Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071818\
Data File : VF059520.D
Acq On : 18 Jul 2018 18:59
Operator : VA/AP
Sample : VF0718SBL01
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Jul 19 01:34:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	282060	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.75	114	404543	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.91	117	399550	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.63	152	238769	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	219144	49.96	ug/l	-0.04
Spiked Amount 50.000			Recovery = 99.92%			
35) Dibromofluoromethane	4.27	113	191181	54.57	ug/l	-0.04
Spiked Amount 50.000			Recovery = 109.14%			
50) Toluene-d8	7.69	98	434242	49.20	ug/l	-0.04
Spiked Amount 50.000			Recovery = 98.40%			
62) 4-Bromofluorobenzene	11.50	95	231529	50.01	ug/l	-0.03
Spiked Amount 50.000			Recovery = 100.02%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.67	59	1249	Below Cal	#	33
13) Acrolein	2.06	56	495	Below Cal	#	77
15) Acrylonitrile	3.06	53	1809	4.915 ug/l	#	68
16) Acetone	2.32	43	5176	Below Cal		95
18) Methyl Acetate	2.47	43	2539	Below Cal		96
20) Methylene Chloride	2.30	84	8137	Below Cal	#	93
25) 2-Butanone	4.50	43	1423	1.397 ug/l		93
29) Tetrahydrofuran	4.27	42	667	Below Cal	#	24
37) Ethyl Acetate	4.27	43	1272	Below Cal	#	72
49) 1,4-Dioxane	6.86	88	136	Below Cal	#	15
51) 4-Methyl-2-Pentanone	8.39	43	5023	2.435 ug/l	#	77
59) 2-Hexanone	9.63	43	3858	2.475 ug/l	#	53

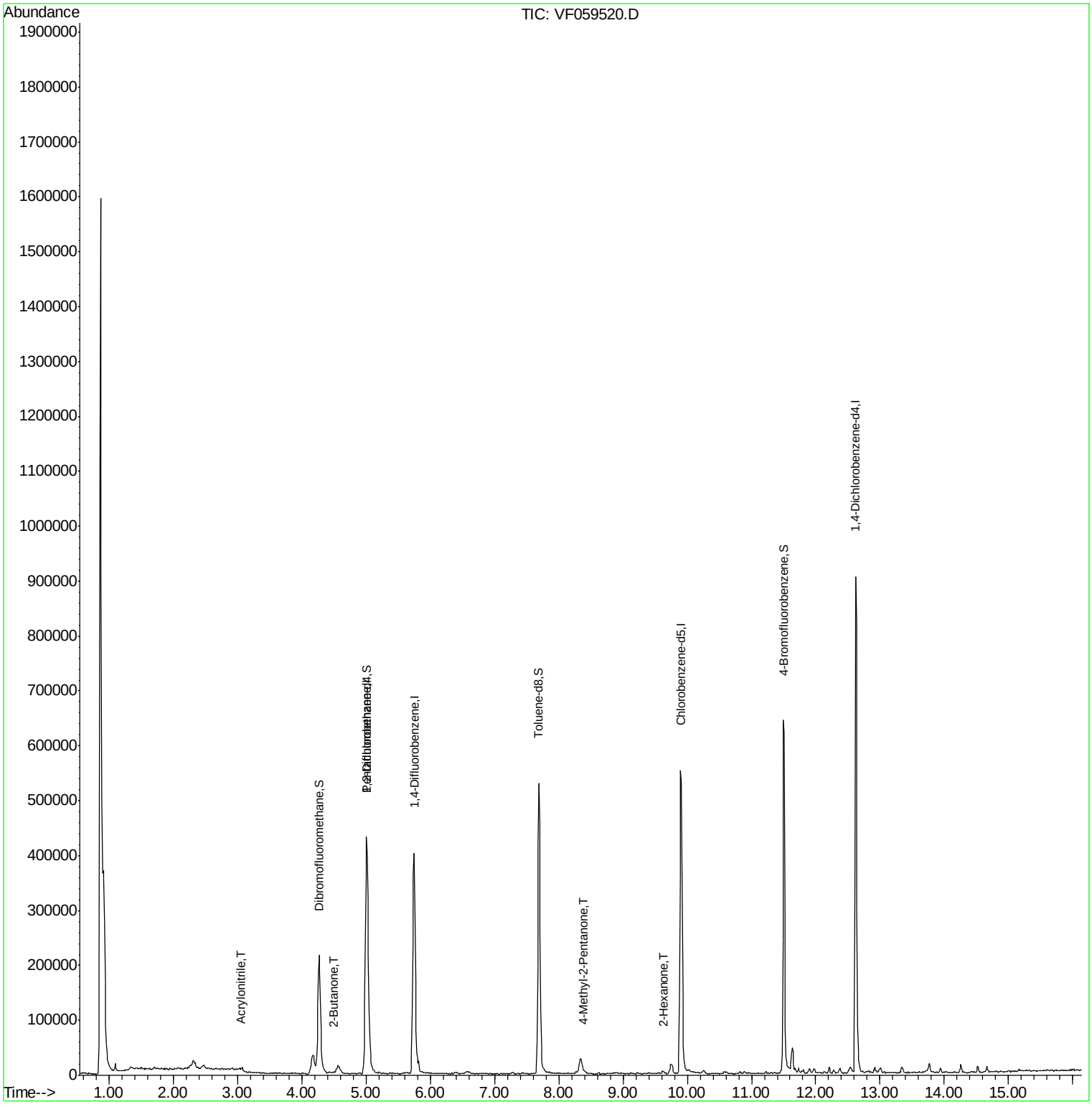
(#) = qualifier out of range (m) = manual integration (+) = signals summed

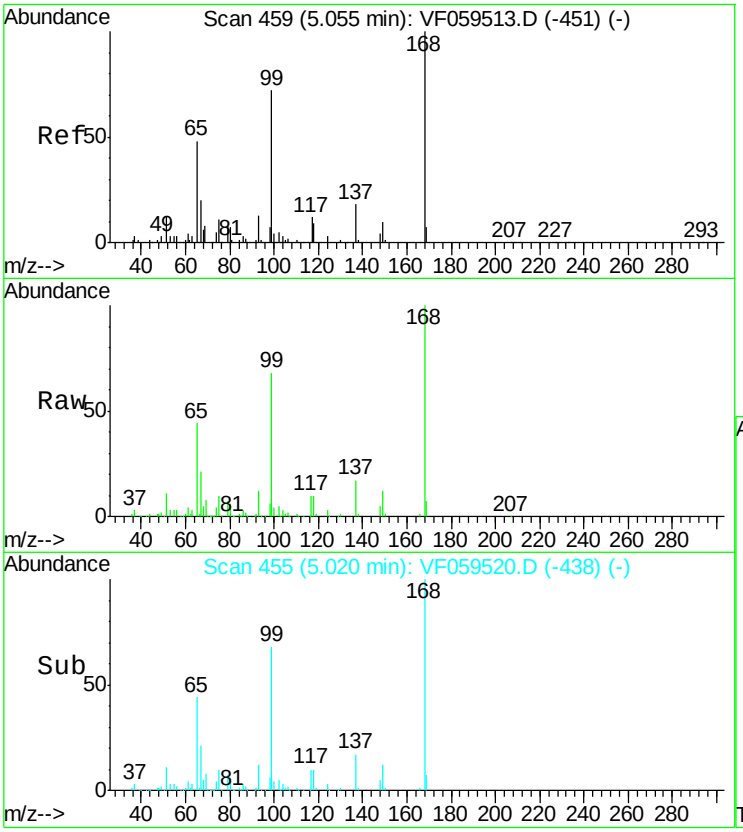
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071818\
Data File : VF059520.D
Acq On : 18 Jul 2018 18:59
Operator : VA/AP
Sample : VF0718SBL01
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jul 19 01:34:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration



