Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122018\
Data File : VF061115.D
Acq On : 20 Dec 2018 18:38
Operator : VA/AP
Sample : J6377-16
Misc : 4.51g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P001-SD006-0612-01

Quant Time: Dec 21 08:07:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	193879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	326558	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.79	117	240652	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	88981	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	94988	38.09	ug/l	0.01
Spiked Amount 50.000			Recovery = 76.18%			
35) Dibromofluoromethane	4.12	113	111086	42.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.94%			
50) Toluene-d8	7.56	98	241770	32.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 65.22%			
62) 4-Bromofluorobenzene	11.42	95	88341	25.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 51.70%			
Target Compounds						Qvalue
16) Acetone	2.23	43	22561	45.258	ug/l	96
68) m/p-Xylenes	10.14	106	7247	2.274	ug/l	97
88) 1,4-Dichlorobenzene	12.57	146	5016	1.655	ug/l	84

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

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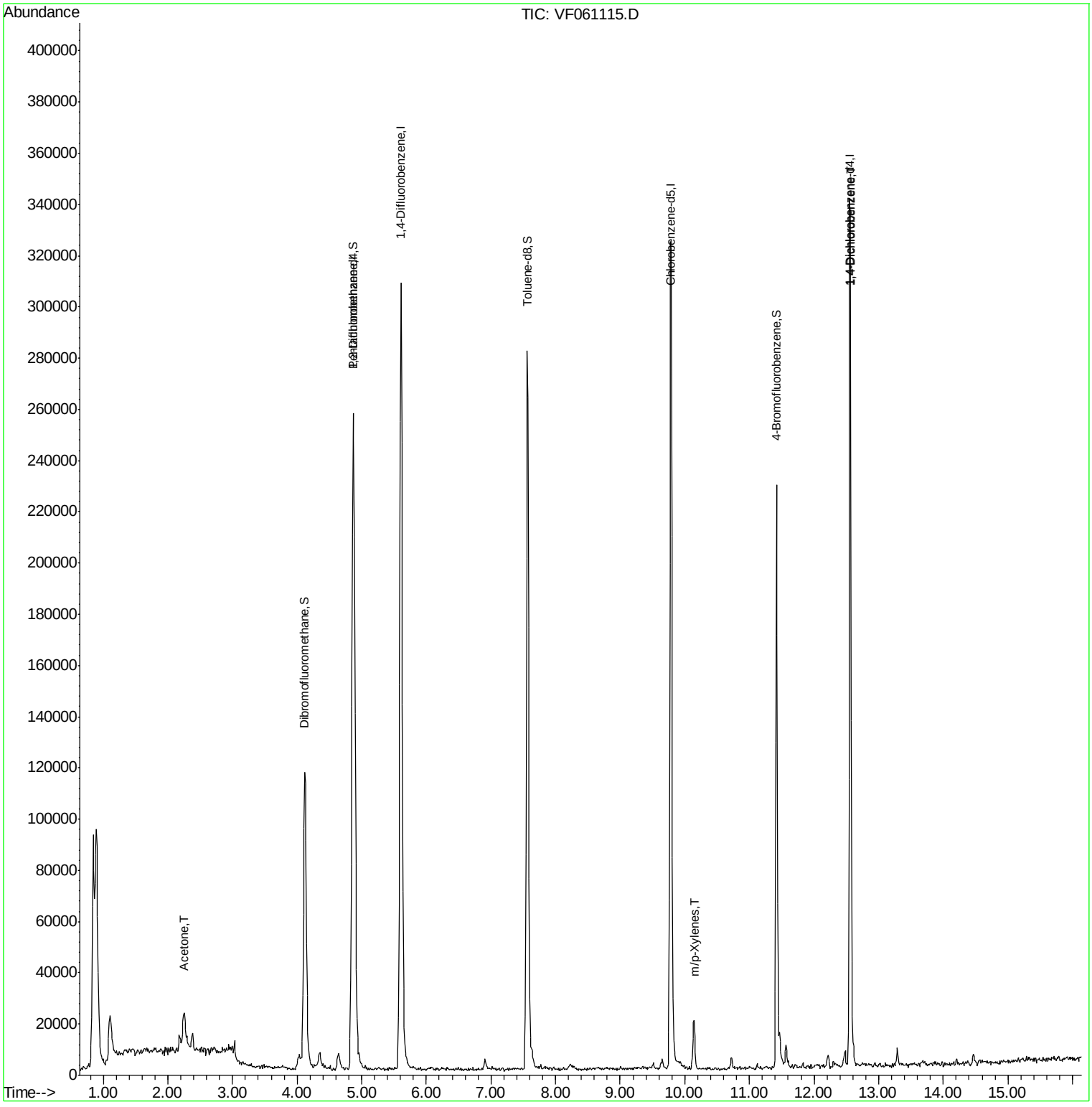
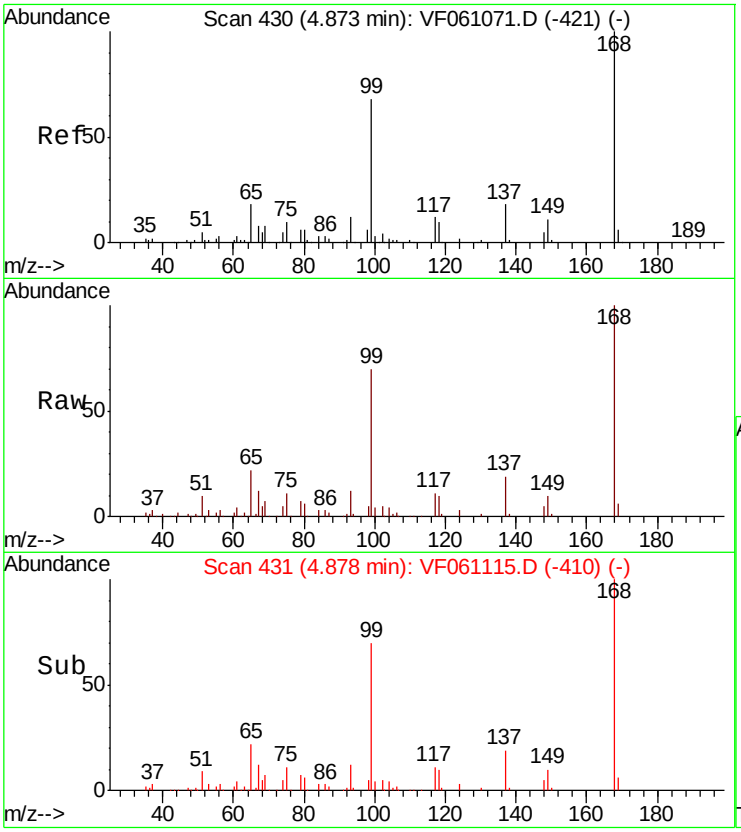


