Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122118\
Data File : VF061124.D
Acq On : 21 Dec 2018 14:19
Operator : VA/AP
Sample : J6196-07RE
Misc : 6.36g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EO-01-121818-ARE

Quant Time: Dec 21 15:44:50 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

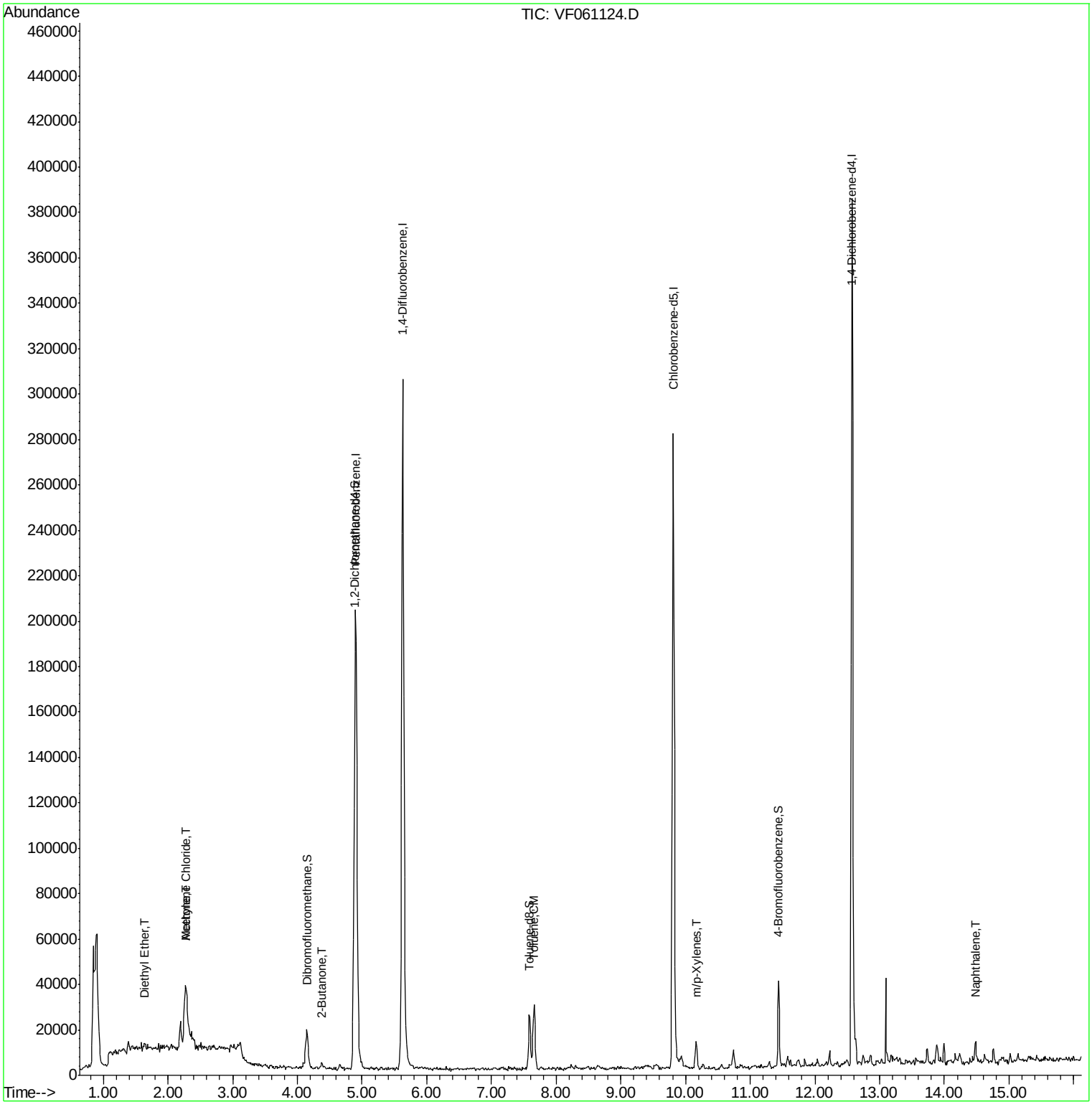
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.90	168	189485	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.63	114	328332	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.81	117	199062	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.57	152	95327	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.88	65	12675	5.20	ug/l	0.03
Spiked Amount 50.000			Recovery = 10.40%			
35) Dibromofluoromethane	4.15	113	15066	5.73	ug/l	0.03
Spiked Amount 50.000			Recovery = 11.46%			
50) Toluene-d8	7.58	98	19668	2.64	ug/l	0.02
Spiked Amount 50.000			Recovery = 5.28%			
62) 4-Bromofluorobenzene	11.44	95	13565	3.95	ug/l	0.02
Spiked Amount 50.000			Recovery = 7.90%			
Target Compounds						Qvalue
8) Diethyl Ether	1.64	74	1295	2.213	ug/l	90
16) Acetone	2.26	43	16615	34.103	ug/l	98
20) Methylene Chloride	2.28	84	18566	8.167	ug/l	89
25) 2-Butanone	4.38	43	5661	7.164	ug/l	96
52) Toluene	7.66	92	15150	2.685	ug/l	89
68) m/p-Xylenes	10.17	106	4534	1.720	ug/l	96
95) Naphthalene	14.48	128	4590	1.121	ug/l #	85

