Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021219\
Data File : VF061616.D
Acq On : 12 Feb 2019 18:39
Operator : VA/AP
Sample : K1343-19
Misc : 6.61g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-J

Quant Time: Feb 13 03:22:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	197933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	362182	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	294675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	145248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	111547	45.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.30%			
35) Dibromofluoromethane	4.11	113	128115	44.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.66%			
50) Toluene-d8	7.55	98	311843	39.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.66%			
62) 4-Bromofluorobenzene	11.41	95	138387	37.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.66%			
Target Compounds						Qvalue
16) Acetone	2.23	43	24291	49.549	ug/l	94
20) Methylene Chloride	2.18	84	11424m	5.294	ug/l	
52) Toluene	7.63	92	9026	1.467	ug/l	97
84) 1,2,4-Trimethylbenzene	12.21	105	19717	2.008	ug/l	88
95) Naphthalene	14.46	128	18889	3.041	ug/l #	77

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

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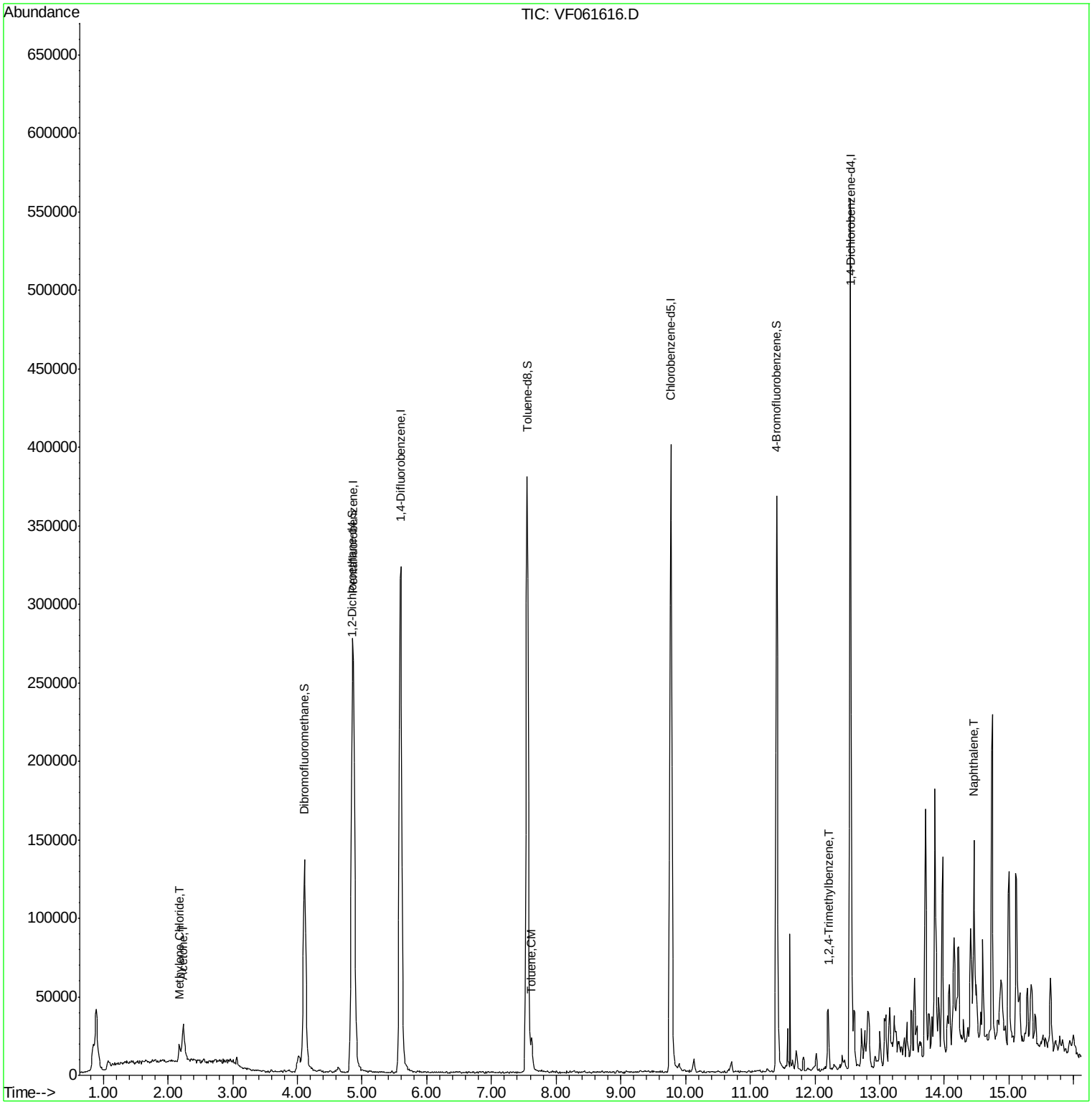
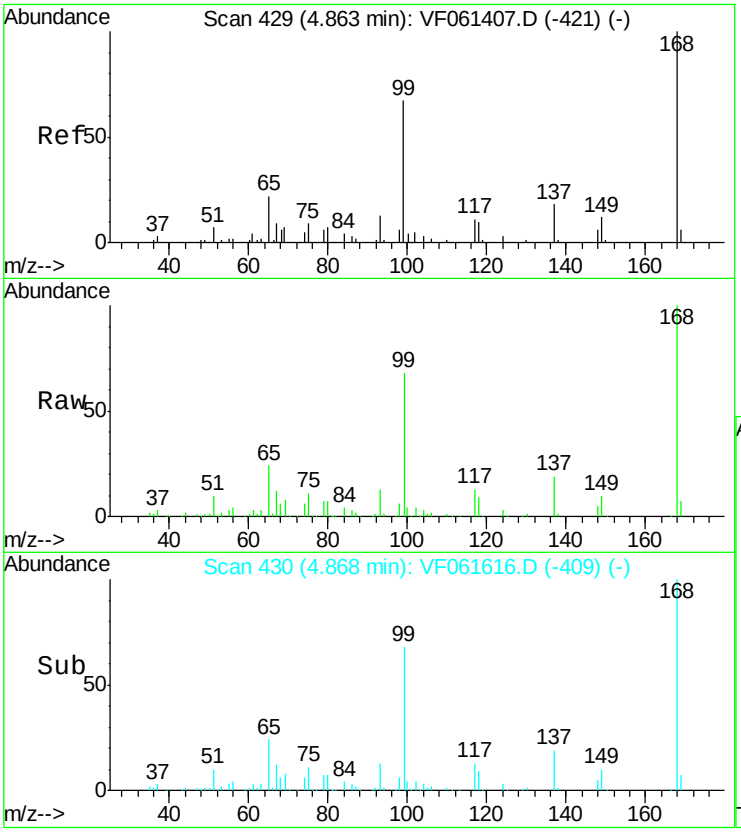


