Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122418\
Data File : VF061174.D
Acq On : 24 Dec 2018 19:31
Operator : VA/AP
Sample : J6389-13RE
Misc : 3.50g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P001-SS015-0006-01RE

Quant Time: Dec 25 06:18:16 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	4.87	168	158703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	277501	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	152910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	38051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	116560	57.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.20%			
35) Dibromofluoromethane	4.11	113	116710	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.00%			
50) Toluene-d8	7.56	98	236210	37.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.00%			
62) 4-Bromofluorobenzene	11.42	95	62429	21.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 43.00%			
Target Compounds						Qvalue
16) Acetone	2.23	43	7507	18.397	ug/l	95
52) Toluene	7.62	92	14271	2.993	ug/l	96
67) Ethyl Benzene	9.90	91	5963	1.036	ug/l	93
68) m/p-Xylenes	10.14	106	18495	9.132	ug/l	94
69) o-Xylene	10.72	106	5463	2.432	ug/l	73
95) Naphthalene	14.46	128	1661	1.016	ug/l #	89

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

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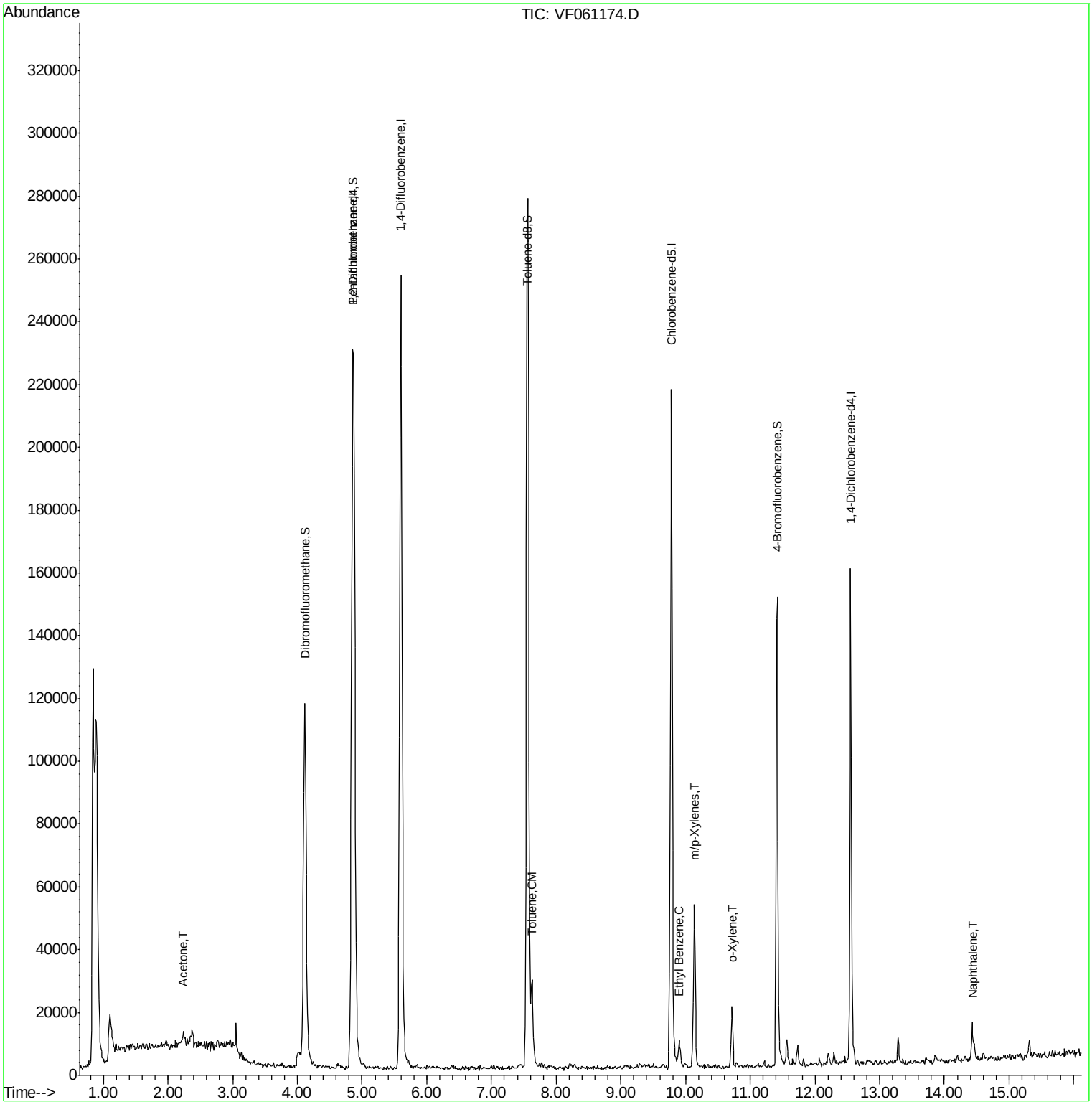
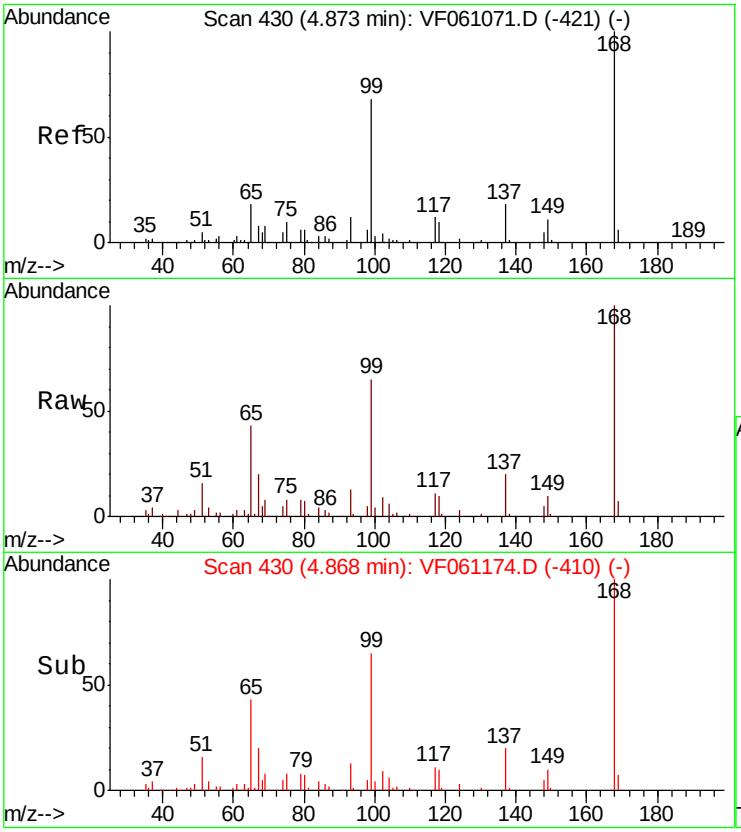
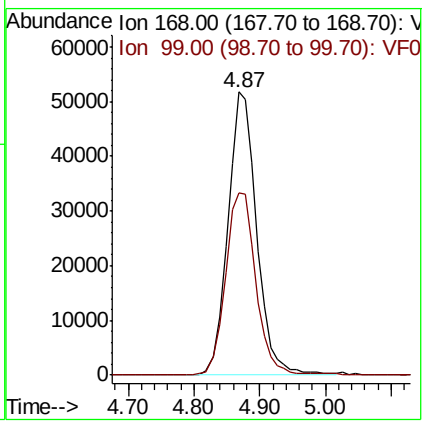