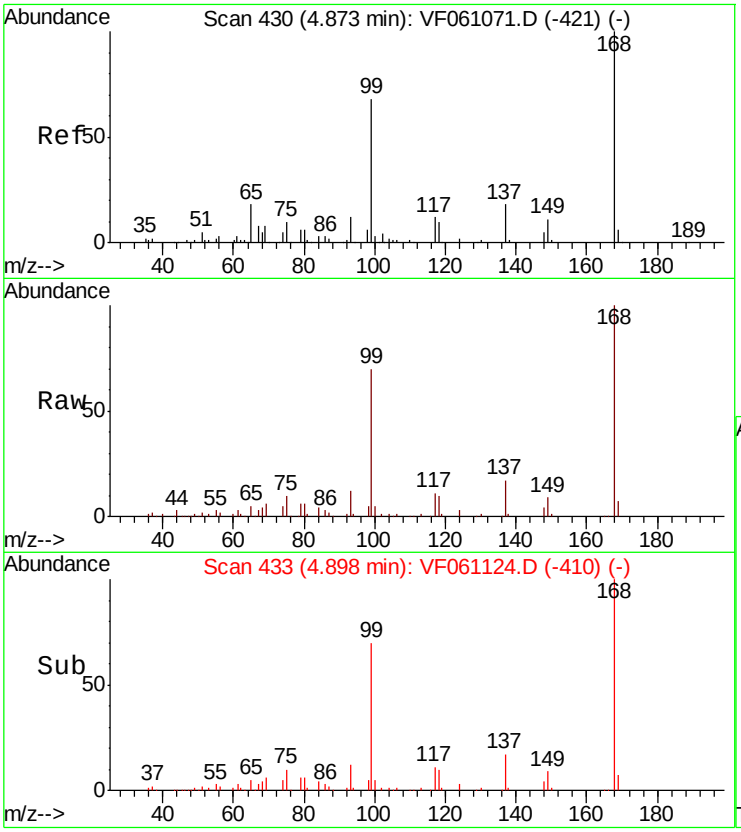
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122118\
Data File : VF061124.D
Acq On : 21 Dec 2018 14:19
Operator : VA/AP
Sample : J6196-07RE
Misc : 6.36g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EO-01-121818-ARE

Quant Time: Dec 21 15:44:50 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



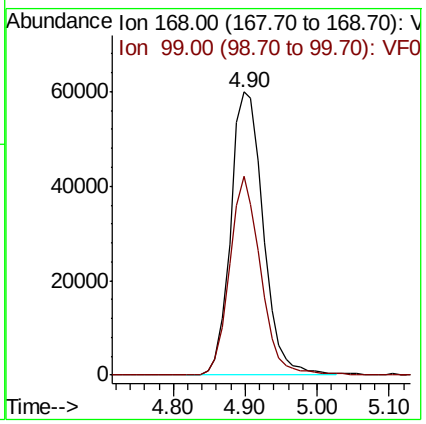


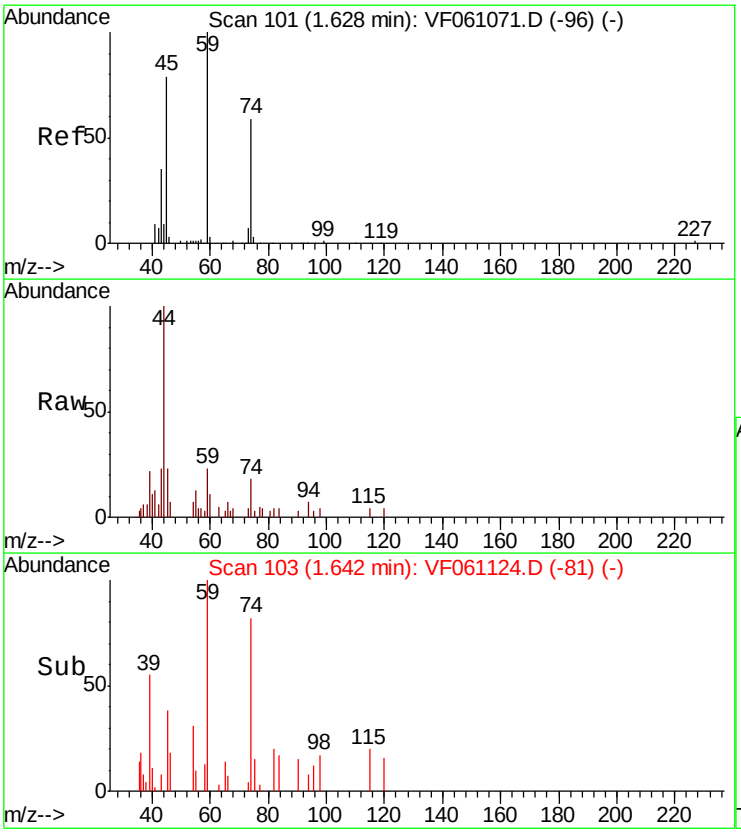
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.90 min Scan# 433
Delta R.T. 0.02 min
Lab File: VF061124.D
Acq: 21 Dec 2018 14:19

Instrument :
MSVOA_F
ClientSampleId :
EO-01-121818-ARE

Tgt Ion:168 Resp: 189485

Ion	Ratio	Lower	Upper
168	100		
99	70.1	54.4	81.6

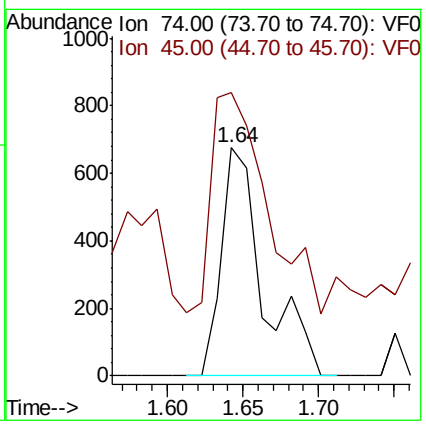


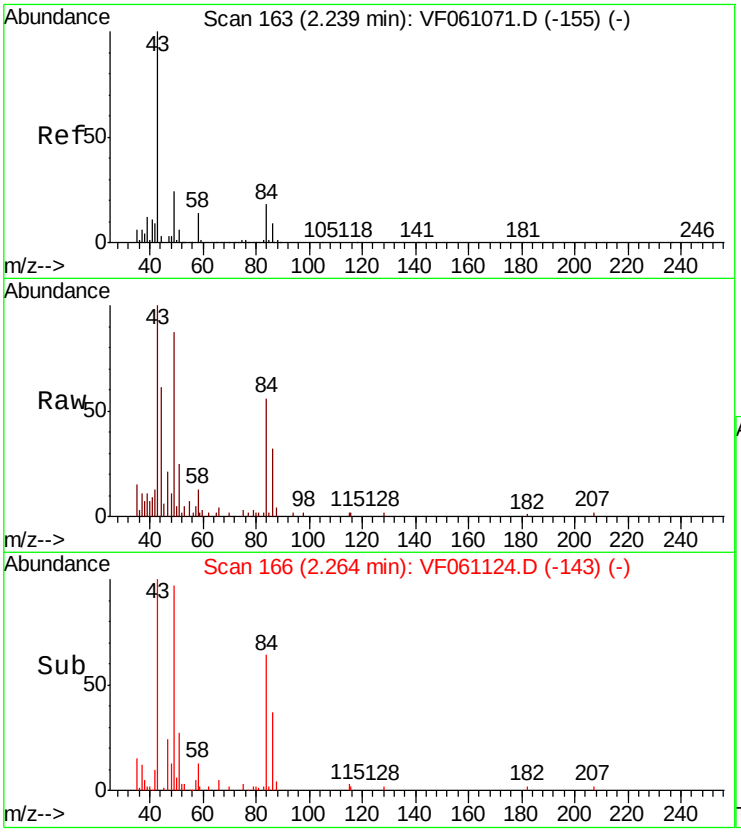


#8
Diethyl Ether
Concen: 2.213 ug/l
RT: 1.64 min Scan# 103
Delta R.T. 0.01 min
Lab File: VF061124.D
Acq: 21 Dec 2018 14:19