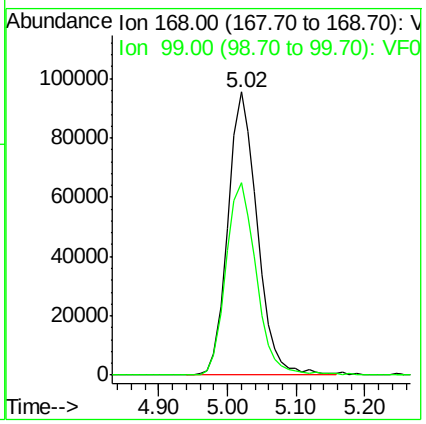


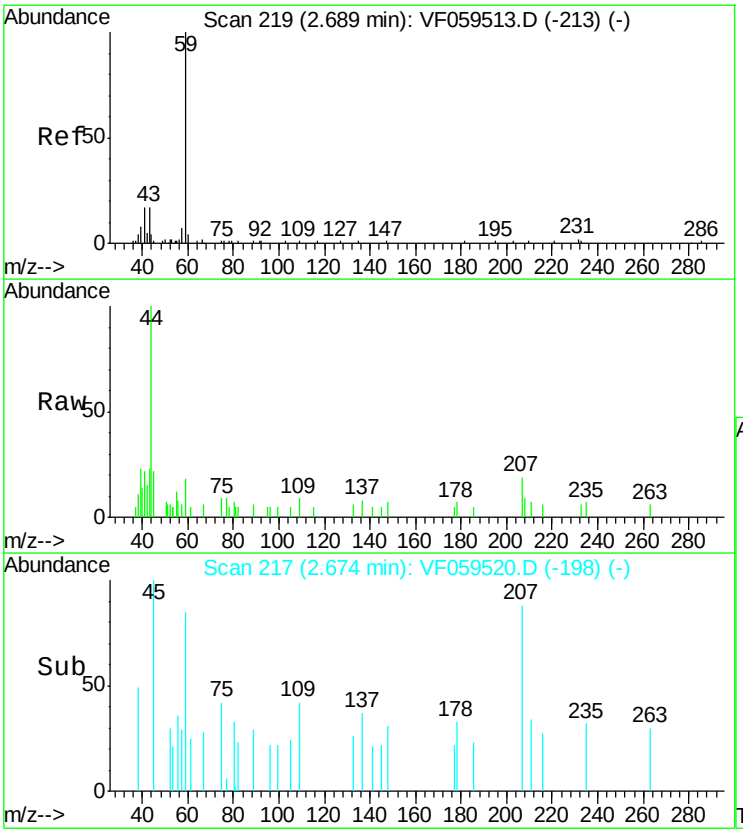
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.02 min Scan# 455
Delta R.T. -0.04 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 282060

Ion	Ratio	Lower	Upper
168	100		
99	68.2	57.6	86.4

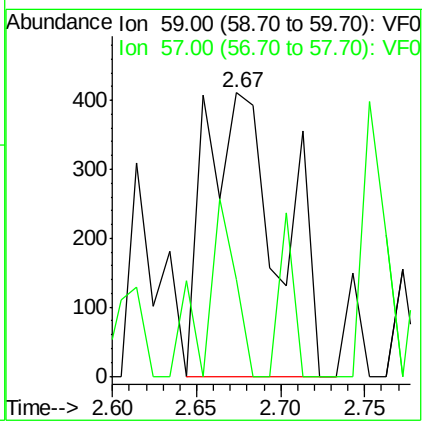


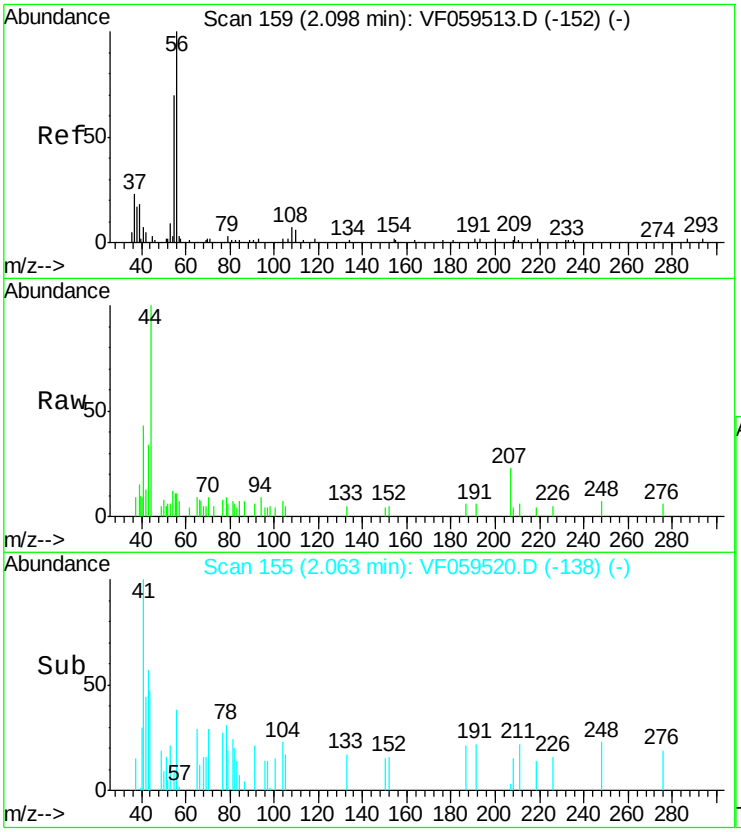


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.67 min Scan# 217
Delta R.T. -0.02 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