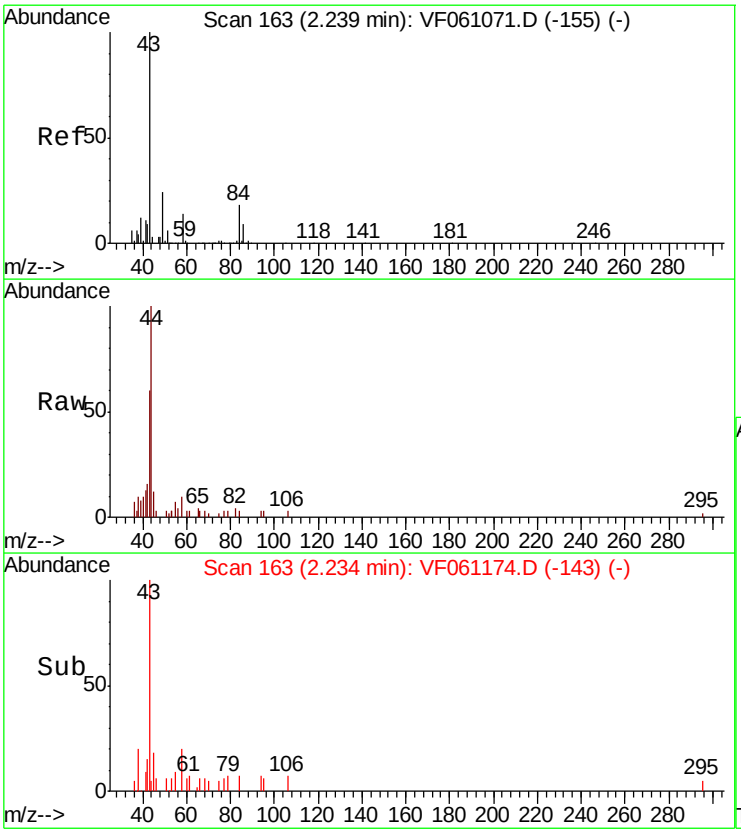
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.00 min
Lab File: VF061174.D
Acq: 24 Dec 2018 19:31

Tgt Ion:168 Resp: 158703

Ion	Ratio	Lower	Upper
168	100		
99	64.5	54.4	81.6



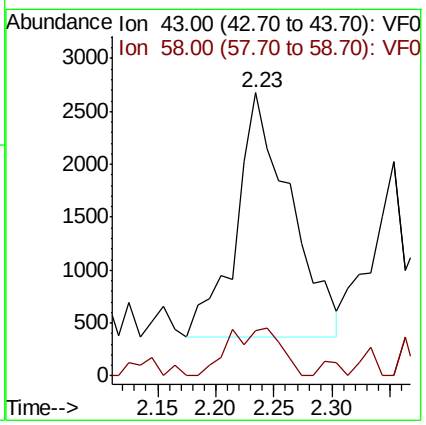
Instrument :
MSVOA_F
ClientSampleId :
P001-SS015-0006-01RE