Tgt Ion: 74 Resp: 1295

Ion	Ratio	Lower	Upper
74	100		
45	124.1	67.8	203.4



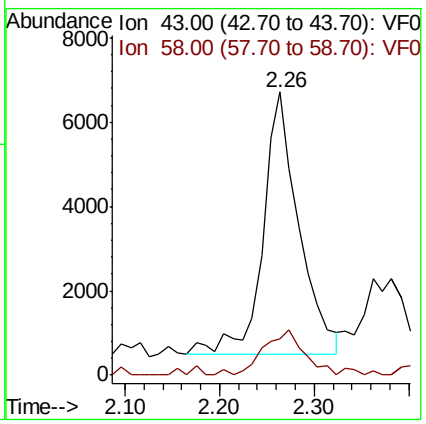


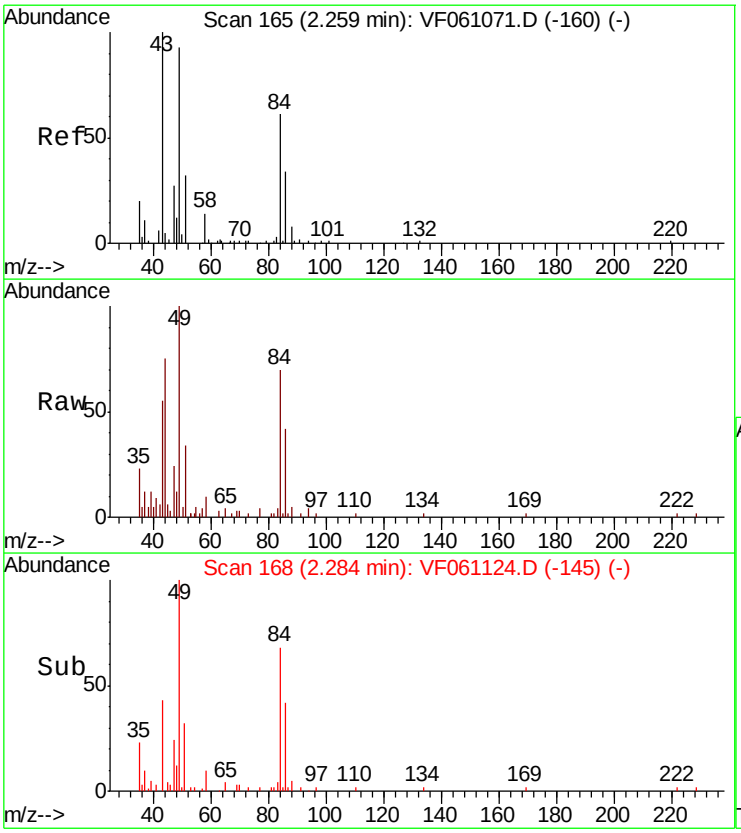
#16
Acetone
Concen: 34.103 ug/l
RT: 2.26 min Scan# 166
Delta R.T. 0.02 min
Lab File: VF061124.D
Acq: 21 Dec 2018 14:19

Instrument :
MSVOA_F
ClientSampleId :
EO-01-121818-ARE

Tgt Ion: 43 Resp: 16615

Ion	Ratio	Lower	Upper
43	100		
58	13.0	11.1	16.7

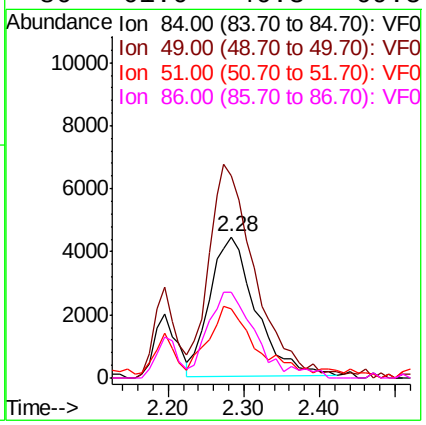


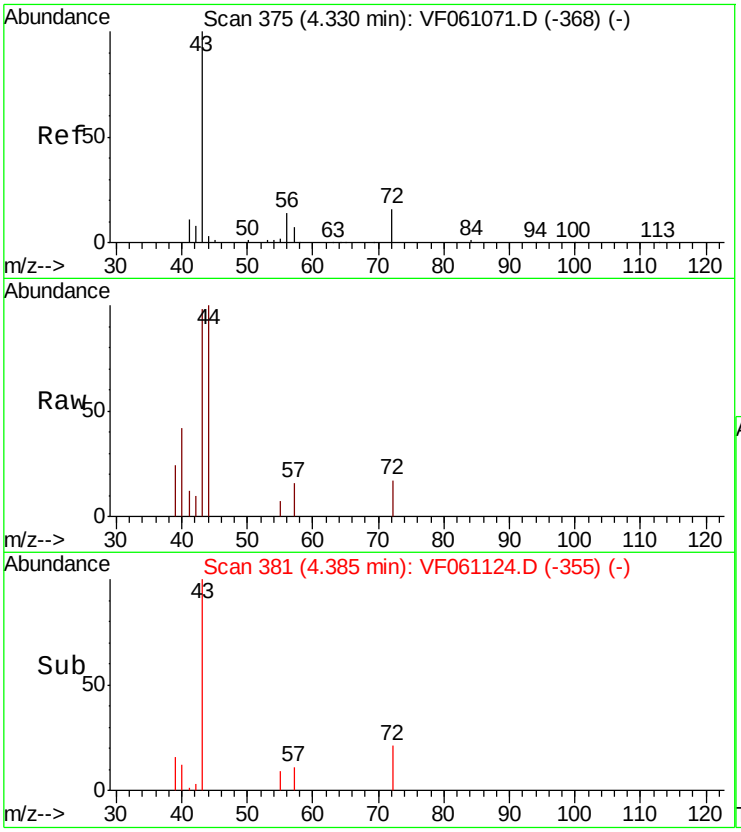


#20
Methylene Chloride
Concen: 8.167 ug/l
RT: 2.28 min Scan# 168
Delta R.T. 0.03 min
Lab File: VF061124.D
Acq: 21 Dec 2018 14:19

