Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031219\
Data File : VF061915.D
Acq On : 12 Mar 2019 20:02
Operator : VA/AP
Sample : K1866-09
Misc : 5.65g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : MR-MH-15-COMP

Quant Time: Mar 13 02:09:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	262907	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.57	114	436025	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.76	117	377869	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	212224	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	110112	57.51	ug/l	-0.03
Spiked Amount 50.000			Recovery = 115.02%			
35) Dibromofluoromethane	4.09	113	148140	48.68	ug/l	-0.03
Spiked Amount 50.000			Recovery = 97.36%			
50) Toluene-d8	7.54	98	381982	42.23	ug/l	-0.03
Spiked Amount 50.000			Recovery = 84.46%			
62) 4-Bromofluorobenzene	11.39	95	167372	47.24	ug/l	-0.03
Spiked Amount 50.000			Recovery = 94.48%			
Target Compounds						Qvalue
8) Diethyl Ether	1.63	74	900	1.091	ug/l	71
11) Tert butyl alcohol	2.56	59	189	1.739	ug/l #	64
13) Acrolein	1.83	56	242	1.757	ug/l	92
16) Acetone	2.23	43	12007	29.939	ug/l	98
18) Methyl Acetate	2.36	43	2858	Below Cal	#	62
20) Methylene Chloride	2.17	84	8115	Below Cal		97
25) 2-Butanone	4.31	43	816	1.000	ug/l #	82
29) Tetrahydrofuran	4.06	42	1768	5.025	ug/l #	71
49) 1,4-Dioxane	7.08	88	89	7.219	ug/l #	26
59) 2-Hexanone	9.47	43	1170	1.101	ug/l #	22

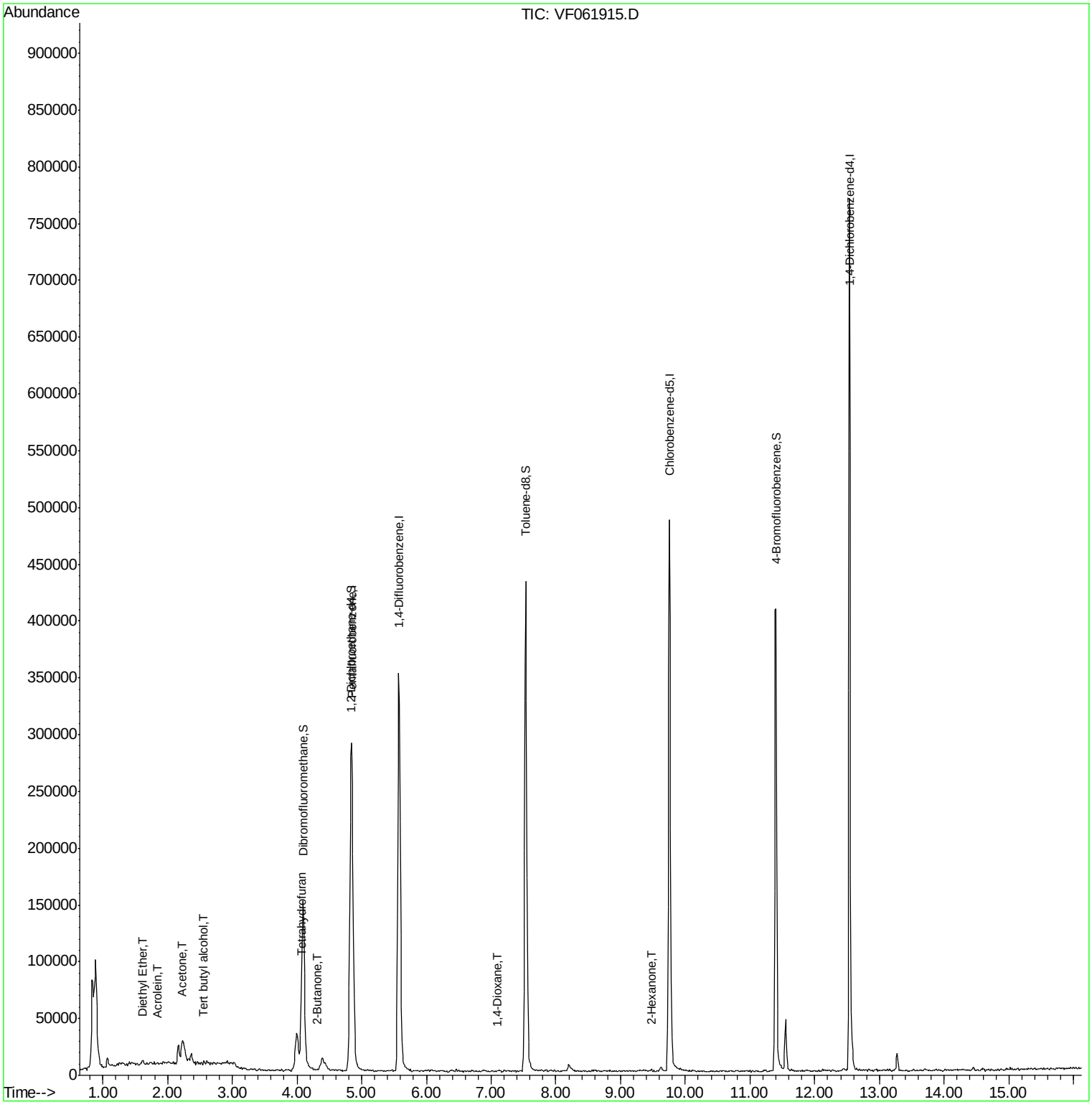
(#) = qualifier out of range (m) = manual integration (+) = signals summed

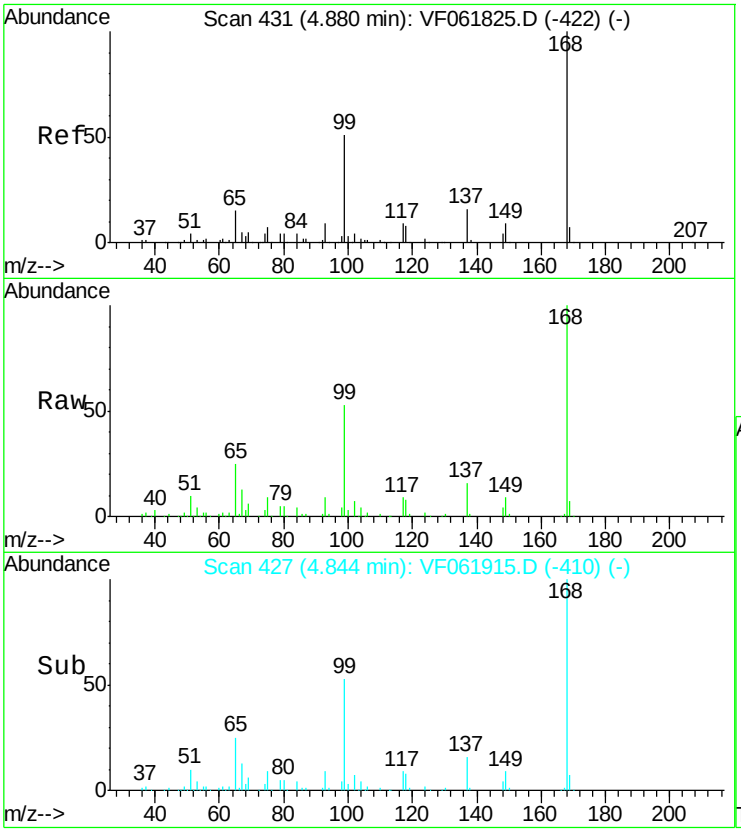
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031219\
Data File : VF061915.D
Acq On : 12 Mar 2019 20:02
Operator : VA/AP
Sample : K1866-09
Misc : 5.65g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-15-COMP