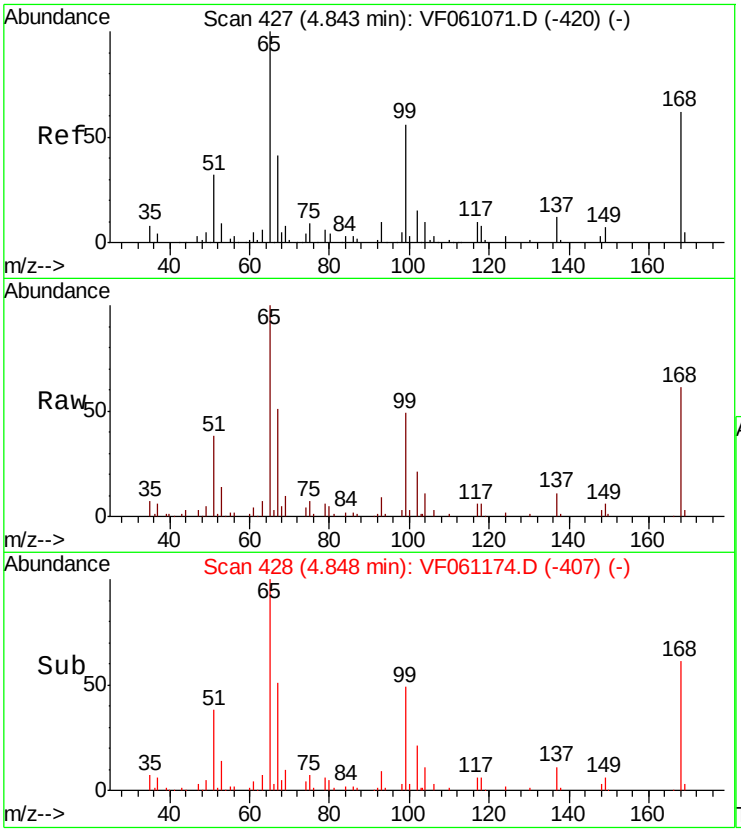


#16
Acetone
Concen: 18.397 ug/l
RT: 2.23 min Scan# 163
Delta R.T. -0.00 min
Lab File: VF061174.D
Acq: 24 Dec 2018 19:31

Tgt Ion: 43 Resp: 7507

Ion	Ratio	Lower	Upper
43	100		
58	16.0	11.1	16.7



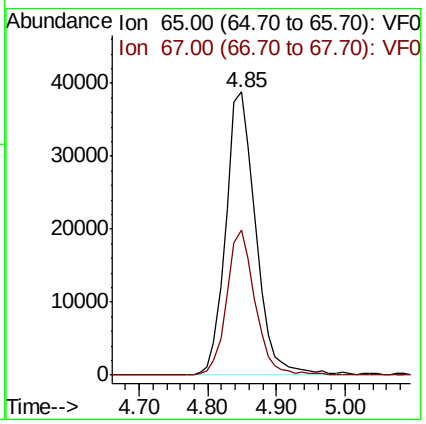


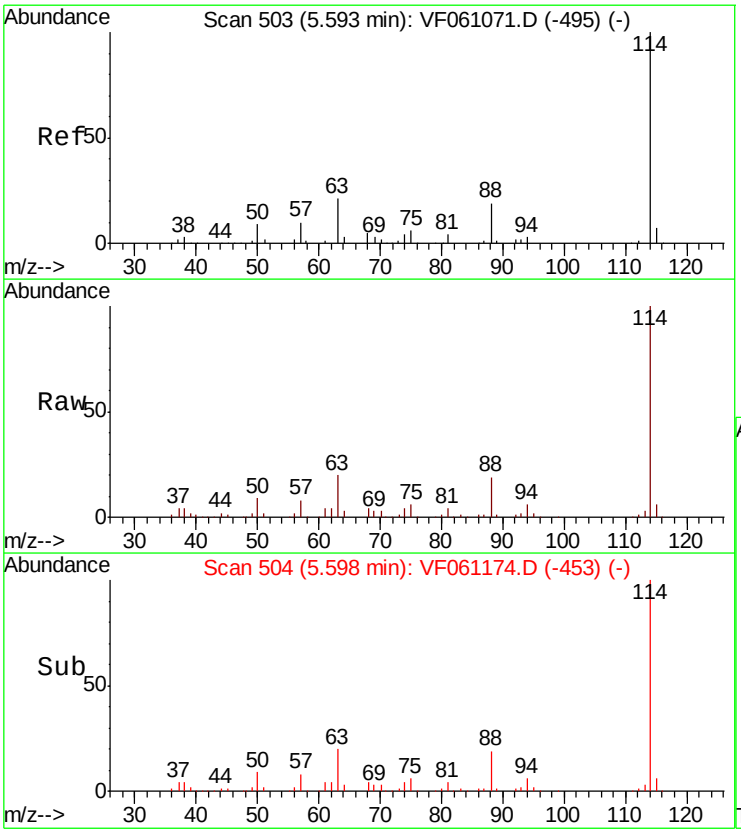
#33
1,2-Dichloroethane-d4
Concen: 57.104 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.01 min
Lab File: VF061174.D
Acq: 24 Dec 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
P001-SS015-0006-01RE

