Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012519\
Data File : VF061529.D
Acq On : 25 Jan 2019 19:14
Operator : VA/AP
Sample : K1250-02
Misc : 5.32g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 28 04:27:50 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

Instrument :
MSVOA_F
ClientSampleId :
DRUM-6

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	175139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	325926	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	198779	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	76986	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	98352	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.96%			
35) Dibromofluoromethane	4.10	113	114218	44.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.82%			
50) Toluene-d8	7.55	98	218691	31.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 62.08%			
62) 4-Bromofluorobenzene	11.41	95	186300	56.59	ug/l	0.01
Spiked Amount 50.000			Recovery = 113.18%			
Target Compounds						Qvalue
31) Cyclohexane	3.69	56	18799m	5.409	ug/l	
39) Methylcyclohexane	5.45	83	75921	18.539	ug/l	97
80) 1,3,5-Trimethylbenzene	11.82	105	89009	17.615	ug/l	95

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

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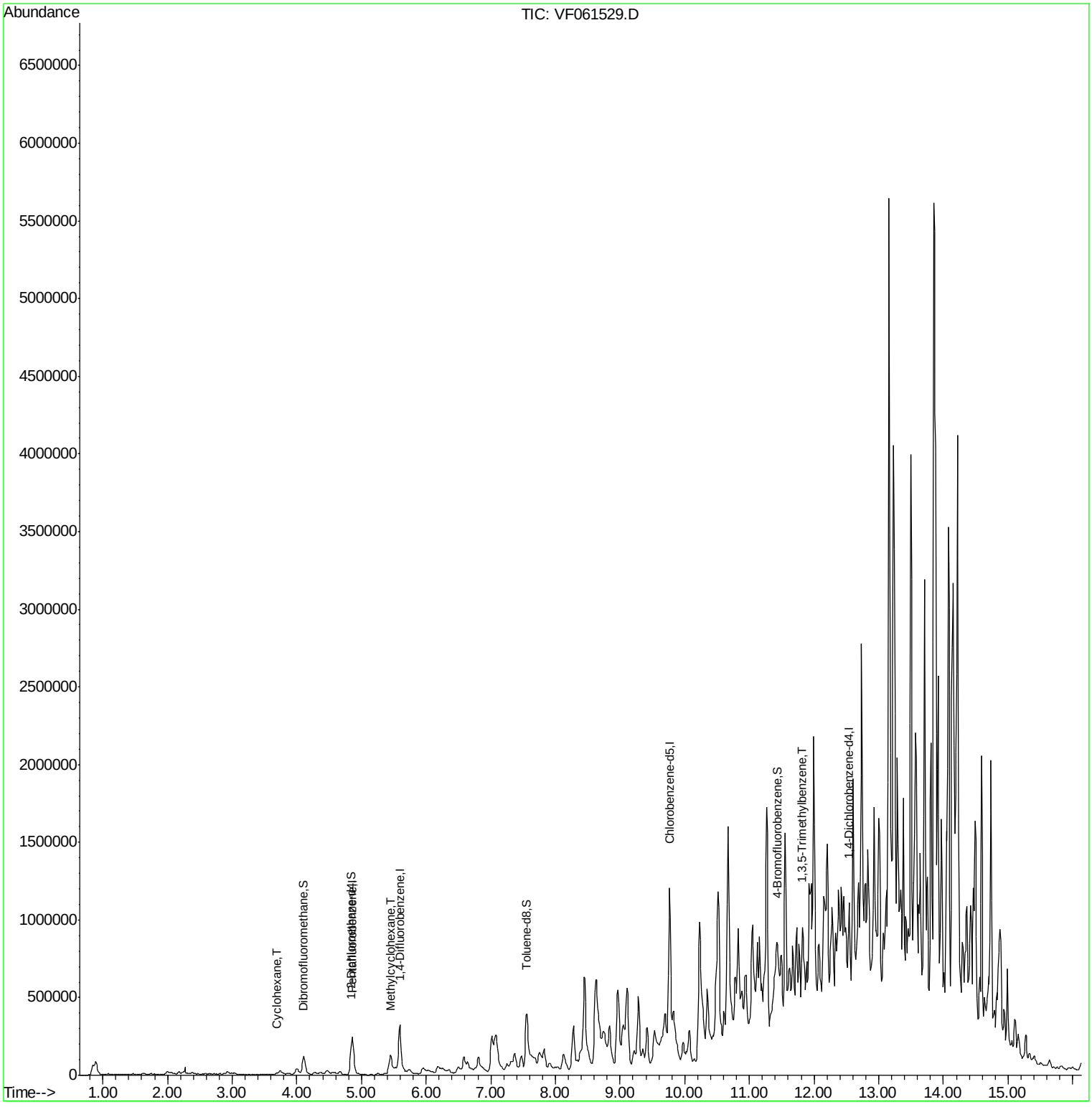
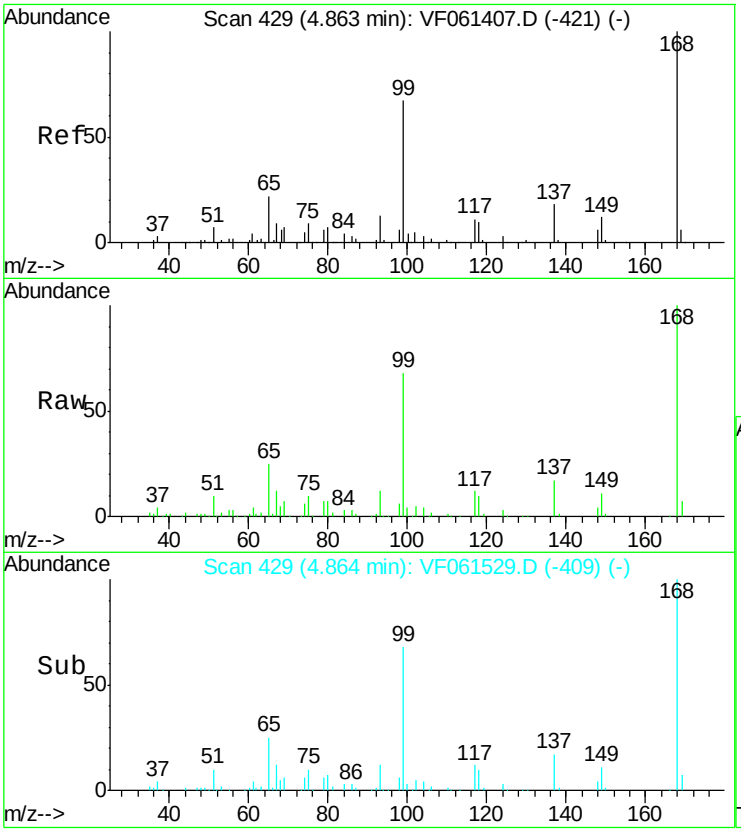
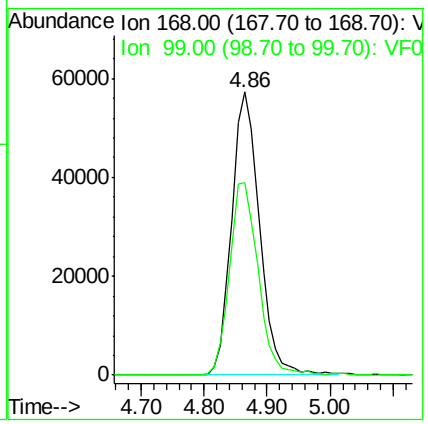