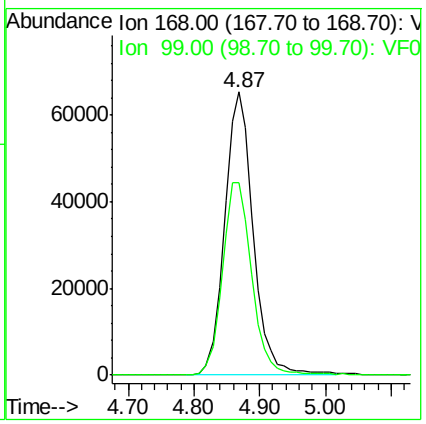


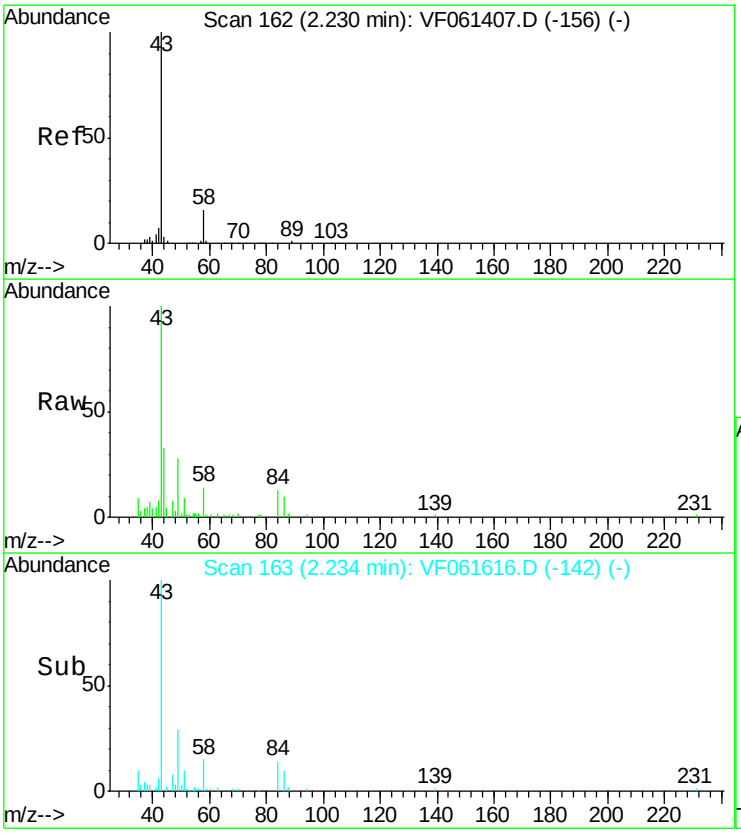
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.00 min
Lab File: VF061616.D
Acq: 12 Feb 2019 18:39