Tgt Ion: 59 Resp: 1249

Ion	Ratio	Lower	Upper
59	100		
57	34.1	7.7	11.5#



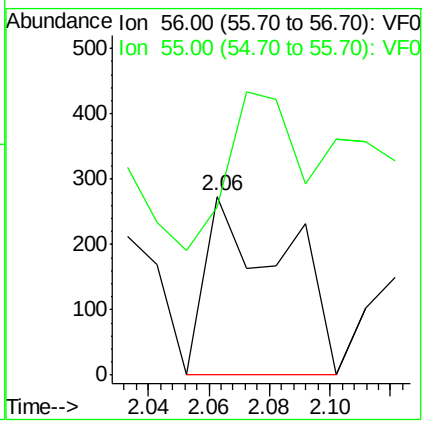


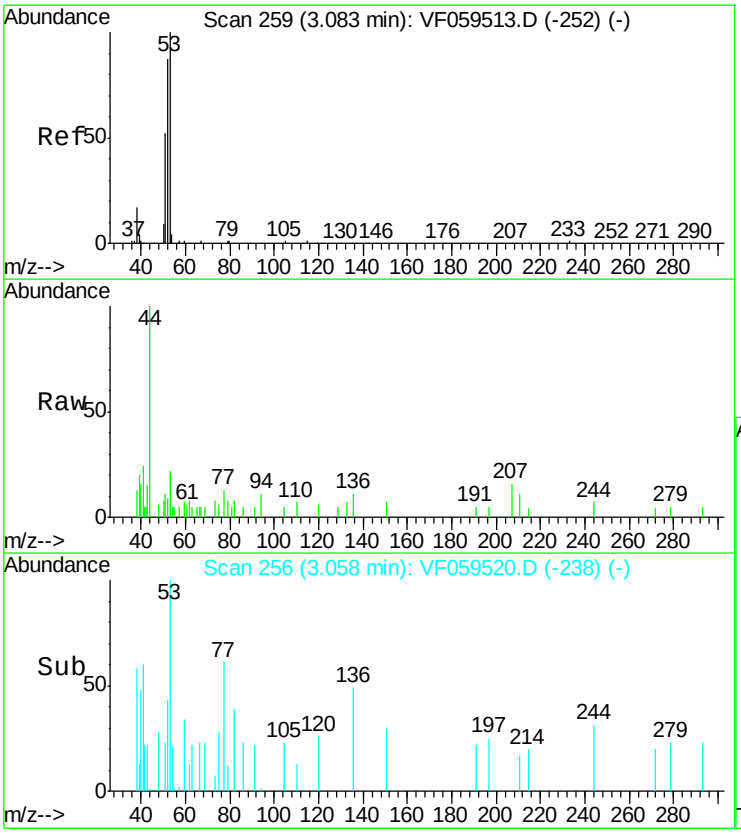
#13
Acrolein
Concen: Below Cal
RT: 2.06 min Scan# 155
Delta R.T. -0.03 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 495

Ion	Ratio	Lower	Upper
56	100		
55	94.2	59.4	89.2#

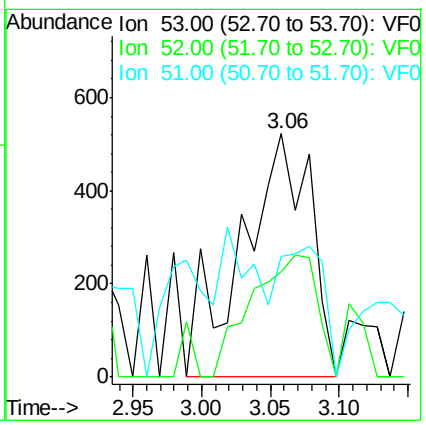


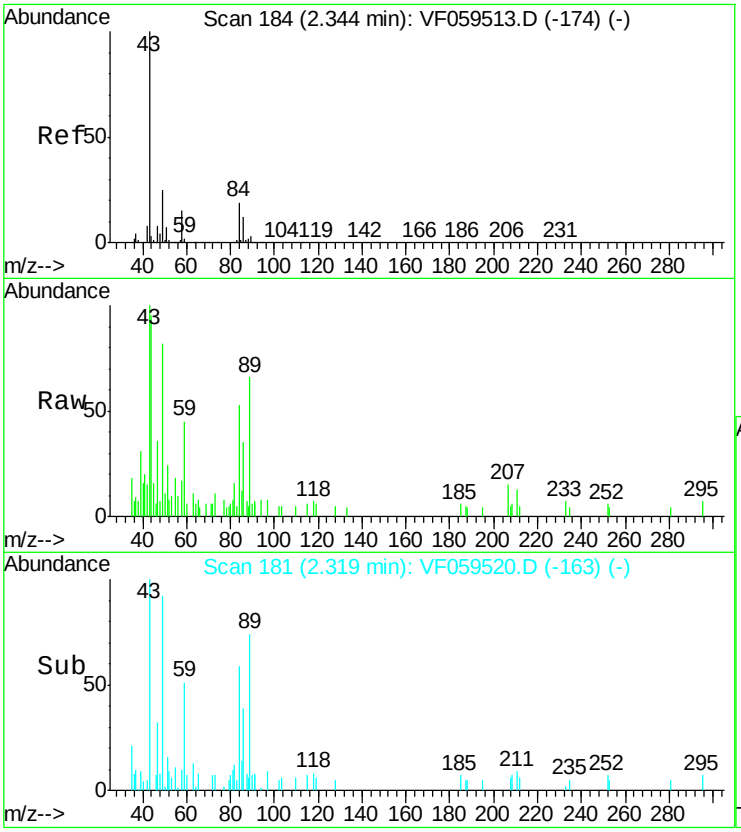


#15
Acrylonitrile
Concen: 4.915 ug/l
RT: 3.06 min Scan# 256
Delta R.T. -0.03 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

Tgt Ion: 53 Resp: 1809

Ion	Ratio	Lower	Upper
53	100		
52	43.2	70.1	105.1#
51	49.5	42.5	63.7



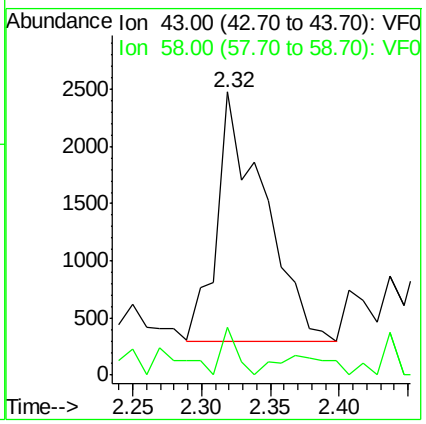


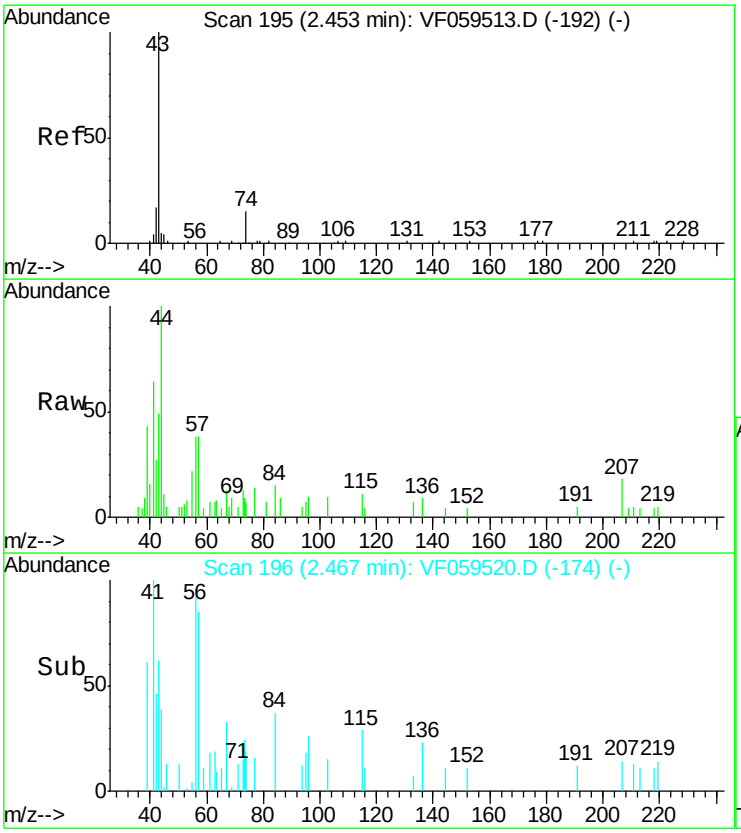
#16
Acetone
Concen: Below Cal
RT: 2.32 min Scan# 181
Delta R.T. -0.03 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