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.00 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

Tgt Ion:168 Resp: 175139

Ion	Ratio	Lower	Upper
168	100		
99	67.9	53.5	80.3



Instrument :
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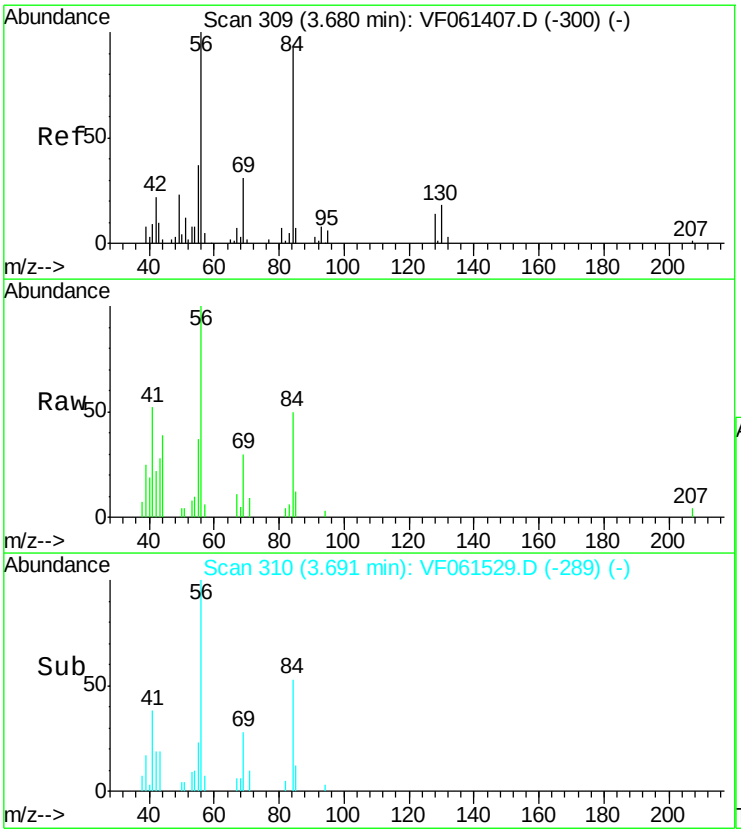
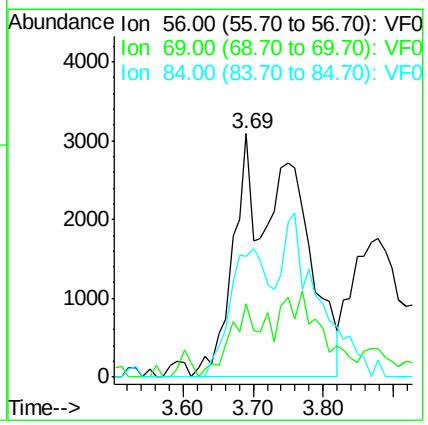
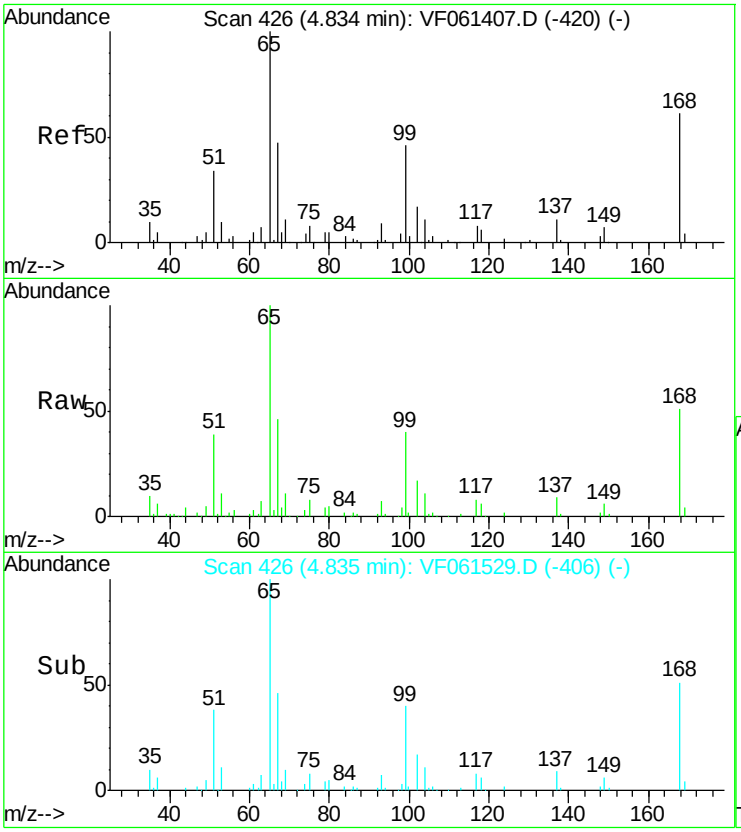


#31
Cyclohexane
Concen: 5.409 ug/l m
RT: 3.69 min Scan# 310
Delta R.T. 0.01 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

Tgt Ion: 56 Resp: 18799

Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.6	36.8
84	49.8	74.2	111.2#

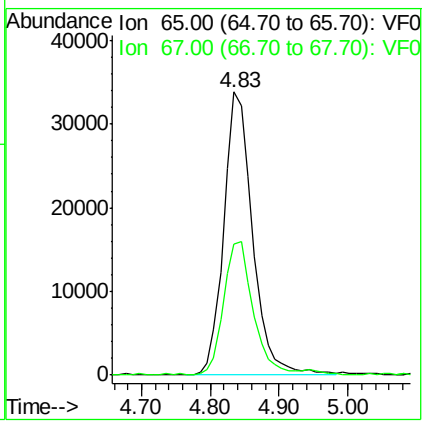




#33
1,2-Dichloroethane-d4
Concen: 45.485 ug/l
RT: 4.83 min Scan# 426
Delta R.T. 0.00 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

