Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021819\
Data File : VF061681.D
Acq On : 18 Feb 2019 16:29
Operator : VA/AP
Sample : K1518-15
Misc : 6.05g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : CABLE-BRIDGE-FOUNDATION-D-8

Quant Time: Feb 19 01:58:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	382282	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	587375	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	479991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	262390	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	117774	42.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.02%			
35) Dibromofluoromethane	4.12	113	178223	40.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.72%			
50) Toluene-d8	7.56	98	442534	35.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 70.58%			
62) 4-Bromofluorobenzene	11.42	95	192113	37.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.74%			
Target Compounds						Qvalue
13) Acrolein	2.06	56	282	1.383	ug/l	92
16) Acetone	2.24	43	11781	19.587	ug/l #	84
18) Methyl Acetate	2.38	43	3333	2.460	ug/l #	59
25) 2-Butanone	4.35	43	1580	1.203	ug/l #	55
29) Tetrahydrofuran	4.09	42	1770	2.964	ug/l #	85

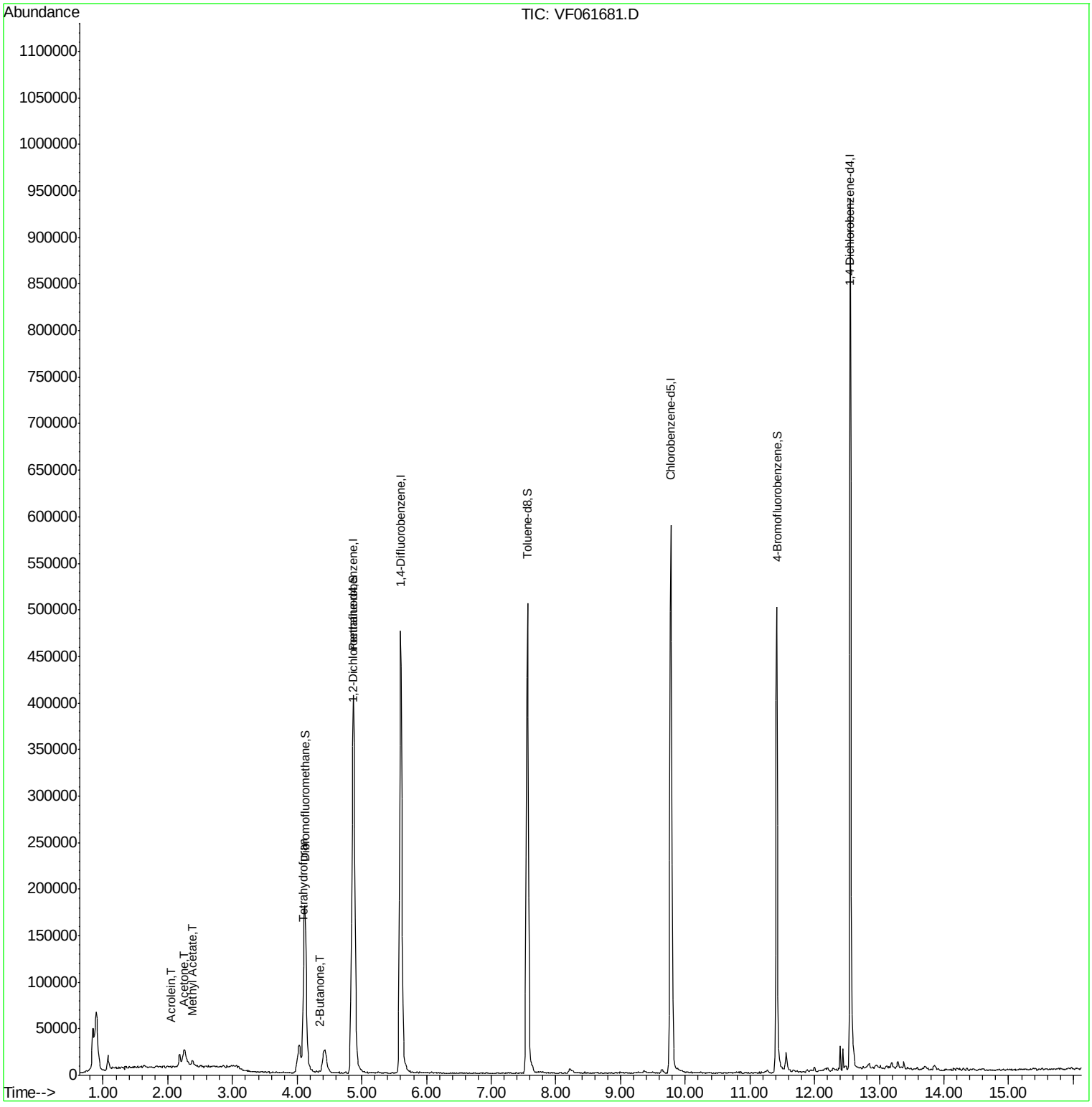
(#) = qualifier out of range (m) = manual integration (+) = signals summed