Tgt Ion: 84 Resp: 18566

Ion	Ratio	Lower	Upper
84	100		
49	143.9	129.4	194.2
51	48.6	44.0	66.0
86	61.0	46.3	69.5



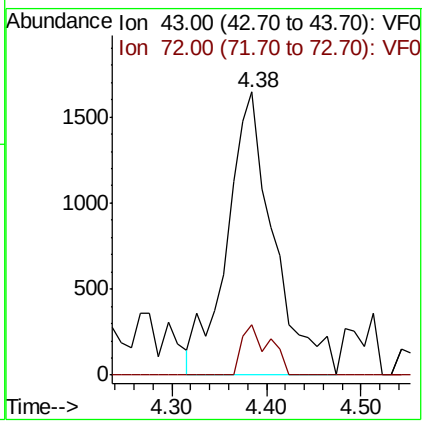


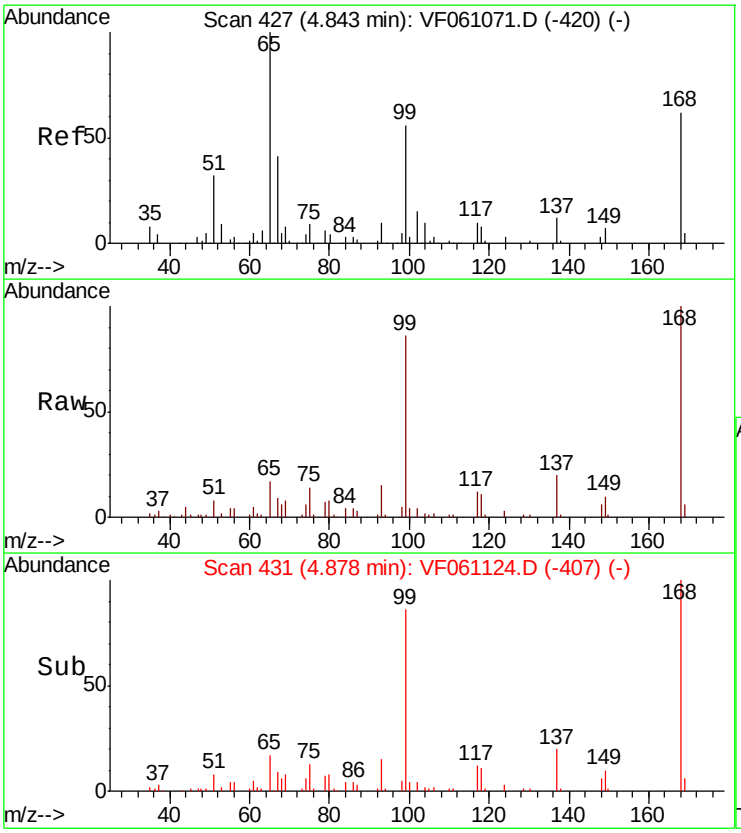
#25
2-Butanone
Concen: 7.164 ug/l
RT: 4.38 min Scan# 381
Delta R.T. 0.05 min
Lab File: VF061124.D
Acq: 21 Dec 2018 14:19

Instrument :
MSVOA_F
ClientSampleId :
EO-01-121818-ARE

Tgt Ion: 43 Resp: 5661

Ion	Ratio	Lower	Upper
43	100		
72	17.8	15.6	23.4

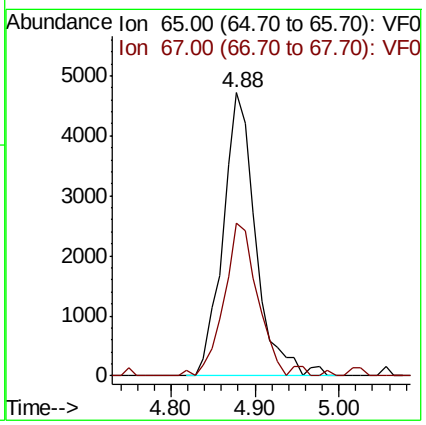


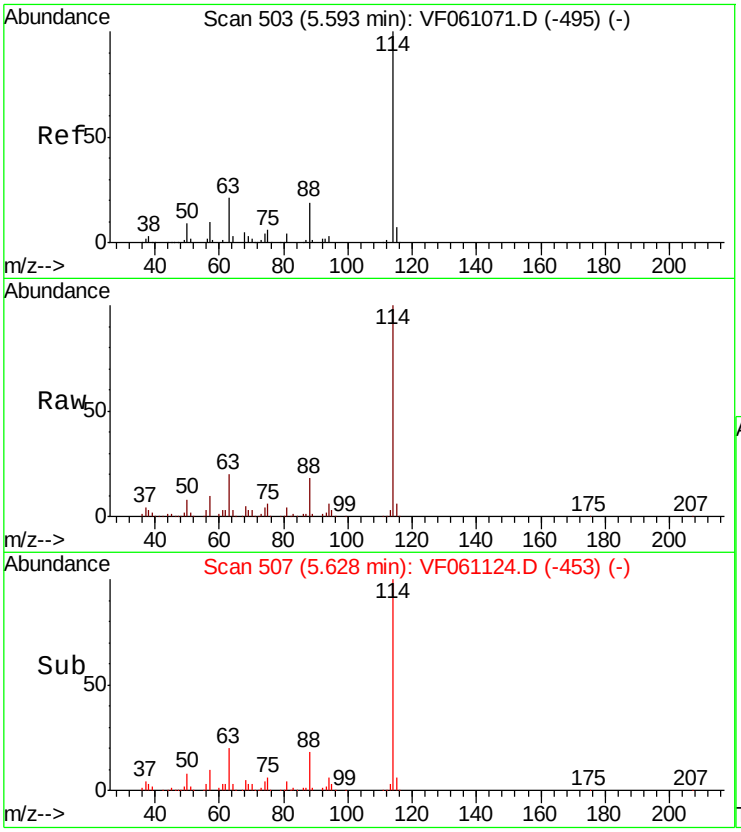


#33
1,2-Dichloroethane-d4
Concen: 5.201 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.03 min
Lab File: VF061124.D
Acq: 21 Dec 2018 14:19