Tgt Ion: 43 Resp: 5176

Ion	Ratio	Lower	Upper
43	100		
58	16.8	11.8	17.6

Instrument :
MSVOA_F
ClientSampleId :

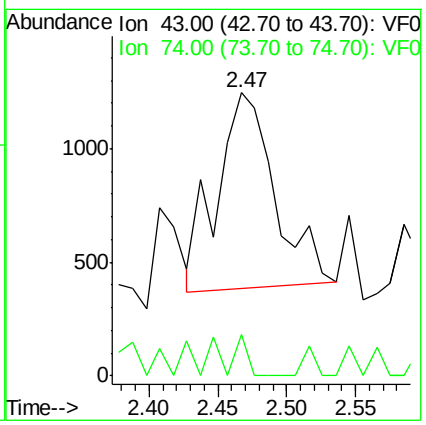


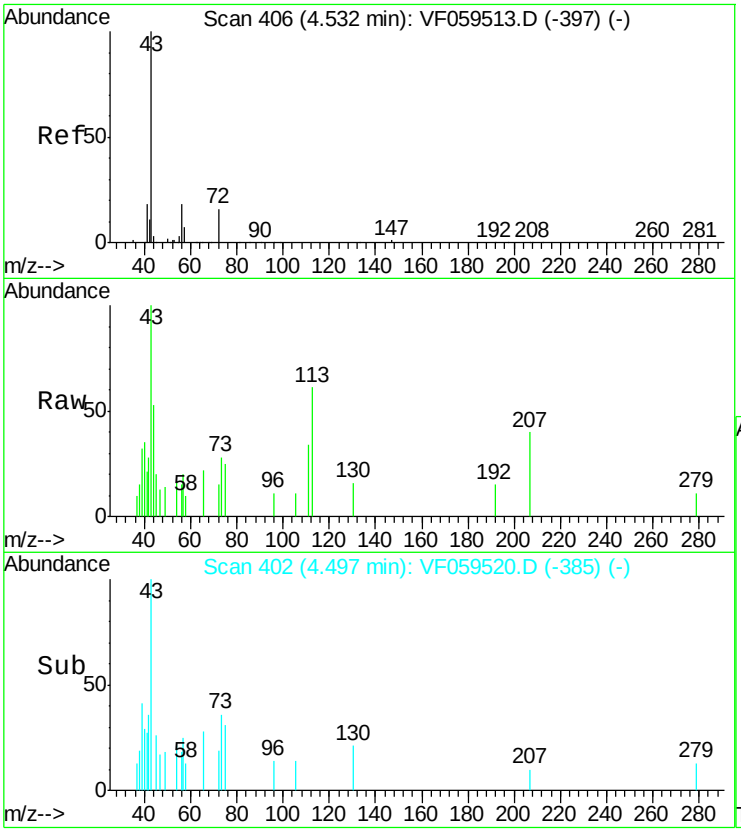


#18
Methyl Acetate
Concen: Below Cal
RT: 2.47 min Scan# 196
Delta R.T. 0.01 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

Tgt Ion: 43 Resp: 2539

Ion	Ratio	Lower	Upper
43	100		
74	14.8	10.6	15.8



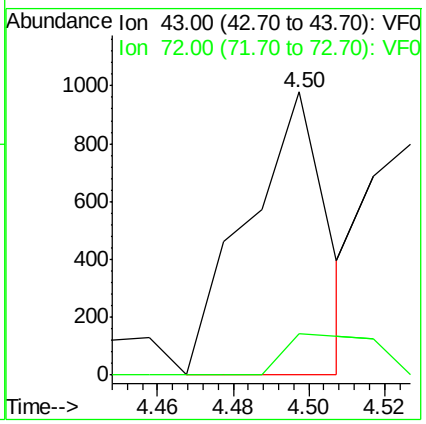


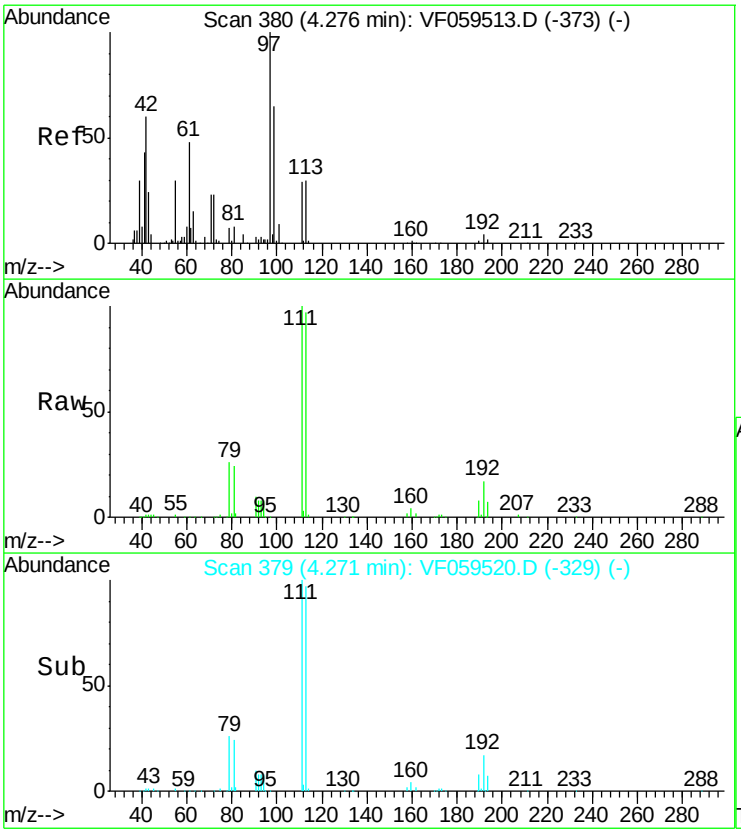
#25
2-Butanone
Concen: 1.397 ug/l
RT: 4.50 min Scan# 402
Delta R.T. -0.04 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1423

