Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF050819\
Data File : VF062381.D
Acq On : 8 May 2019 17:04
Operator : FY/SY
Sample : K2673-13RE
Misc : 5.06g/5mL/MSVOA_F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-17-1.0-1.5RE

Quant Time: May 09 05:24:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	267064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	350672	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.89	117	236319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	101495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	134337	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.46%			
35) Dibromofluoromethane	4.29	113	26008	9.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 18.62%			
50) Toluene-d8	7.70	98	268644	39.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.44%			
62) 4-Bromofluorobenzene	11.48	95	105321	34.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 69.04%			
Target Compounds						Qvalue
16) Acetone	2.34	43	18934	37.085	ug/l	93
20) Methylene Chloride	2.32	84	25031m	13.551	ug/l	
95) Naphthalene	14.49	128	6517	1.731	ug/l #	81

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

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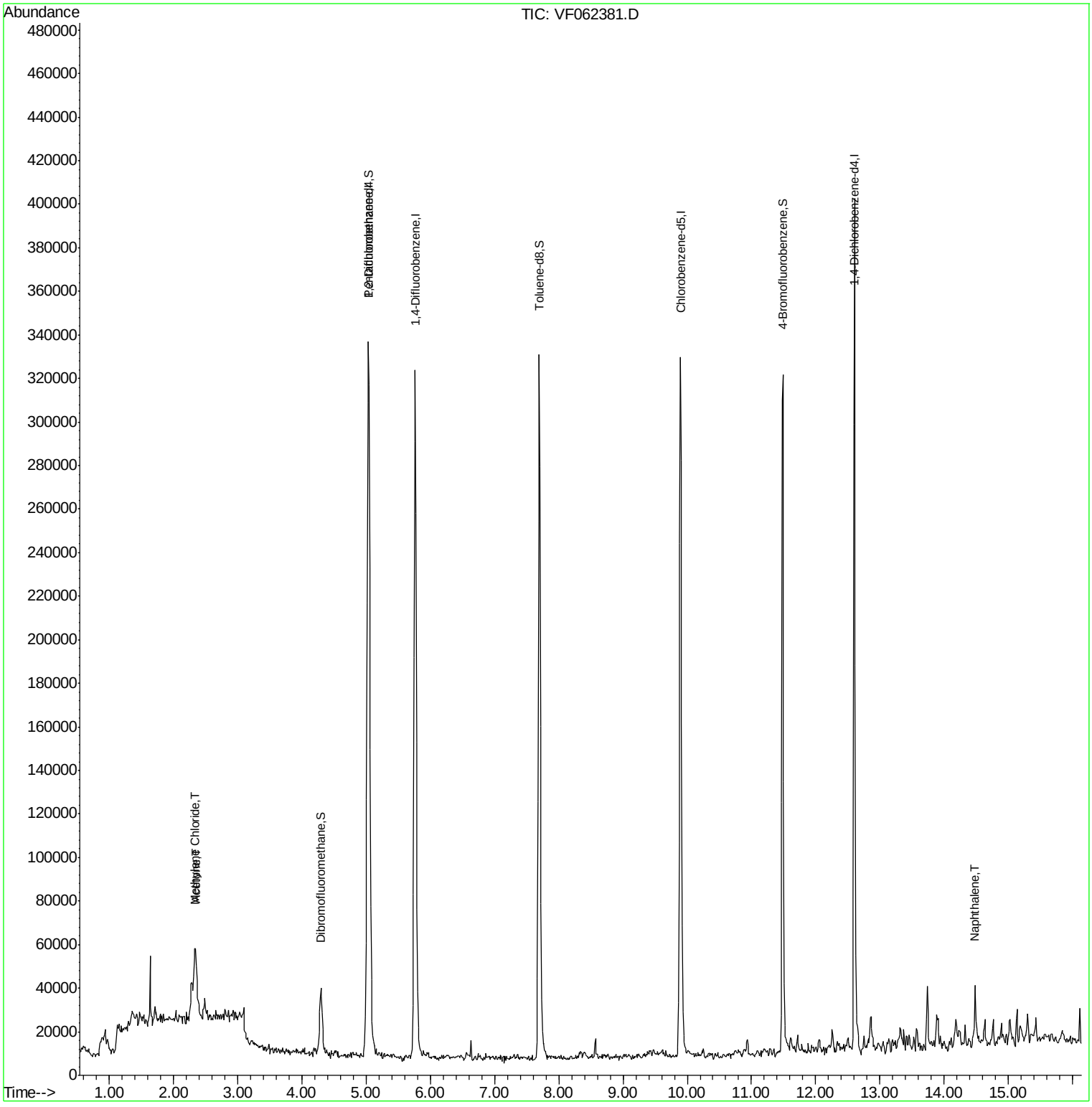
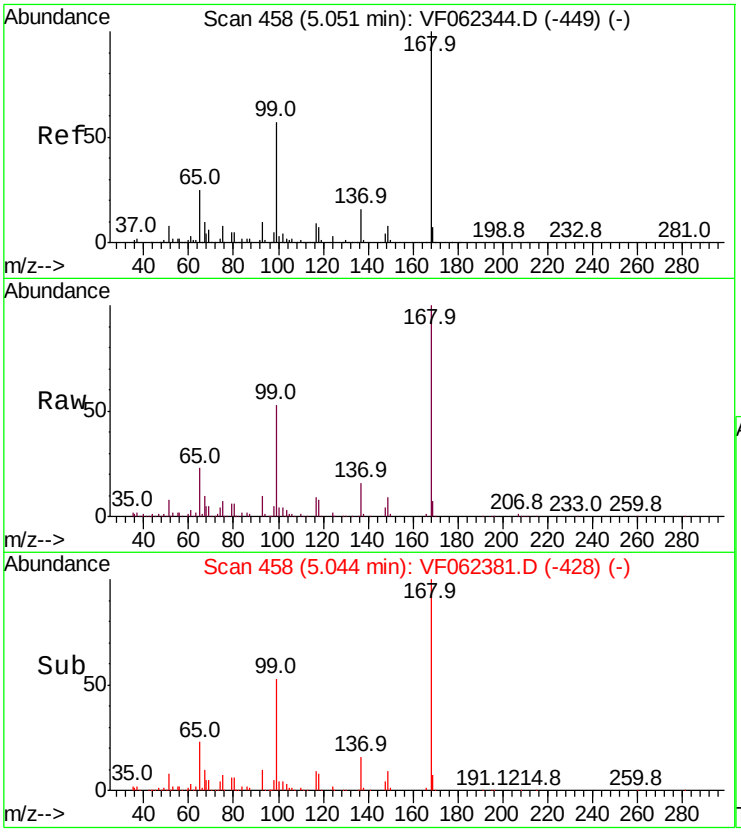
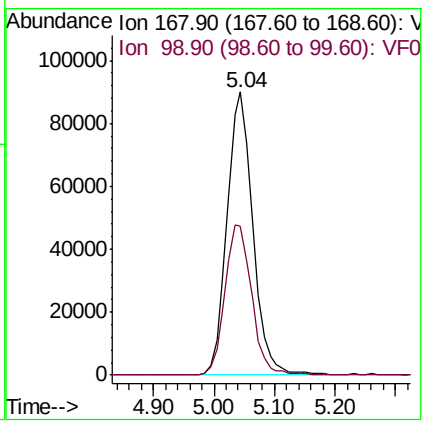