Quant Time: Mar 13 02:09:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration



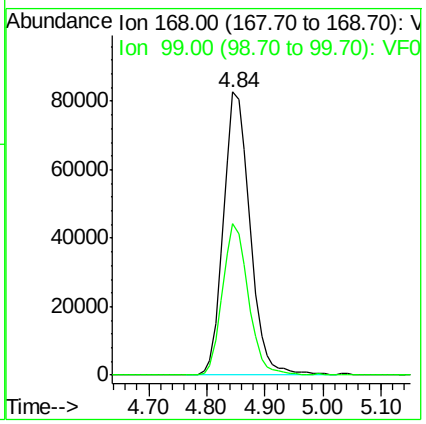


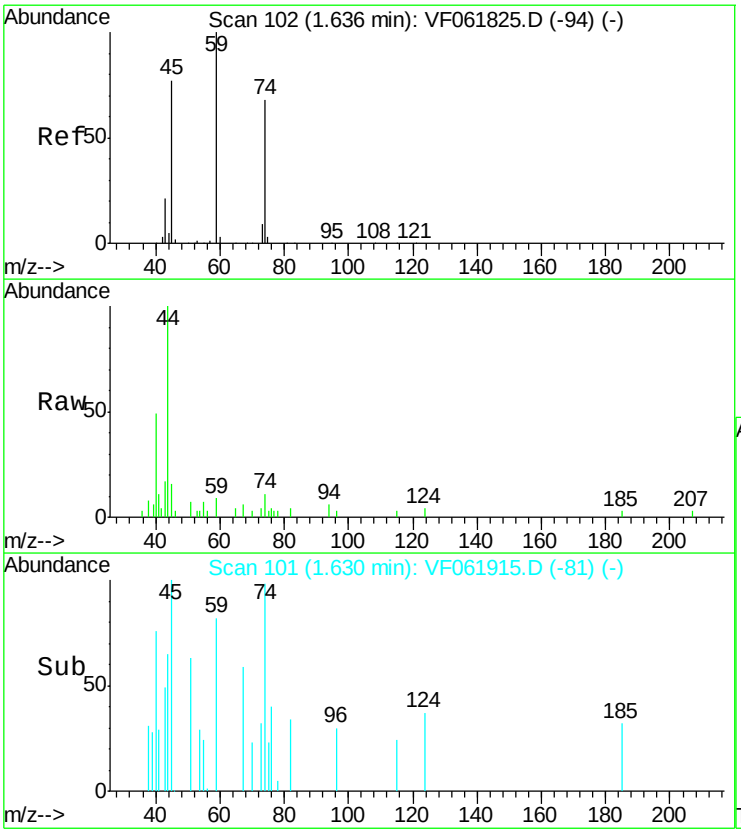
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF061915.D
Acq: 12 Mar 2019 20:02

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-15-COMP

Tgt Ion:168 Resp: 262907

Ion	Ratio	Lower	Upper
168	100		
99	53.3	40.8	61.2

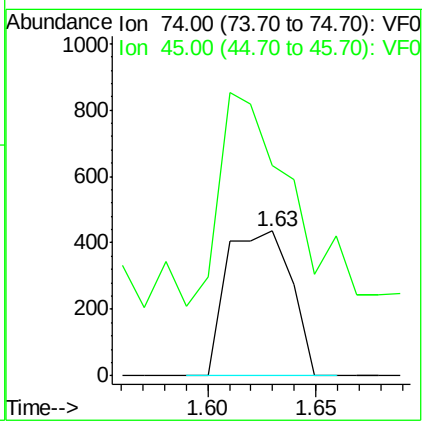


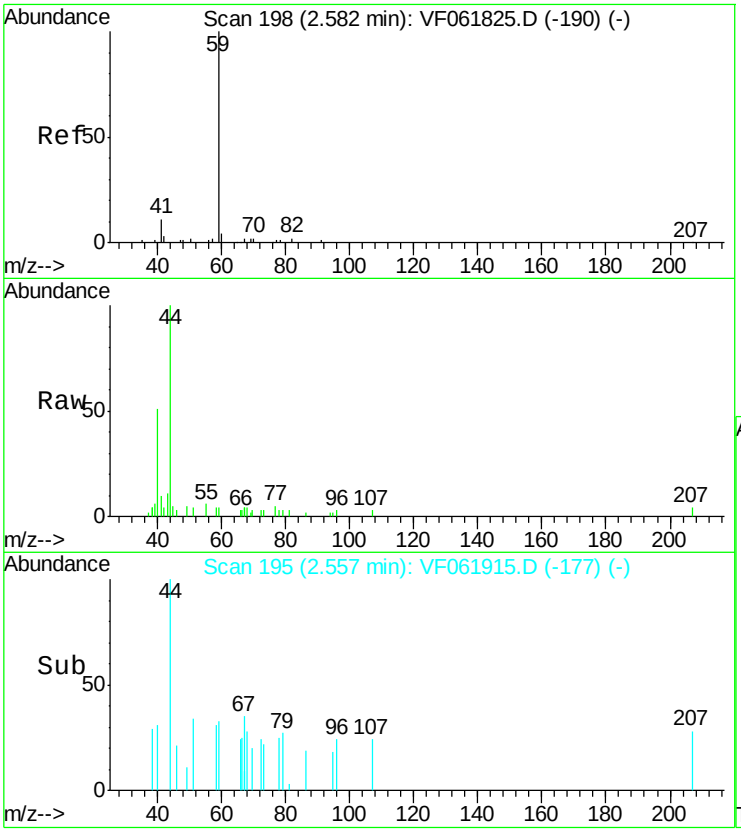


#8
Diethyl Ether
Concen: 1.091 ug/l
RT: 1.63 min Scan# 101
Delta R.T. -0.01 min
Lab File: VF061915.D
Acq: 12 Mar 2019 20:02