Tgt Ion: 65 Resp: 116560

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	94.6

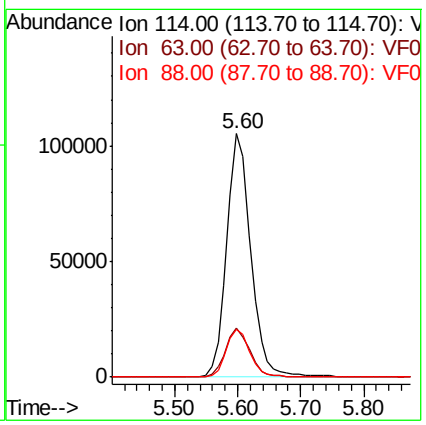


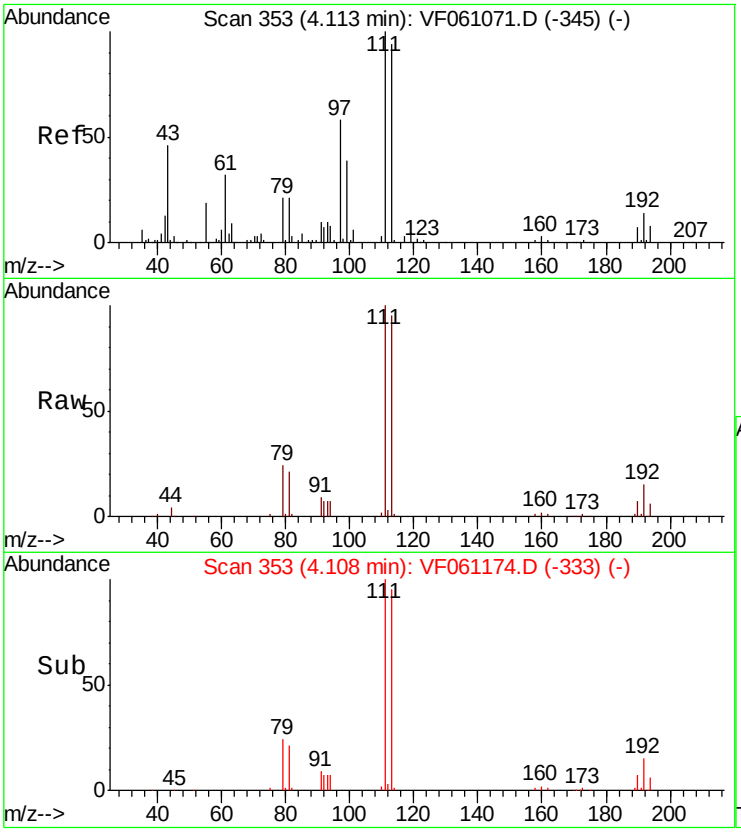


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF061174.D
Acq: 24 Dec 2018 19:31

Tgt Ion:114 Resp: 277501

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	41.6
88	19.4	0.0	38.0



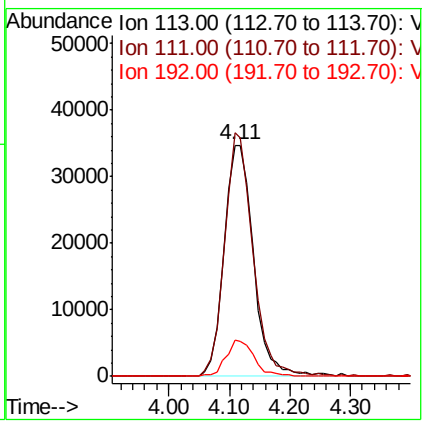


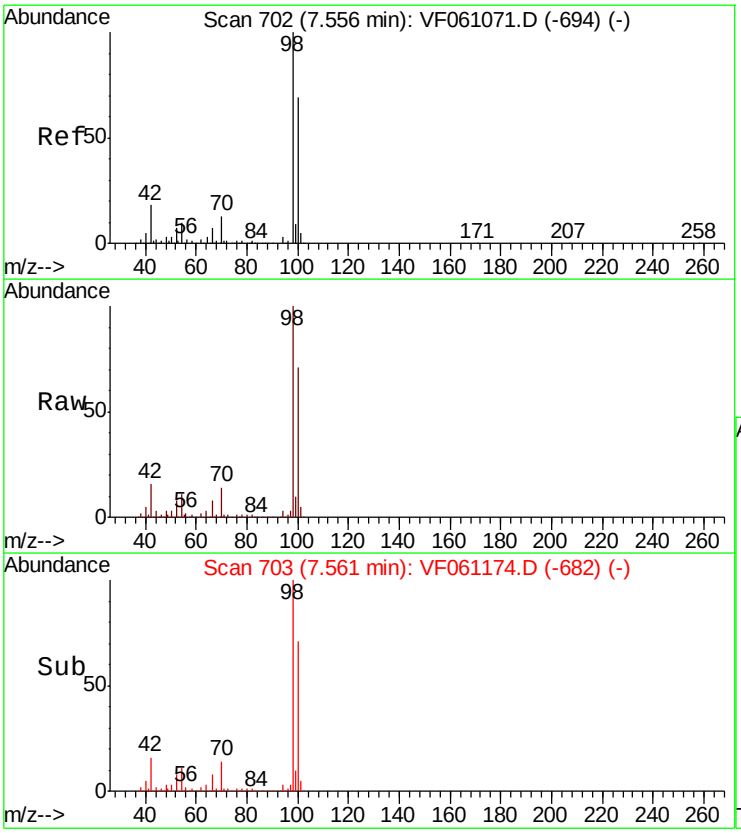
#35
Dibromofluoromethane
Concen: 52.502 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.00 min
Lab File: VF061174.D
Acq: 24 Dec 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
P001-SS015-0006-01RE