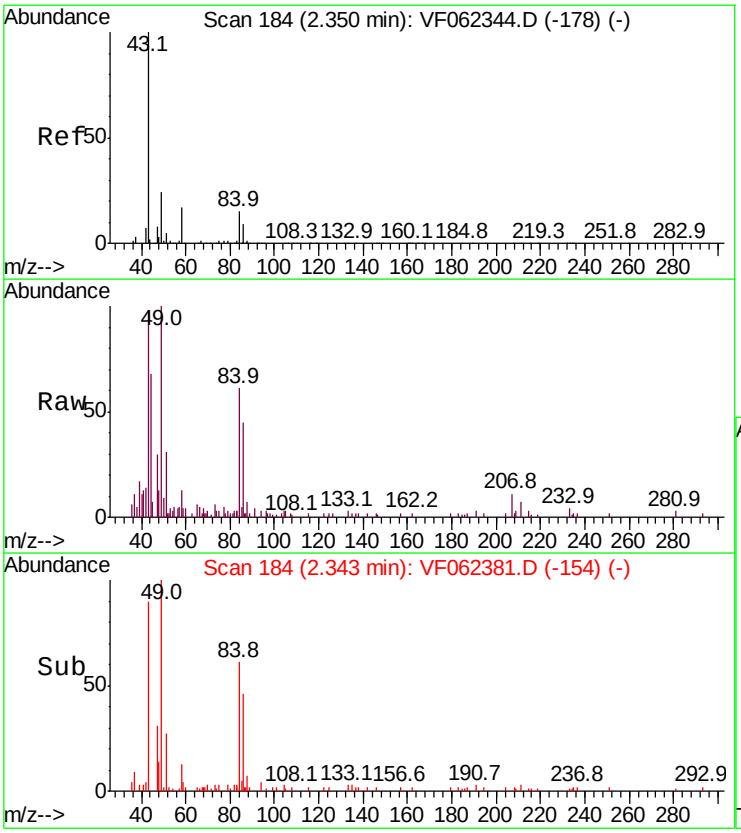
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 458
Delta R.T. -0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Tgt Ion:168 Resp: 267064