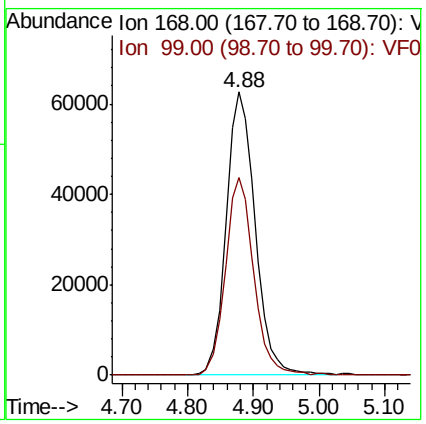


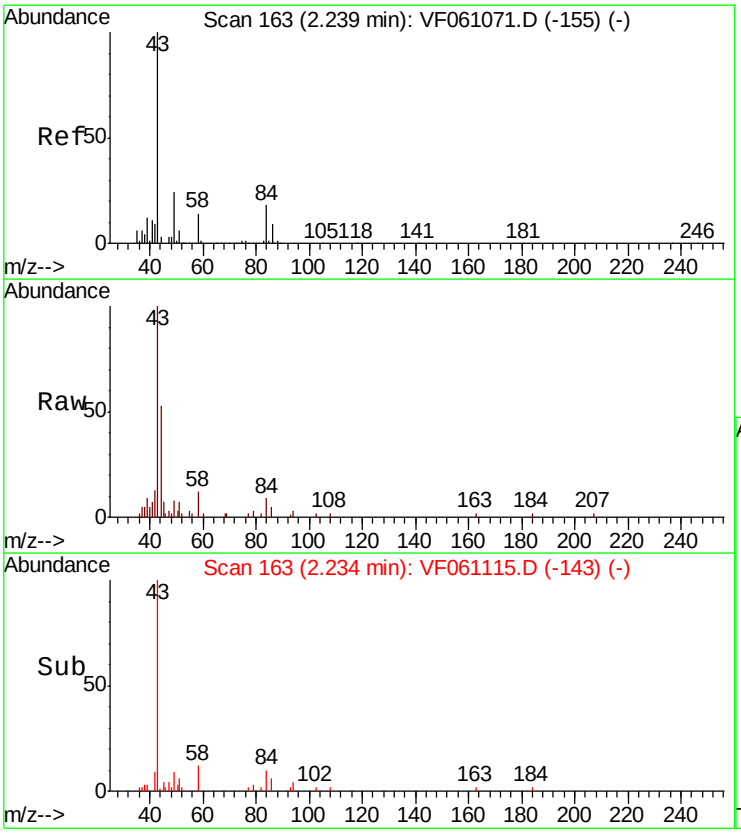
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.00 min
Lab File: VF061115.D
Acq: 20 Dec 2018 18:38

