Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062572.D
Acq On : 14 May 2019 6:50
Operator : FY/SY
Sample : K2647-07
Misc : 5.89g/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SU-02-050919-B

Manual Integrations APPROVED
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5/14/2019 11:05:21 AM

Quant Time: May 14 08:45:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	261255	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	359017	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	295111	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	164201	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	98265	39.80	ug/l	0.03
Spiked Amount 50.000			Recovery = 79.60%			
35) Dibromofluoromethane	4.33	113	115369	40.34	ug/l	0.03
Spiked Amount 50.000			Recovery = 80.68%			
50) Toluene-d8	7.74	98	205697	29.71	ug/l	0.03
Spiked Amount 50.000			Recovery = 59.42%			
62) 4-Bromofluorobenzene	11.51	95	107095	34.28	ug/l	0.02
Spiked Amount 50.000			Recovery = 68.56%			
Target Compounds						Qvalue
20) Methylene Chloride	2.34	84	14794m	8.187	ug/l	

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

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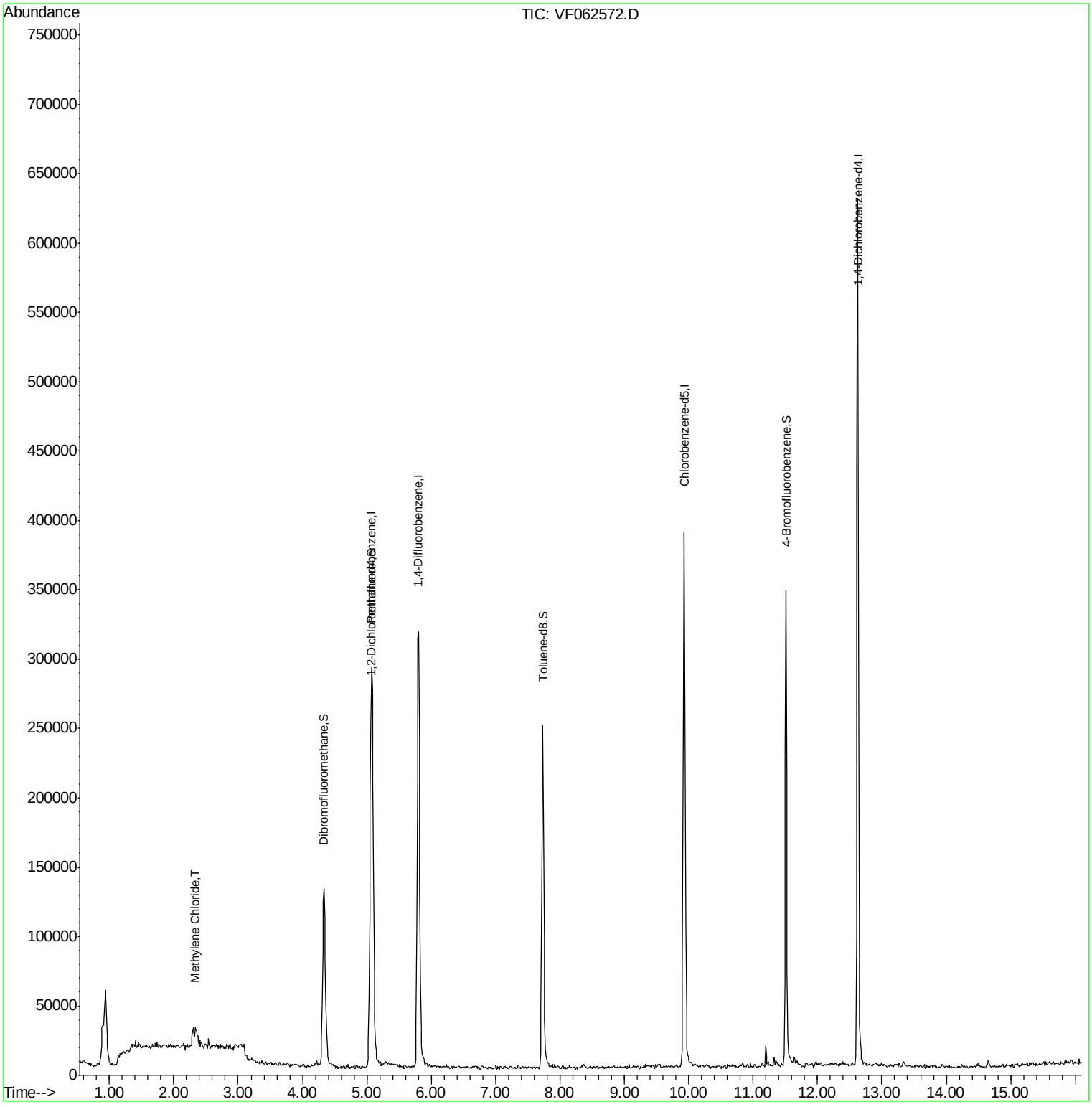
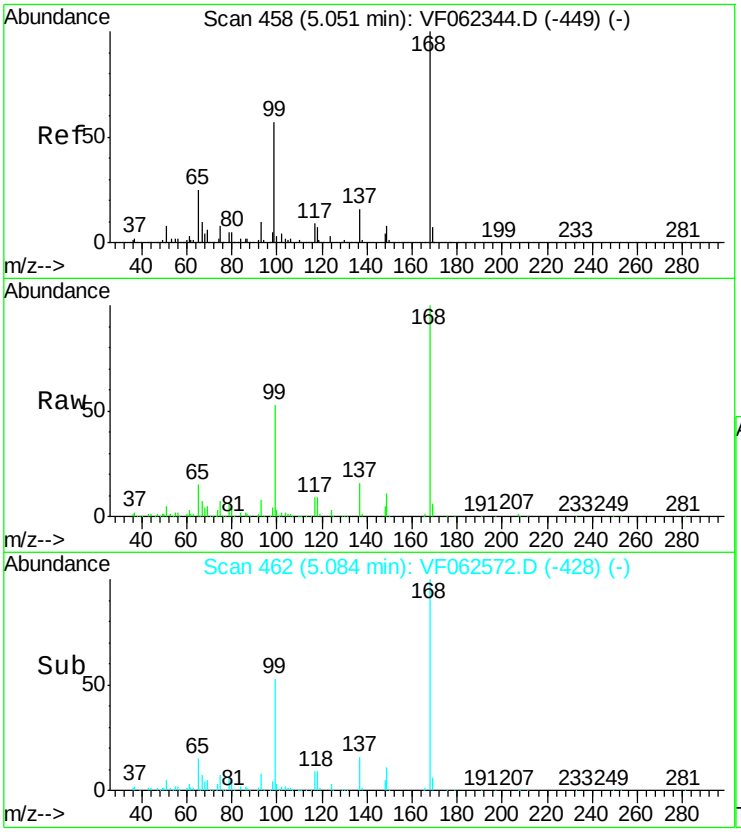
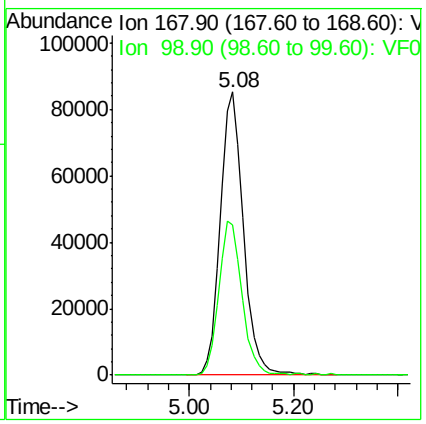




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.08 min Scan# 462
Delta R.T. 0.03 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Tgt Ion:168 Resp: 261255