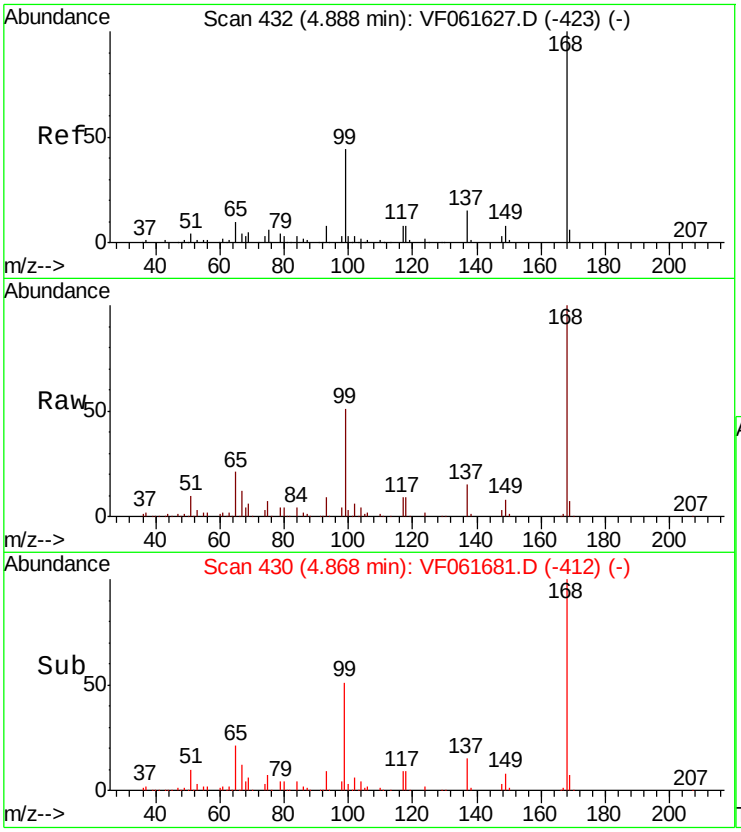
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021819\
Data File : VF061681.D
Acq On : 18 Feb 2019 16:29
Operator : VA/AP
Sample : K1518-15
Misc : 6.05g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

Quant Time: Feb 19 01:58:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration



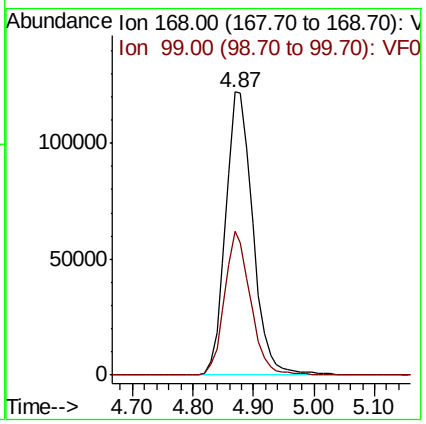


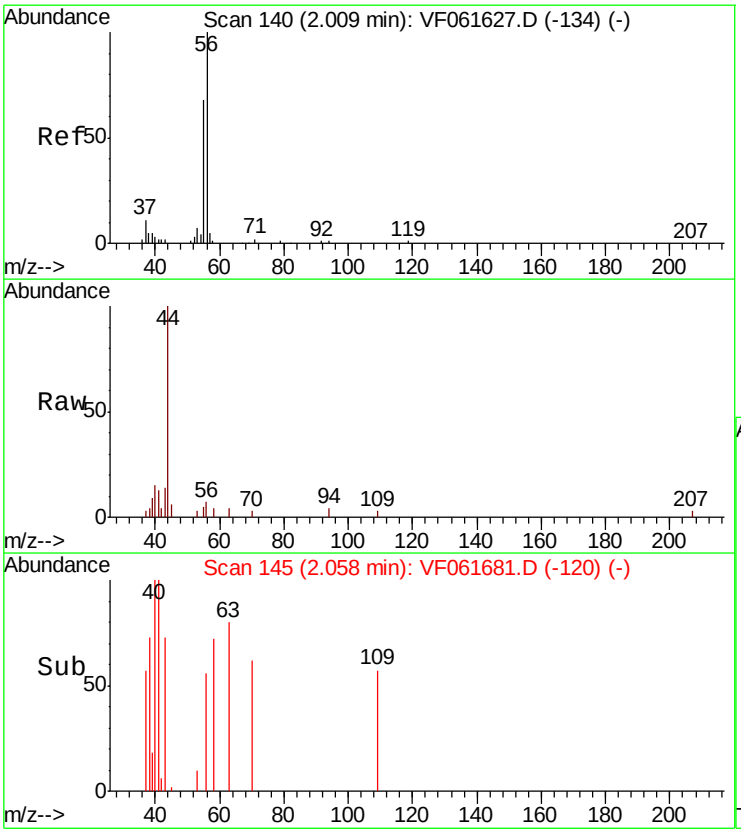
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.02 min
Lab File: VF061681.D
Acq: 18 Feb 2019 16:29

Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

Tgt Ion:168 Resp: 382282

Ion	Ratio	Lower	Upper
168	100		
99	50.7	34.9	52.3

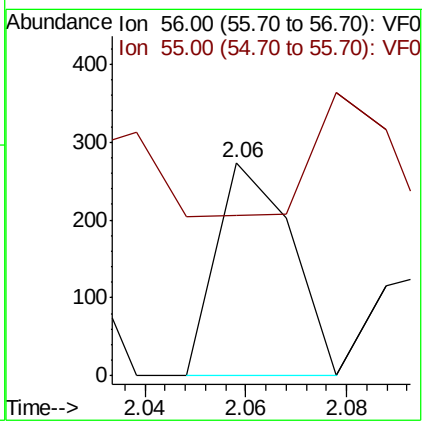


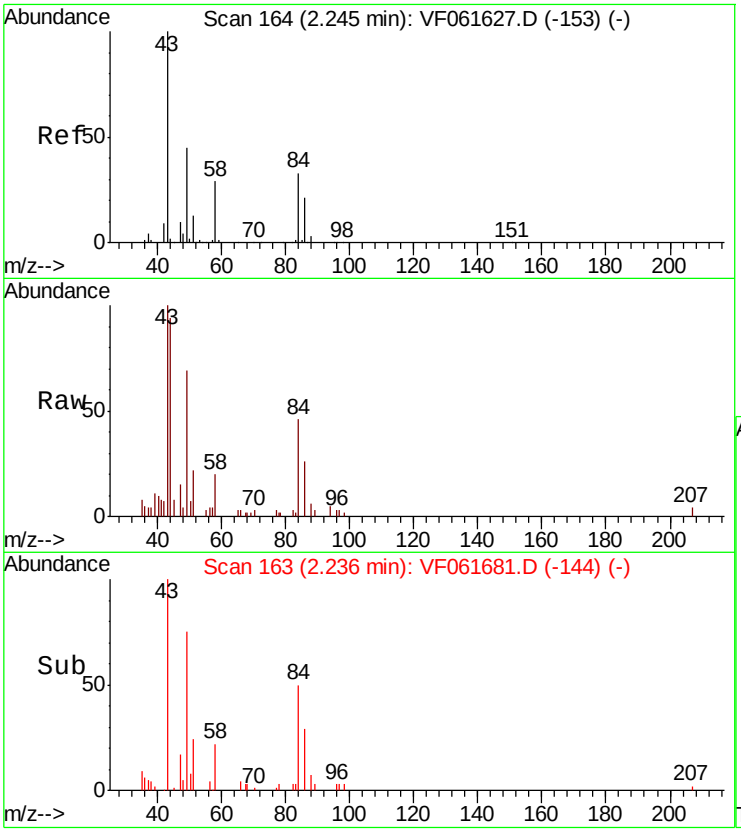


#13
Acrolein
Concen: 1.383 ug/l
RT: 2.06 min Scan# 145
Delta R.T. 0.05 min
Lab File: VF061681.D
Acq: 18 Feb 2019 16:29

Tgt Ion: 56 Resp: 282

Ion	Ratio	Lower	Upper
56	100		
55	75.2	55.0	82.6



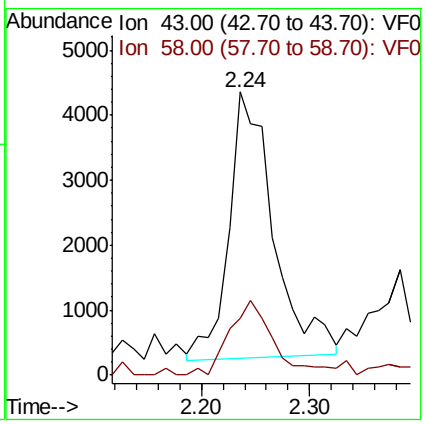


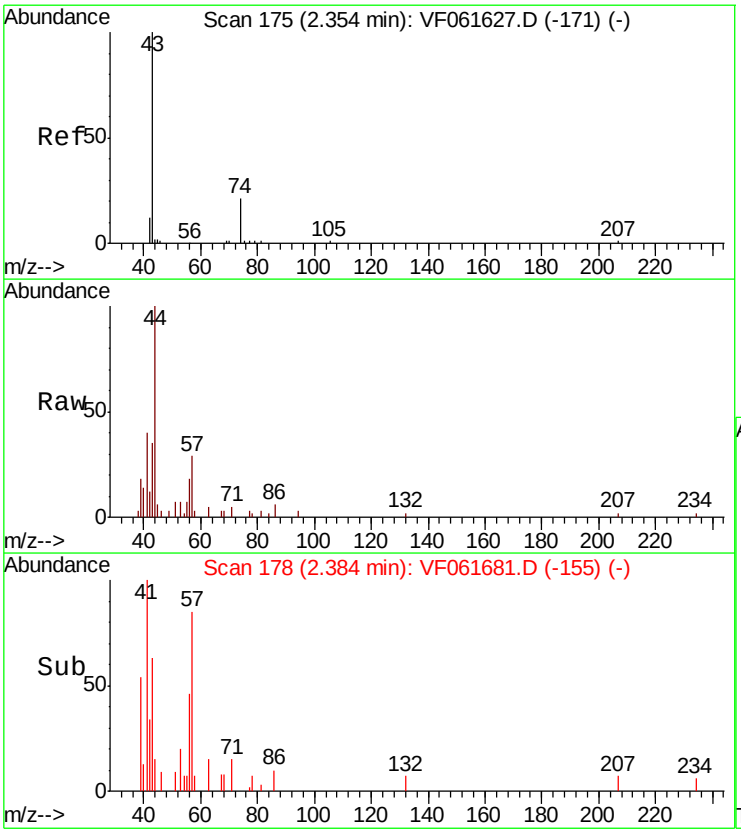
#16
Acetone
Concen: 19.587 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.01 min
Lab File: VF061681.D
Acq: 18 Feb 2019 16:29

Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

Tgt Ion: 43 Resp: 11781

Ion	Ratio	Lower	Upper
43	100		
58	20.1	22.9	34.3#

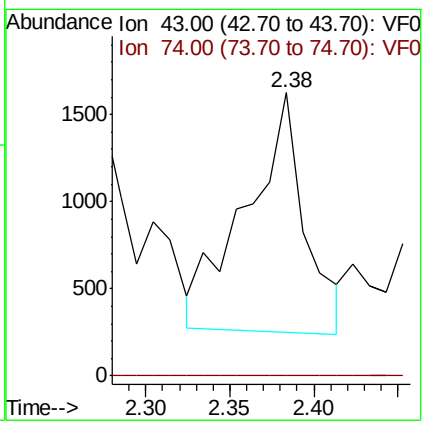


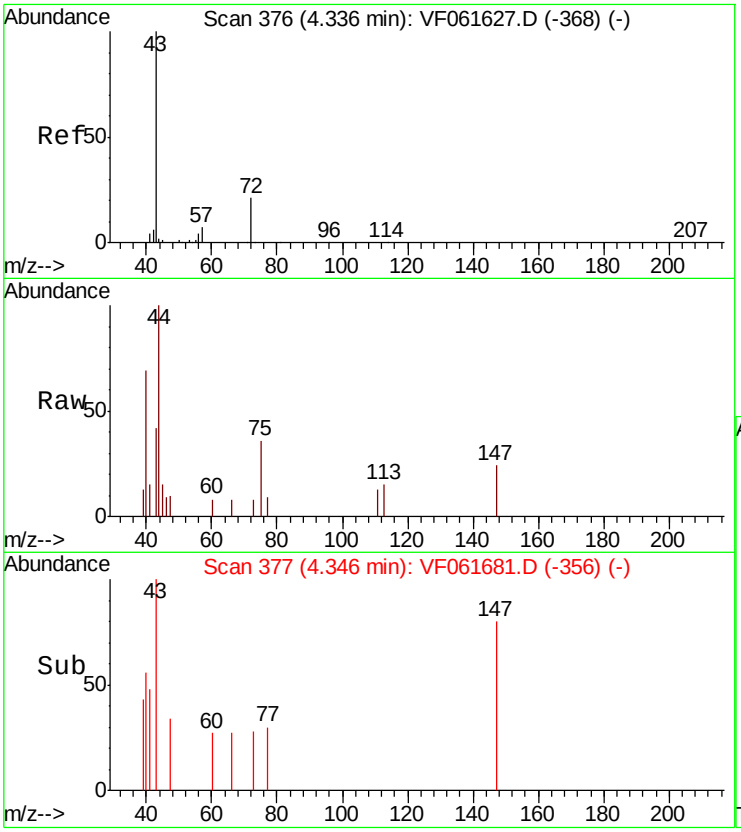


#18
Methyl Acetate
Concen: 2.460 ug/l
RT: 2.38 min Scan# 178
Delta R.T. 0.03 min
Lab File: VF061681.D
Acq: 18 Feb 2019 16:29

Tgt Ion: 43 Resp: 3333

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.6	21.8#



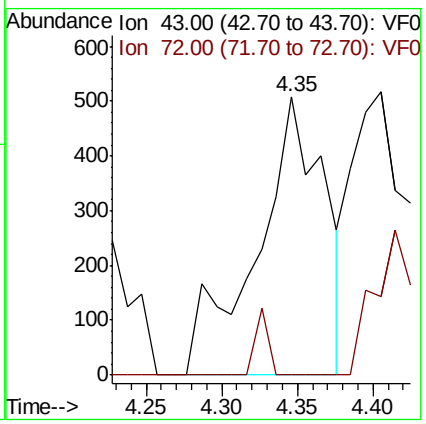


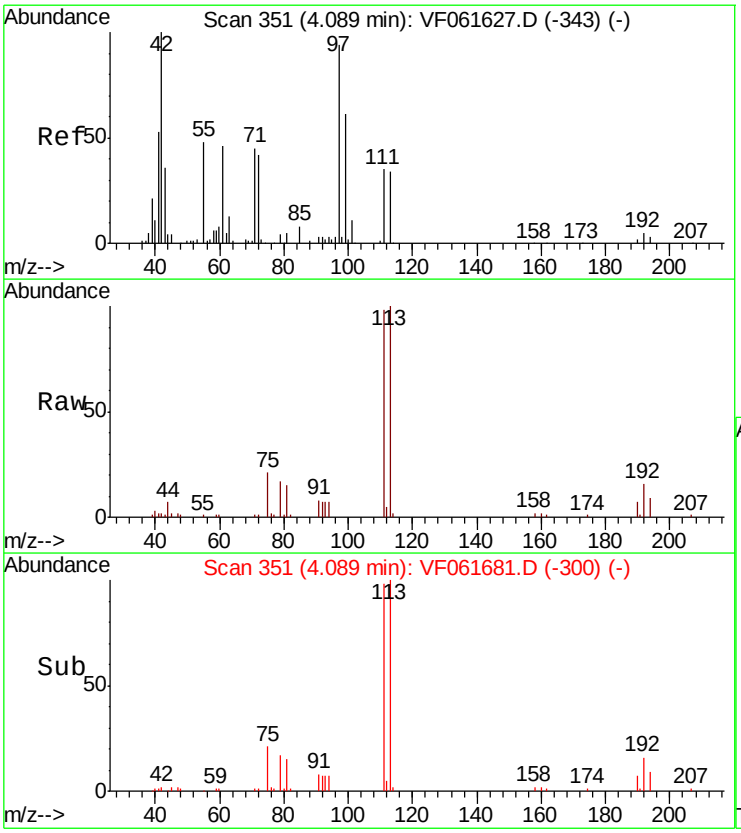
#25
2-Butanone
Concen: 1.203 ug/l
RT: 4.35 min Scan# 377
Delta R.T. 0.01 min
Lab File: VF061681.D
Acq: 18 Feb 2019 16:29

Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

Tgt Ion: 43 Resp: 1580

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.1	25.7#

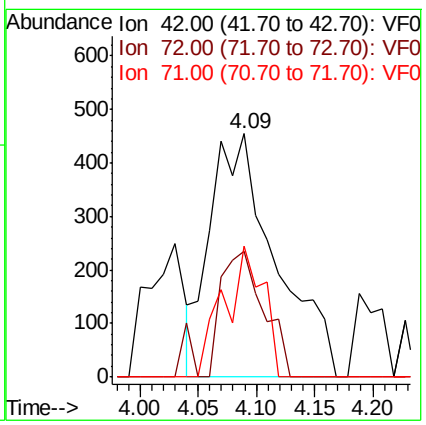


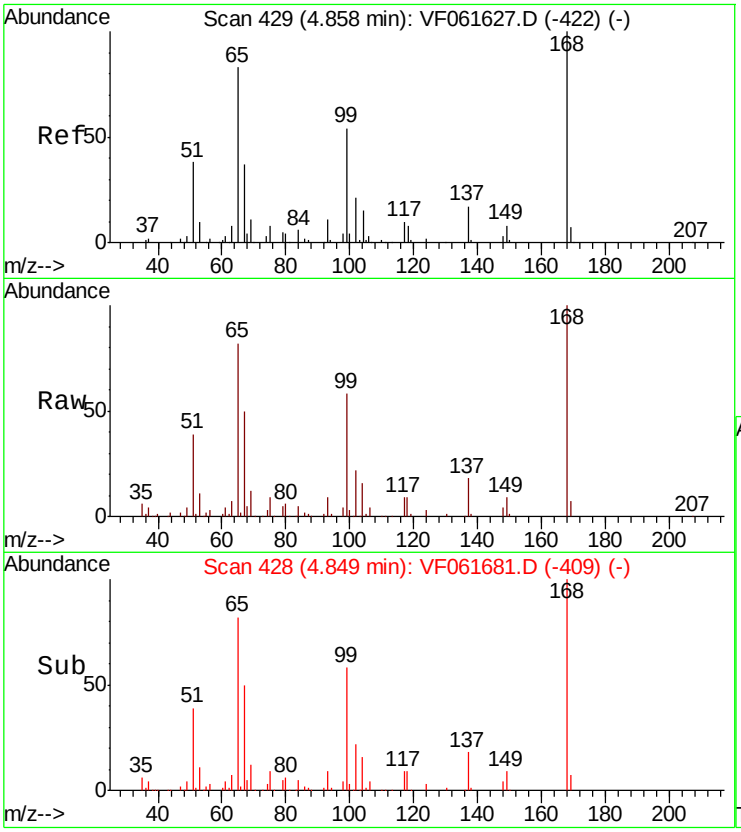


#29
Tetrahydrofuran
Concen: 2.964 ug/l
RT: 4.09 min Scan# 351
Delta R.T. 0.00 min
Lab File: VF061681.D
Acq: 18 Feb 2019 16:29

