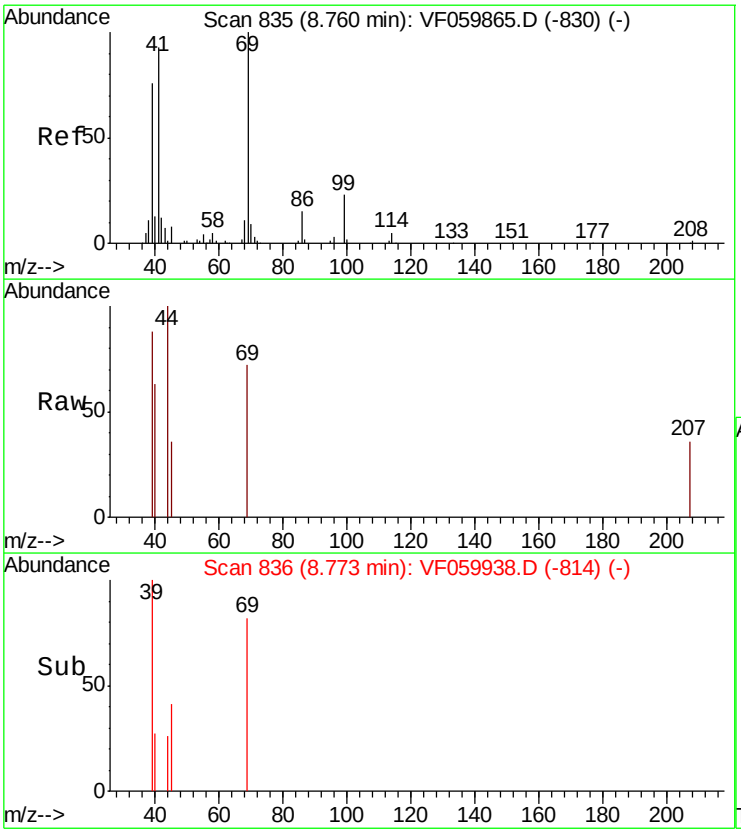
#51
4-Methyl-2-Pentanone
Concen: 3.537 ug/l
RT: 8.41 min Scan# 799
Delta R.T. 0.00 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Instrument : MSVOA_F
ClientSampleId : VF0810SBL01