Tgt Ion: 65 Resp: 12675

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	94.6



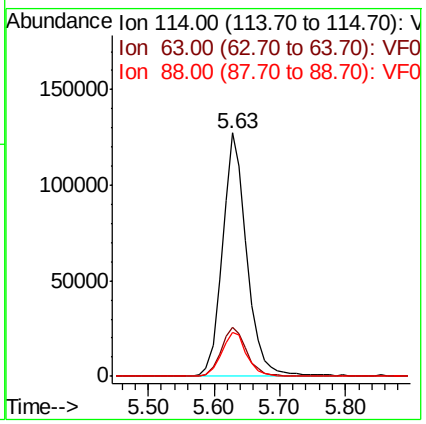


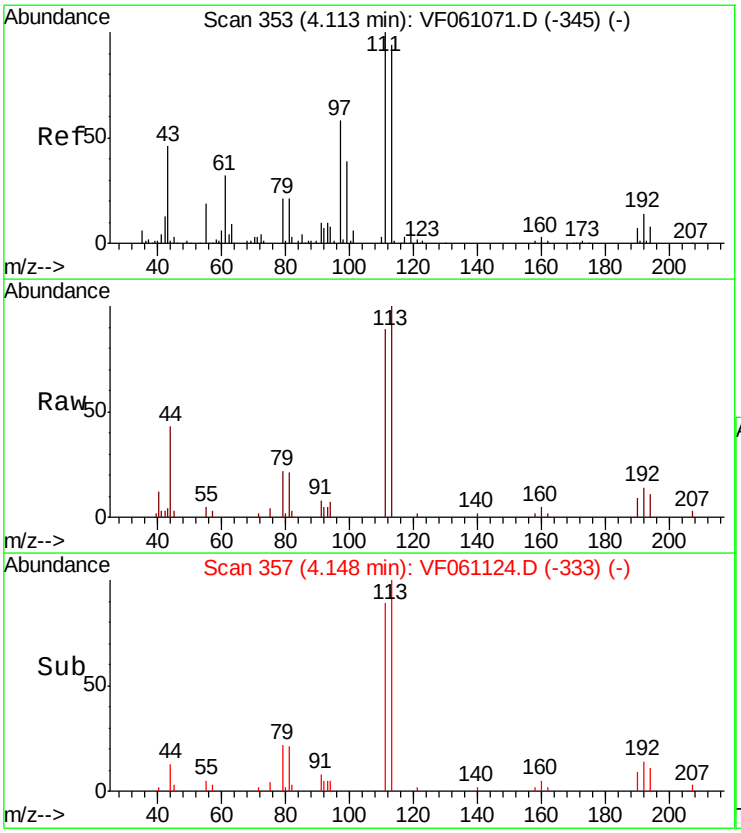
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 507
Delta R.T. 0.03 min
Lab File: VF061124.D
Acq: 21 Dec 2018 14:19

Instrument :
MSVOA_F
ClientSampleId :
EO-01-121818-ARE

Tgt Ion:114 Resp: 328332

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.6
88	18.2	0.0	38.0

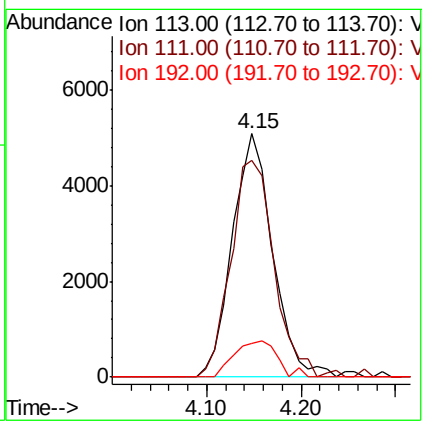


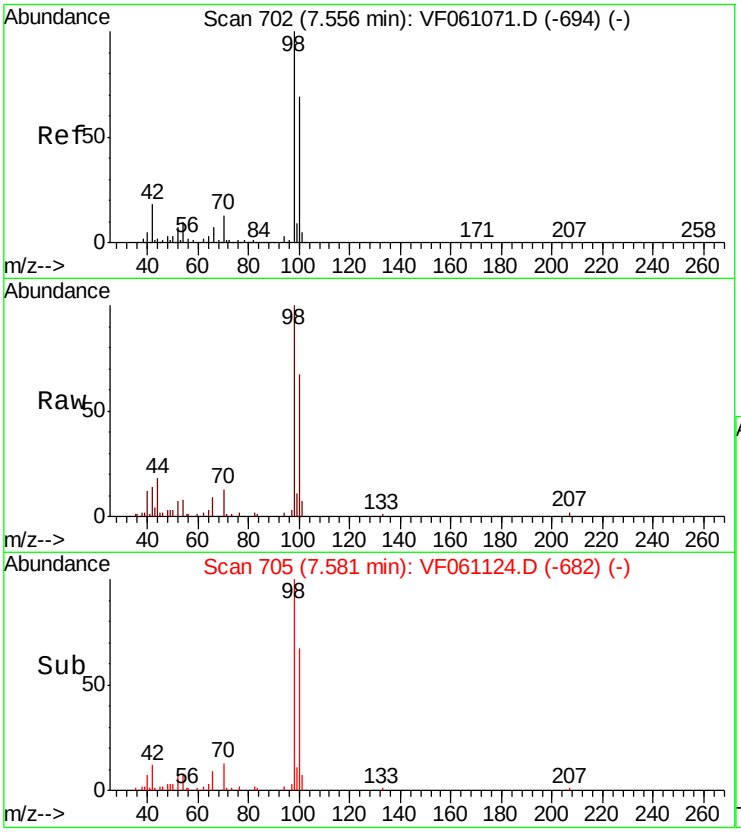


#35
Dibromofluoromethane
Concen: 5.728 ug/l
RT: 4.15 min Scan# 357
Delta R.T. 0.03 min
Lab File: VF061124.D
Acq: 21 Dec 2018 14:19