Ion	Ratio	Lower	Upper
43	100		
72	14.6	14.2	21.4

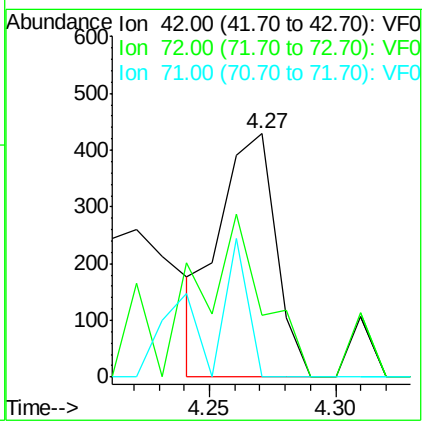


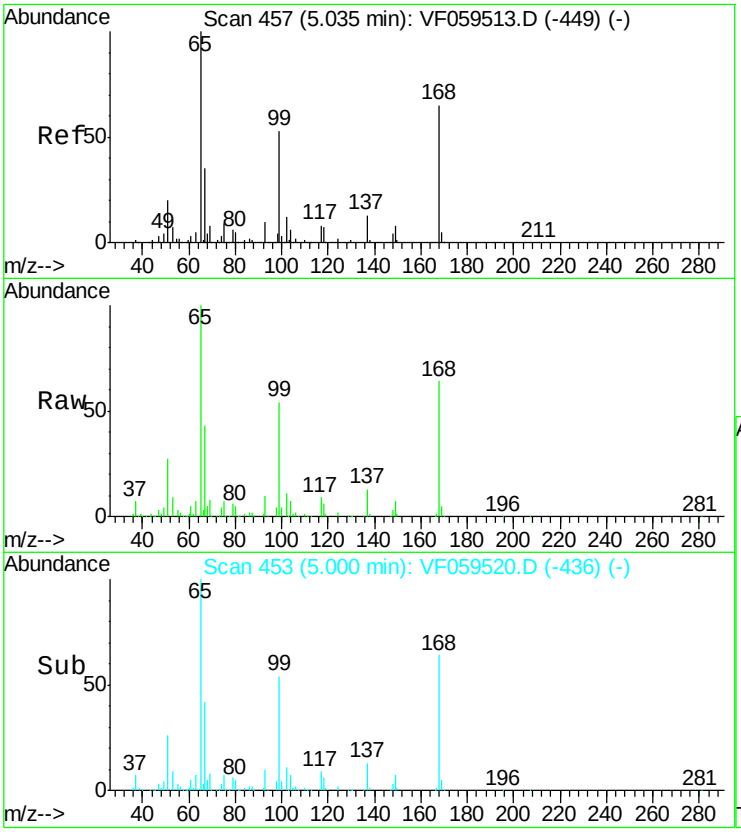


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.27 min Scan# 379
Delta R.T. -0.01 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

Tgt Ion: 42 Resp: 667

Ion	Ratio	Lower	Upper
42	100		
72	88.0	28.7	43.1#
71	0.0	30.8	46.2#



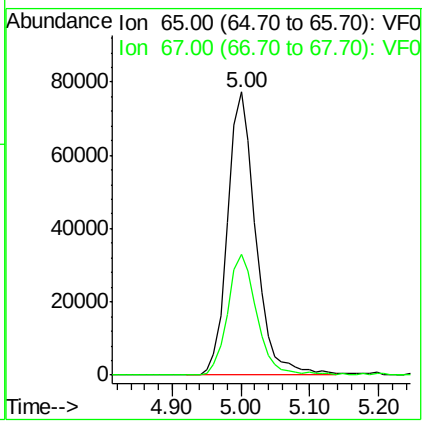


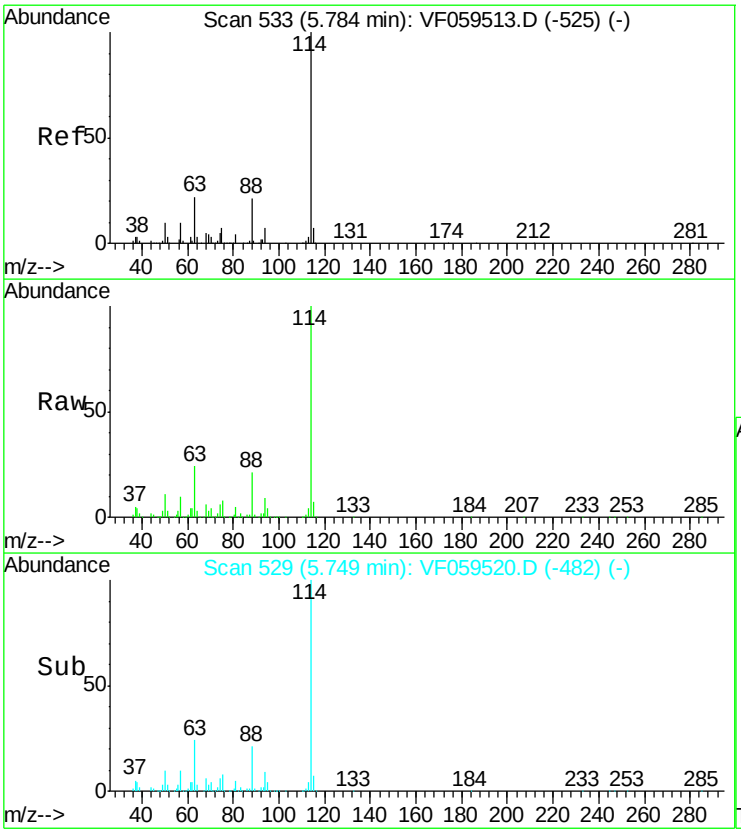
#33
1,2-Dichloroethane-d4
Concen: 49.956 ug/l
RT: 5.00 min Scan# 453
Delta R.T. -0.04 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 219144