Tgt Ion: 43 Resp: 3107

Ion	Ratio	Lower	Upper
43	100		
58	19.3	25.4	38.0#

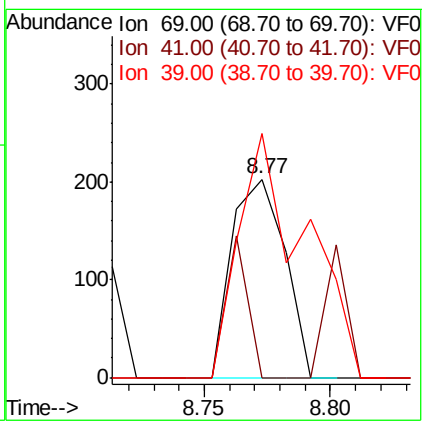


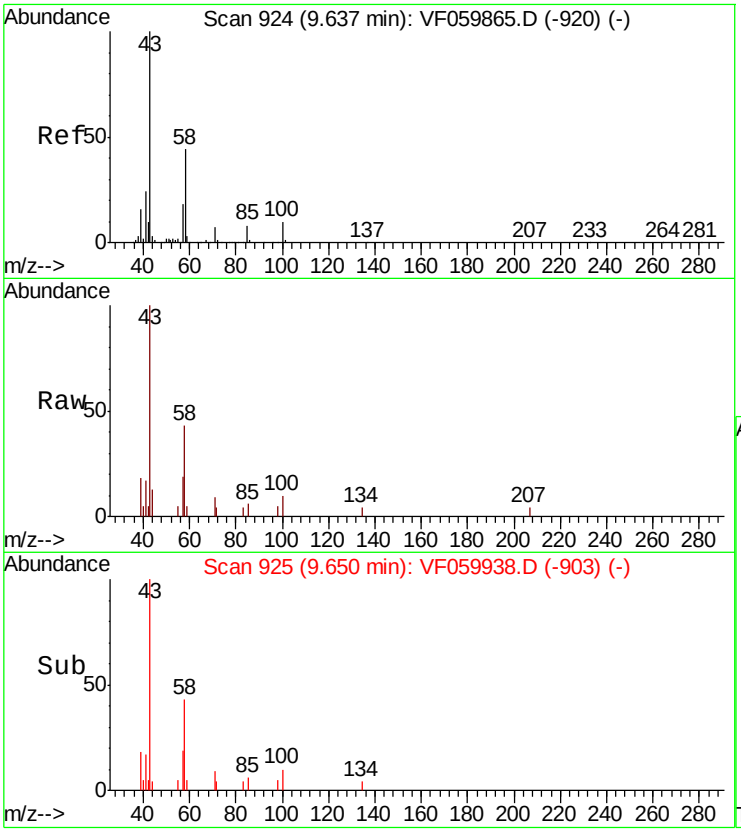


#56
Ethyl methacrylate
Concen: 3.644 ug/l
RT: 8.77 min Scan# 836
Delta R.T. 0.01 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Tgt Ion: 69 Resp: 298

Ion	Ratio	Lower	Upper
69	100		
41	0.0	74.7	112.1#
39	122.7	61.1	91.7#



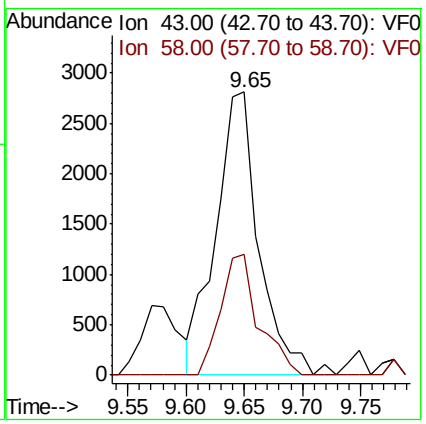


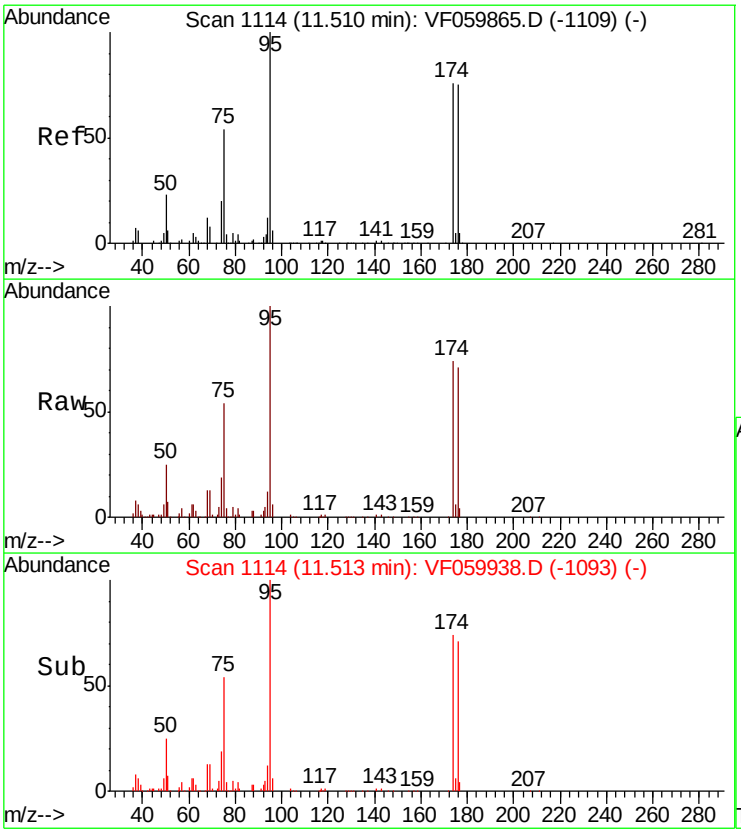
#59
2-Hexanone
Concen: 11.690 ug/l
RT: 9.65 min Scan# 925
Delta R.T. 0.01 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBL01