Ion	Ratio	Lower	Upper
168	100		
99	52.5	45.9	68.9



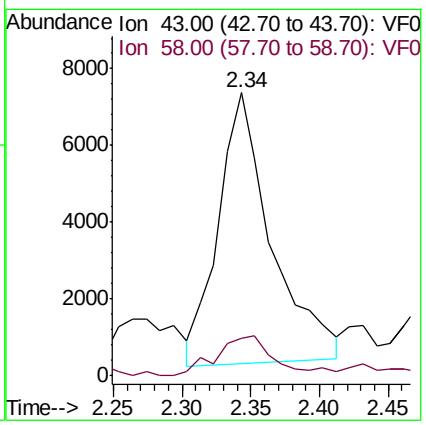
Instrument :
MSVOA_F
ClientSampleId :
SB-17-1.0-1.5RE

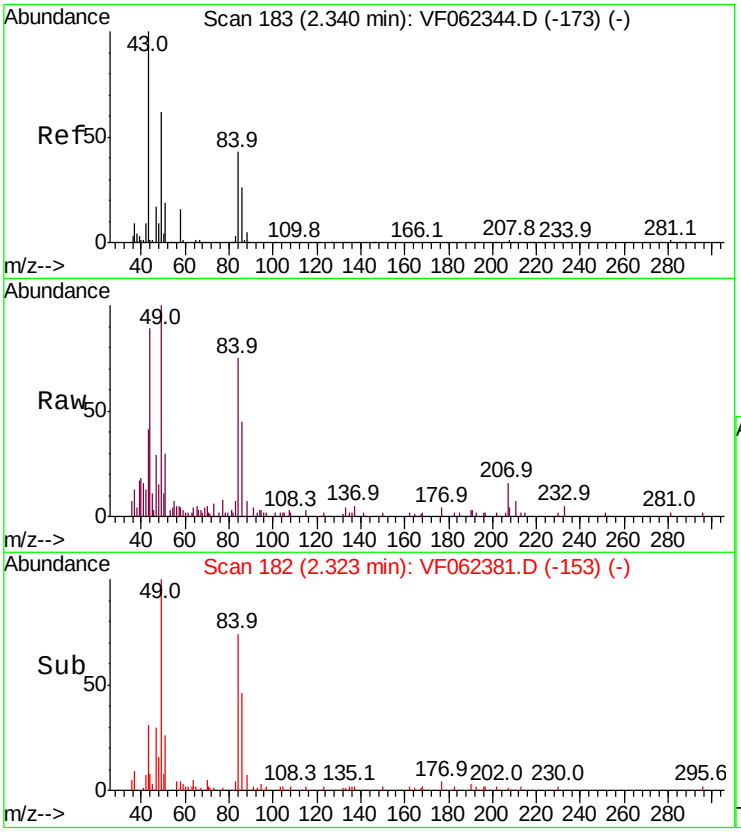


#16
Acetone
Concen: 37.085 ug/l
RT: 2.34 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Tgt Ion: 43 Resp: 18934