Tgt Ion: 65 Resp: 98352

Ion	Ratio	Lower	Upper
65	100		
67	46.1	0.0	99.8



Instrument :
MSVOA_F
ClientSampleId :
DRUM-6

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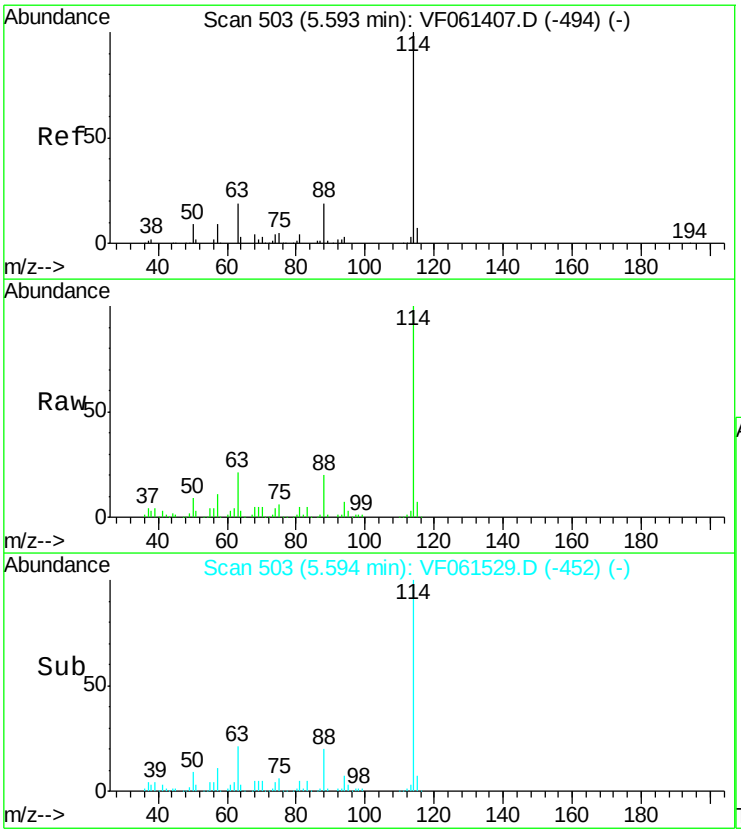
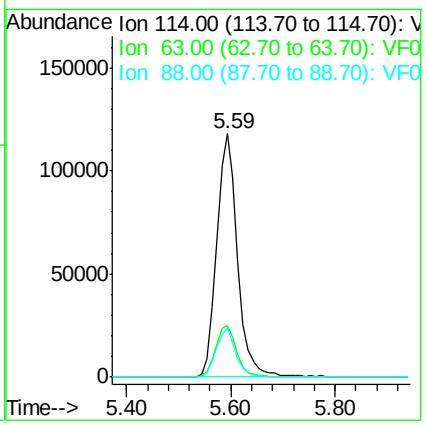
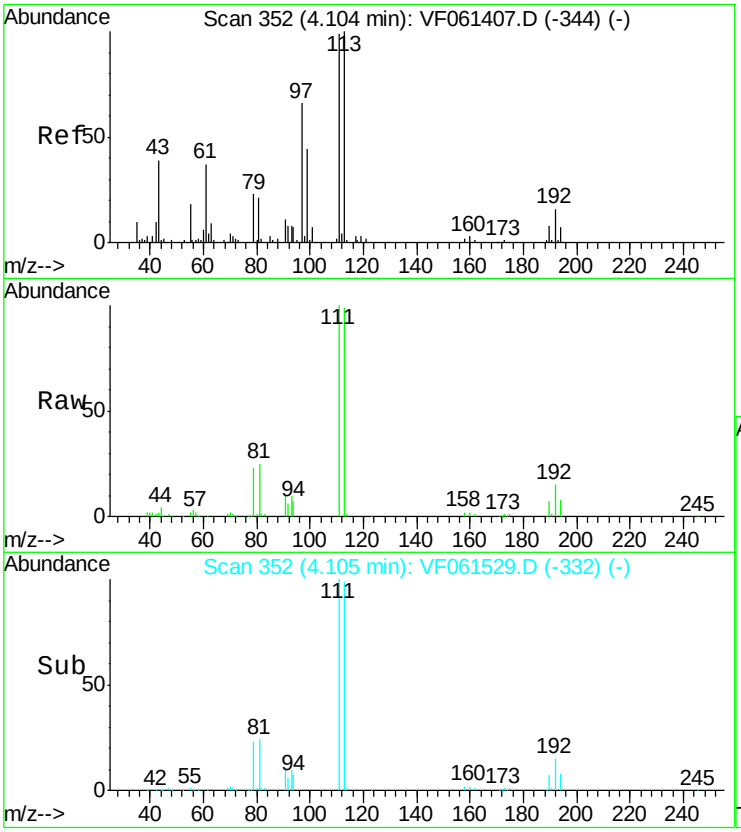


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. 0.00 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