Tgt Ion:113 Resp: 116710

Ion	Ratio	Lower	Upper
113	100		
111	105.5	85.2	127.8
192	15.8	12.8	19.2

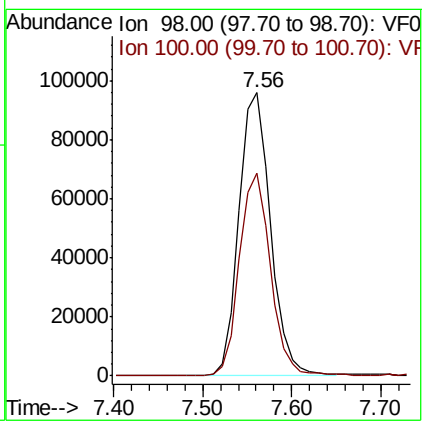


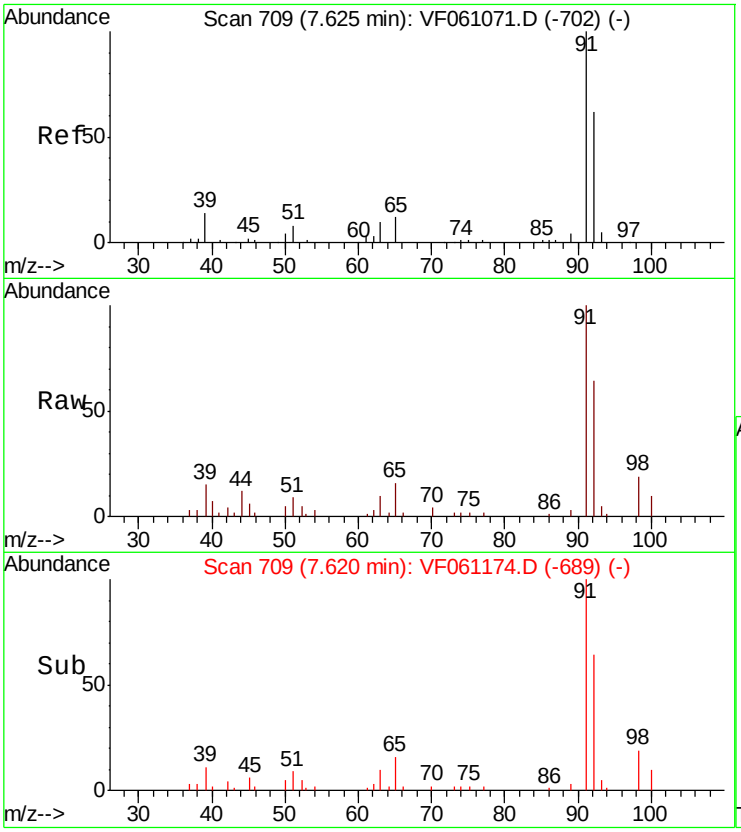


#50
Toluene-d8
Concen: 37.496 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF061174.D
Acq: 24 Dec 2018 19:31

Tgt Ion: 98 Resp: 236210

Ion	Ratio	Lower	Upper
98	100		
100	71.5	55.3	82.9



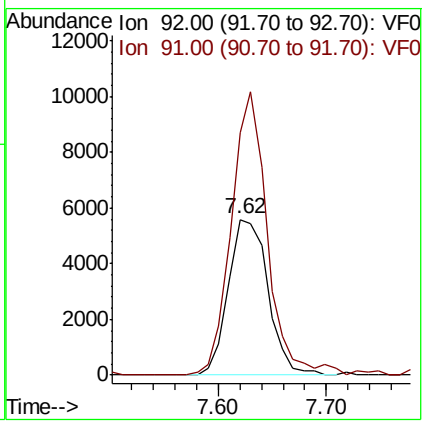


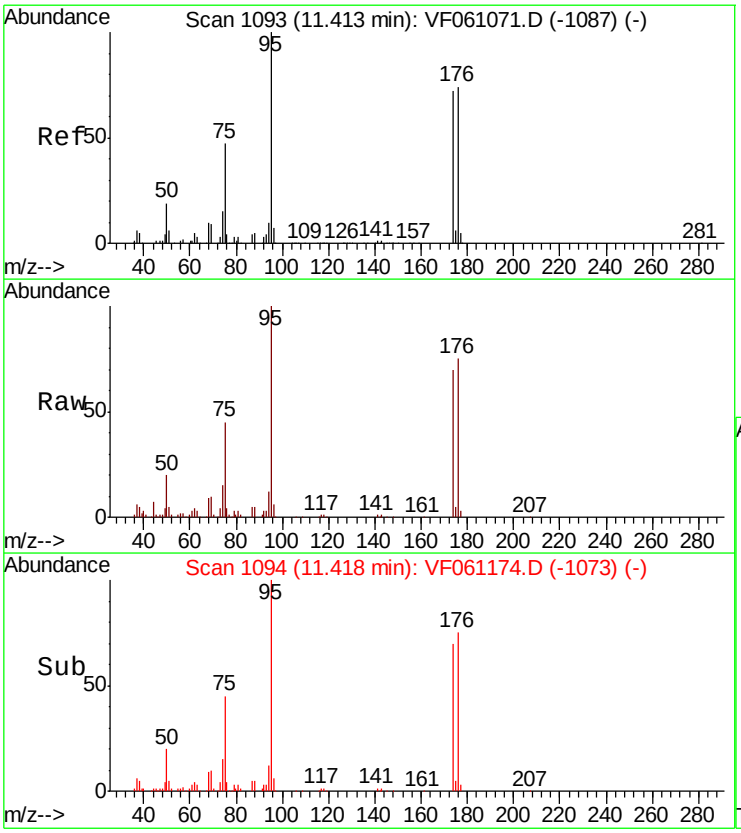
#52
Toluene
Concen: 2.993 ug/l
RT: 7.62 min Scan# 709
Delta R.T. -0.00 min
Lab File: VF061174.D
Acq: 24 Dec 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
P001-SS015-0006-01RE