Tgt Ion:113 Resp: 15066

Ion	Ratio	Lower	Upper
113	100		
111	88.8	85.2	127.8
192	13.9	12.8	19.2



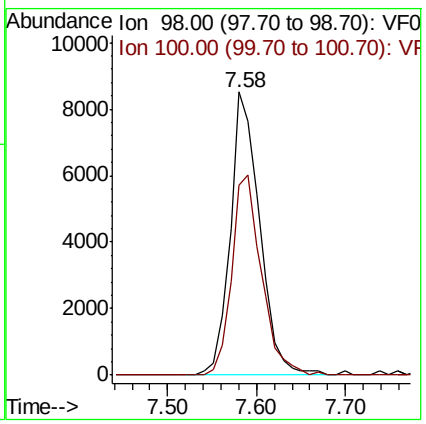


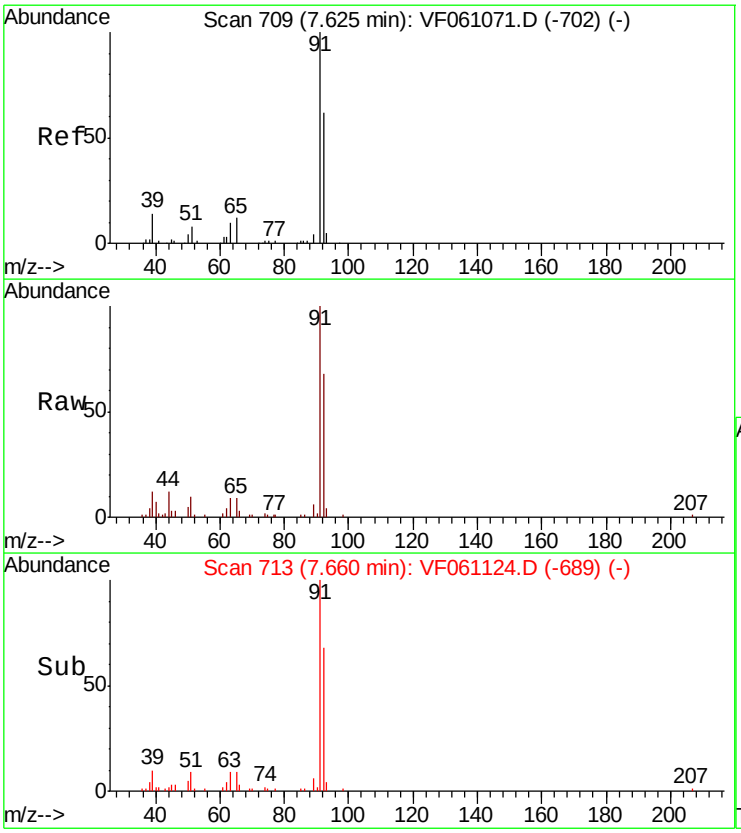
#50
Toluene-d8
Concen: 2.639 ug/l
RT: 7.58 min Scan# 705
Delta R.T. 0.02 min
Lab File: VF061124.D
Acq: 21 Dec 2018 14:19

Instrument :
MSVOA_F
ClientSampleId :
EO-01-121818-ARE

Tgt Ion: 98 Resp: 19668

Ion	Ratio	Lower	Upper
98	100		
100	67.1	55.3	82.9

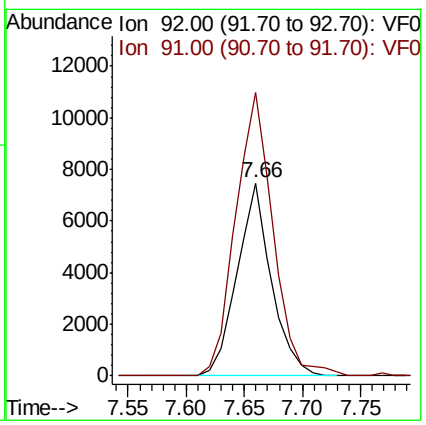


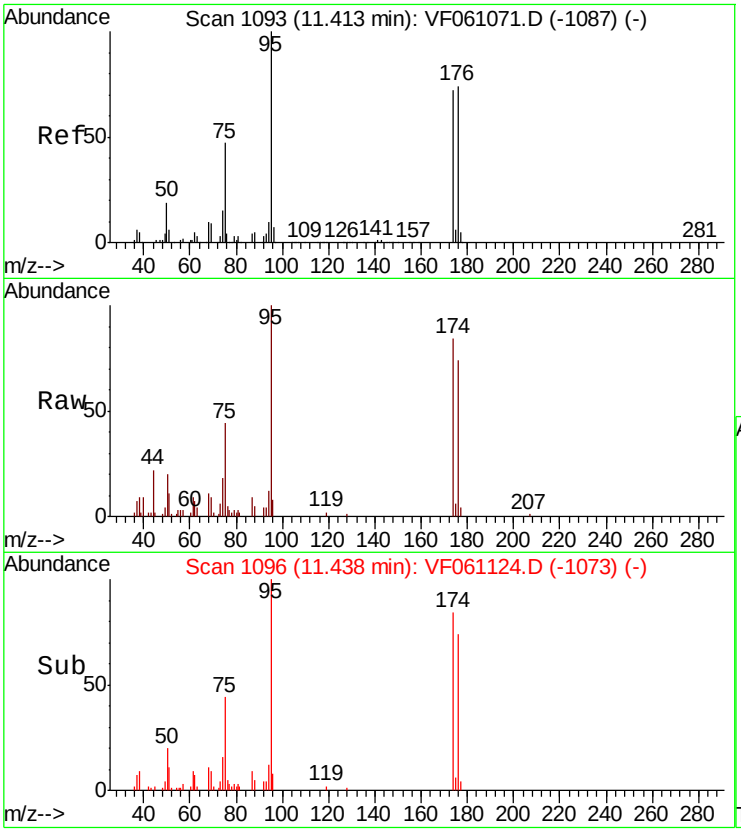


#52
Toluene
Concen: 2.685 ug/l
RT: 7.66 min Scan# 713
Delta R.T. 0.03 min
Lab File: VF061124.D
Acq: 21 Dec 2018 14:19