Tgt Ion: 74 Resp: 900

Ion	Ratio	Lower	Upper
74	100		
45	145.7	57.2	171.6



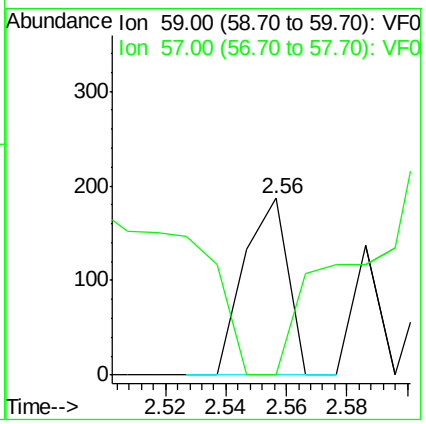


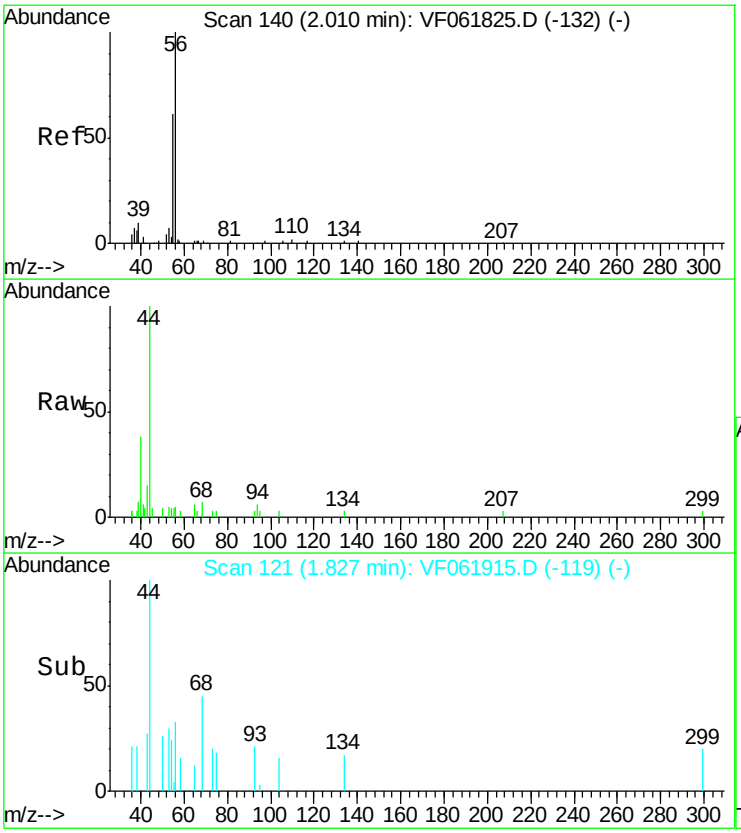
#11
Tert butyl alcohol
Concen: 1.739 ug/l
RT: 2.56 min Scan# 195
Delta R.T. -0.03 min
Lab File: VF061915.D
Acq: 12 Mar 2019 20:02

Instrument : MSVOA_F
ClientSampleId : MR-MH-15-COMP

Tgt Ion: 59 Resp: 189

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.8	17.6#

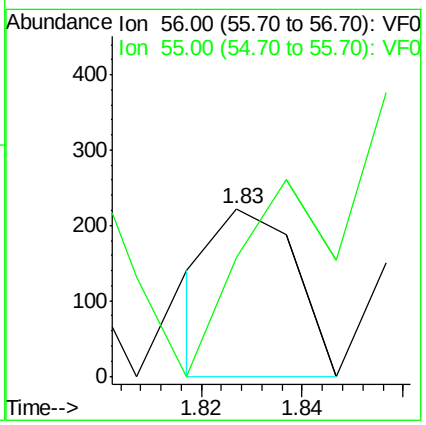


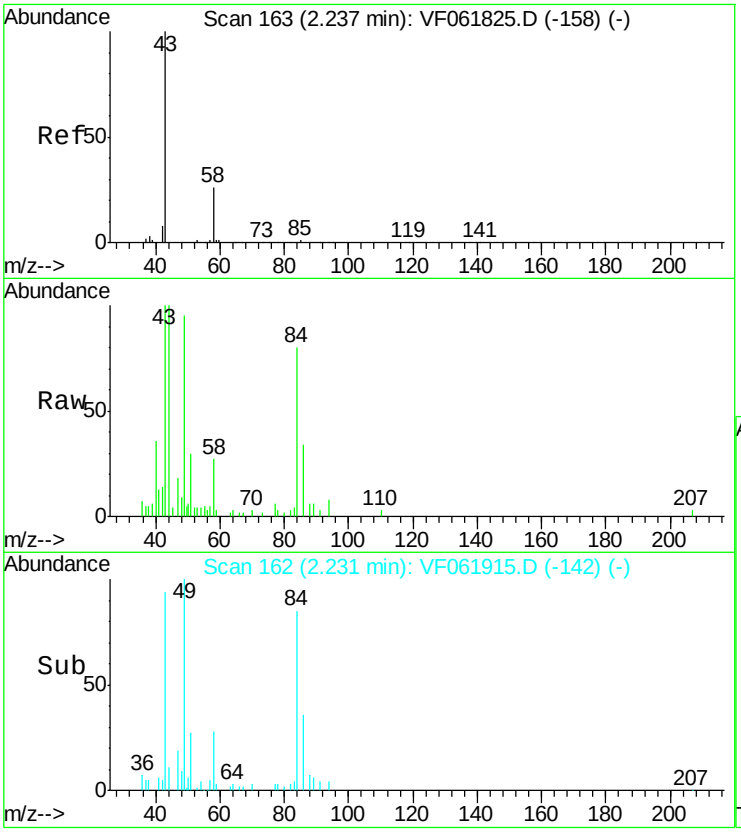


#13
Acrolein
Concen: 1.757 ug/l
RT: 1.83 min Scan# 121
Delta R.T. -0.18 min
Lab File: VF061915.D
Acq: 12 Mar 2019 20:02