Ion	Ratio	Lower	Upper
65	100		
67	42.6	0.0	91.2

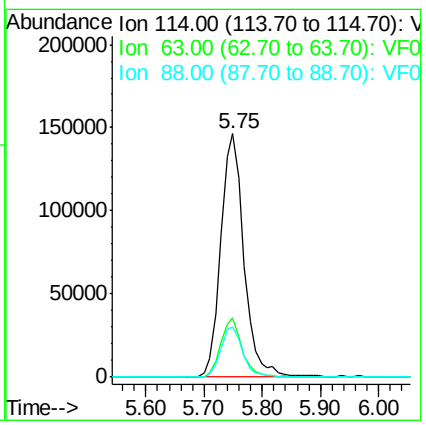


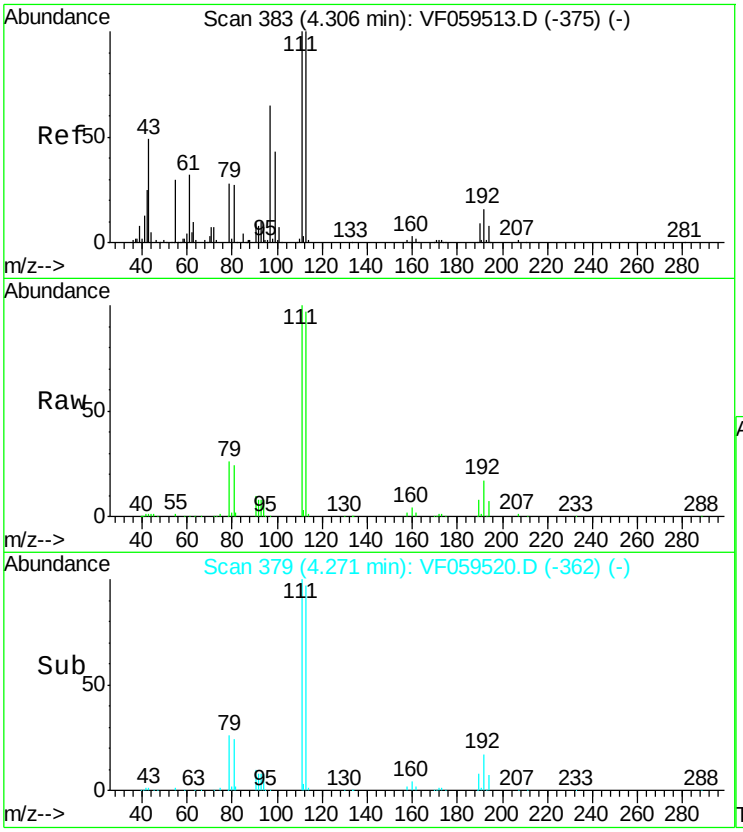


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 529
Delta R.T. -0.04 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

Tgt Ion:114 Resp: 404543

Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	44.8
88	20.7	0.0	42.6



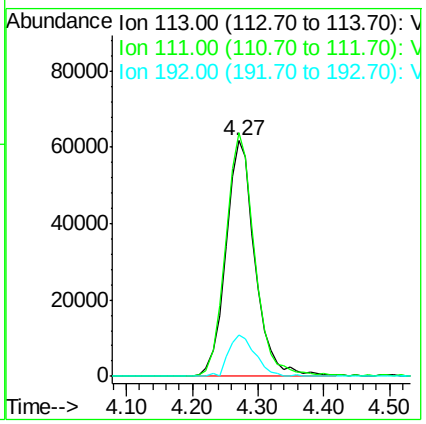


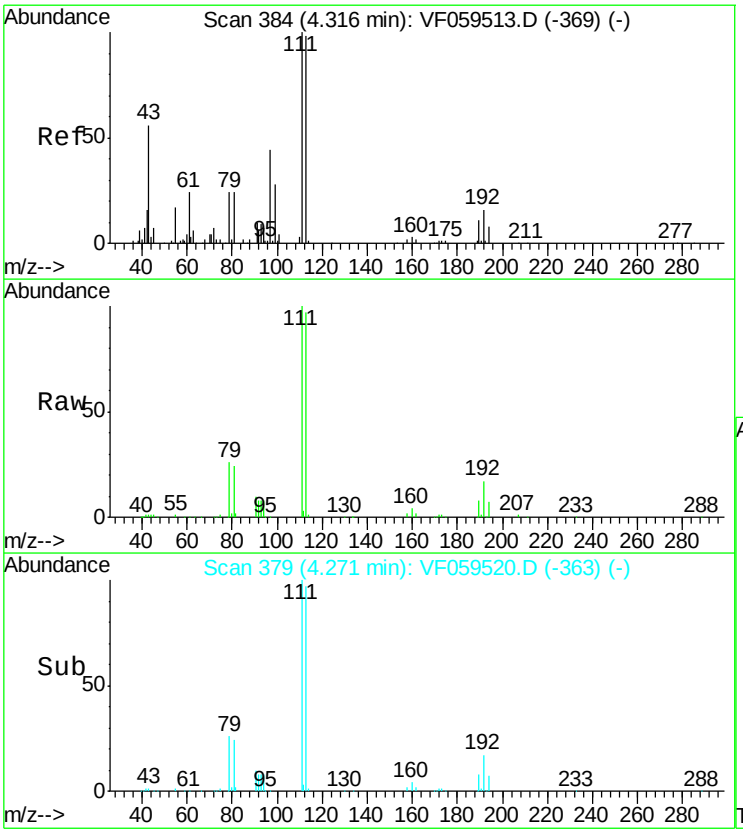
#35
Dibromofluoromethane
Concen: 54.566 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.04 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 191181

Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.3	120.5
192	17.5	13.1	19.7

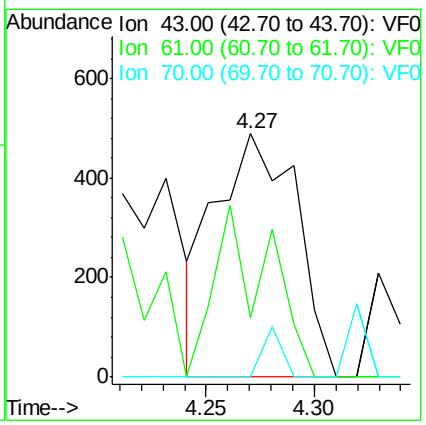


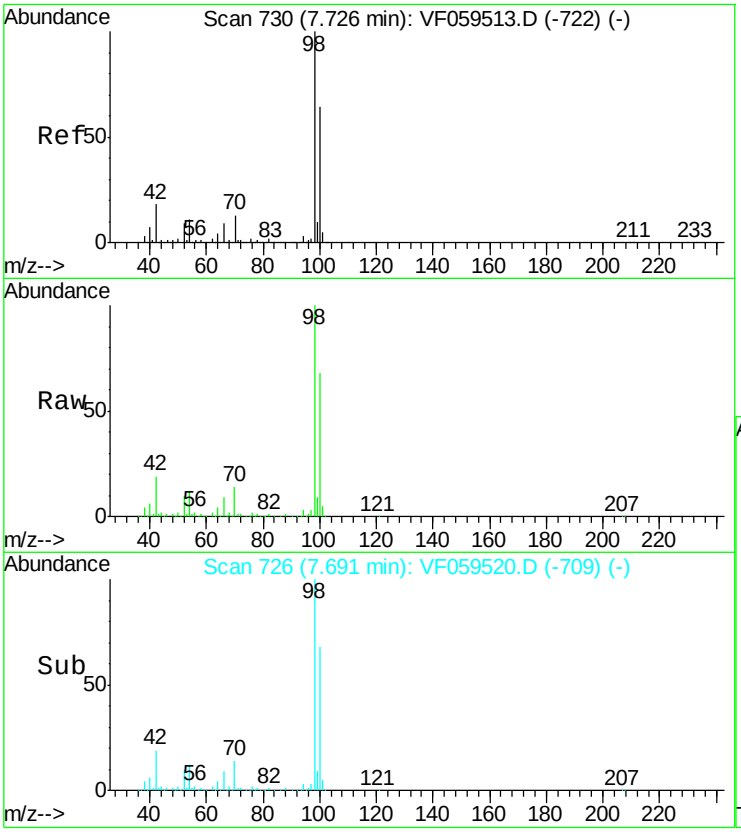


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.27 min Scan# 379
Delta R.T. -0.04 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