Tgt Ion: 43 Resp: 7254

Ion	Ratio	Lower	Upper
43	100		
58	42.9	20.8	62.2

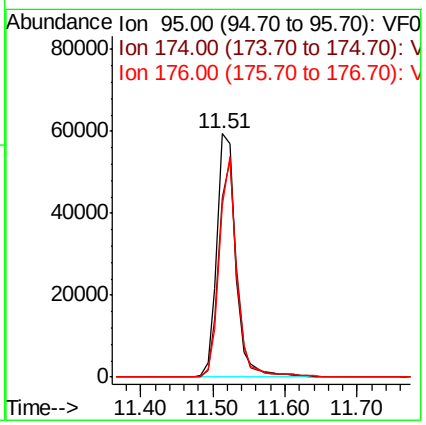


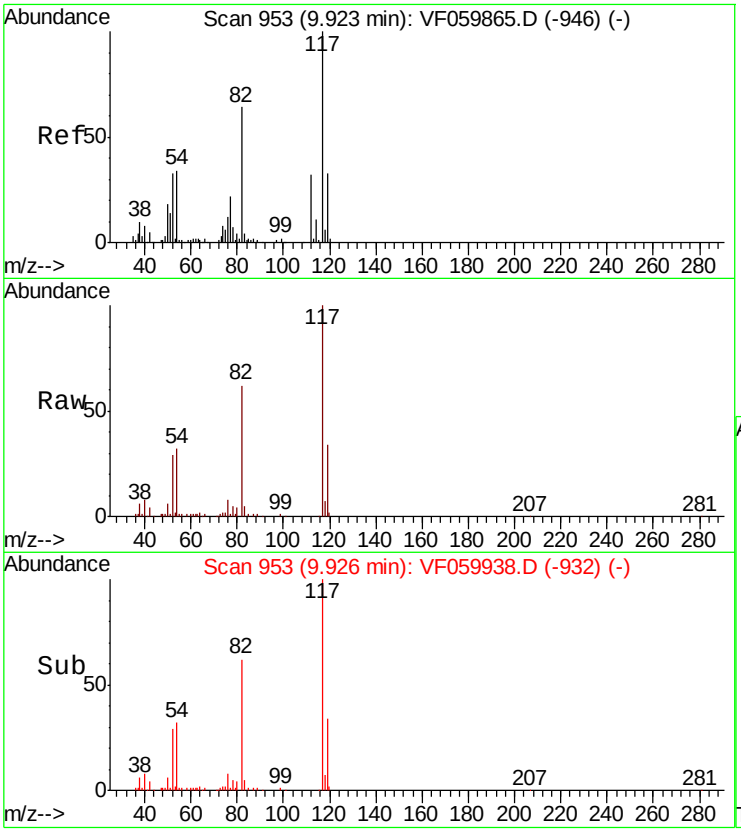


#62
4-Bromofluorobenzene
Concen: 53.841 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Tgt Ion: 95 Resp: 107602

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	151.6
176	70.6	0.0	149.8



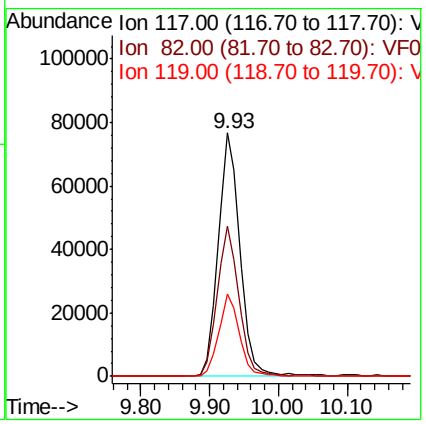


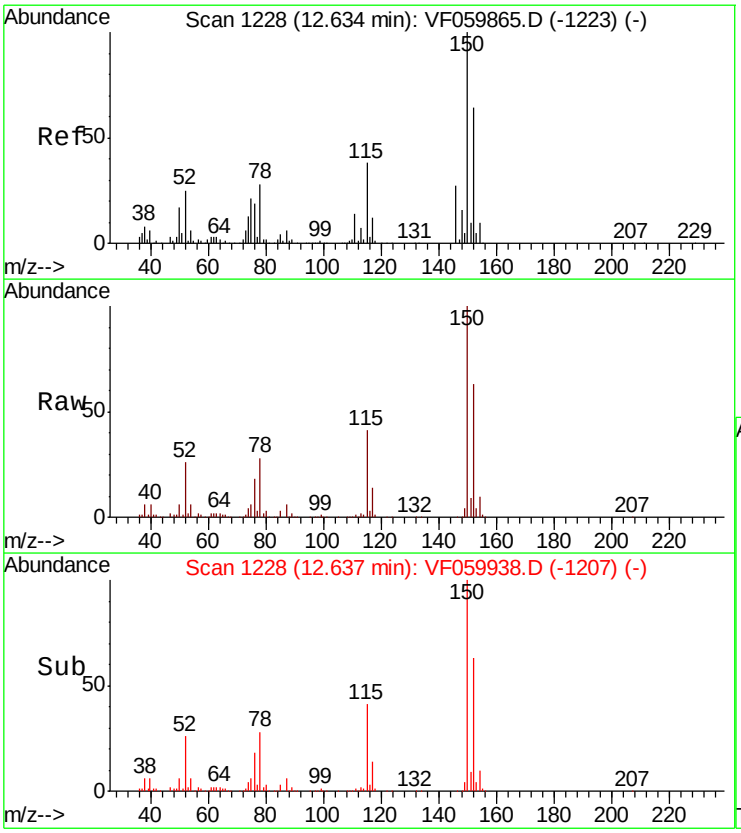
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Instrument : MSVOA_F
ClientSampleId : VF0810SBL01