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-J

Tgt Ion:168 Resp: 197933

Ion	Ratio	Lower	Upper
168	100		
99	68.1	53.5	80.3

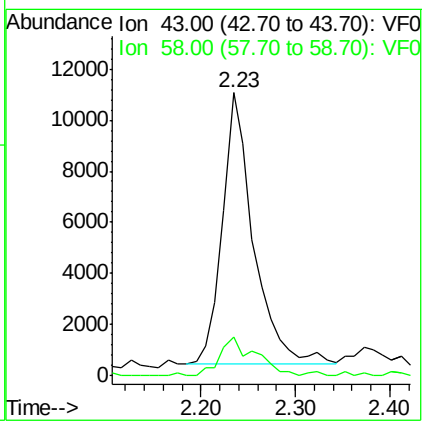


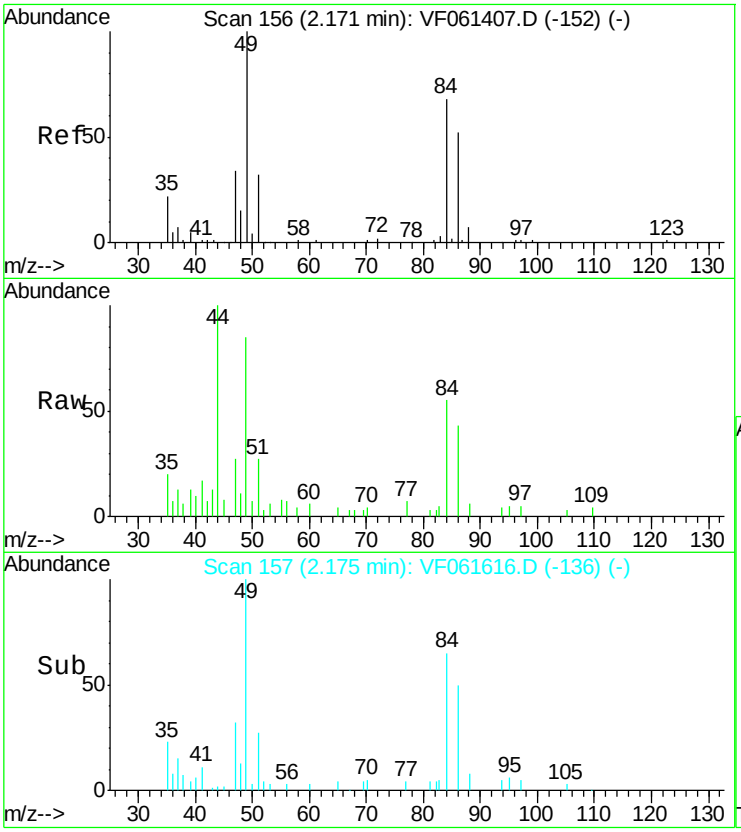


#16
Acetone
Concen: 49.549 ug/l
RT: 2.23 min Scan# 163
Delta R.T. 0.00 min
Lab File: VF061616.D
Acq: 12 Feb 2019 18:39

Tgt Ion: 43 Resp: 24291

Ion	Ratio	Lower	Upper
43	100		
58	13.8	13.3	19.9



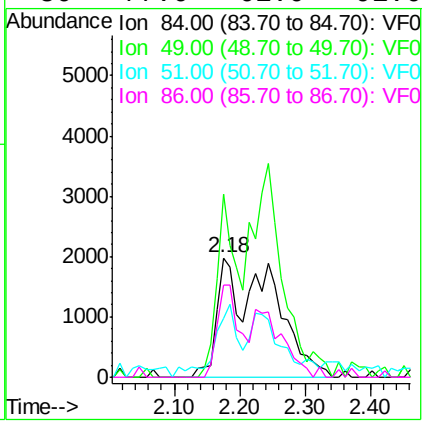


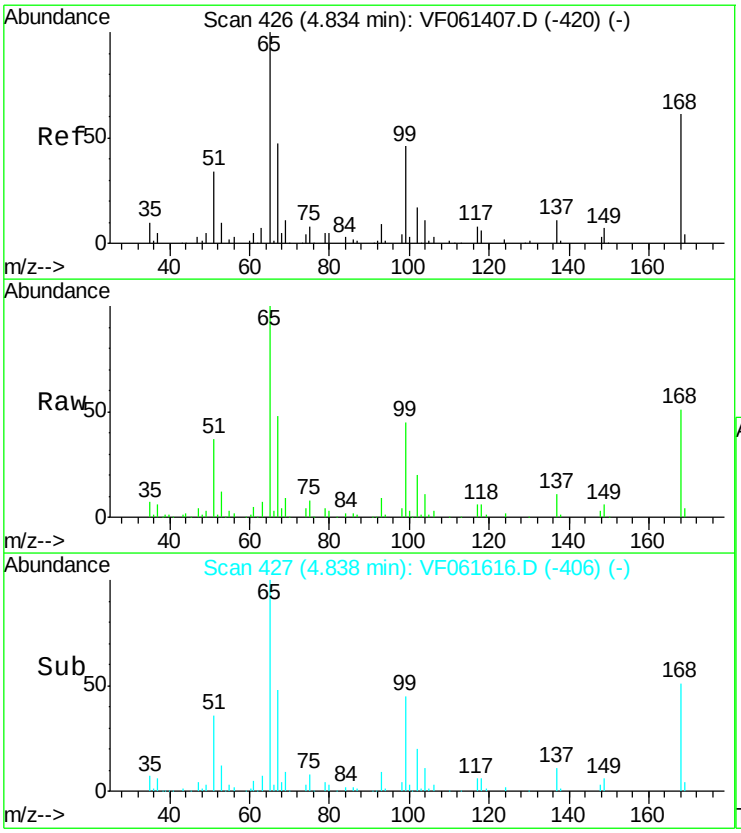
#20
Methylene Chloride
Concen: 5.294 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. 0.01 min
Lab File: VF061616.D
Acq: 12 Feb 2019 18:39

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-J

Tgt Ion: 84 Resp: 11424

Ion	Ratio	Lower	Upper
84	100		
49	154.1	120.0	180.0
51	49.3	38.6	58.0
86	77.6	61.0	91.6