Ion	Ratio	Lower	Upper
168	100		
99	53.1	45.9	68.9



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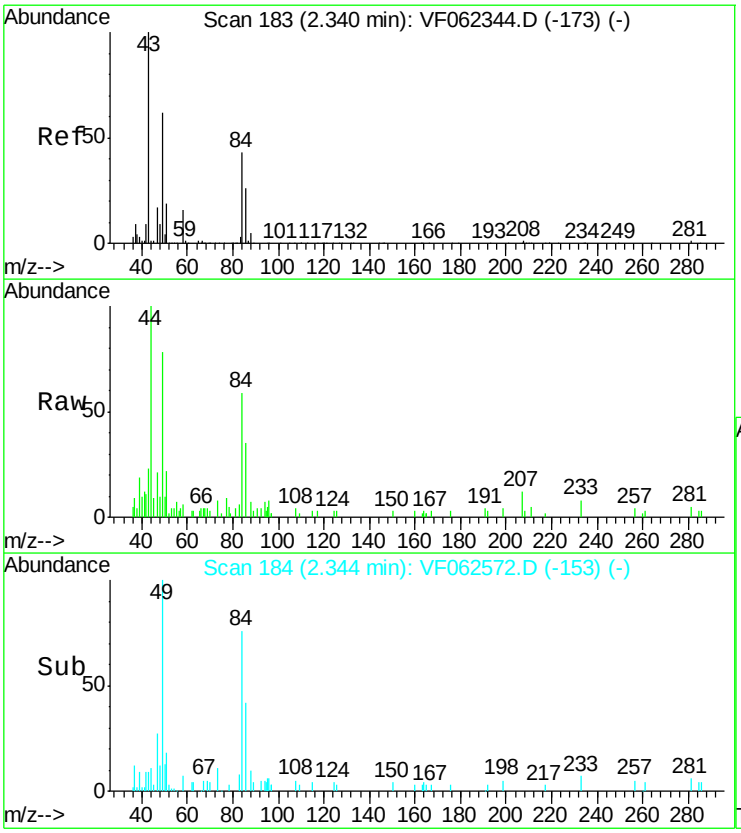
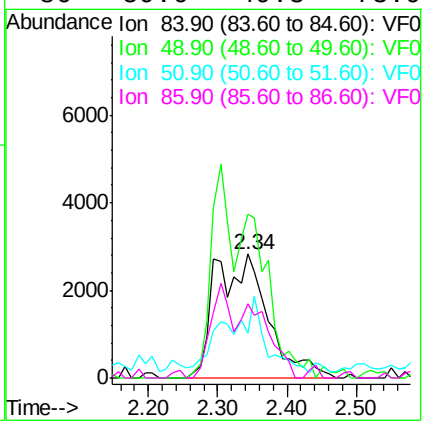
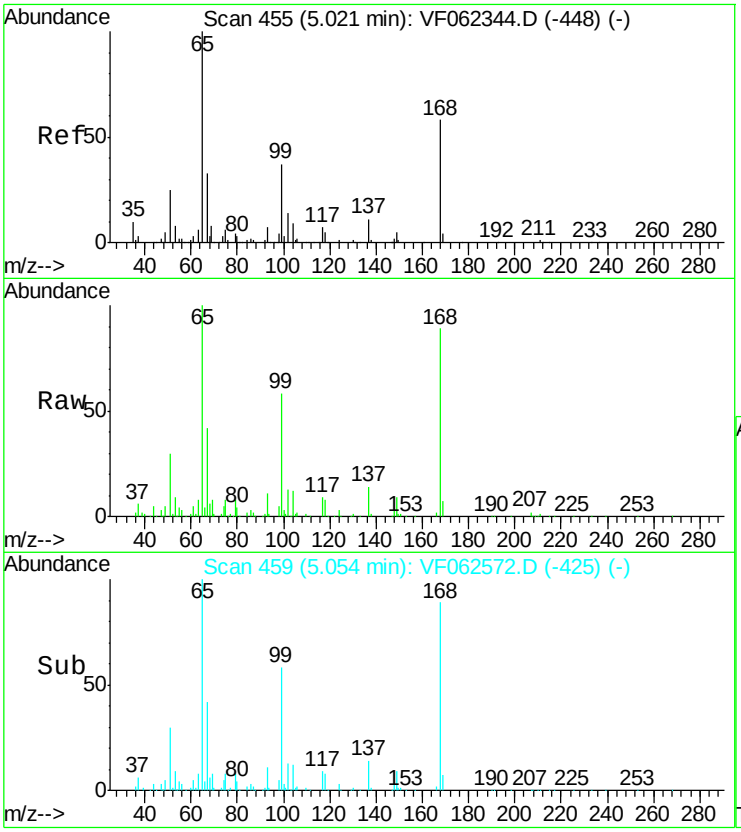