Ion	Ratio	Lower	Upper
43	100		
58	13.3	13.1	19.7



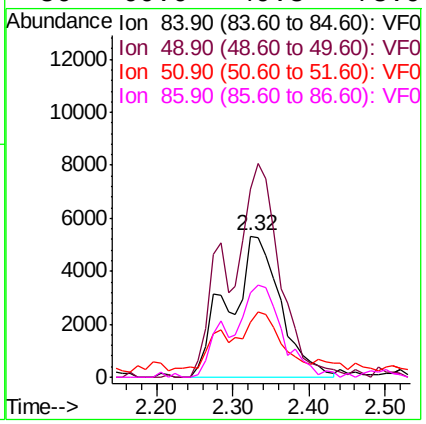


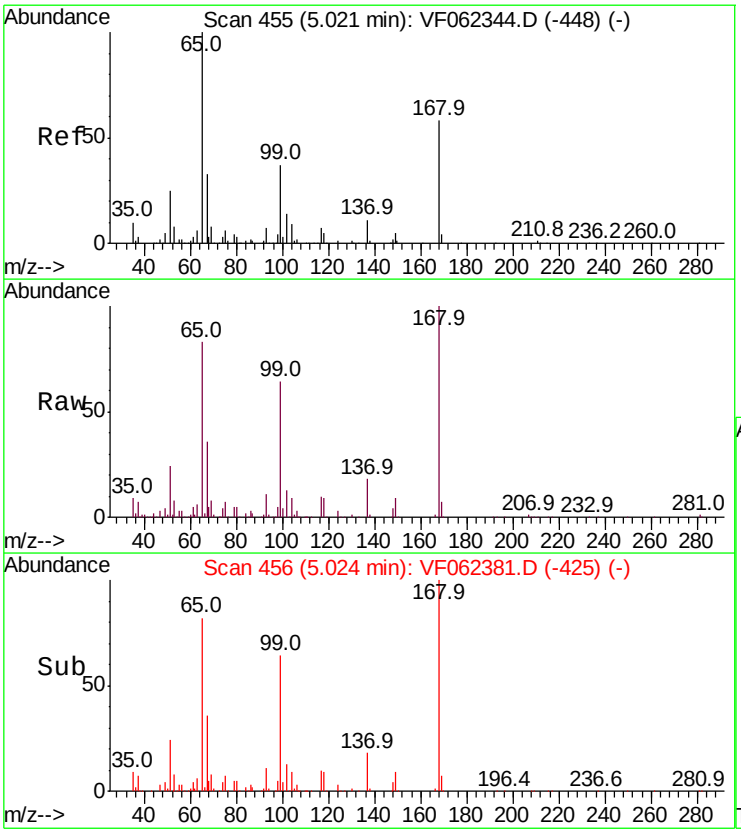
#20
Methylene Chloride
Concen: 13.551 ug/l m
RT: 2.32 min Scan# 182
Delta R.T. -0.02 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Instrument : MSVOA_F
ClientSampleId : SB-17-1.0-1.5RE

Tgt Ion: 84 Resp: 25031

Ion	Ratio	Lower	Upper
84	100		
49	133.1	117.5	176.3
51	39.4	37.0	55.4
86	60.0	49.3	73.9

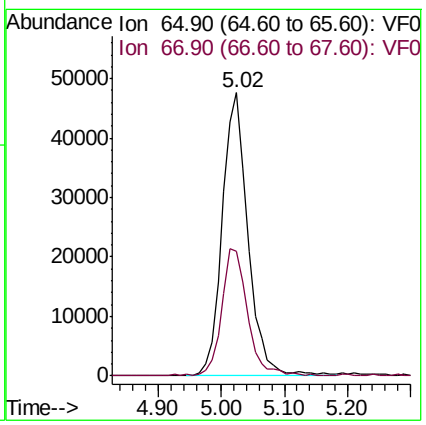


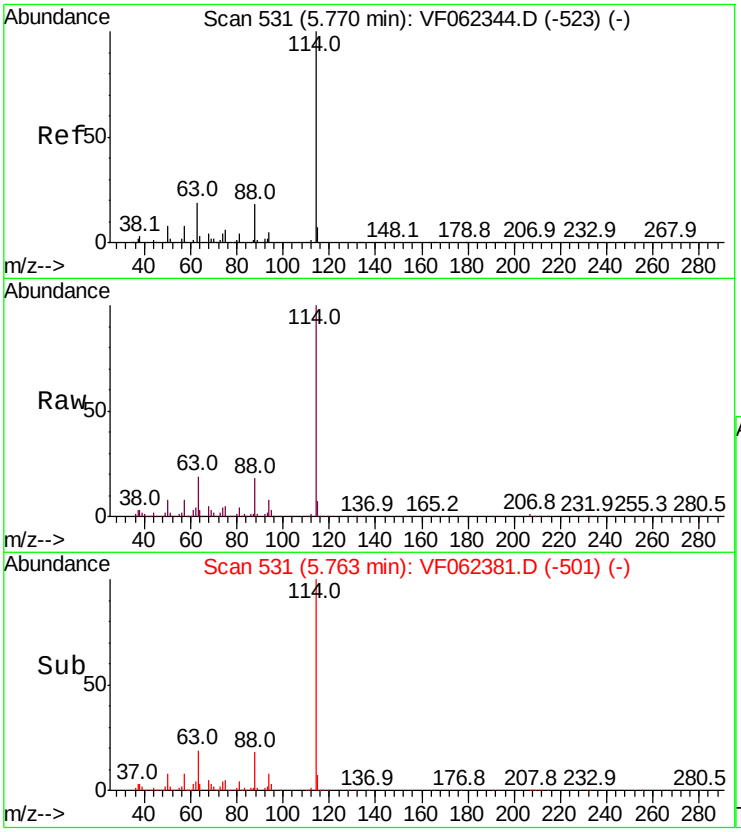


#33
1,2-Dichloroethane-d4
Concen: 53.227 ug/l
RT: 5.02 min Scan# 456
Delta R.T. 0.00 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Tgt Ion: 65 Resp: 134337