Instrument :
MSVOA_F
ClientSampleId :
P001-SD006-0612-01

Tgt Ion:168 Resp: 193879

Ion	Ratio	Lower	Upper
168	100		
99	69.9	54.4	81.6

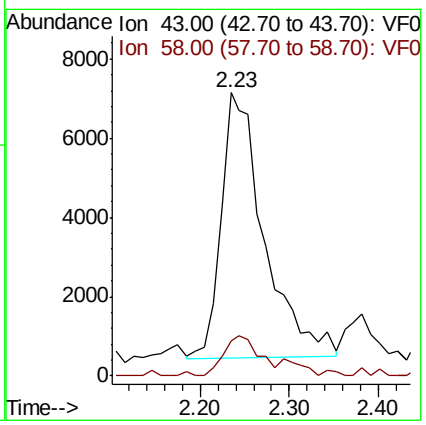


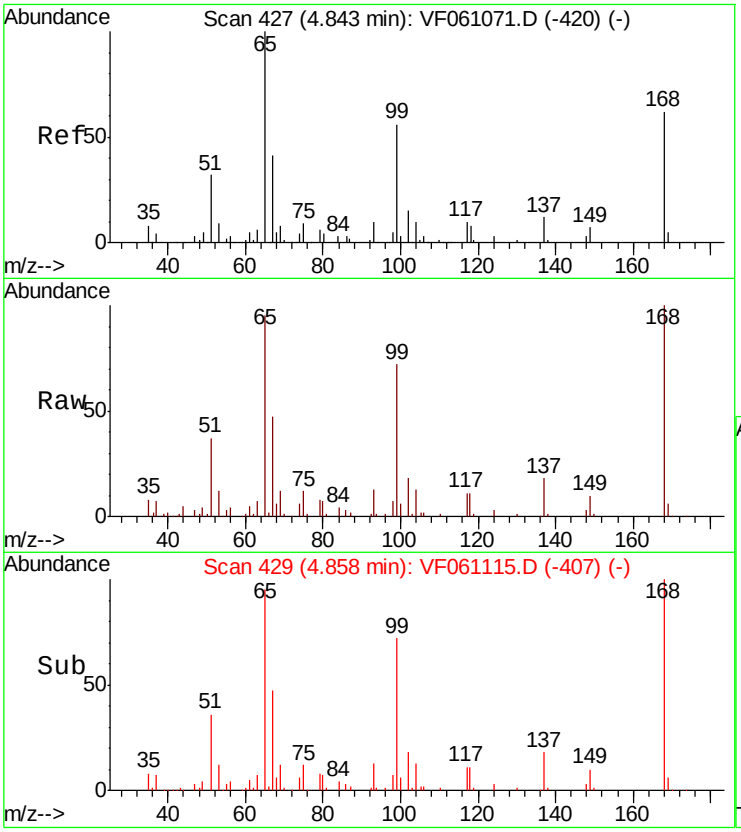


#16
Acetone
Concen: 45.258 ug/l
RT: 2.23 min Scan# 163
Delta R.T. -0.01 min
Lab File: VF061115.D
Acq: 20 Dec 2018 18:38