Tgt Ion: 92 Resp: 14271

Ion	Ratio	Lower	Upper
92	100		
91	156.0	128.8	193.2

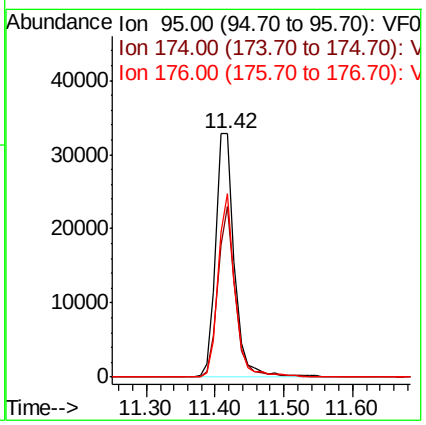


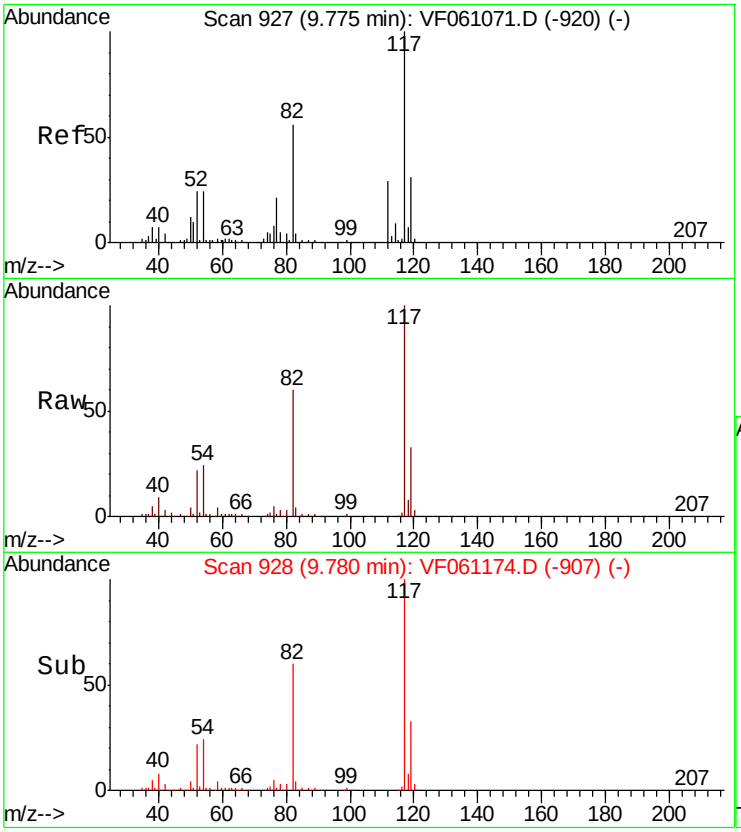


#62
4-Bromofluorobenzene
Concen: 21.496 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF061174.D
Acq: 24 Dec 2018 19:31

Tgt Ion: 95 Resp: 62429

Ion	Ratio	Lower	Upper
95	100		
174	69.8	0.0	143.8
176	75.3	0.0	147.6



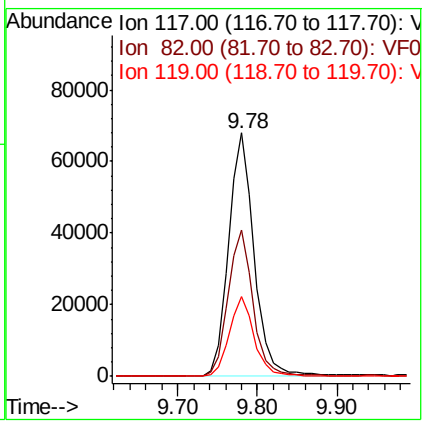


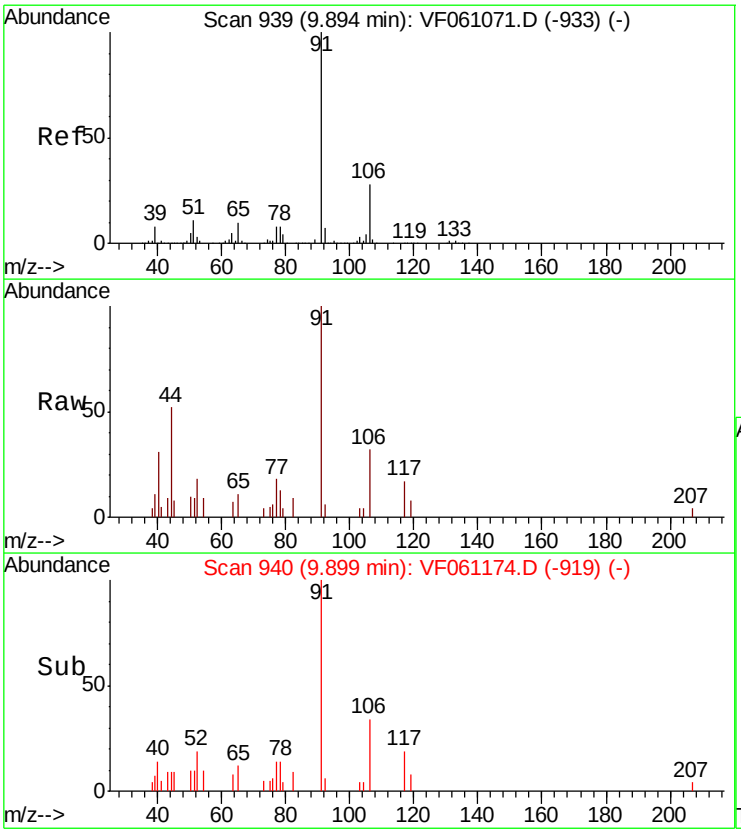
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF061174.D
Acq: 24 Dec 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
P001-SS015-0006-01RE