Tgt Ion: 43 Resp: 1272

Ion	Ratio	Lower	Upper
43	100		
61	24.1	33.7	50.5#
70	0.0	7.4	11.0#



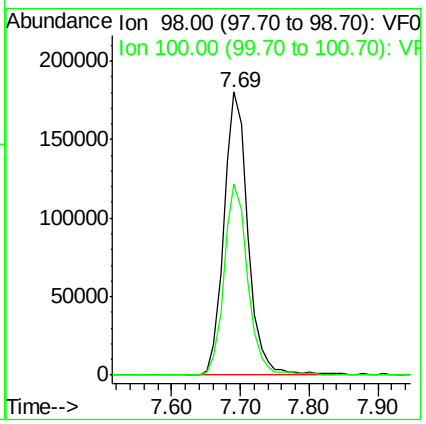


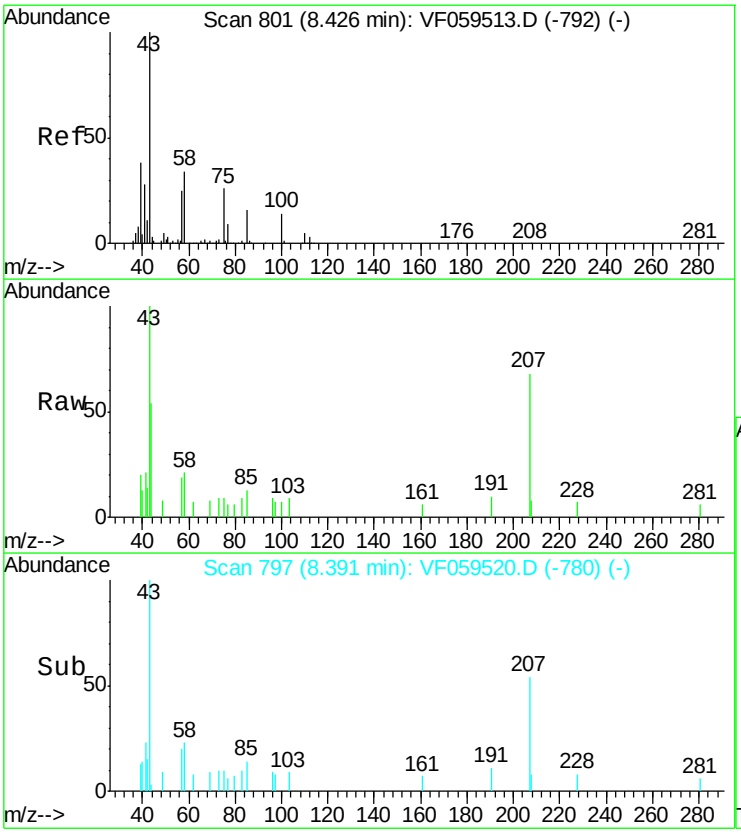
#50
Toluene-d8
Concen: 49.203 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.04 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 434242

Ion	Ratio	Lower	Upper
98	100		
100	67.7	50.9	76.3

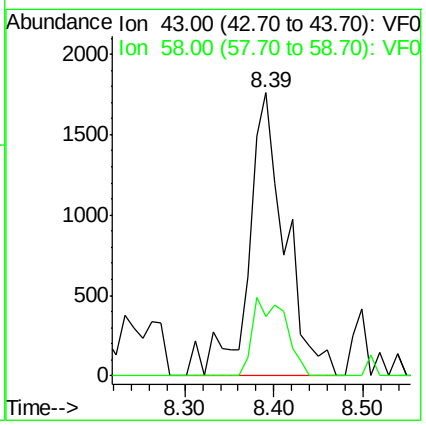


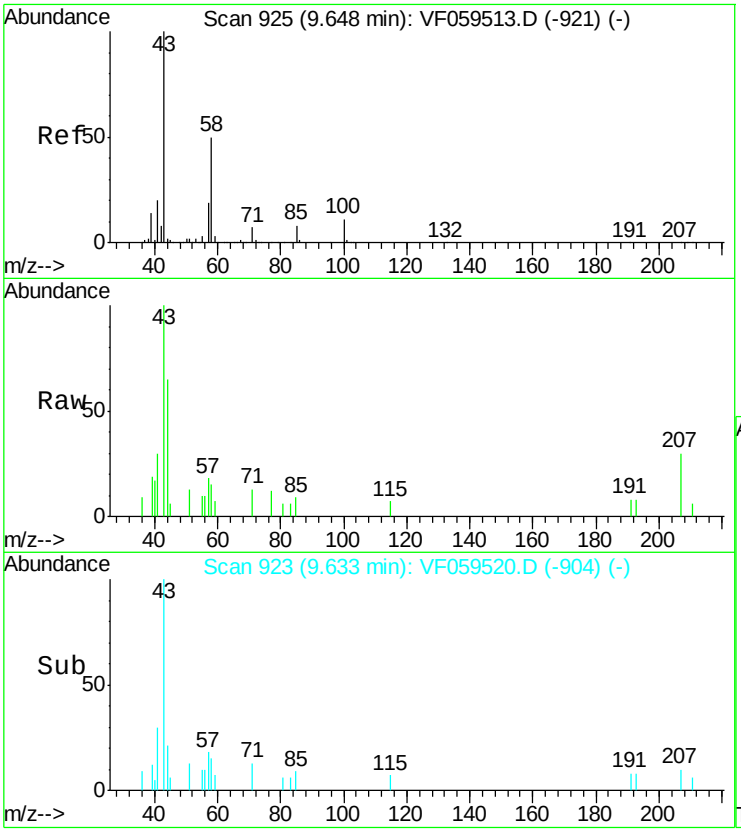


#51
4-Methyl-2-Pentanone
Concen: 2.435 ug/l
RT: 8.39 min Scan# 797
Delta R.T. -0.04 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