Tgt Ion: 92 Resp: 15150

Ion	Ratio	Lower	Upper
92	100		
91	146.6	128.8	193.2



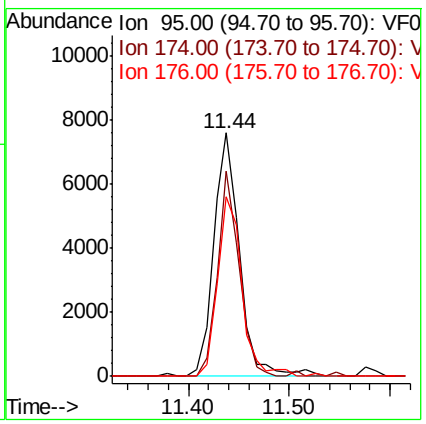


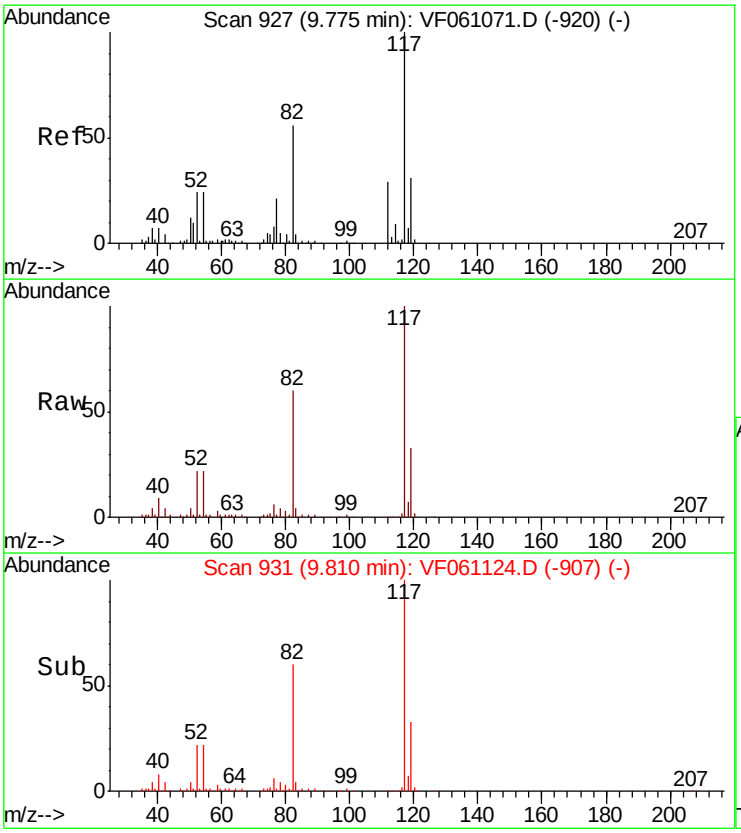
#62
4-Bromofluorobenzene
Concen: 3.948 ug/l
RT: 11.44 min Scan# 1096
Delta R.T. 0.02 min
Lab File: VF061124.D
Acq: 21 Dec 2018 14:19

Instrument :
MSVOA_F
ClientSampleId :
EO-01-121818-ARE

Tgt Ion: 95 Resp: 13565

Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	143.8
176	73.7	0.0	147.6

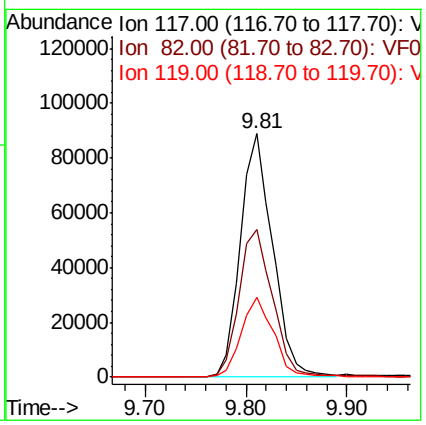


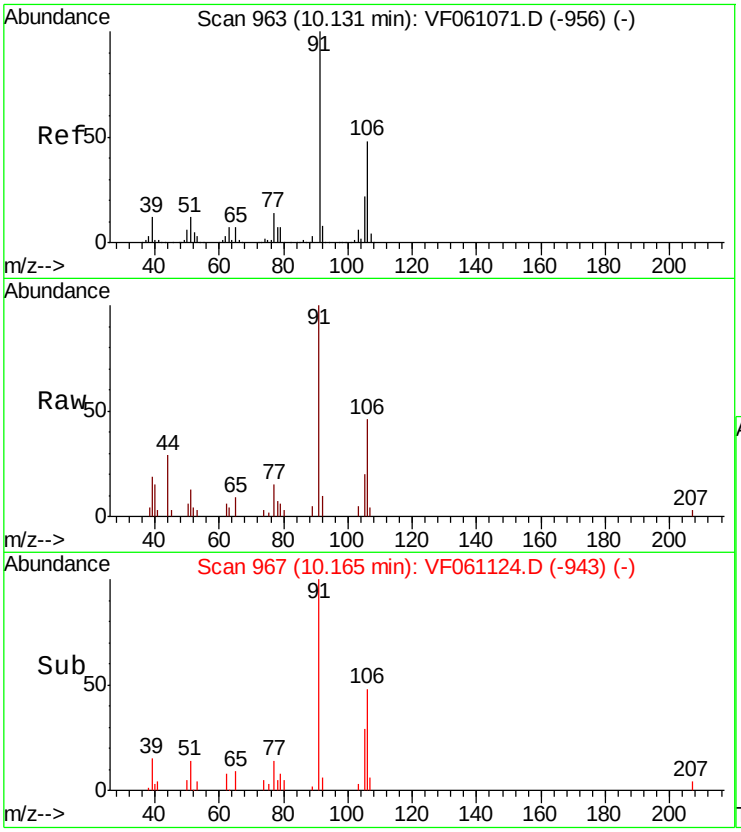


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.81 min Scan# 931
Delta R.T. 0.03 min
Lab File: VF061124.D
Acq: 21 Dec 2018 14:19