Tgt Ion:114 Resp: 325926

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	39.0
88	20.3	0.0	37.4

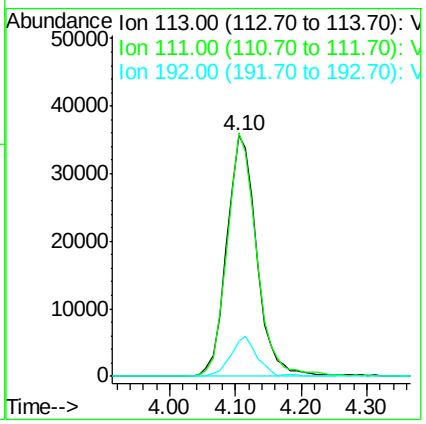




#35
Dibromofluoromethane
Concen: 44.411 ug/l
RT: 4.10 min Scan# 352
Delta R.T. 0.00 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

Tgt Ion:113 Resp: 114218

Ion	Ratio	Lower	Upper
113	100		
111	101.1	79.4	119.0
192	14.7	12.4	18.6



Instrument :
MSVOA_F
ClientSampleId :
DRUM-6

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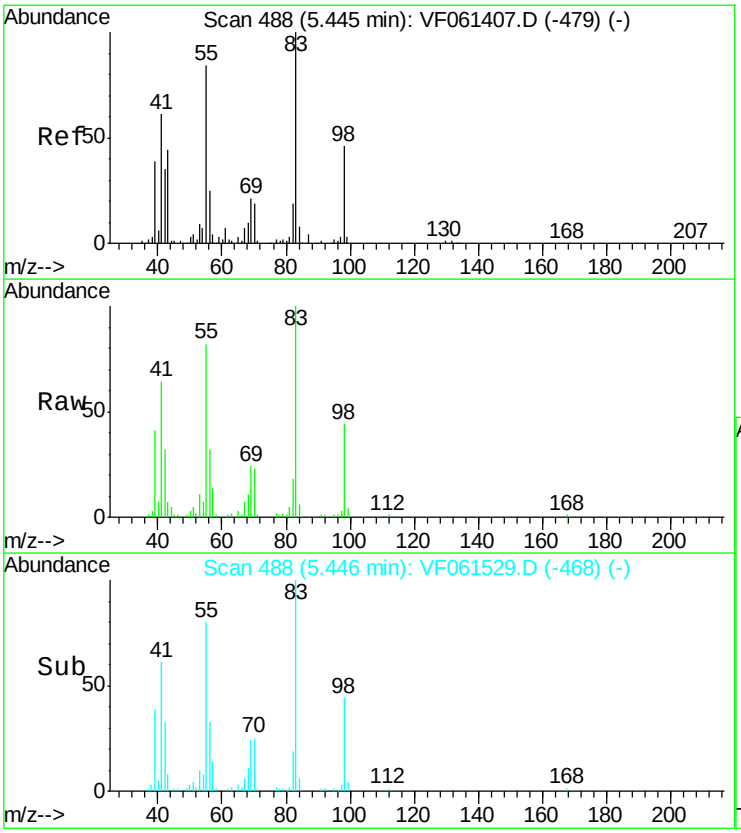
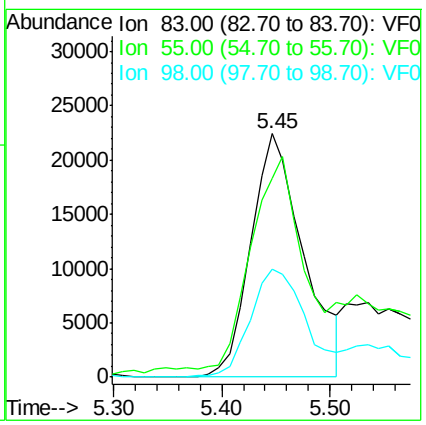
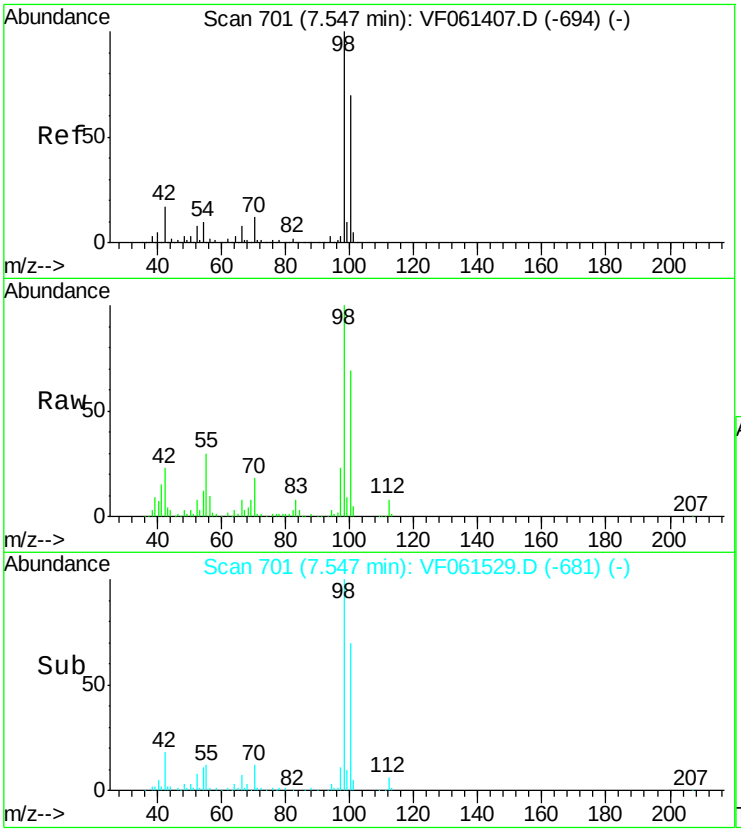