Tgt Ion: 43 Resp: 5023

Ion	Ratio	Lower	Upper
43	100		
58	21.1	27.4	41.2#



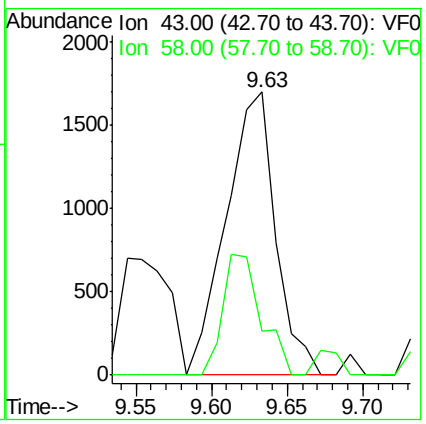


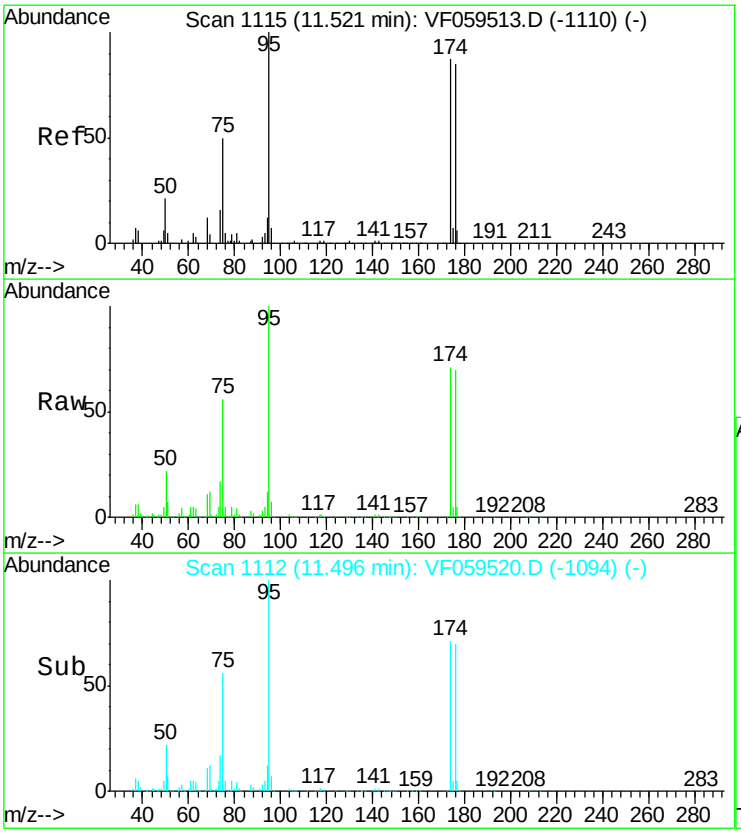
#59
2-Hexanone
Concen: 2.475 ug/l
RT: 9.63 min Scan# 923
Delta R.T. -0.02 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3858

Ion	Ratio	Lower	Upper
43	100		
58	15.4	23.3	69.9#

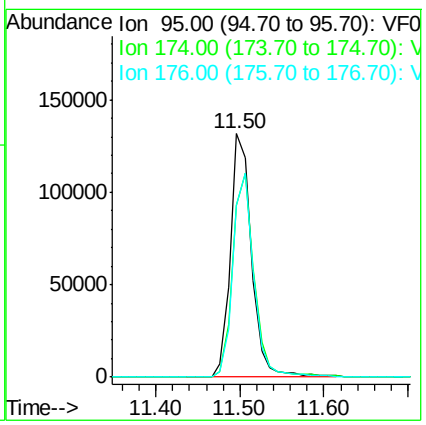


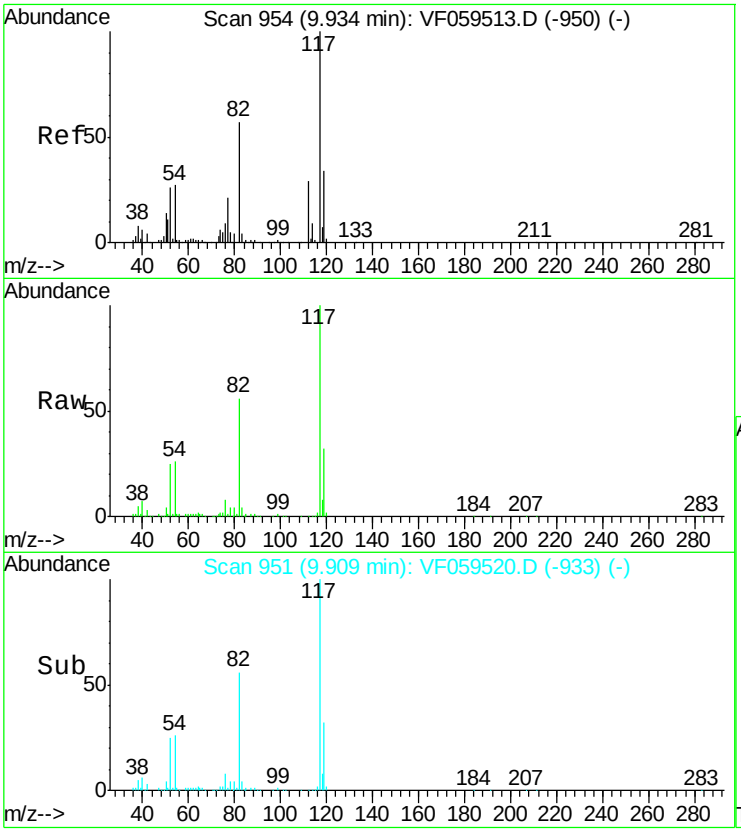


#62
4-Bromofluorobenzene
Concen: 50.008 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.03 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

Tgt Ion: 95 Resp: 231529

Ion	Ratio	Lower	Upper
95	100		
174	70.7	0.0	174.4
176	70.4	0.0	169.4



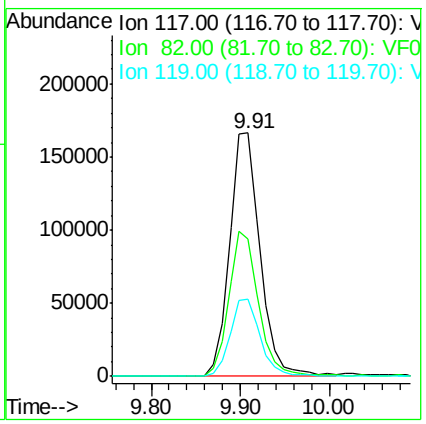


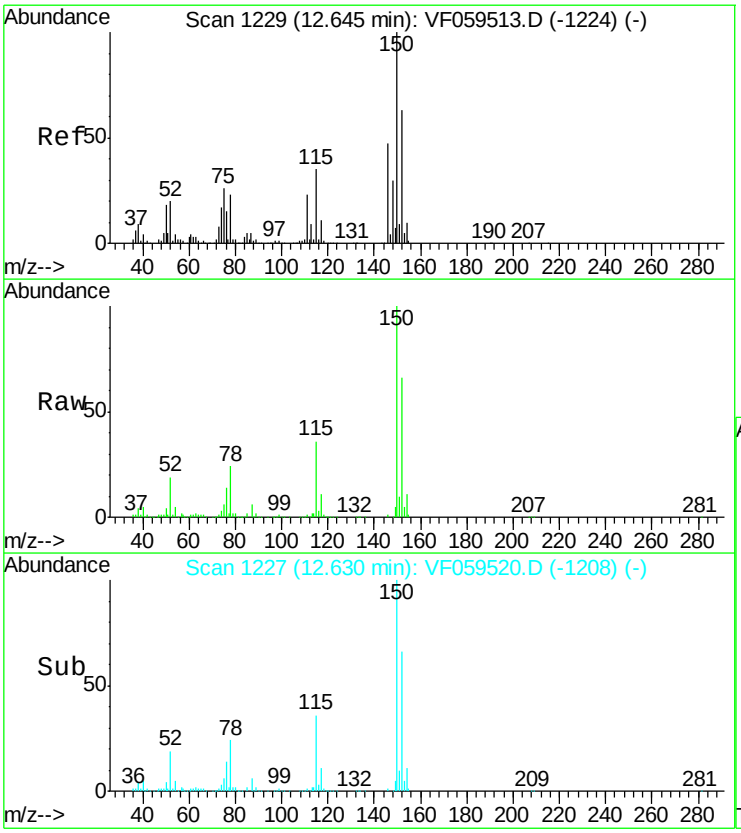
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.03 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 399550

Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.1	69.1
119	32.0	27.2	40.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF059520.D
Acq: 18 Jul 2018 18:59

Tgt Ion:152 Resp: 238769

Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.8	83.3
150	152.2	0.0	318.4