Tgt Ion: 42 Resp: 1770

Ion	Ratio	Lower	Upper
42	100		
72	33.6	35.2	52.8#
71	32.1	32.9	49.3#



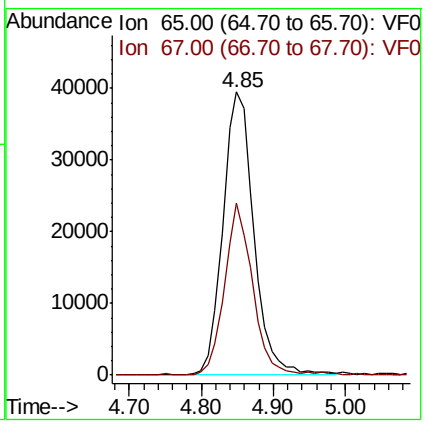


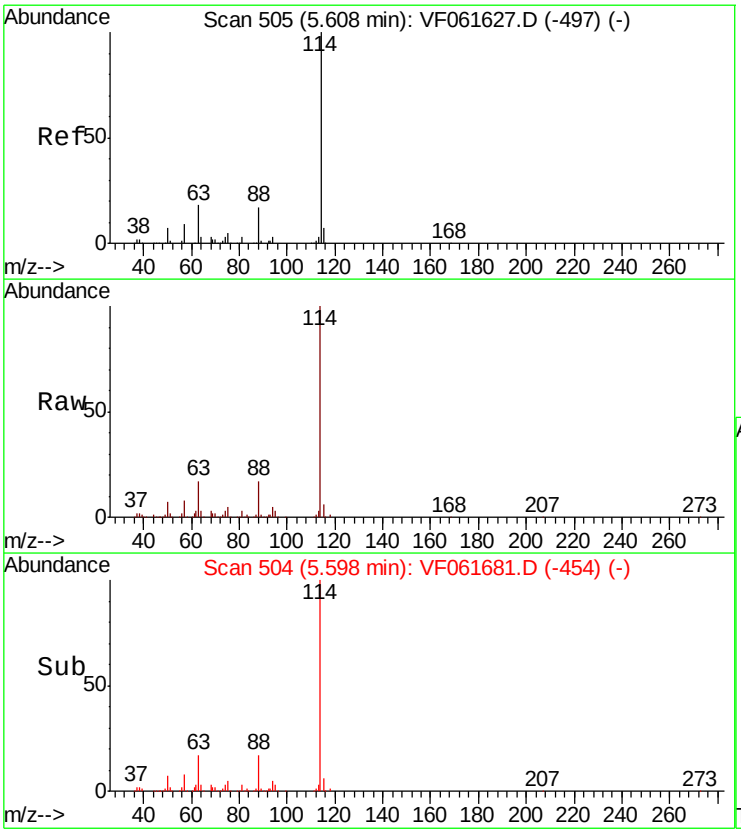
#33
1,2-Dichloroethane-d4
Concen: 42.012 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF061681.D
Acq: 18 Feb 2019 16:29

Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

Tgt Ion: 65 Resp: 117774

Ion	Ratio	Lower	Upper
65	100		
67	60.7	0.0	104.0

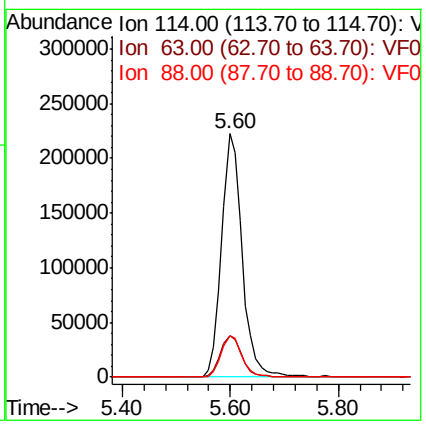


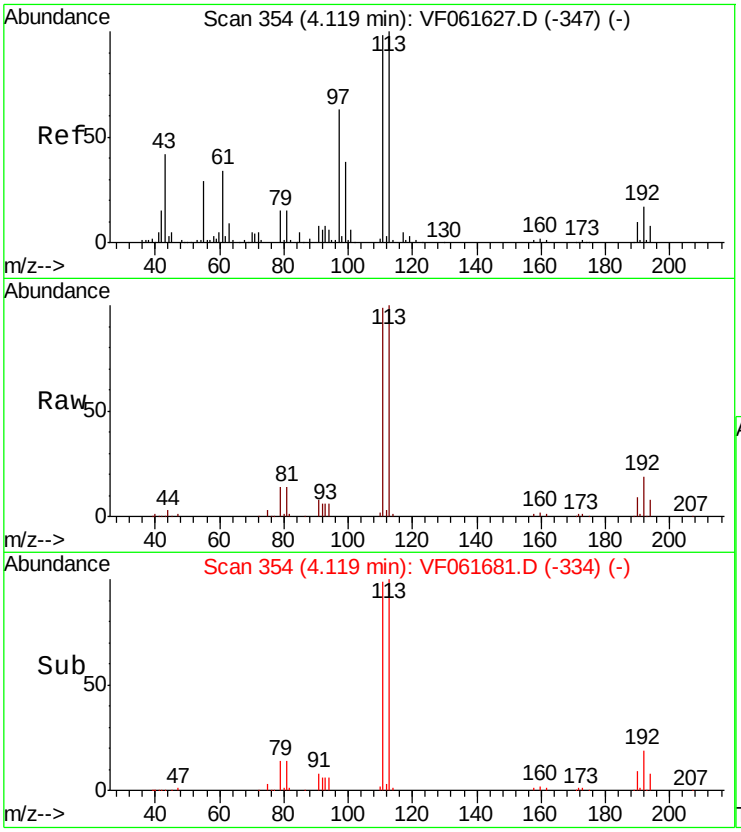


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.01 min
Lab File: VF061681.D
Acq: 18 Feb 2019 16:29