Ion	Ratio	Lower	Upper
65	100		
67	44.8	0.0	85.8



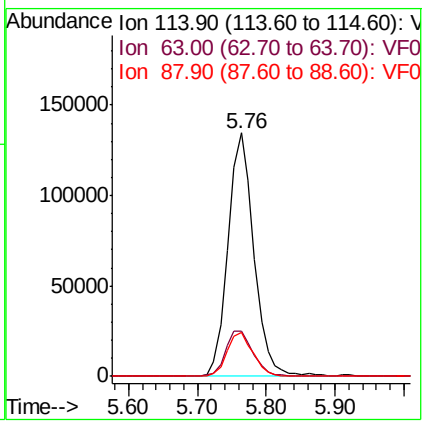


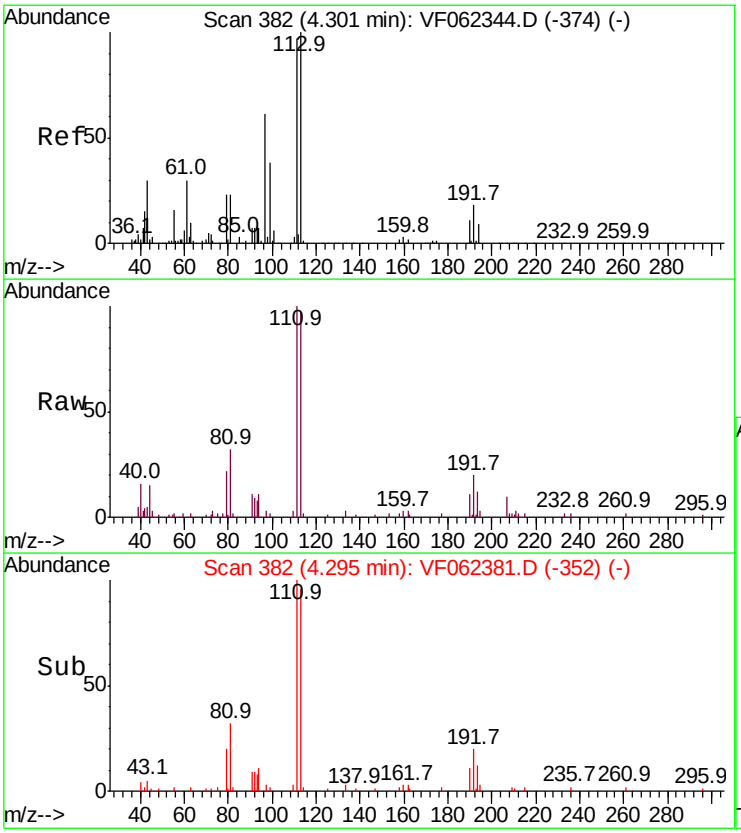
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 531
Delta R.T. -0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Instrument : MSVOA_F
ClientSampleId : SB-17-1.0-1.5RE