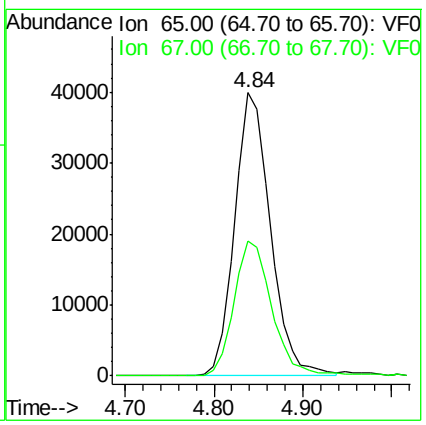


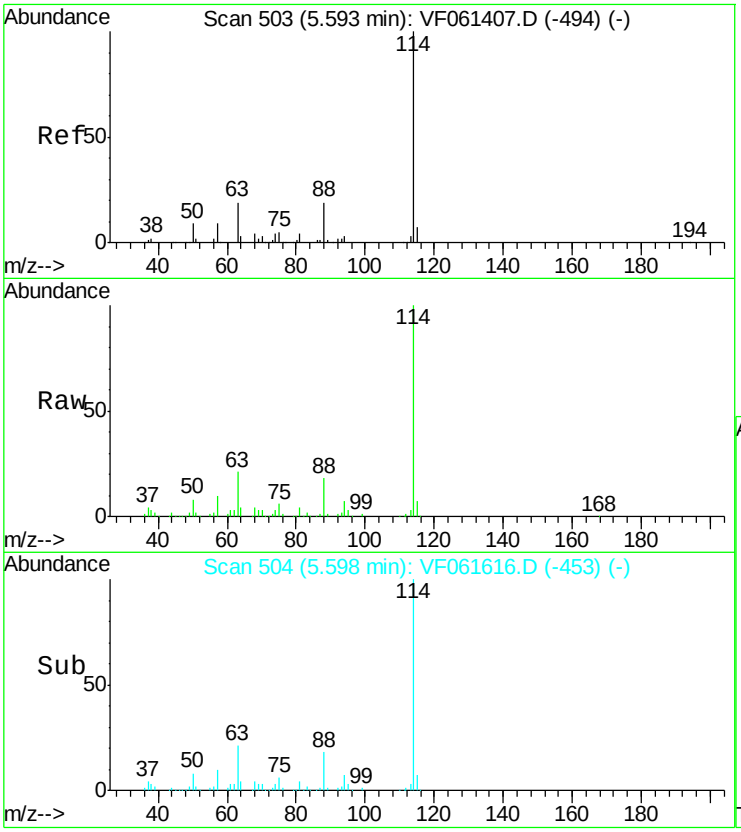


#33
1,2-Dichloroethane-d4
Concen: 45.646 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.00 min
Lab File: VF061616.D
Acq: 12 Feb 2019 18:39

Tgt Ion: 65 Resp: 111547

Ion	Ratio	Lower	Upper
65	100		
67	47.5	0.0	99.8



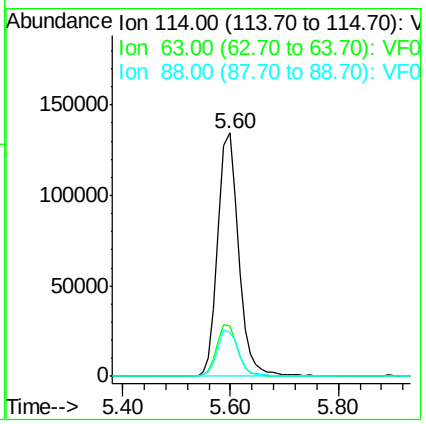


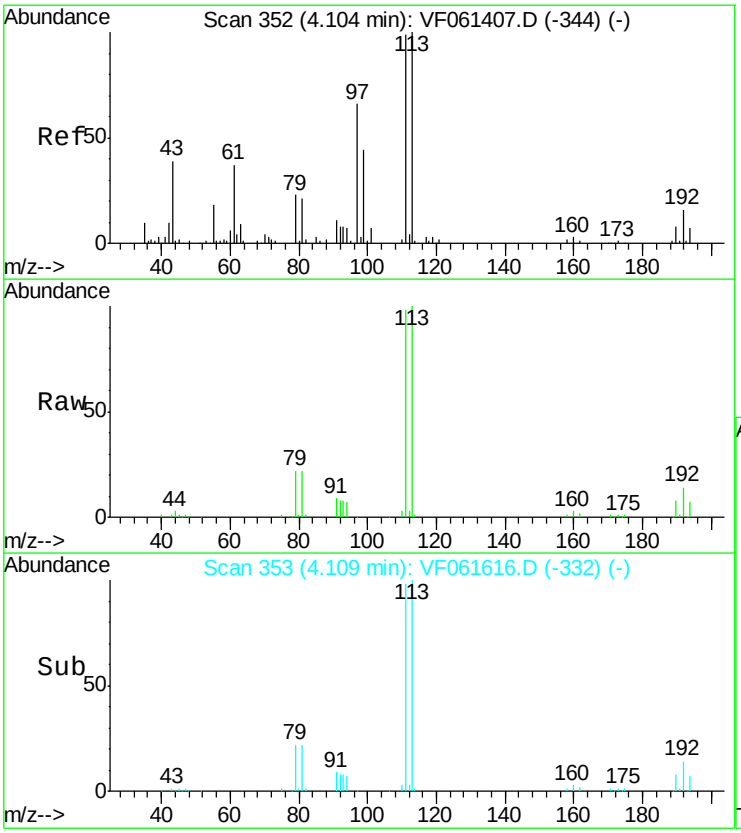
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.00 min
Lab File: VF061616.D
Acq: 12 Feb 2019 18:39