Tgt Ion:117 Resp: 199062

Ion	Ratio	Lower	Upper
117	100		
82	60.5	45.0	67.4
119	33.0	24.8	37.2



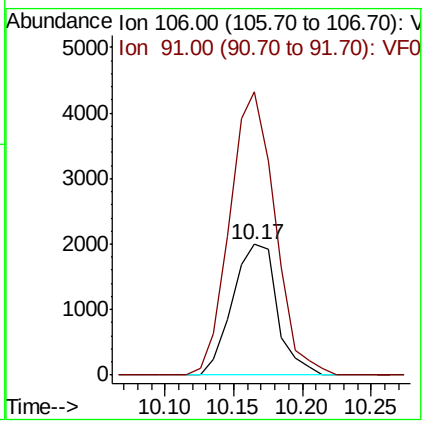


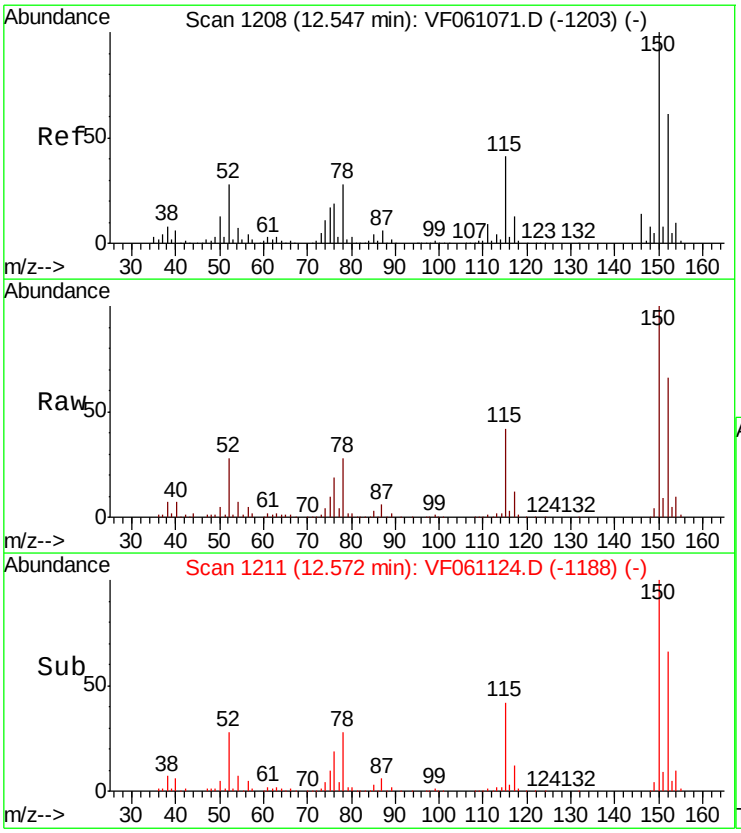
#68
m/p-Xylenes
Concen: 1.720 ug/l
RT: 10.17 min Scan# 967
Delta R.T. 0.03 min
Lab File: VF061124.D
Acq: 21 Dec 2018 14:19

Instrument : MSVOA_F
ClientSampleId : EO-01-121818-ARE

Tgt Ion:106 Resp: 4534

Ion	Ratio	Lower	Upper
106	100		
91	216.4	168.2	252.2

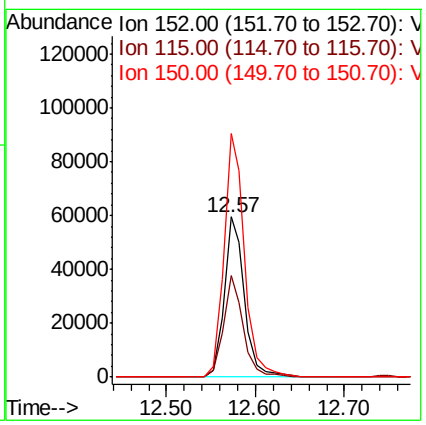


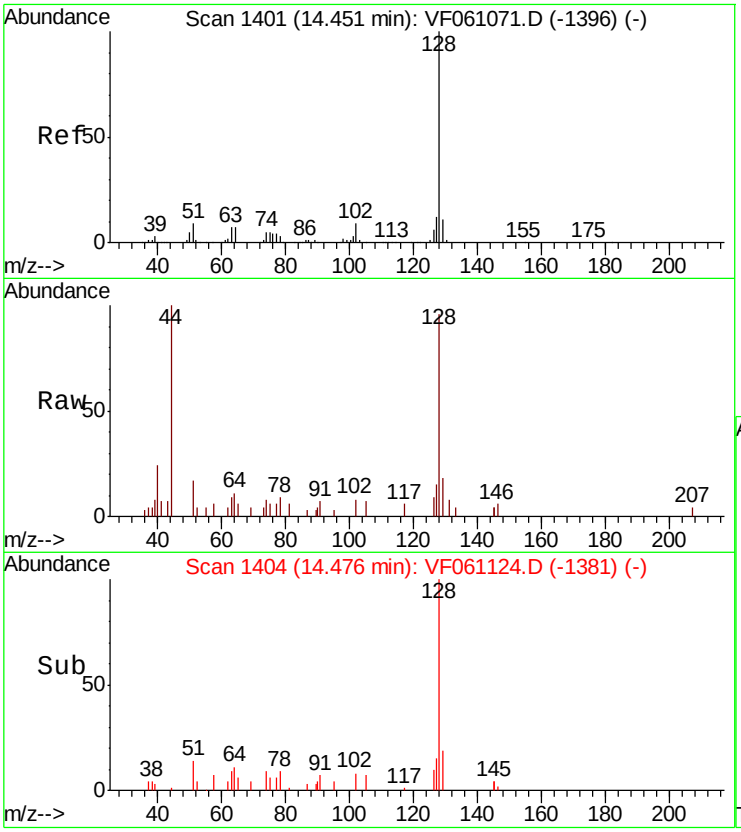


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. 0.02 min
Lab File: VF061124.D
Acq: 21 Dec 2018 14:19

Tgt Ion:152 Resp: 95327

Ion	Ratio	Lower	Upper
152	100		
115	63.1	33.3	99.9
150	152.1	0.0	328.2





#95
Naphthalene
Concen: 1.121 ug/l
RT: 14.48 min Scan# 1404
Delta R.T. 0.02 min
Lab File: VF061124.D
Acq: 21 Dec 2018 14:19

Instrument :
MSVOA_F
ClientSampleId :
EO-01-121818-ARE

Tgt Ion:128 Resp: 4590

Ion	Ratio	Lower	Upper
128	100		
127	15.5	9.4	14.2#
129	18.6	8.8	13.2#