Tgt Ion:114 Resp: 587375

Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	36.6
88	16.8	0.0	34.4



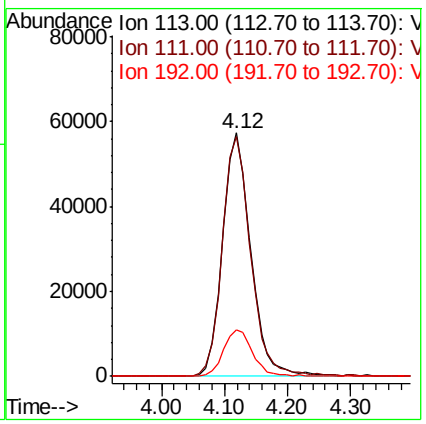


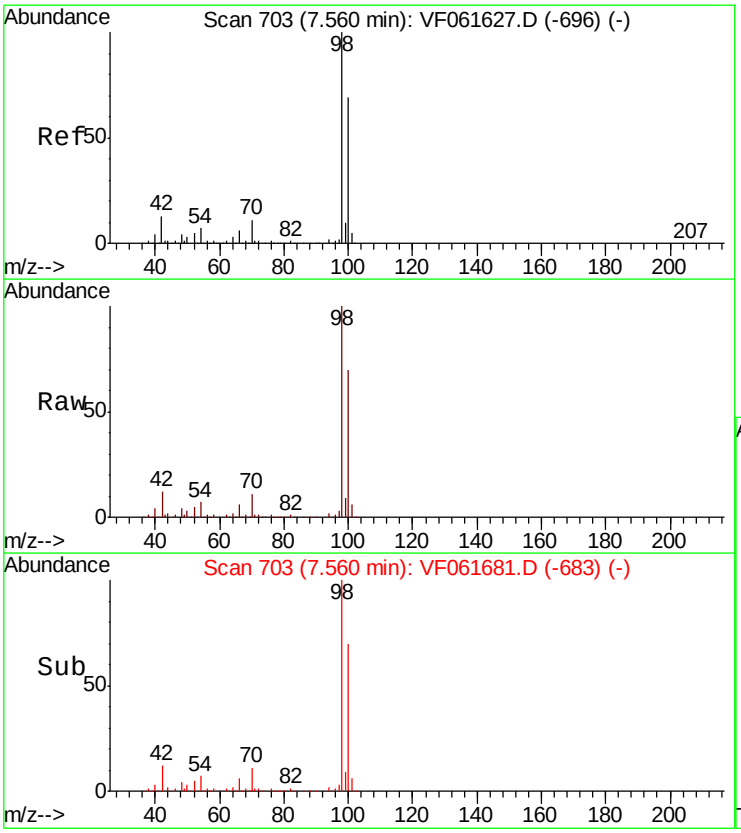
#35
Dibromofluoromethane
Concen: 40.859 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.00 min
Lab File: VF061681.D
Acq: 18 Feb 2019 16:29

Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

Tgt Ion:113 Resp: 178223

Ion	Ratio	Lower	Upper
113	100		
111	98.6	78.8	118.2
192	19.5	13.4	20.0

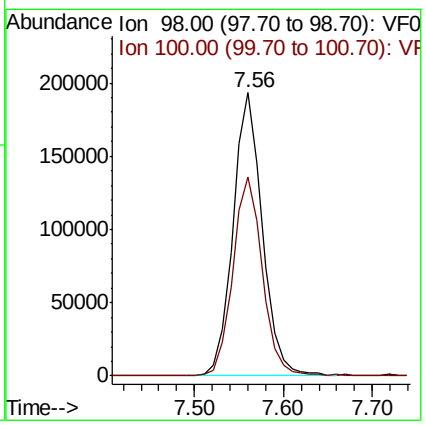


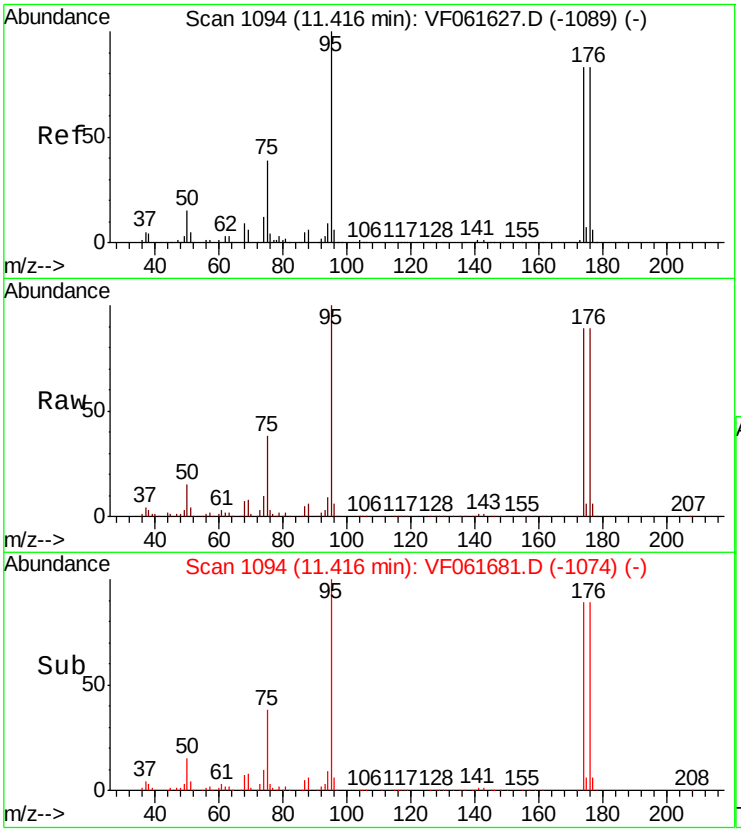


#50
Toluene-d8
Concen: 35.292 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF061681.D
Acq: 18 Feb 2019 16:29