Tgt Ion:114 Resp: 350672

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	37.4
88	17.8	0.0	36.4

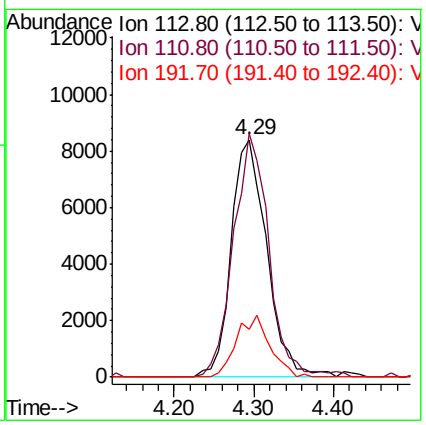


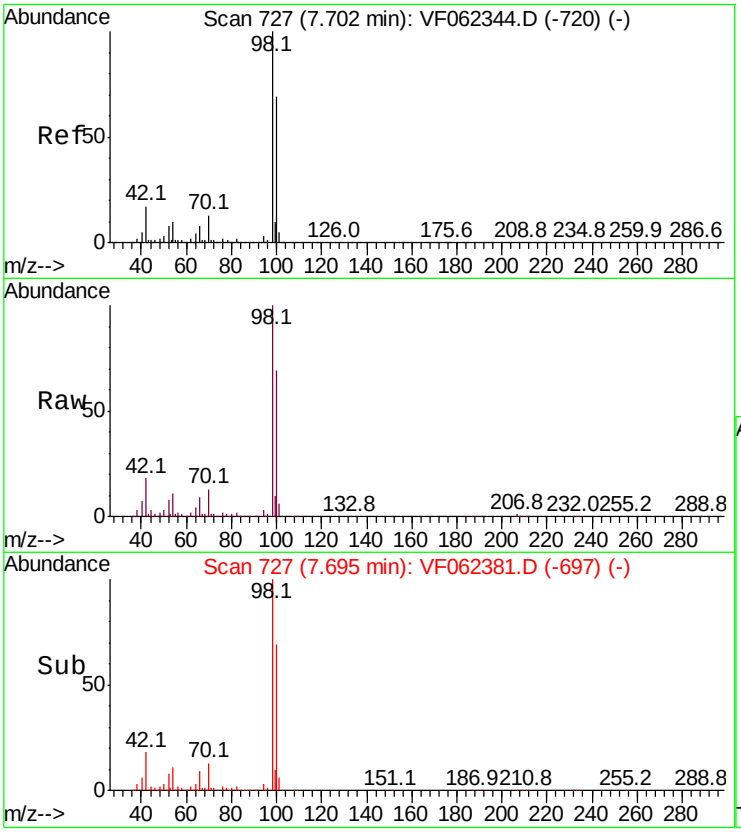


#35
Dibromofluoromethane
Concen: 9.309 ug/l
RT: 4.29 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Tgt Ion:113 Resp: 26008

Ion	Ratio	Lower	Upper
113	100		
111	102.3	79.4	119.0
192	24.3	16.0	24.0#



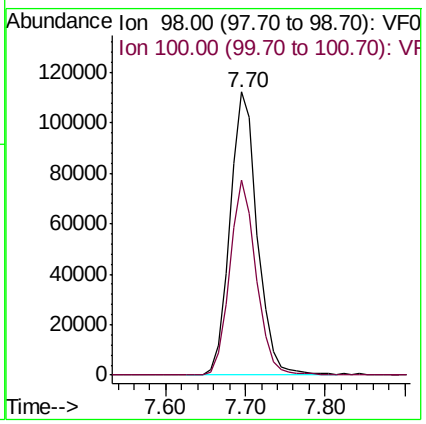


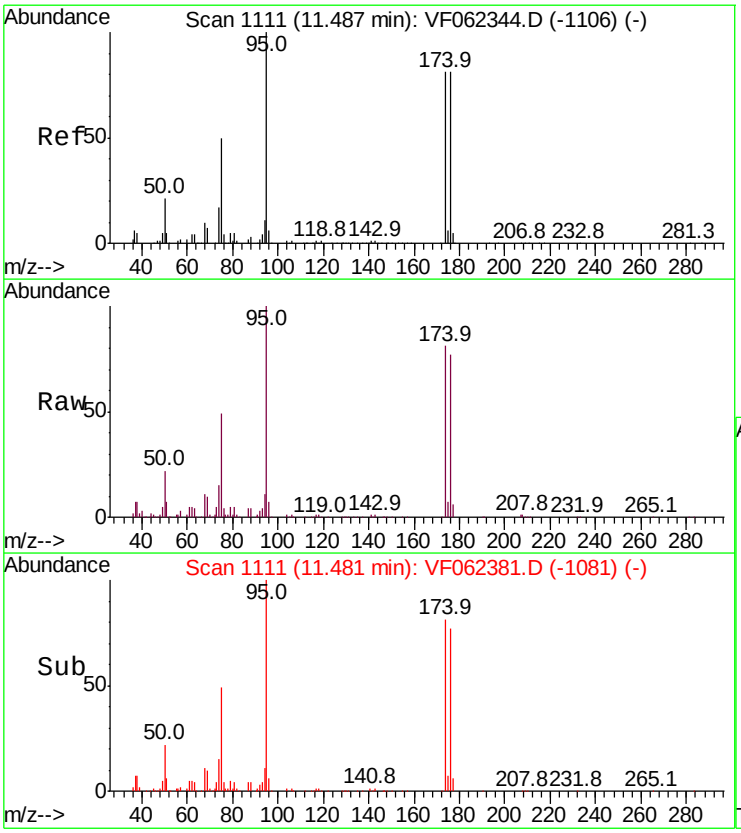
#50
Toluene-d8
Concen: 39.724 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Instrument :
MSVOA_F
ClientSampleId :
SB-17-1.0-1.5RE