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-J

Tgt Ion:114 Resp: 362182

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.0
88	17.9	0.0	37.4

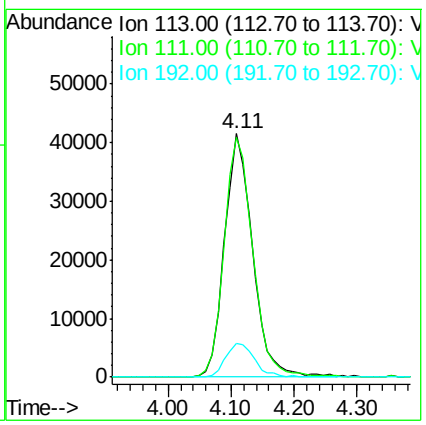


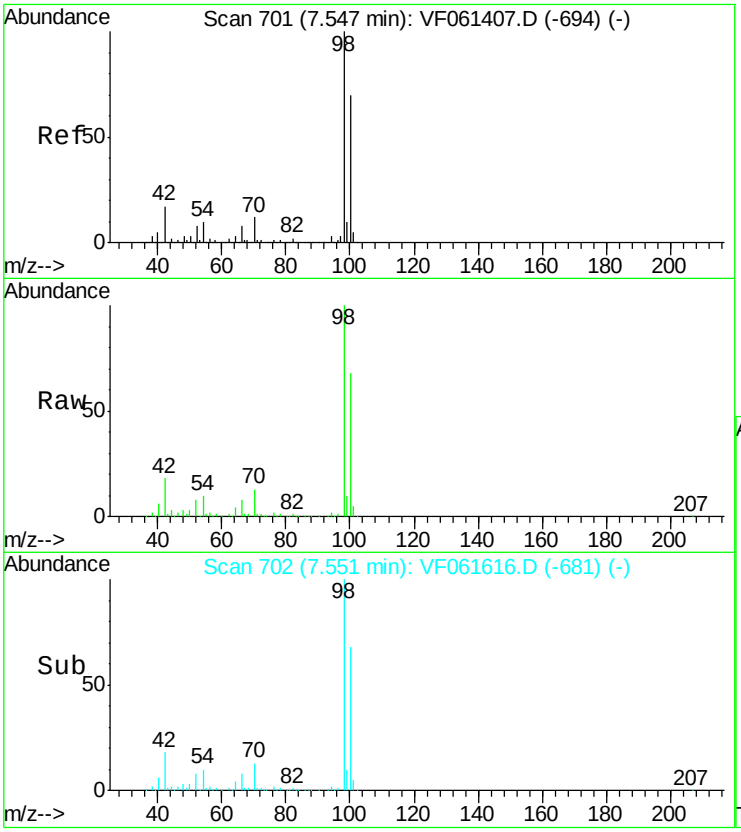


#35
Dibromofluoromethane
Concen: 44.828 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.00 min
Lab File: VF061616.D
Acq: 12 Feb 2019 18:39

Tgt Ion:113 Resp: 128115

Ion	Ratio	Lower	Upper
113	100		
111	98.3	79.4	119.0
192	13.9	12.4	18.6



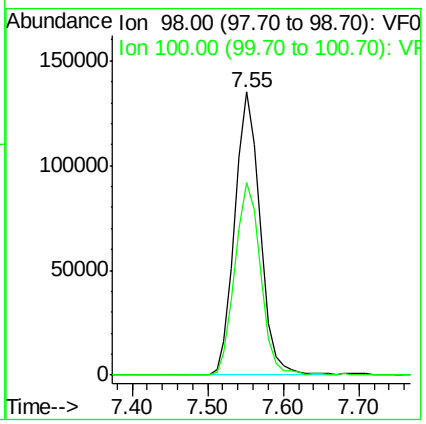


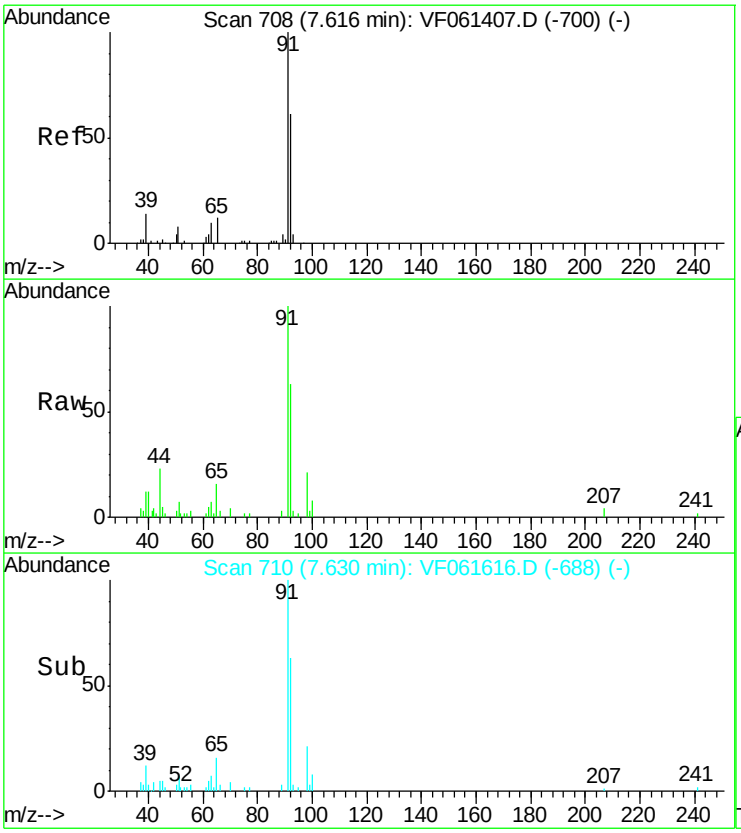
#50
Toluene-d8
Concen: 39.826 ug/l
RT: 7.55 min Scan# 702
Delta R.T. 0.00 min
Lab File: VF061616.D
Acq: 12 Feb 2019 18:39