#39
Methylcyclohexane
Concen: 18.539 ug/l
RT: 5.45 min Scan# 488
Delta R.T. 0.00 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

Tgt Ion: 83 Resp: 75921

Ion	Ratio	Lower	Upper
83	100		
55	81.7	67.4	101.2
98	44.3	36.7	55.1





#50
Toluene-d8
Concen: 31.036 ug/l
RT: 7.55 min Scan# 701
Delta R.T. 0.00 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

Tgt Ion: 98 Resp: 218691

Ion	Ratio	Lower	Upper
98	100		
100	69.5	55.6	83.4

Instrument :
MSVOA_F
ClientSampleId :
DRUM-6

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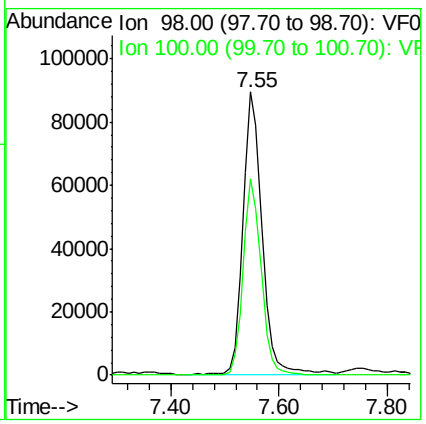
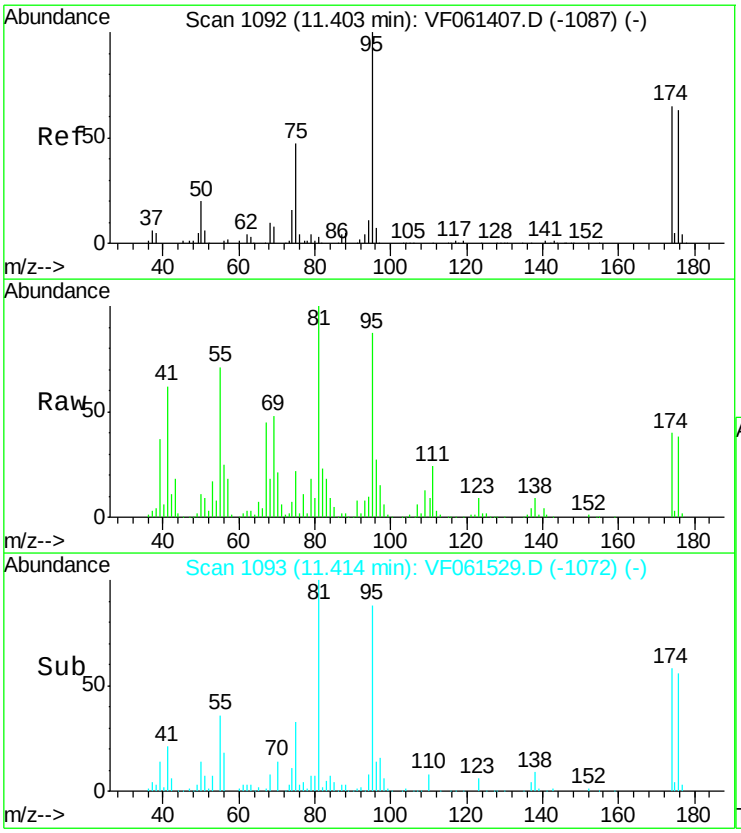
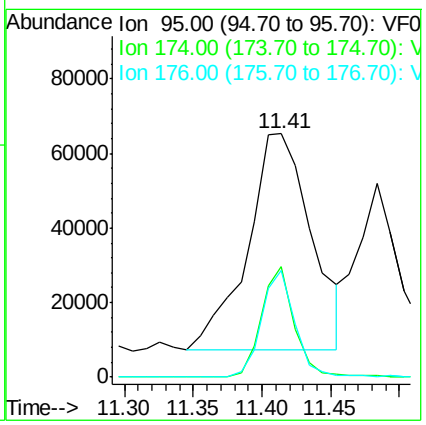