Tgt Ion: 43 Resp: 22561

Ion	Ratio	Lower	Upper
43	100		
58	12.3	11.1	16.7



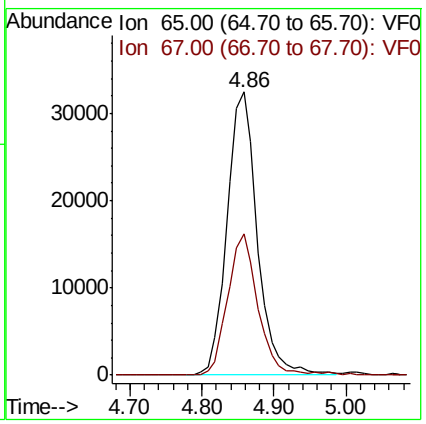


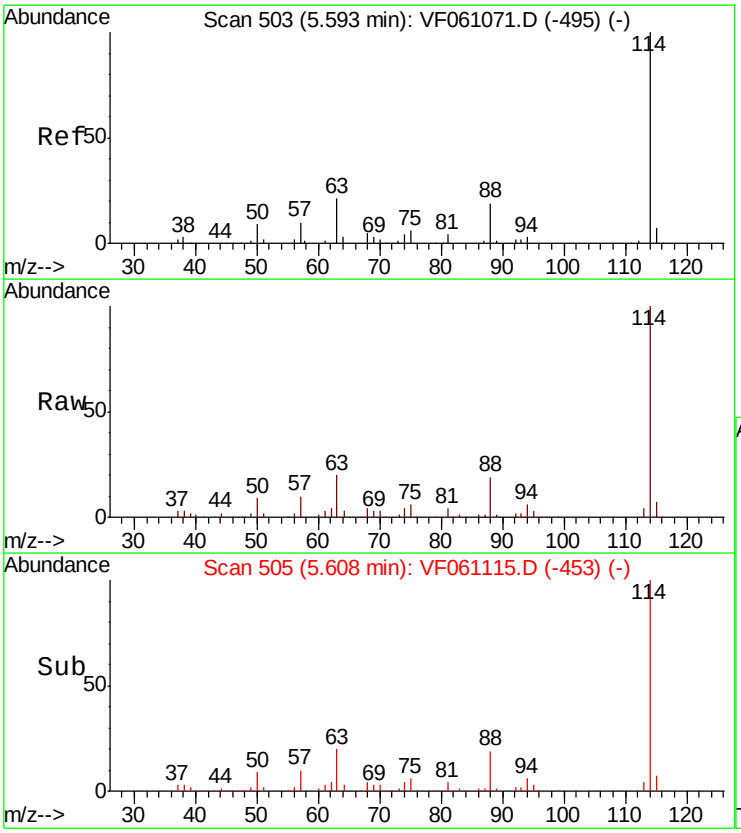
#33
1,2-Dichloroethane-d4
Concen: 38.092 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.01 min
Lab File: VF061115.D
Acq: 20 Dec 2018 18:38

Instrument :
MSVOA_F
ClientSampleId :
P001-SD006-0612-01

Tgt Ion: 65 Resp: 94988

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	94.6

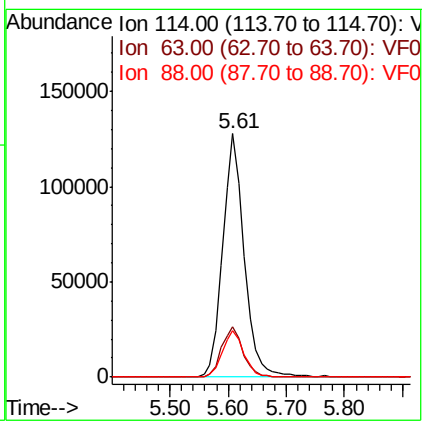


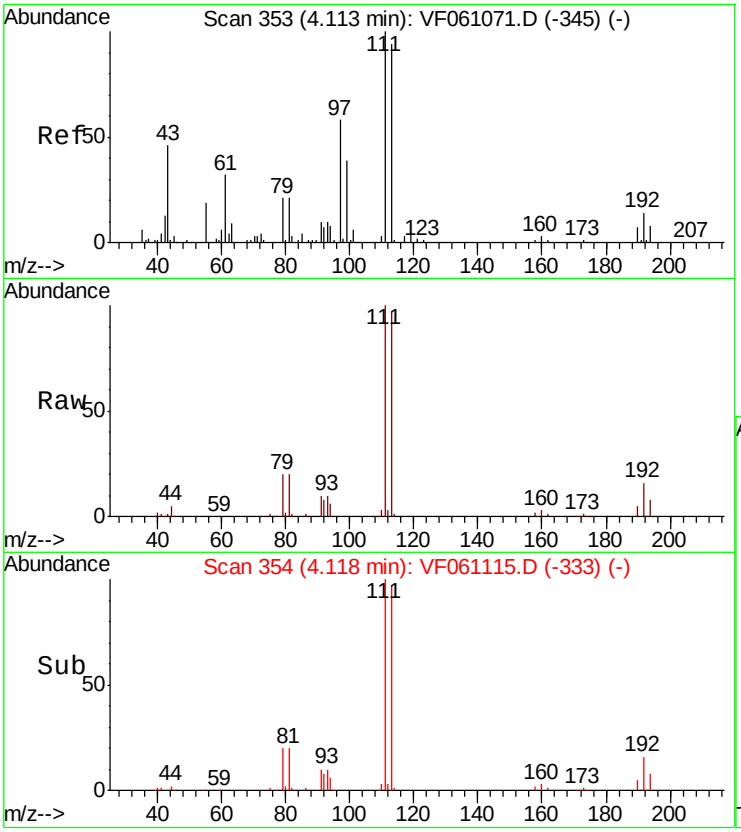


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.01 min
Lab File: VF061115.D
Acq: 20 Dec 2018 18:38