Tgt Ion: 56 Resp: 242

Ion	Ratio	Lower	Upper
56	100		
55	70.7	51.3	76.9



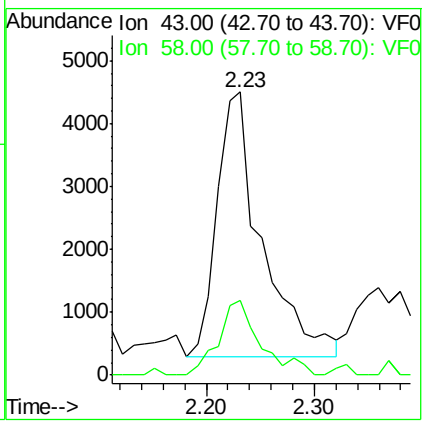


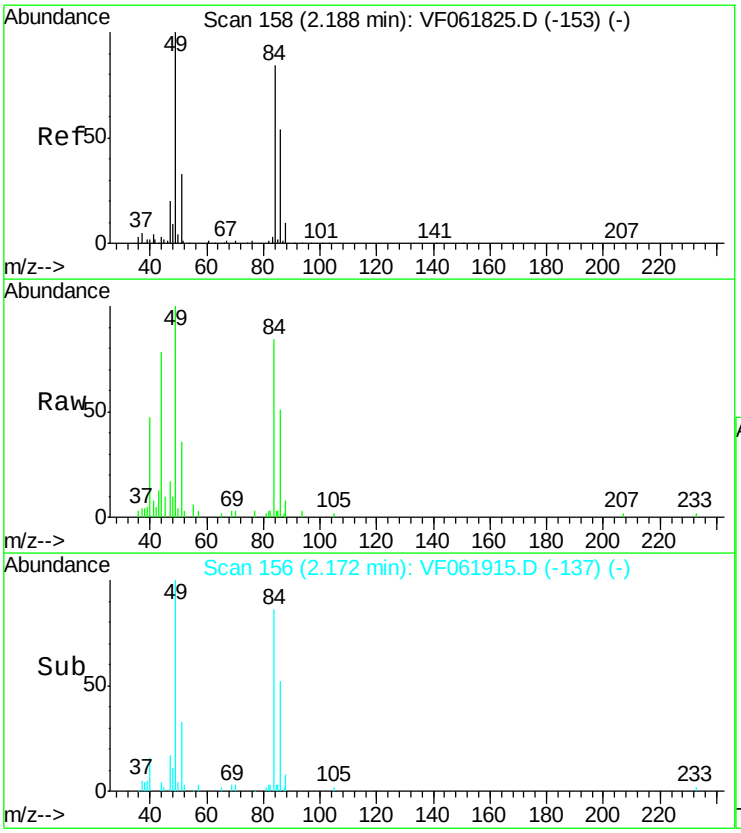
#16
Acetone
Concen: 29.939 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF061915.D
Acq: 12 Mar 2019 20:02

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-15-COMP

Tgt Ion: 43 Resp: 12007

Ion	Ratio	Lower	Upper
43	100		
58	26.5	20.3	30.5

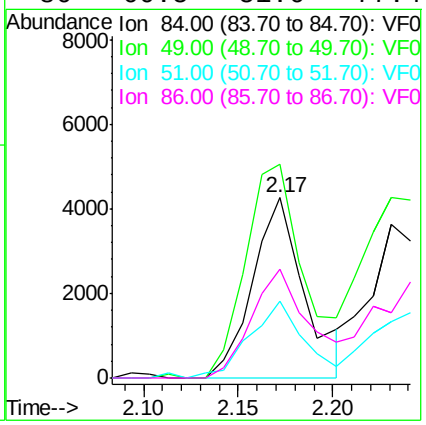


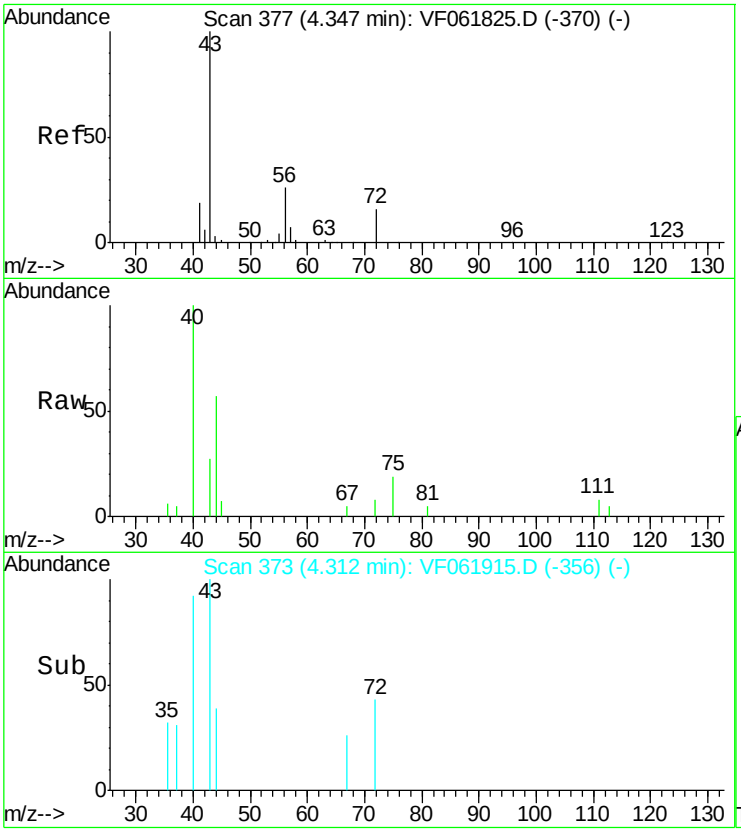


#20
Methylene Chloride
Concen: Below Cal
RT: 2.17 min Scan# 156
Delta R.T. -0.01 min
Lab File: VF061915.D
Acq: 12 Mar 2019 20:02

Tgt Ion: 84 Resp: 8115

Ion	Ratio	Lower	Upper
84	100		
49	123.5	96.8	145.2
51	42.5	31.8	47.6
86	60.5	51.6	77.4



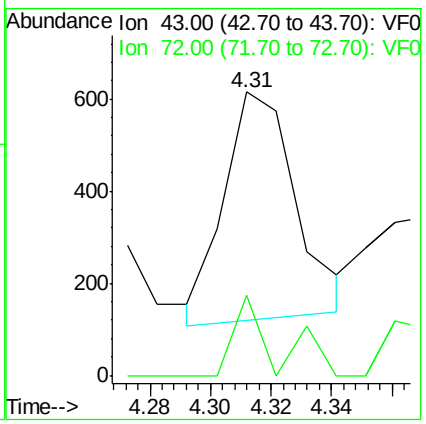


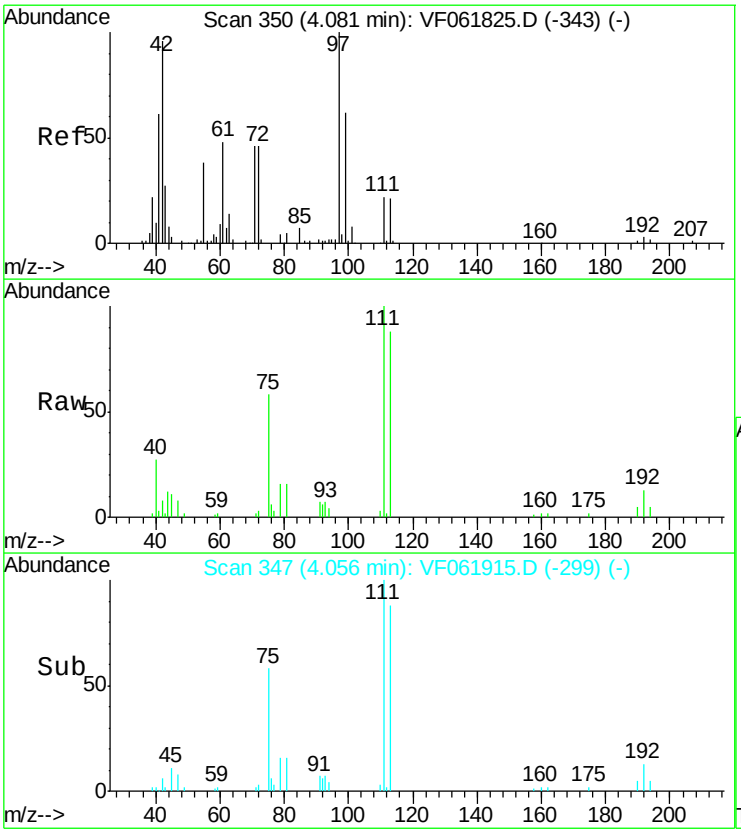
#25
2-Butanone
Concen: 1.000 ug/l
RT: 4.31 min Scan# 373
Delta R.T. -0.04 min
Lab File: VF061915.D
Acq: 12 Mar 2019 20:02