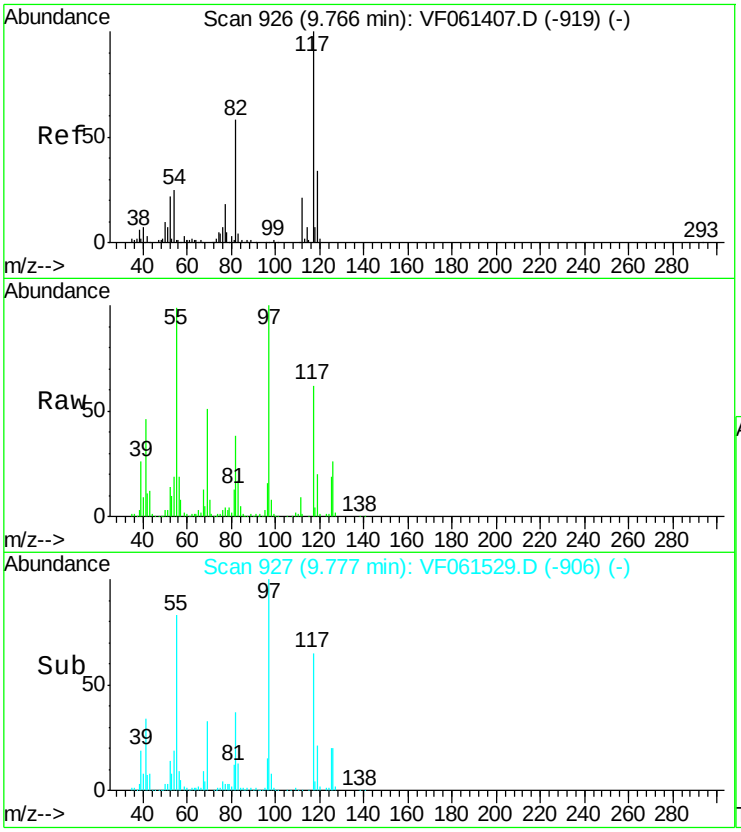


#62
4-Bromofluorobenzene
Concen: 56.587 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