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-J

Tgt Ion: 98 Resp: 311843

Ion	Ratio	Lower	Upper
98	100		
100	68.0	55.6	83.4

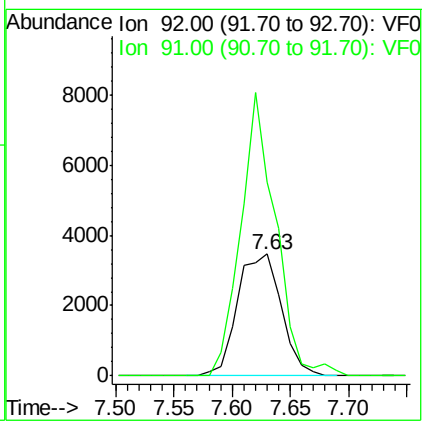


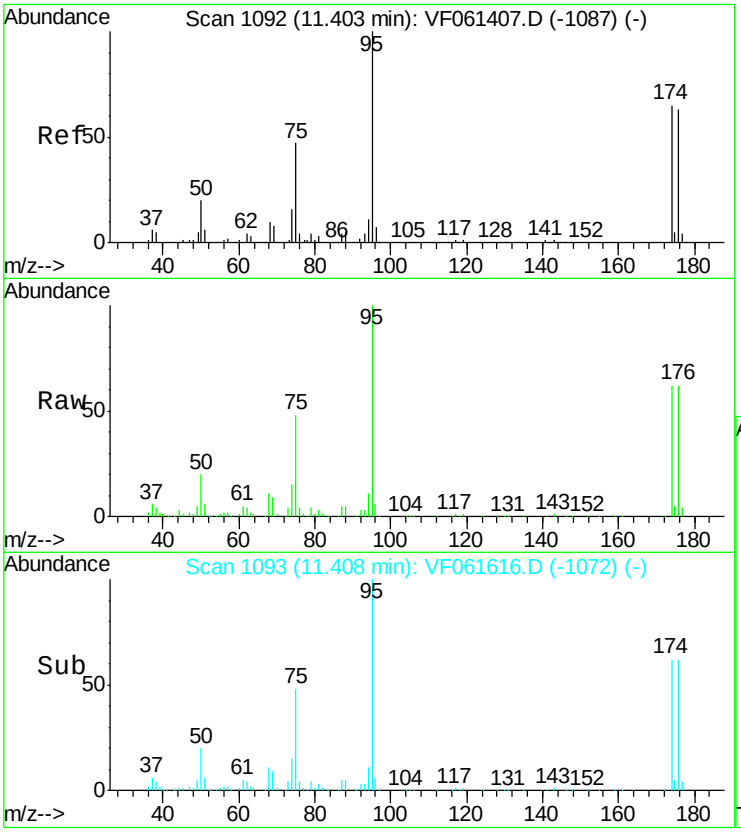


#52
Toluene
Concen: 1.467 ug/l
RT: 7.63 min Scan# 710
Delta R.T. 0.01 min
Lab File: VF061616.D
Acq: 12 Feb 2019 18:39