Tgt Ion:117 Resp: 168759

Ion	Ratio	Lower	Upper
117	100		
82	61.7	51.3	76.9
119	33.9	26.4	39.6

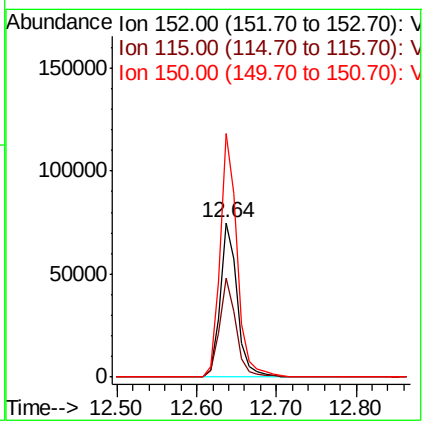


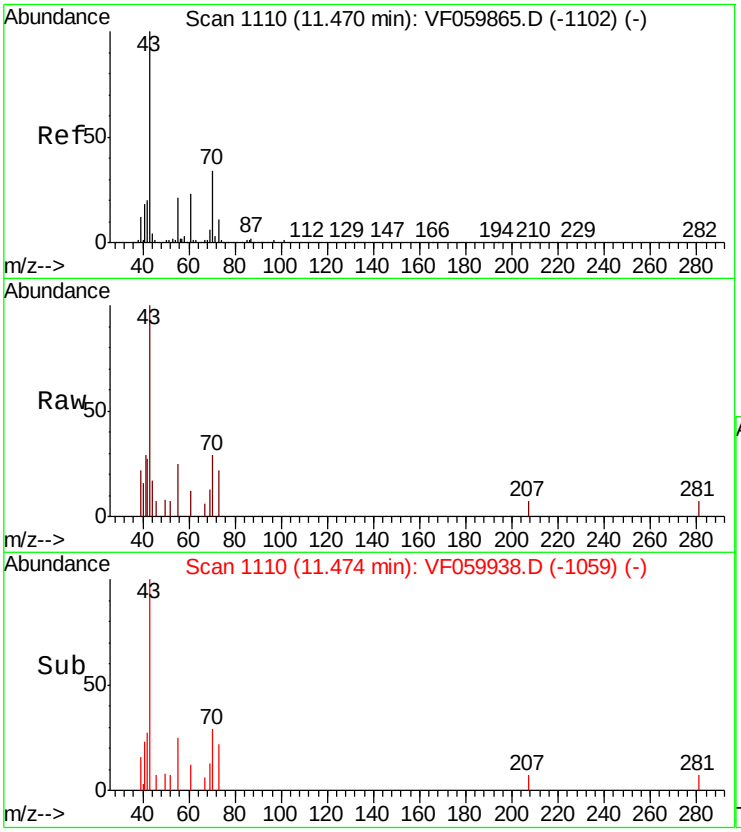


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Tgt Ion:152 Resp: 113778

Ion	Ratio	Lower	Upper
152	100		
115	64.0	29.8	89.4
150	158.0	0.0	315.6





#74
N-amyl acetate
Concen: 4.447 ug/l
RT: 11.47 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VF059938.D
Acq: 10 Aug 2018 12:04

Instrument :
MSVOA_F
ClientSampleId :
VF0810SBL01

Tgt Ion: 43 Resp: 2774

Ion	Ratio	Lower	Upper
43	100		
70	29.1	27.5	41.3
55	24.7	16.6	25.0
61	11.8	18.2	27.4#