Tgt Ion:114 Resp: 326558

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.6
88	19.1	0.0	38.0



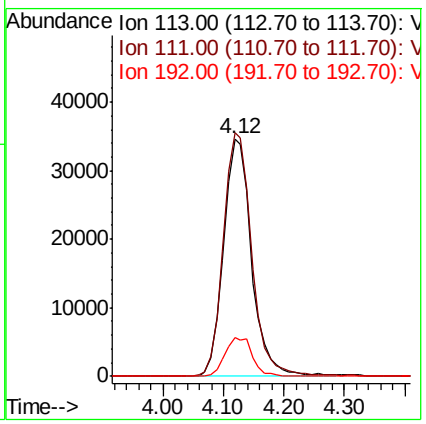


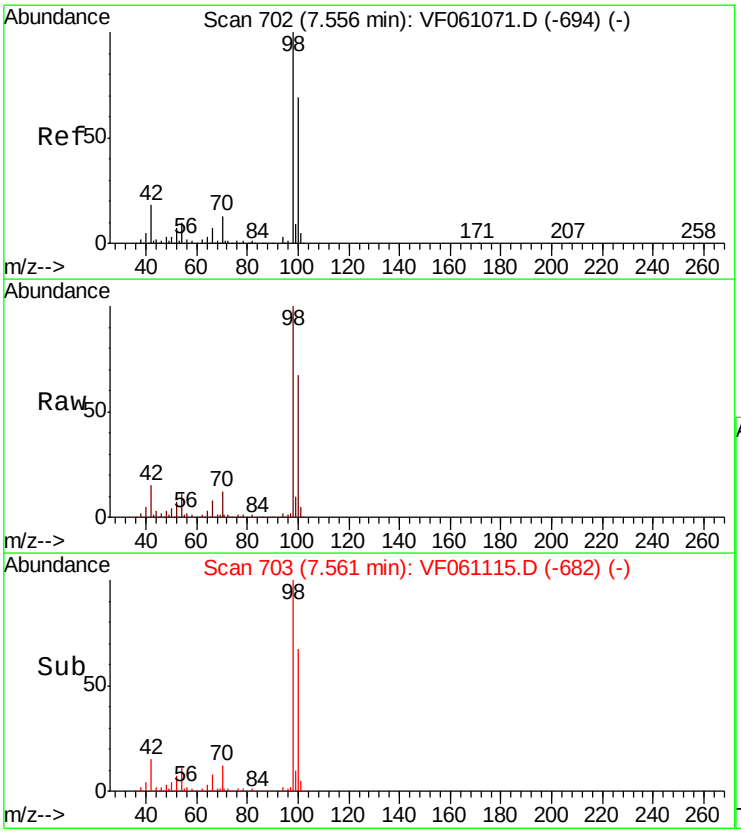
#35
Dibromofluoromethane
Concen: 42.465 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.00 min
Lab File: VF061115.D
Acq: 20 Dec 2018 18:38