Tgt Ion: 92 Resp: 9026

Ion	Ratio	Lower	Upper
92	100		
91	159.5	131.2	196.8



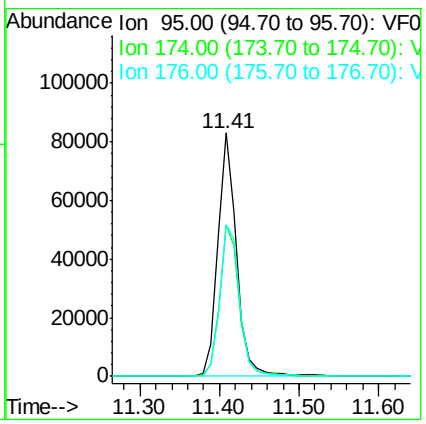


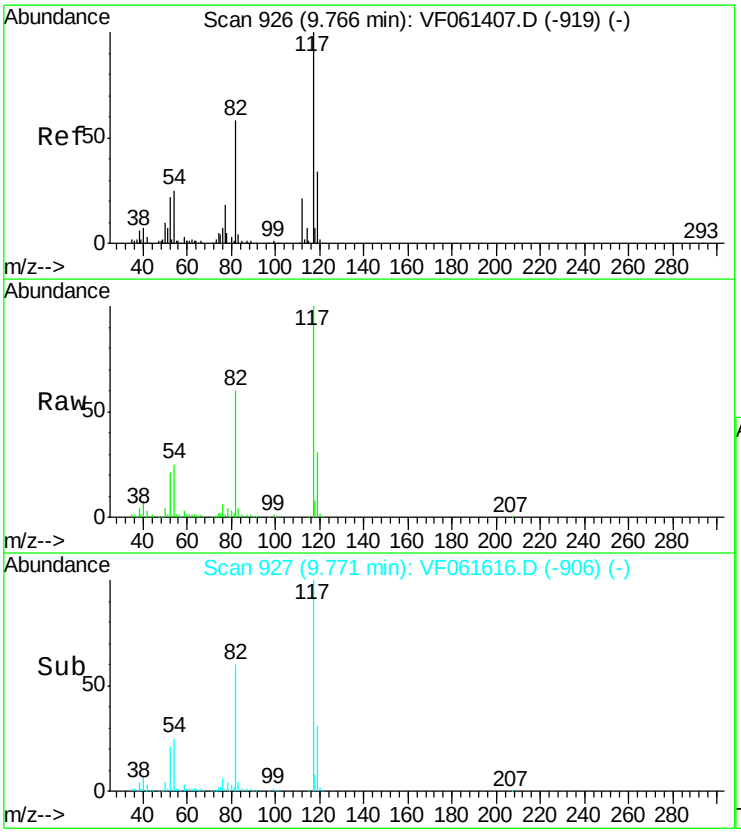
#62
4-Bromofluorobenzene
Concen: 37.826 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VF061616.D
Acq: 12 Feb 2019 18:39

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-J

Tgt Ion: 95 Resp: 138387

Ion	Ratio	Lower	Upper
95	100		
174	62.3	0.0	130.4
176	62.1	0.0	126.2

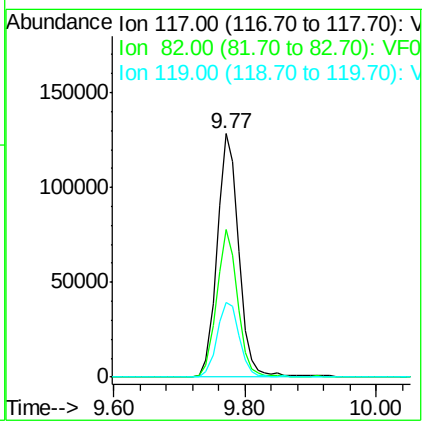


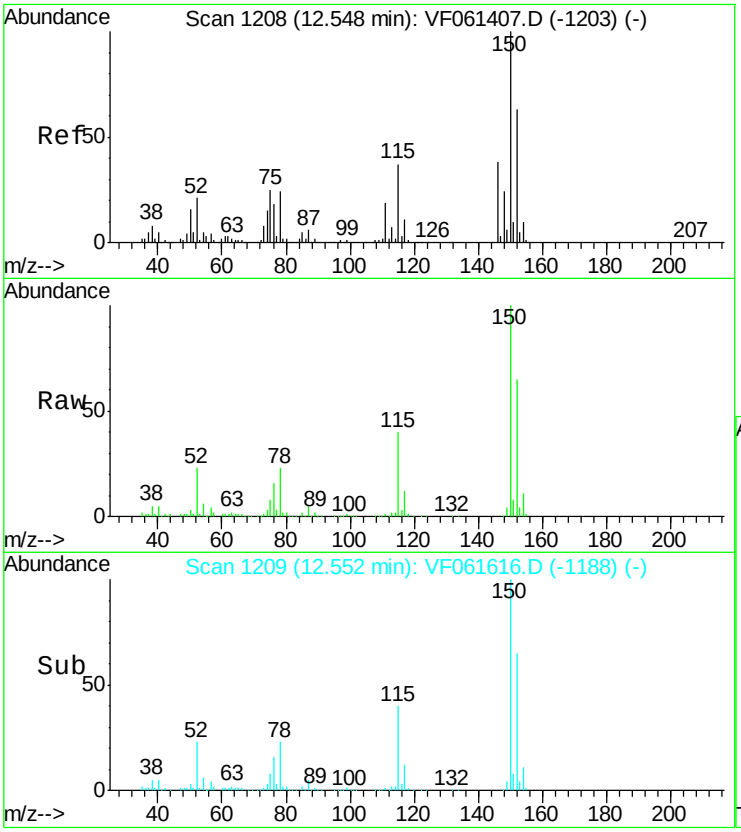


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.00 min
Lab File: VF061616.D
Acq: 12 Feb 2019 18:39