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-15-COMP

Tgt Ion: 43 Resp: 816

Ion	Ratio	Lower	Upper
43	100		
72	28.5	16.2	24.4#

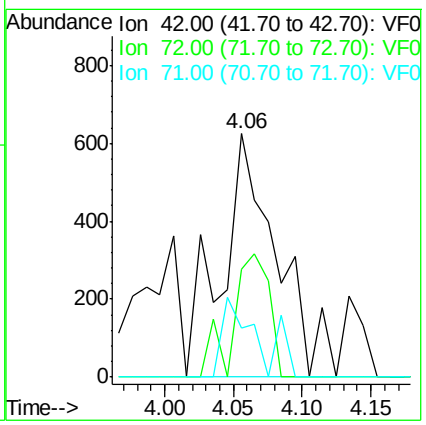


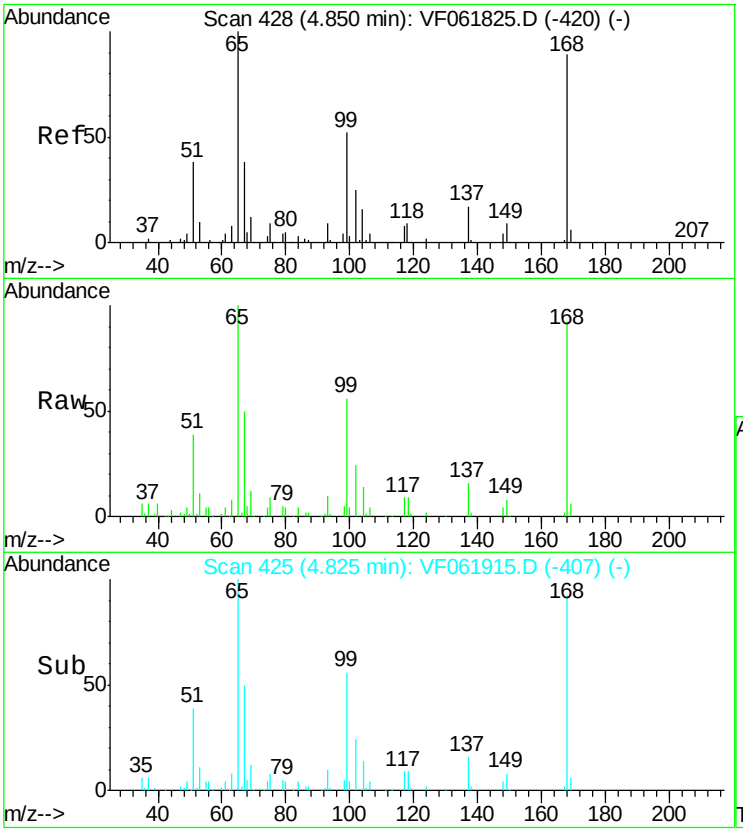


#29
Tetrahydrofuran
Concen: 5.025 ug/l
RT: 4.06 min Scan# 347
Delta R.T. -0.03 min
Lab File: VF061915.D
Acq: 12 Mar 2019 20:02

Tgt Ion: 42 Resp: 1768

Ion	Ratio	Lower	Upper
42	100		
72	33.0	34.4	51.6#
71	15.6	34.6	52.0#



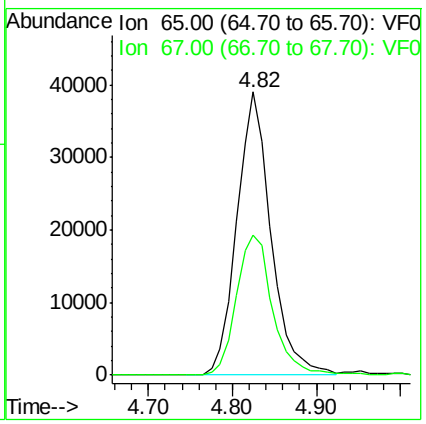


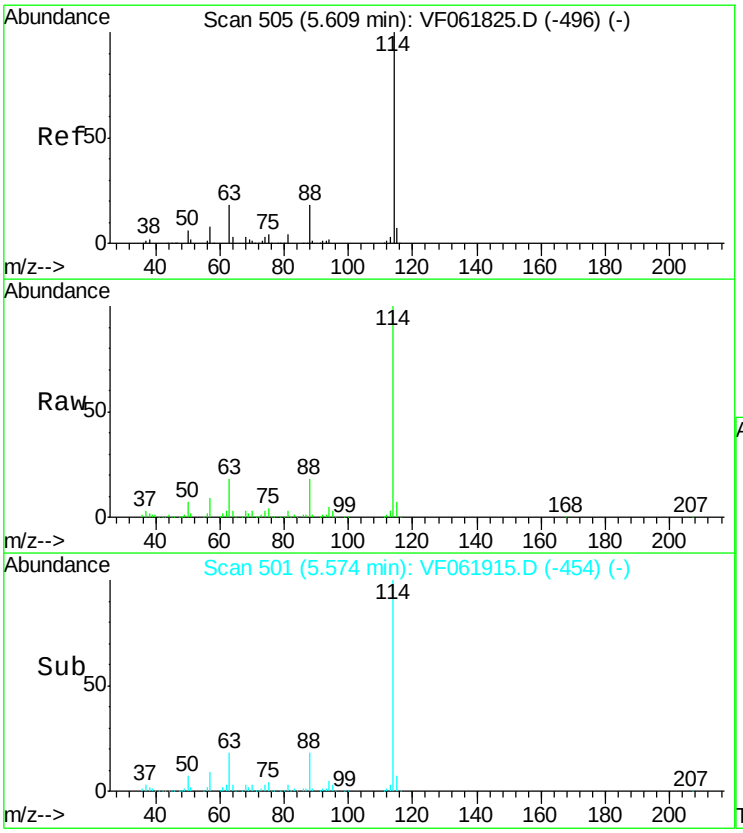
#33
1,2-Dichloroethane-d4
Concen: 57.512 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.03 min
Lab File: VF061915.D
Acq: 12 Mar 2019 20:02