Instrument :
MSVOA_F
ClientSampleId :
P001-SD006-0612-01

Tgt Ion:113 Resp: 111086

Ion	Ratio	Lower	Upper
113	100		
111	102.6	85.2	127.8
192	17.1	12.8	19.2

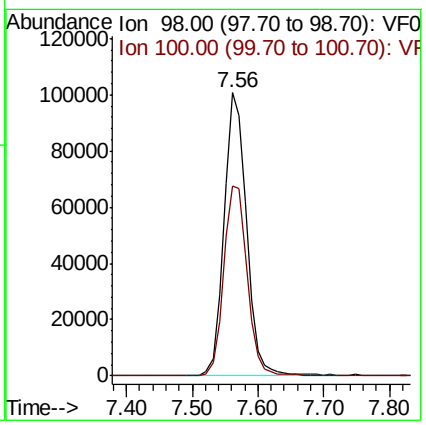


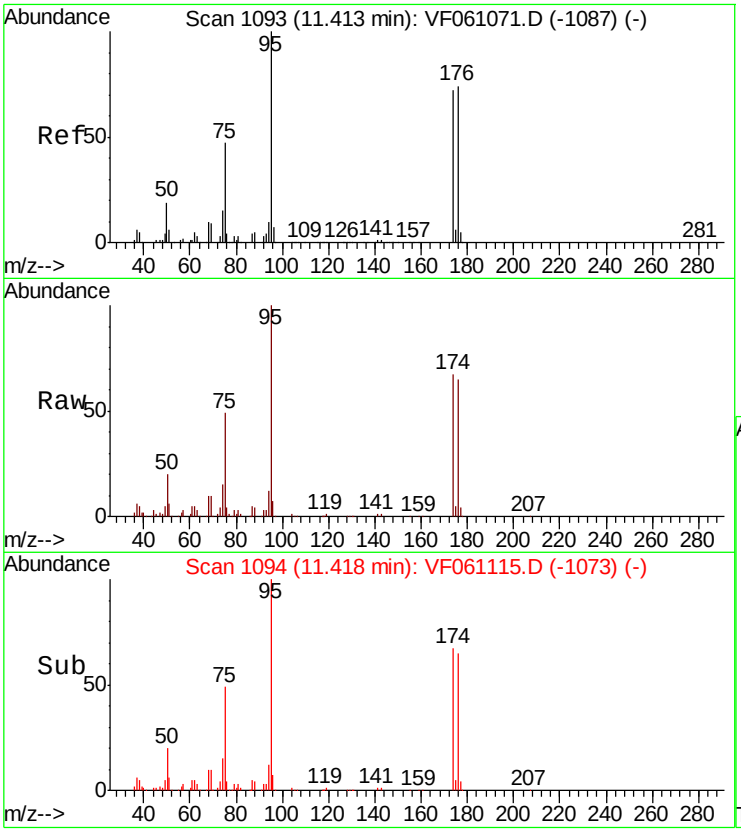


#50
Toluene-d8
Concen: 32.614 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF061115.D
Acq: 20 Dec 2018 18:38

Tgt Ion: 98 Resp: 241770

Ion	Ratio	Lower	Upper
98	100		
100	67.1	55.3	82.9



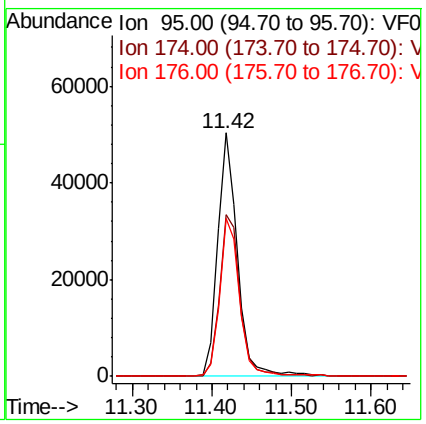


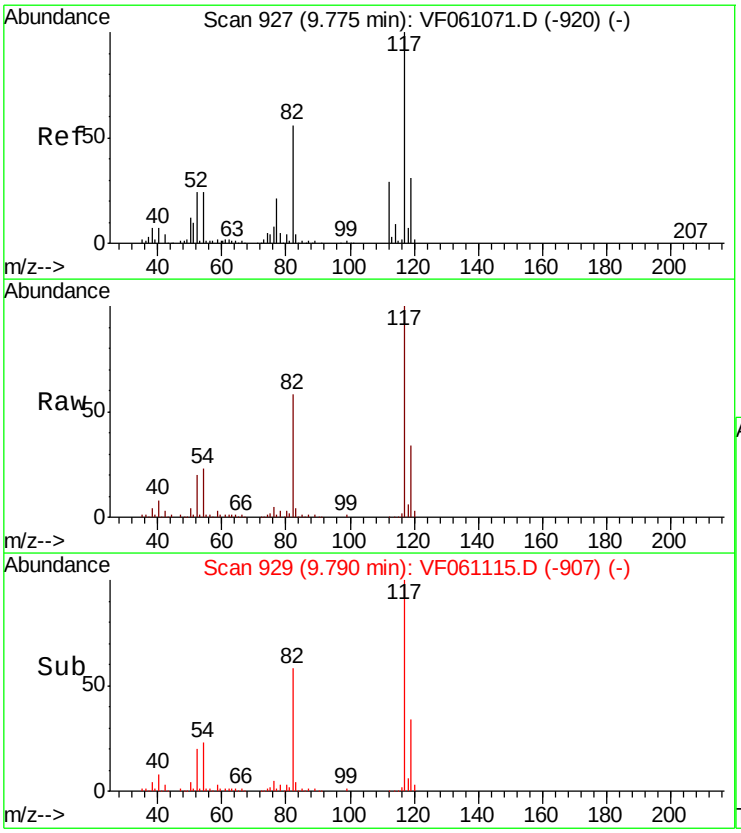
#62
4-Bromofluorobenzene
Concen: 25.849 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF061115.D
Acq: 20 Dec 2018 18:38