Tgt Ion: 98 Resp: 268644

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.3	79.9

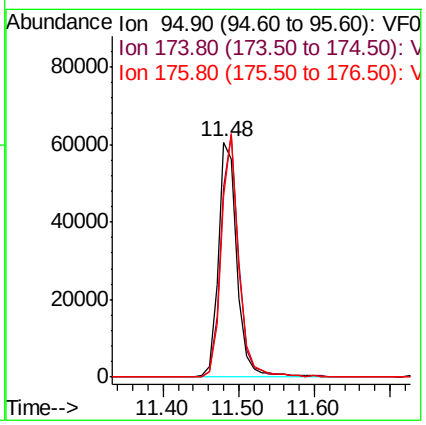


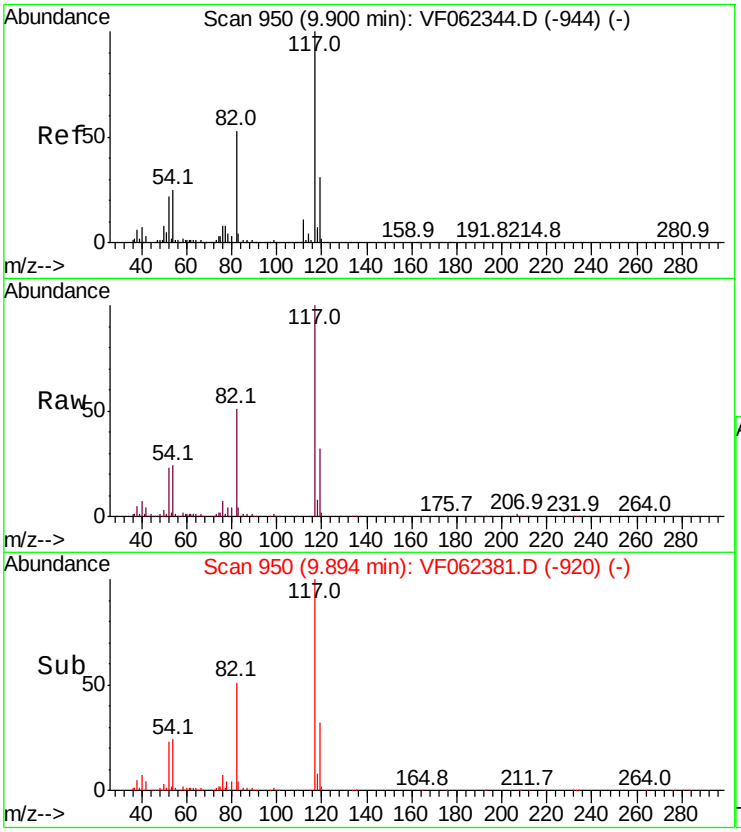


#62
4-Bromofluorobenzene
Concen: 34.519 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Tgt Ion: 95 Resp: 105321

Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	191.8
176	95.3	0.0	193.2



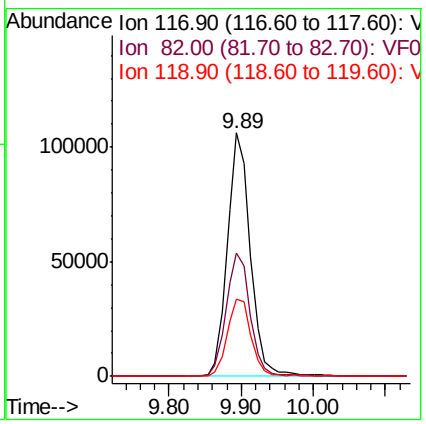


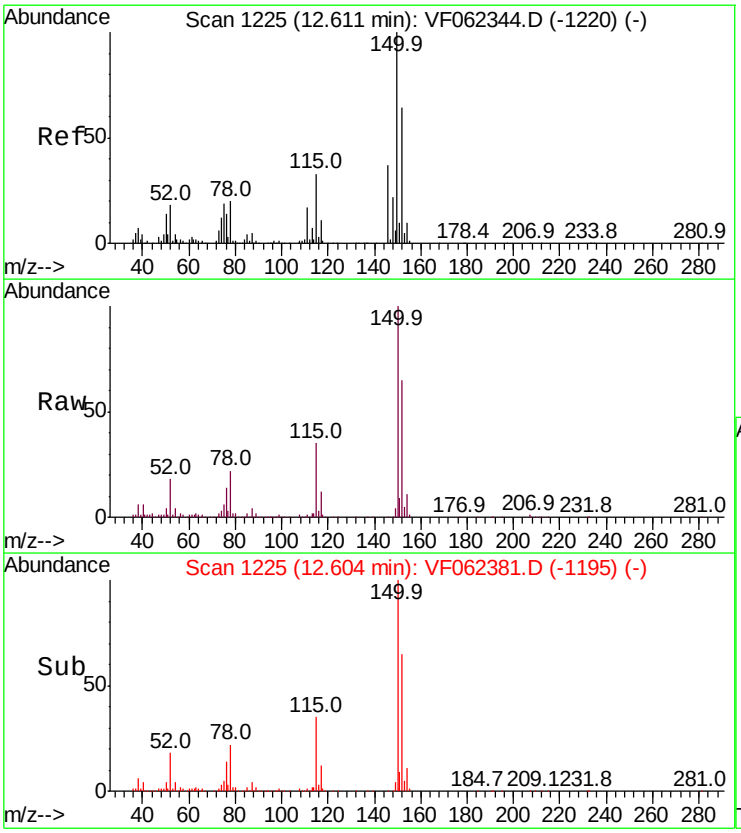
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Instrument :
MSVOA_F
ClientSampleId :
SB-17-1.0-1.5RE

Tgt Ion:117 Resp: 236319

Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.2	63.2
119	31.6	25.0	37.4

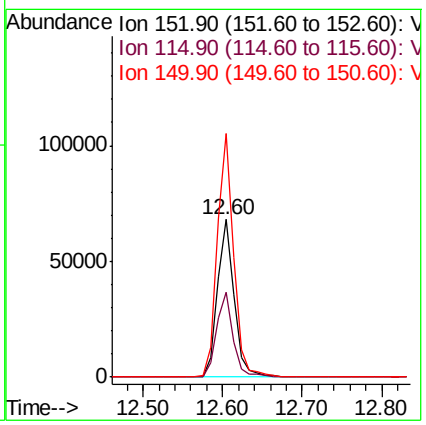


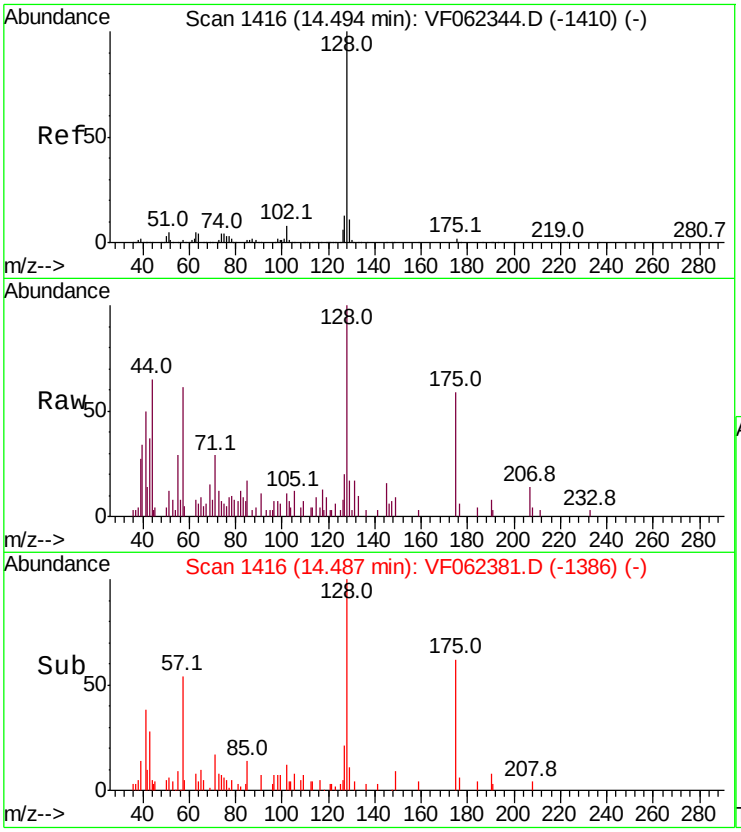


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Tgt Ion:152 Resp: 101495

Ion	Ratio	Lower	Upper
152	100		
115	53.4	26.4	79.2
150	151.4	0.0	335.0





#95
Naphthalene
Concen: 1.731 ug/l
RT: 14.49 min Scan# 1416
Delta R.T. -0.01 min
Lab File: VF062381.D
Acq: 8 May 2019 17:04

Instrument :
MSVOA_F
ClientSampleId :
SB-17-1.0-1.5RE

Tgt Ion:128 Resp: 6517

Ion	Ratio	Lower	Upper
128	100		
127	20.7	10.5	15.7#
129	17.9	8.6	12.8#