Tgt Ion:117 Resp: 152910

Ion	Ratio	Lower	Upper
117	100		
82	60.2	45.0	67.4
119	32.8	24.8	37.2

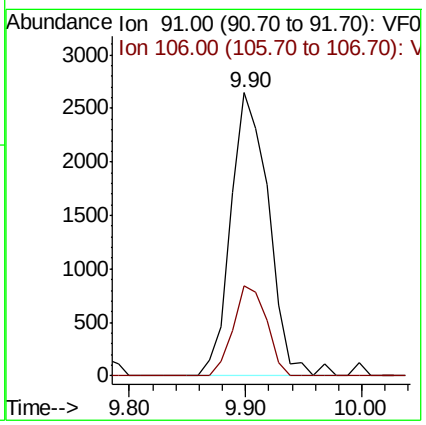


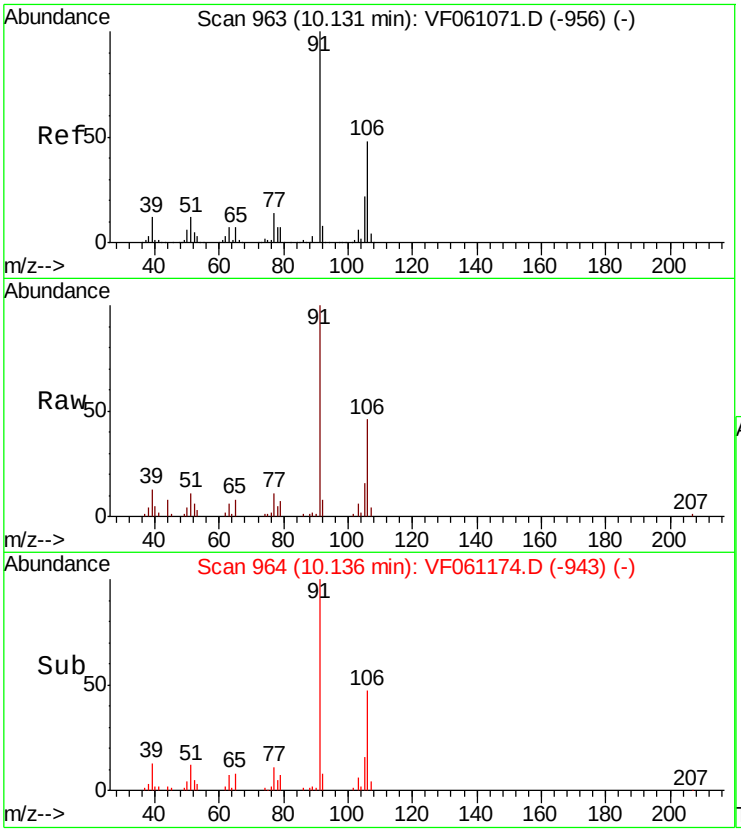


#67
Ethyl Benzene
Concen: 1.036 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.00 min
Lab File: VF061174.D
Acq: 24 Dec 2018 19:31

Tgt Ion: 91 Resp: 5963

Ion	Ratio	Lower	Upper
91	100		
106	31.9	22.5	33.7



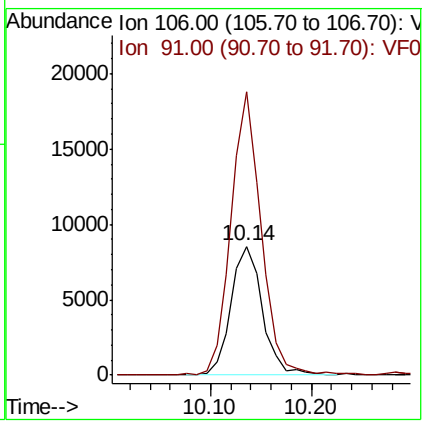


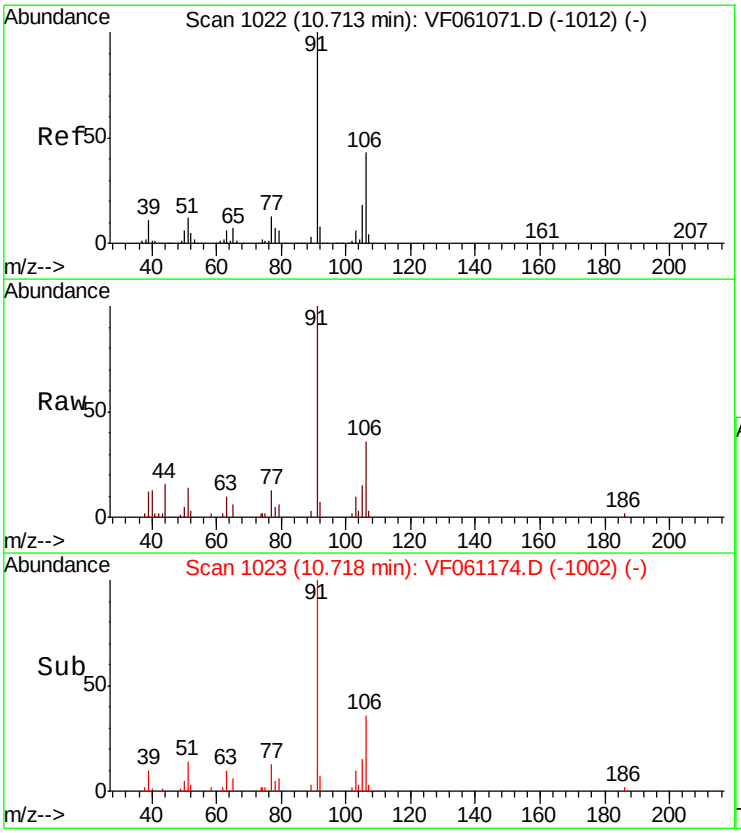
#68
m/p-Xylenes
Concen: 9.132 ug/l
RT: 10.14 min Scan# 964
Delta R.T. 0.00 min
Lab File: VF061174.D
Acq: 24 Dec 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
P001-SS015-0006-01RE