Instrument :
MSVOA_F
ClientSampleId :
P001-SD006-0612-01

Tgt Ion: 95 Resp: 88341

Ion	Ratio	Lower	Upper
95	100		
174	66.5	0.0	143.8
176	64.7	0.0	147.6

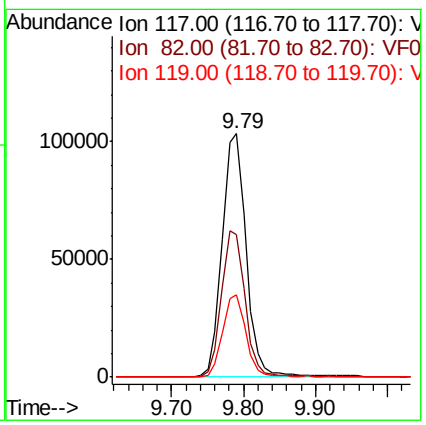


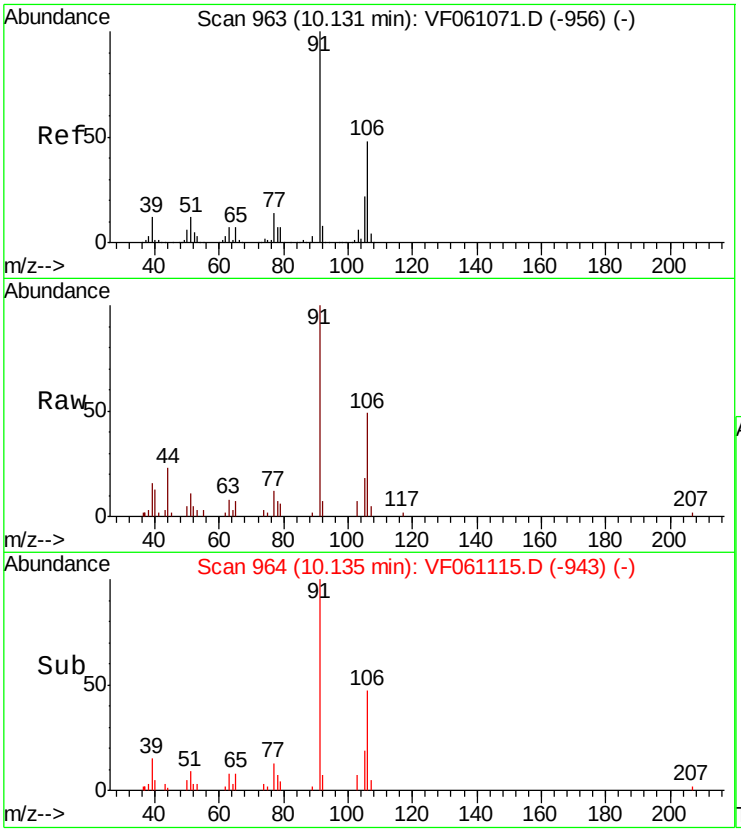


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF061115.D
Acq: 20 Dec 2018 18:38

Tgt Ion:117 Resp: 240652

Ion	Ratio	Lower	Upper
117	100		
82	58.4	45.0	67.4
119	33.9	24.8	37.2



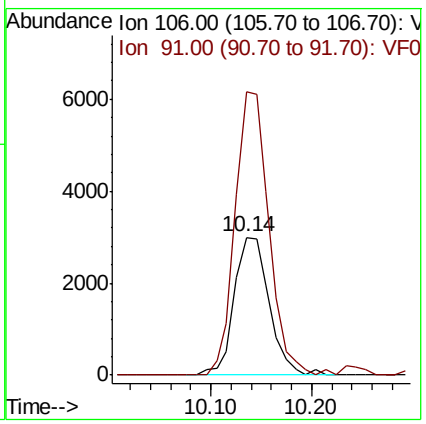


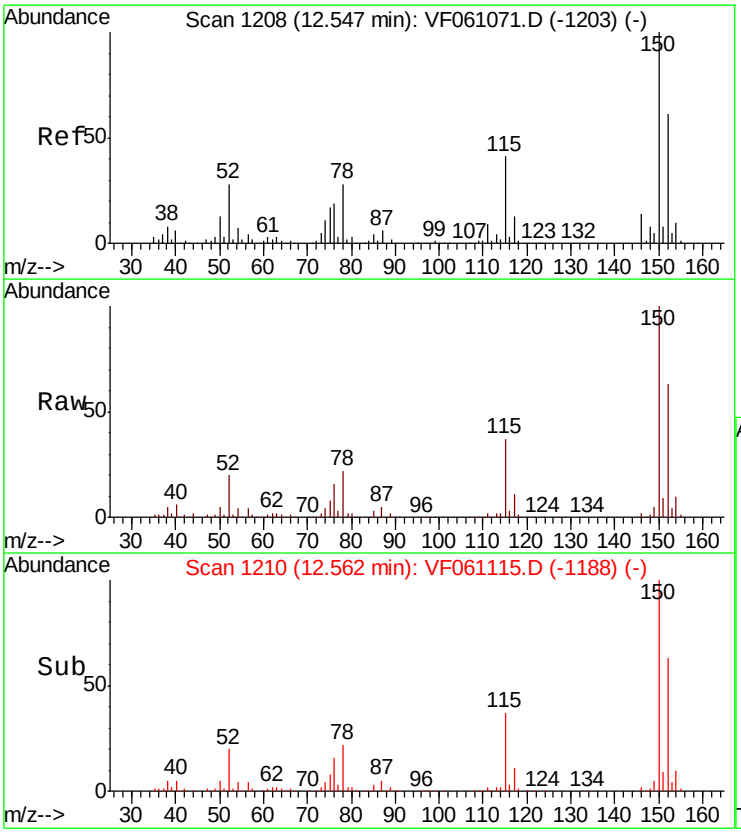
#68
m/p-Xylenes
Concen: 2.274 ug/l
RT: 10.14 min Scan# 964
Delta R.T. 0.00 min
Lab File: VF061115.D
Acq: 20 Dec 2018 18:38