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-15-COMP

Tgt Ion: 65 Resp: 110112

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	108.6

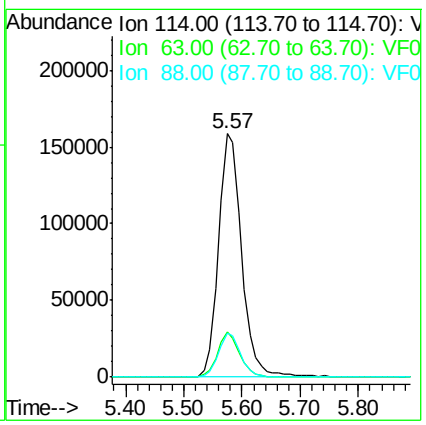


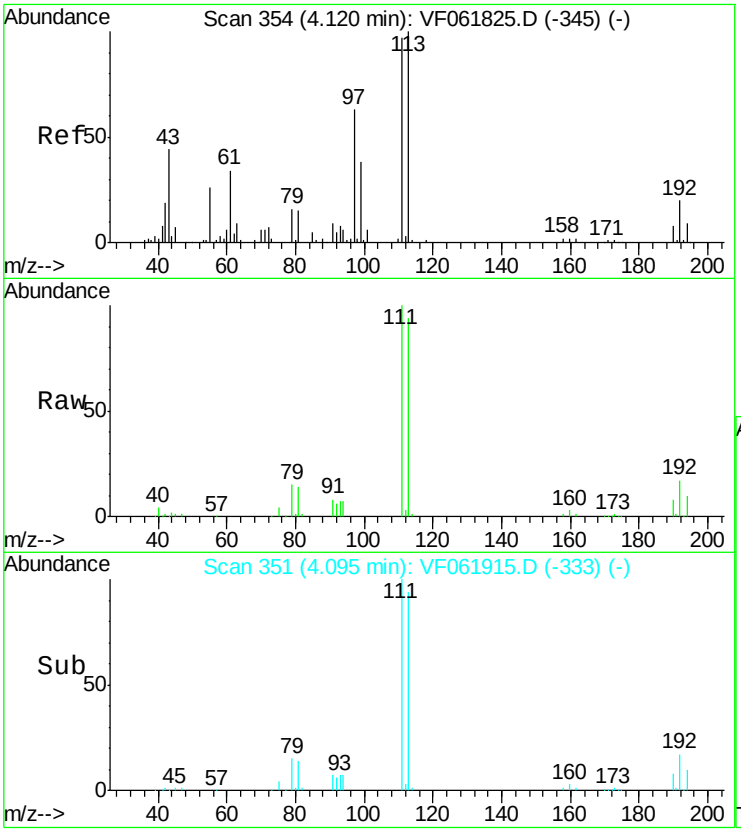


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.57 min Scan# 501
Delta R.T. -0.04 min
Lab File: VF061915.D
Acq: 12 Mar 2019 20:02

Tgt Ion:114 Resp: 436025

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	35.6
88	18.0	0.0	35.6



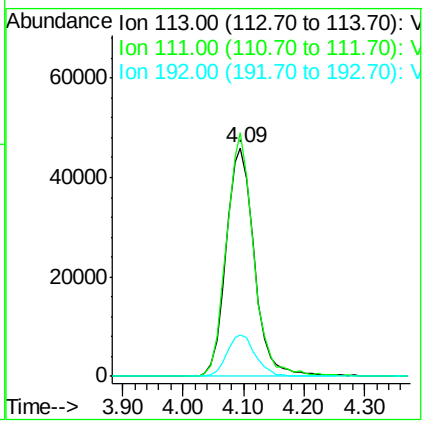


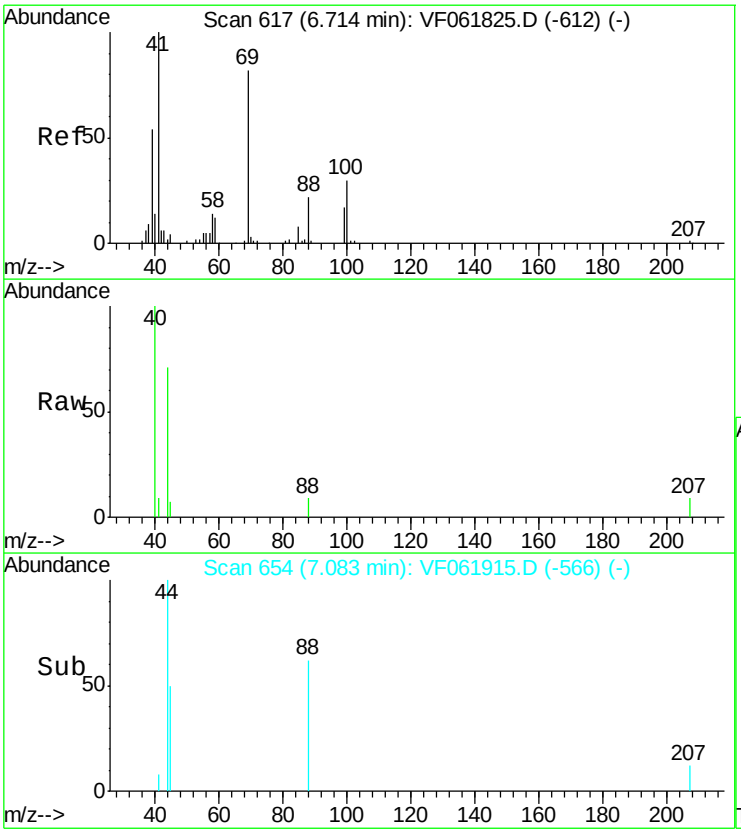
#35
Dibromofluoromethane
Concen: 48.684 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.03 min
Lab File: VF061915.D
Acq: 12 Mar 2019 20:02