Tgt Ion: 98 Resp: 442534

Ion	Ratio	Lower	Upper
98	100		
100	70.4	55.4	83.2



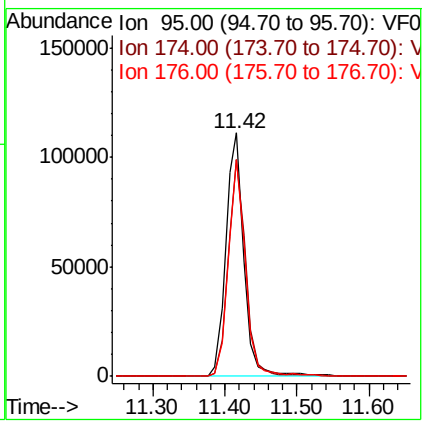


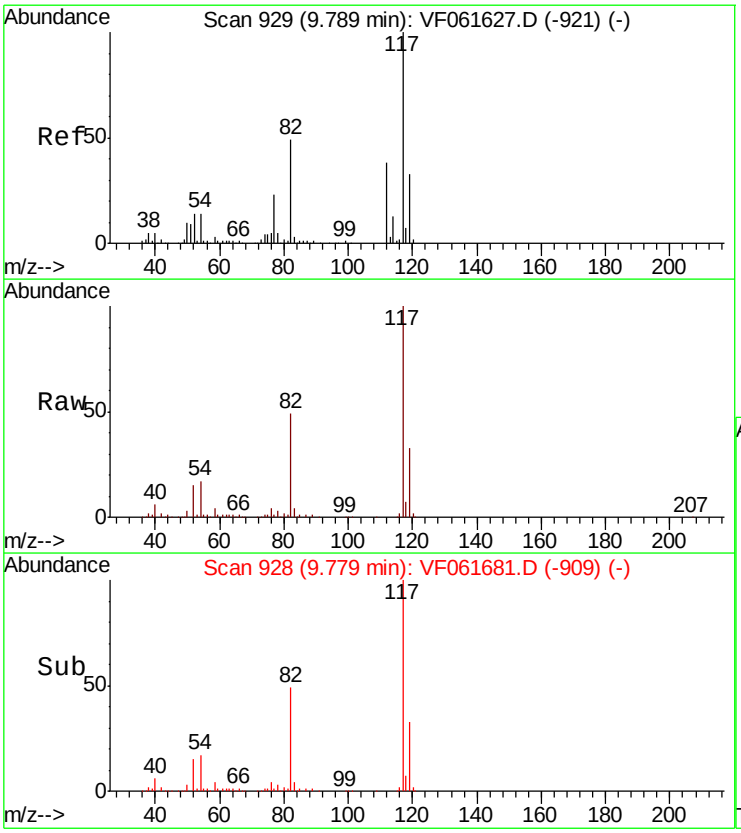
#62
4-Bromofluorobenzene
Concen: 37.865 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF061681.D
Acq: 18 Feb 2019 16:29

Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

Tgt Ion: 95 Resp: 192113

Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	165.8
176	89.0	0.0	167.0

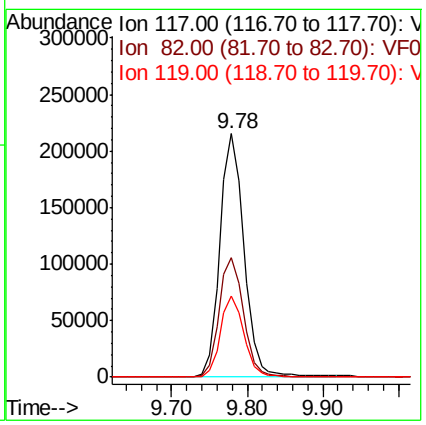


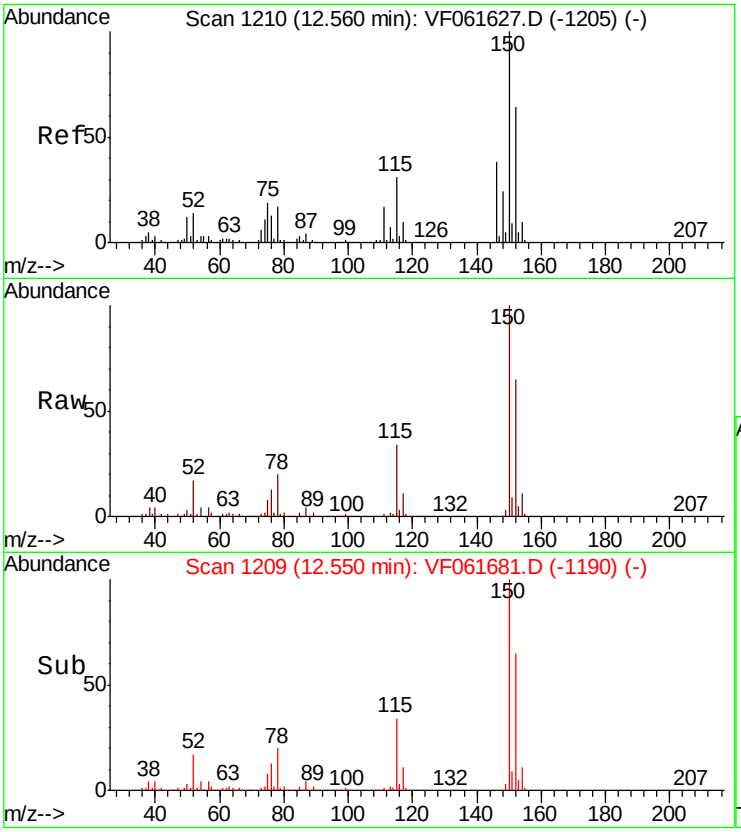


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF061681.D
Acq: 18 Feb 2019 16:29

Tgt Ion:117 Resp: 479991

Ion	Ratio	Lower	Upper
117	100		
82	48.9	39.3	58.9
119	33.4	26.6	40.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF061681.D
Acq: 18 Feb 2019 16:29

Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-8

Tgt Ion:152 Resp: 262390

Ion	Ratio	Lower	Upper
152	100		
115	52.8	24.3	72.8
150	153.6	0.0	312.0