Instrument :
MSVOA_F
ClientSampleId :
P001-SD006-0612-01

Tgt Ion:106 Resp: 7247

Ion	Ratio	Lower	Upper
106	100		
91	205.7	168.2	252.2

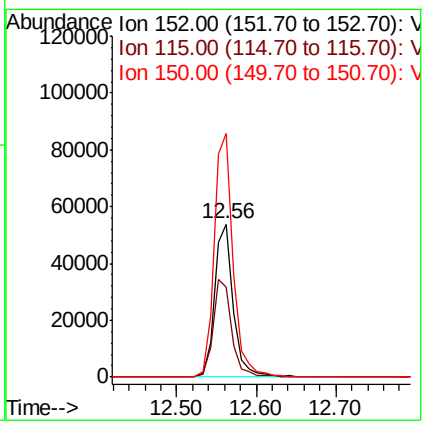


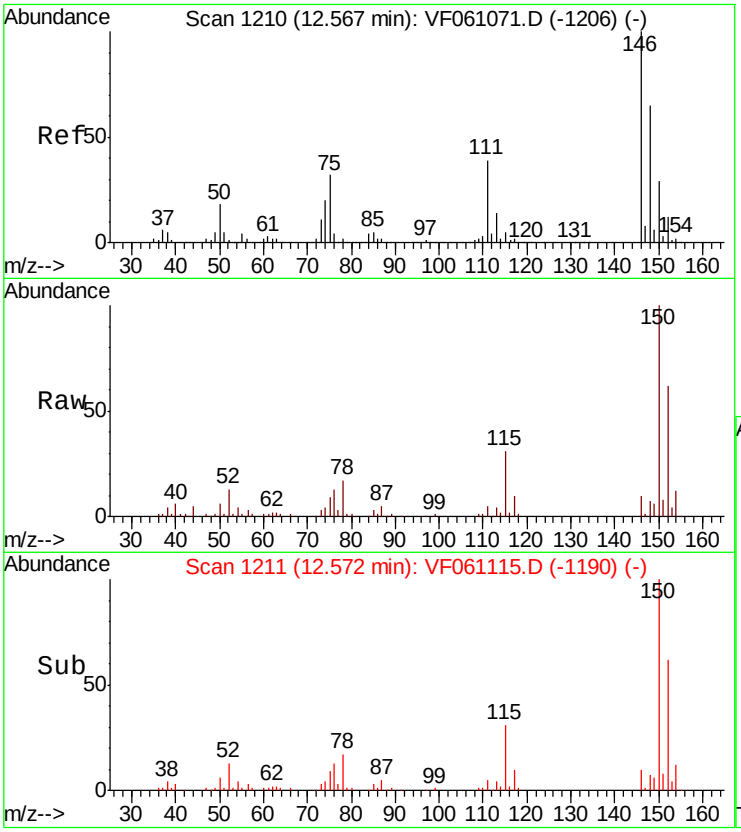


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF061115.D
Acq: 20 Dec 2018 18:38

Tgt Ion:152 Resp: 88981

Ion	Ratio	Lower	Upper
152	100		
115	59.1	33.3	99.9
150	159.2	0.0	328.2





#88
1,4-Dichlorobenzene
Concen: 1.655 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. 0.00 min
Lab File: VF061115.D
Acq: 20 Dec 2018 18:38

Instrument :
MSVOA_F
ClientSampleId :
P001-SD006-0612-01

Tgt Ion:146 Resp: 5016

Ion	Ratio	Lower	Upper
146	100		
111	51.6	19.4	58.4
148	75.1	32.4	97.0