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-15-COMP

Tgt Ion:113 Resp: 148140

Ion	Ratio	Lower	Upper
113	100		
111	106.5	77.6	116.4
192	17.8	15.9	23.9

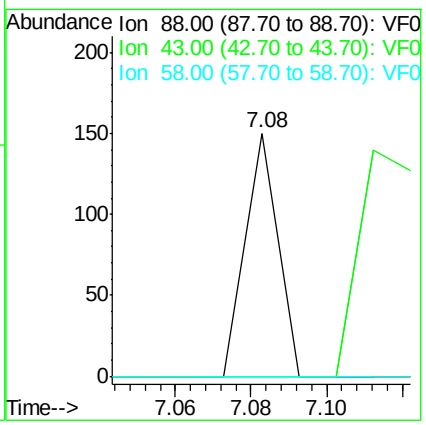


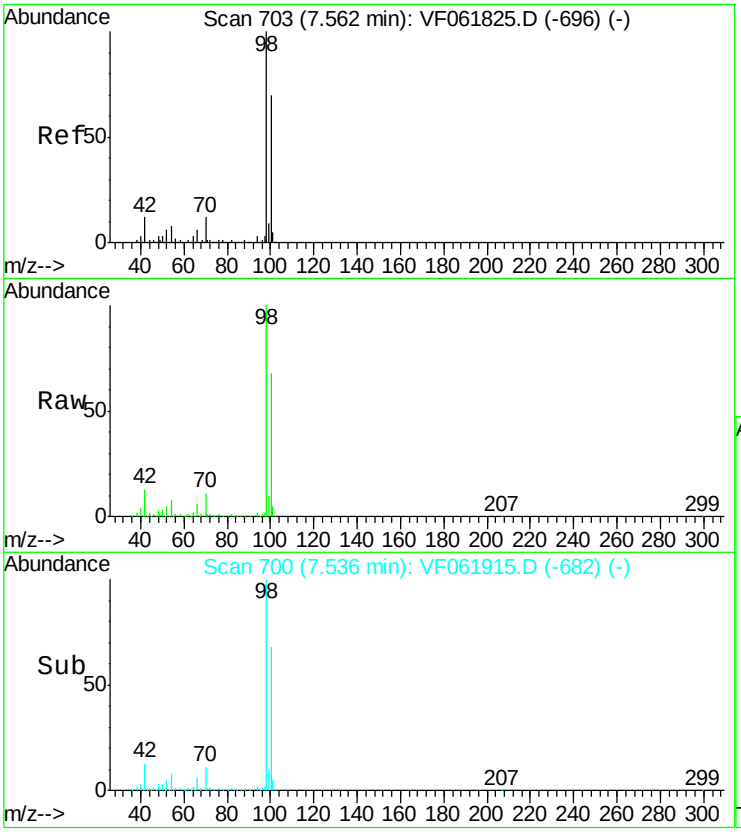


#49
1,4-Dioxane
Concen: 7.219 ug/l
RT: 7.08 min Scan# 654
Delta R.T. 0.37 min
Lab File: VF061915.D
Acq: 12 Mar 2019 20:02

Tgt Ion: 88 Resp: 89

Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.4	42.6#
58	0.0	50.7	76.1#



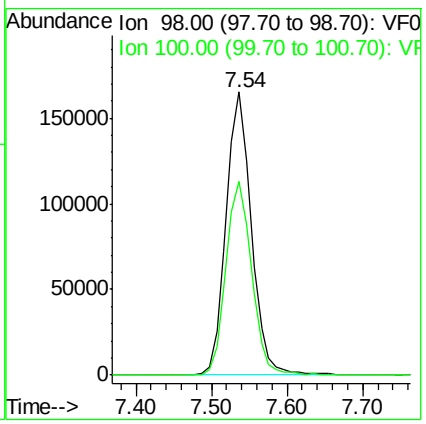


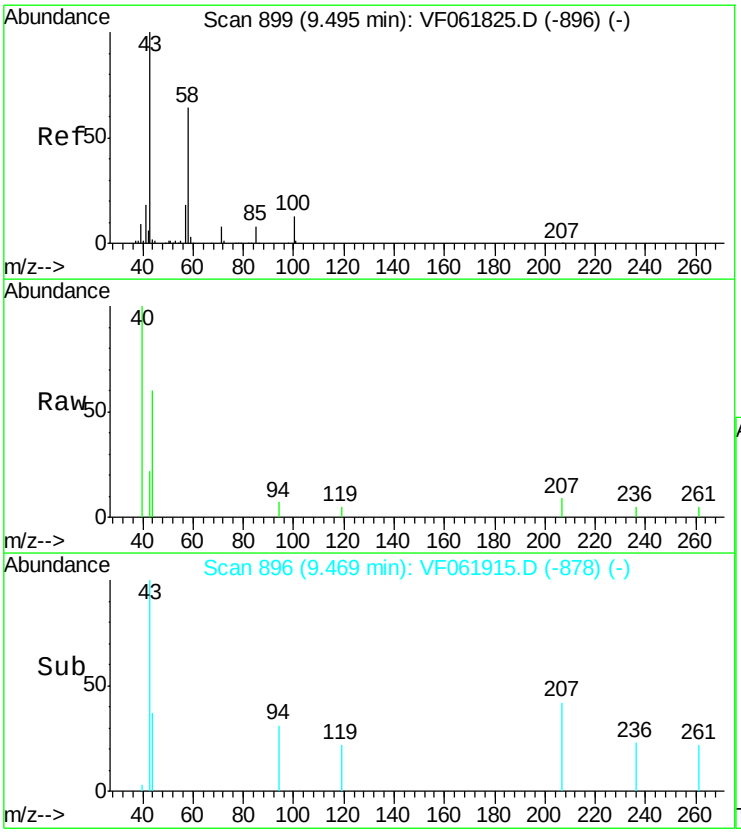
#50
Toluene-d8
Concen: 42.234 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061915.D
Acq: 12 Mar 2019 20:02

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-15-COMP

Tgt Ion: 98 Resp: 381982

Ion	Ratio	Lower	Upper
98	100		
100	68.3	56.0	84.0

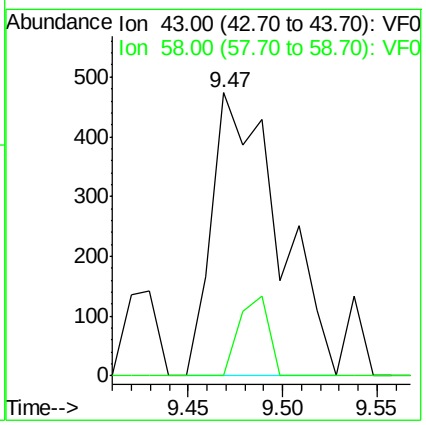


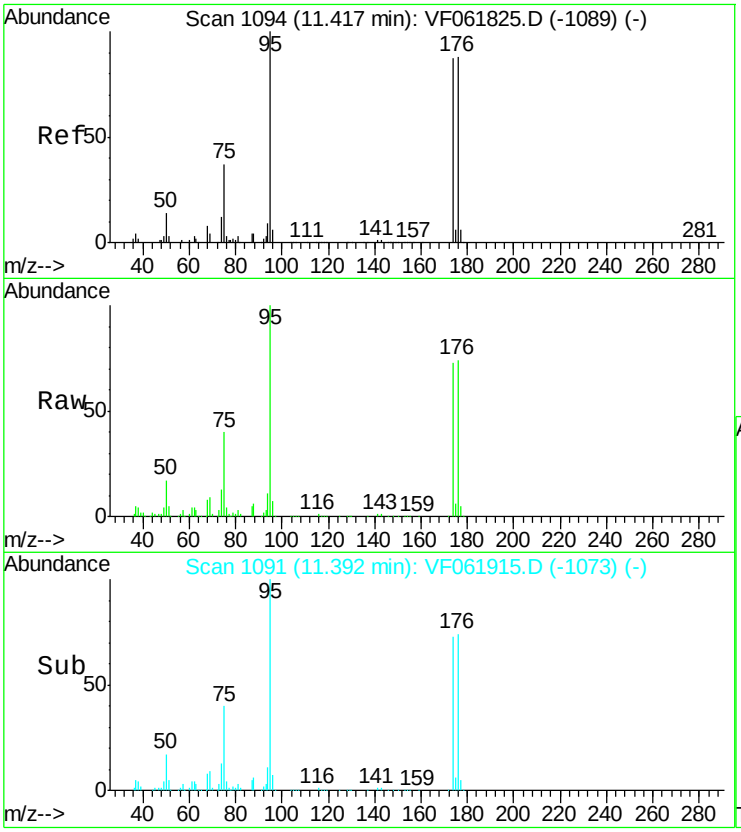


#59
2-Hexanone
Concen: 1.101 ug/l
RT: 9.47 min Scan# 896
Delta R.T. -0.03 min
Lab File: VF061915.D
Acq: 12 Mar 2019 20:02