Tgt Ion:117 Resp: 294675

Ion	Ratio	Lower	Upper
117	100		
82	60.5	46.4	69.6
119	30.7	27.2	40.8



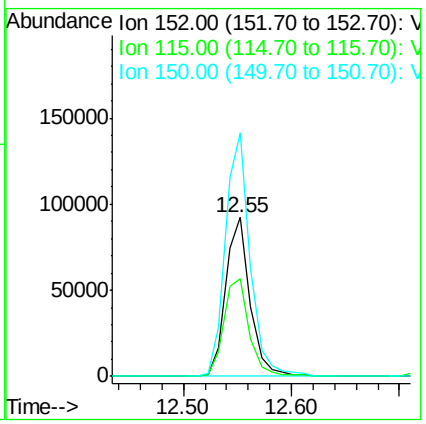


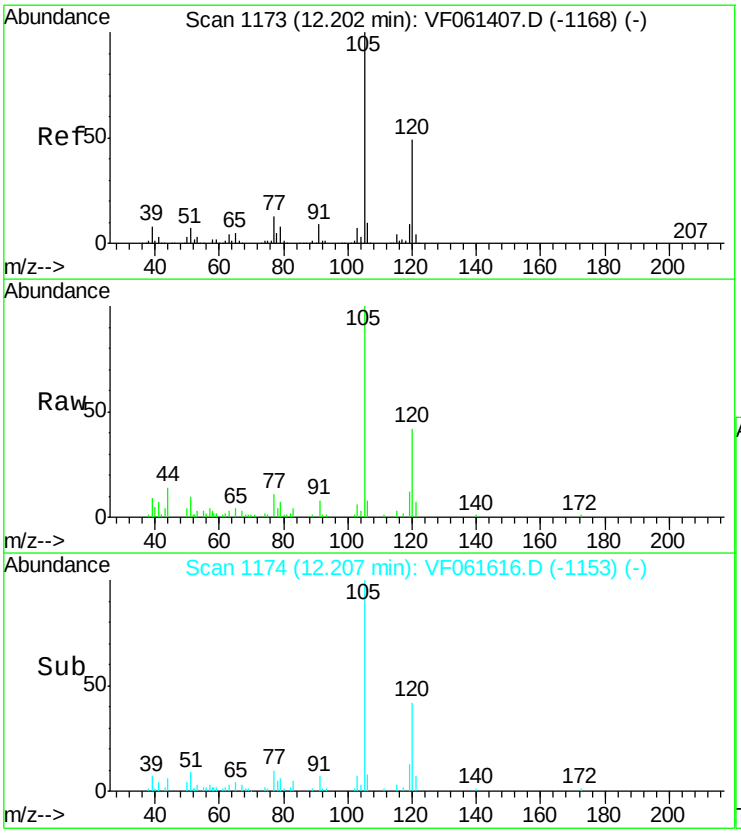
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF061616.D
Acq: 12 Feb 2019 18:39

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-J

Tgt Ion:152 Resp: 145248

Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.0	90.0
150	153.2	0.0	321.4

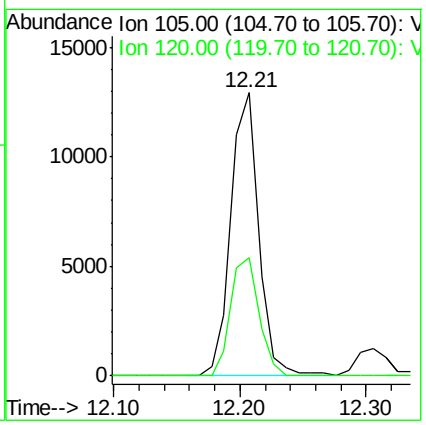


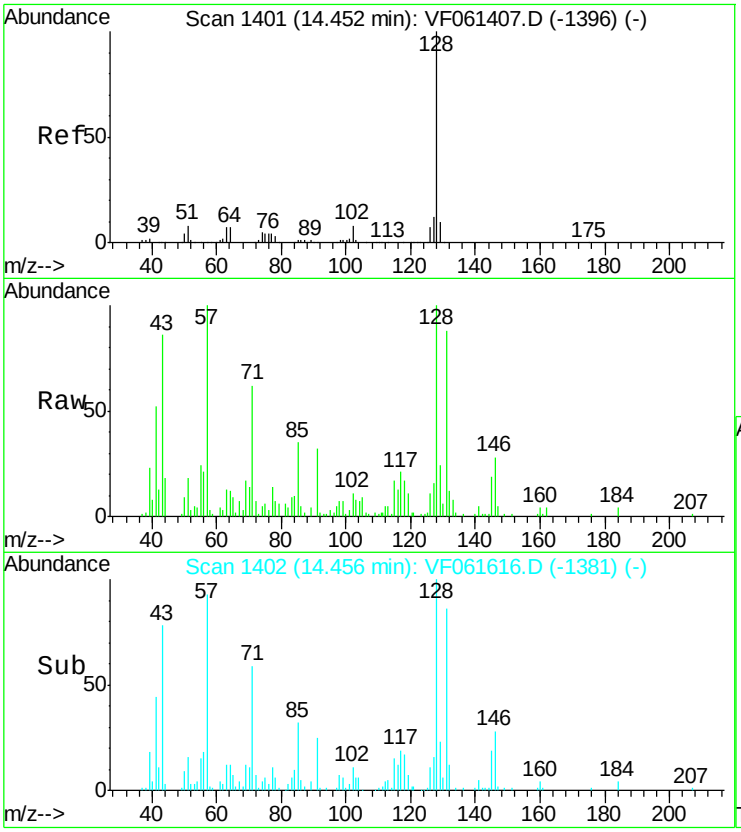


#84
1,2,4-Trimethylbenzene
Concen: 2.008 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VF061616.D
Acq: 12 Feb 2019 18:39

Tgt Ion:105 Resp: 19717

Ion	Ratio	Lower	Upper
105	100		
120	41.6	24.9	74.6





#95
Naphthalene
Concen: 3.041 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. 0.00 min
Lab File: VF061616.D
Acq: 12 Feb 2019 18:39

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-J

Tgt Ion:128 Resp: 18889

Ion	Ratio	Lower	Upper
128	100		
127	16.2	9.5	14.3#
129	23.9	8.4	12.6#