Tgt Ion: 95 Resp: 186300

Ion	Ratio	Lower	Upper
95	100		
174	45.3	0.0	130.4
176	43.8	0.0	126.2

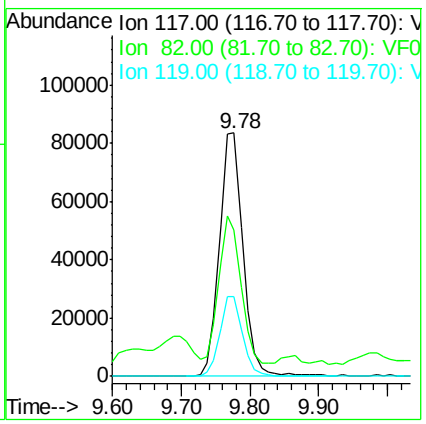




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

Tgt Ion:117 Resp: 198779

Ion	Ratio	Lower	Upper
117	100		
82	60.2	46.4	69.6
119	32.7	27.2	40.8



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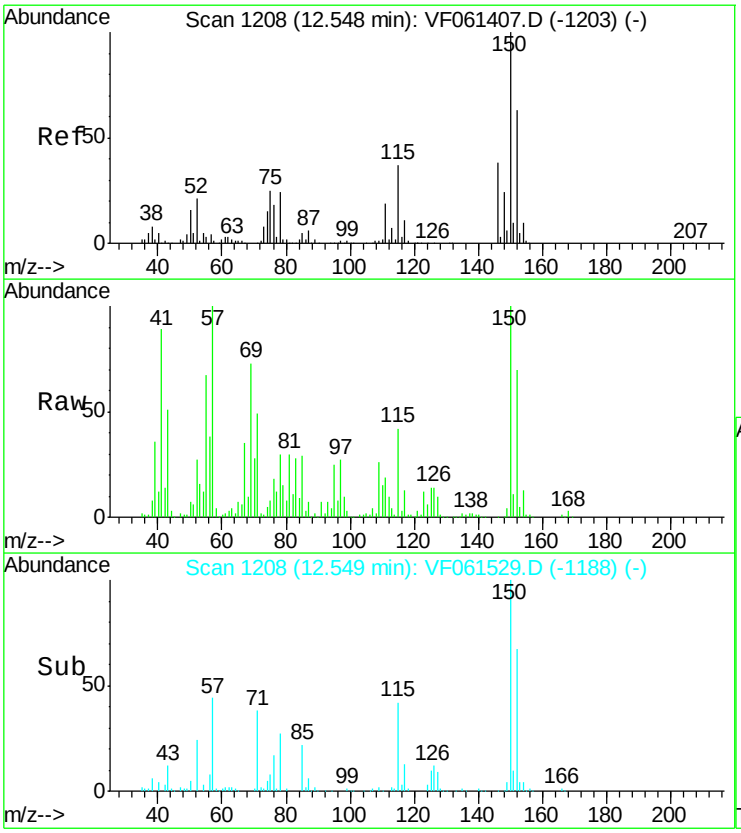
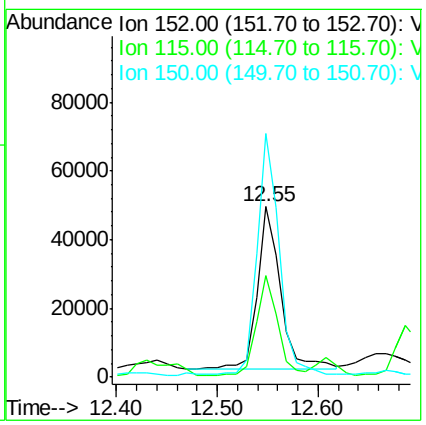
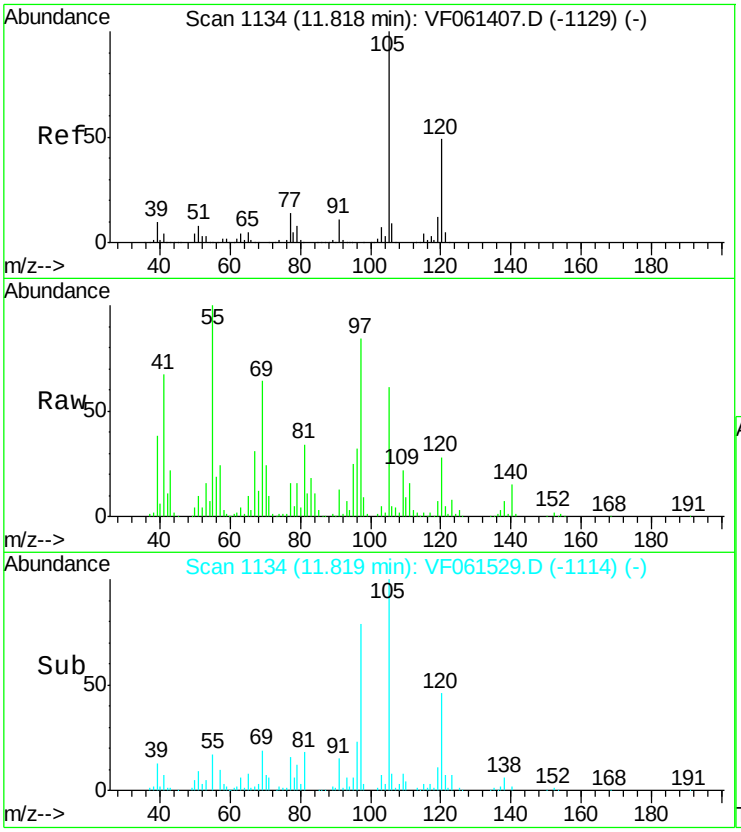


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

Tgt Ion:152 Resp: 76986

Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.0	90.0
150	143.0	0.0	321.4

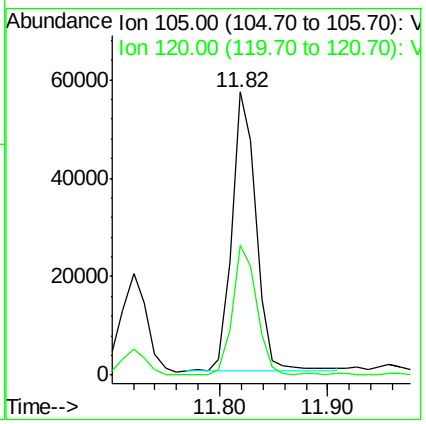




#80
1,3,5-Trimethylbenzene
Concen: 17.615 ug/l
RT: 11.82 min Scan# 1134
Delta R.T. 0.00 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

Tgt Ion:105 Resp: 89009

Ion	Ratio	Lower	Upper
105	100		
120	45.7	24.7	74.1



Instrument :
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