Tgt Ion:106 Resp: 18495

Ion	Ratio	Lower	Upper
106	100		
91	219.3	168.2	252.2

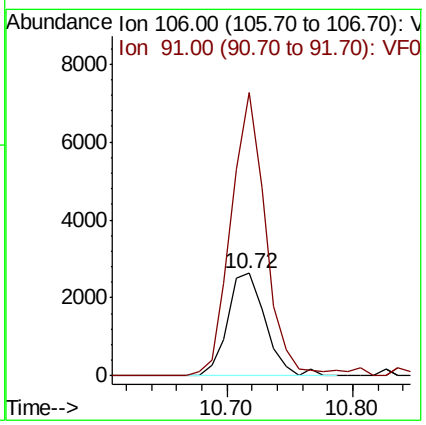


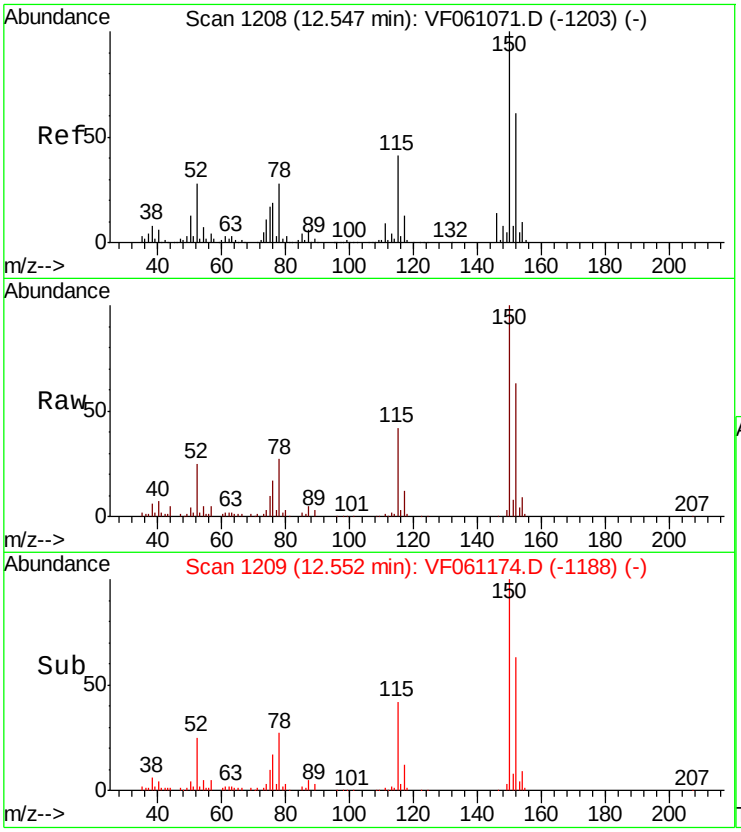


#69
o-Xylene
Concen: 2.432 ug/l
RT: 10.72 min Scan# 1023
Delta R.T. 0.01 min
Lab File: VF061174.D
Acq: 24 Dec 2018 19:31

Tgt Ion:106 Resp: 5463

Ion	Ratio	Lower	Upper
106	100		
91	276.7	115.9	347.7



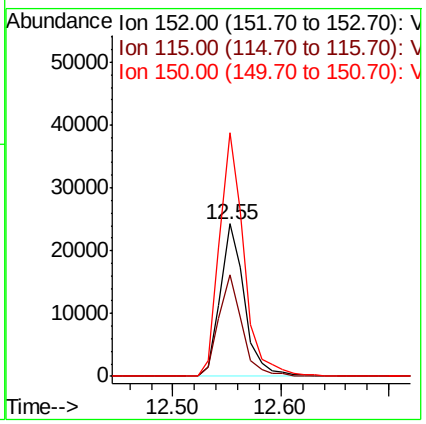


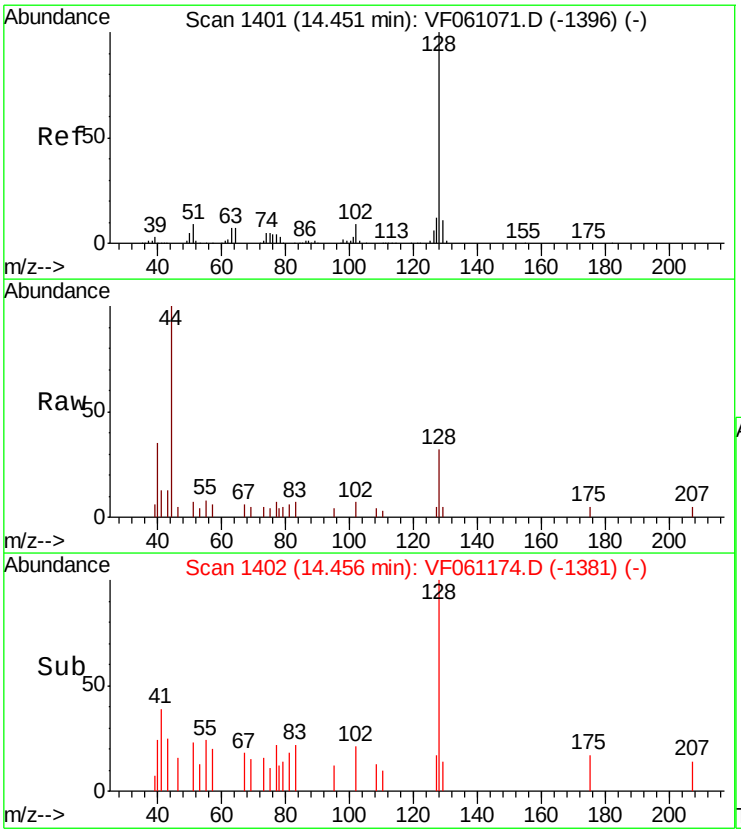
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061174.D
Acq: 24 Dec 2018 19:31

Instrument :
MSVOA_F
ClientSampleId :
P001-SS015-0006-01RE

Tgt Ion:152 Resp: 38051

Ion	Ratio	Lower	Upper
152	100		
115	66.5	33.3	99.9
150	159.6	0.0	328.2





#95
Naphthalene
Concen: 1.016 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. 0.01 min
Lab File: VF061174.D
Acq: 24 Dec 2018 19:31

Tgt Ion:128 Resp: 1661

Ion	Ratio	Lower	Upper
128	100		
127	16.6	9.4	14.2#
129	14.5	8.8	13.2#