Tgt Ion: 43 Resp: 1170

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.8	86.4#



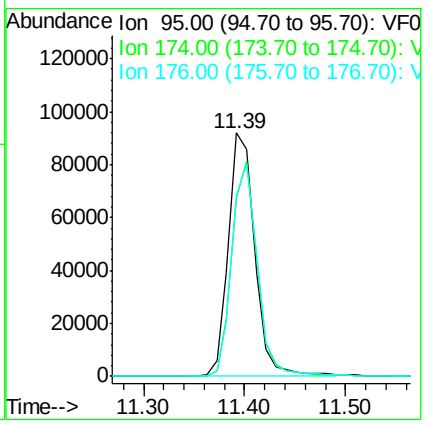


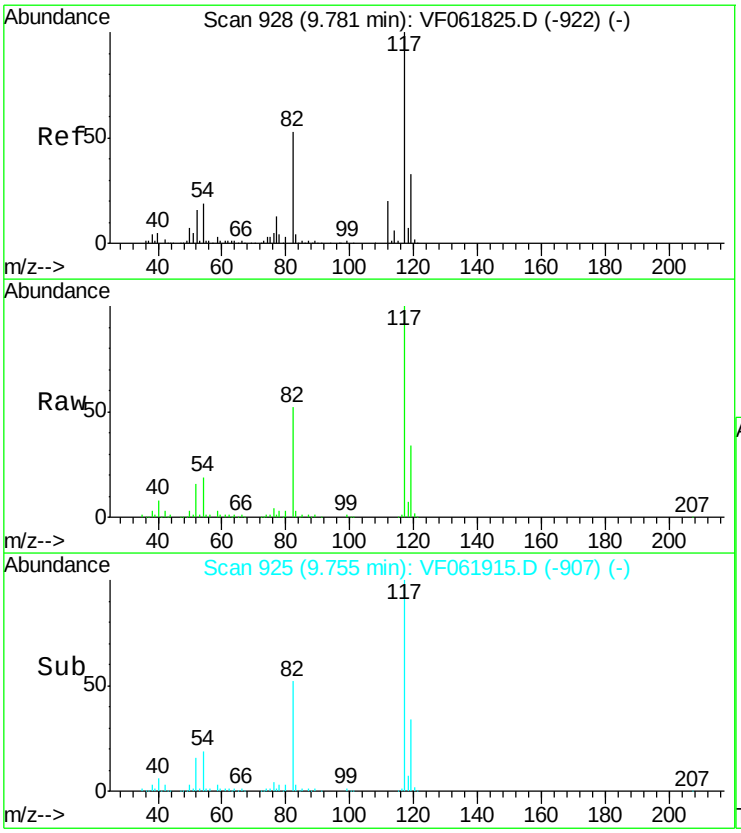
#62
4-Bromofluorobenzene
Concen: 47.242 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.03 min
Lab File: VF061915.D
Acq: 12 Mar 2019 20:02

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-15-COMP

Tgt Ion: 95 Resp: 167372

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	174.0
176	74.2	0.0	175.2

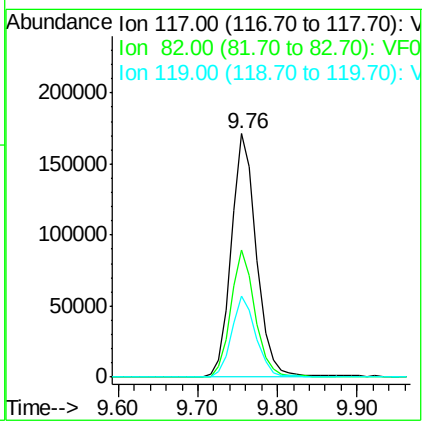


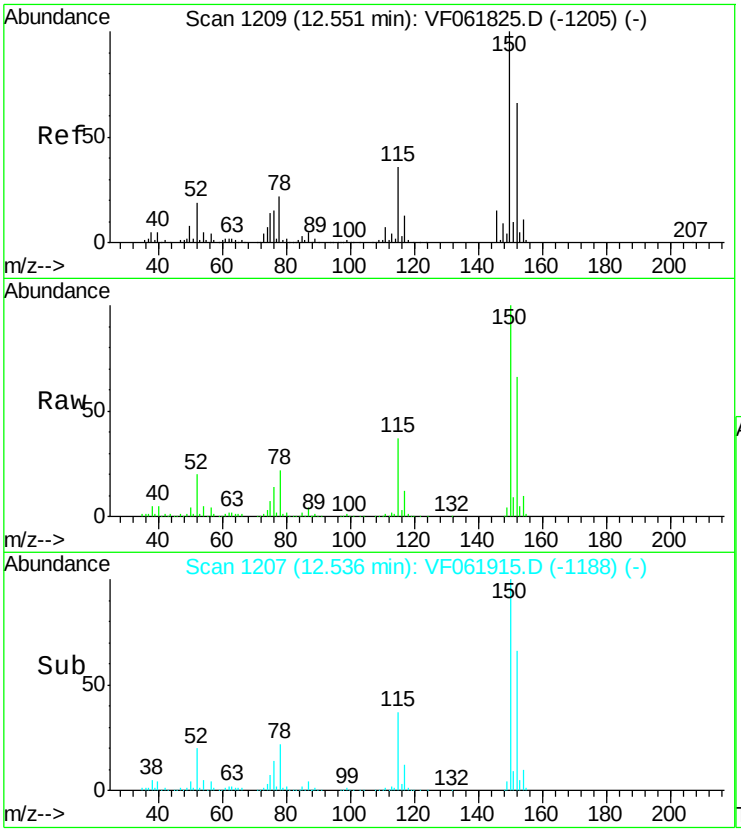


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF061915.D
Acq: 12 Mar 2019 20:02

Tgt Ion:117 Resp: 377869

Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.6	63.8
119	33.5	26.0	39.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF061915.D
Acq: 12 Mar 2019 20:02

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-15-COMP

Tgt Ion:152 Resp: 212224

Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.7	83.1
150	150.7	0.0	304.2