#20
Methylene Chloride
Concen: 8.187 ug/l m
RT: 2.34 min Scan# 184
Delta R.T. 0.00 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Tgt Ion: 84 Resp: 14794

Ion	Ratio	Lower	Upper
84	100		
49	132.2	117.5	176.3
51	36.5	37.0	55.4#
86	59.6	49.3	73.9

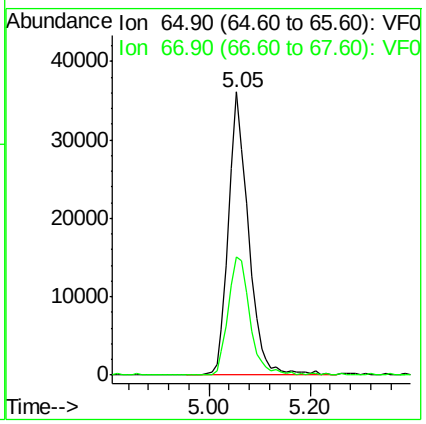




#33
1,2-Dichloroethane-d4
Concen: 39.800 ug/l
RT: 5.05 min Scan# 459
Delta R.T. 0.03 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Tgt Ion: 65 Resp: 98265

Ion	Ratio	Lower	Upper
65	100		
67	45.2	0.0	85.8



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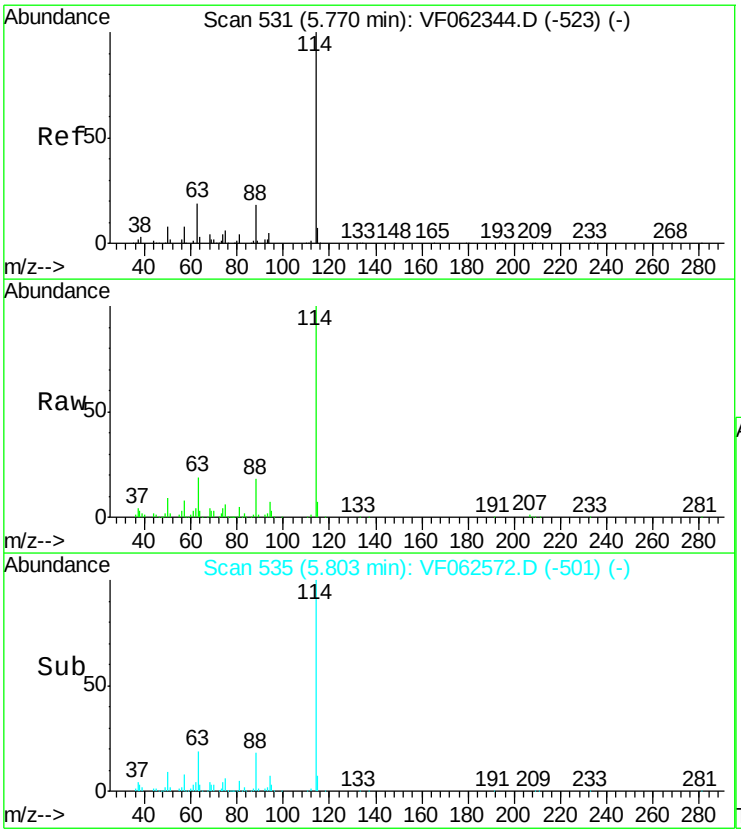
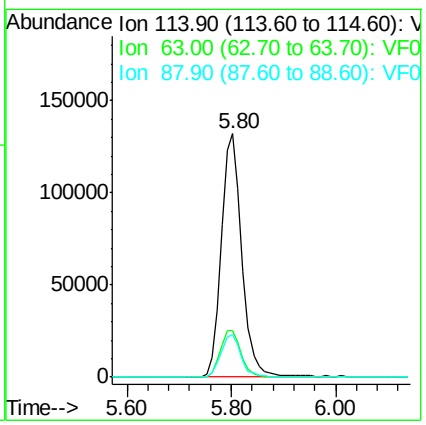
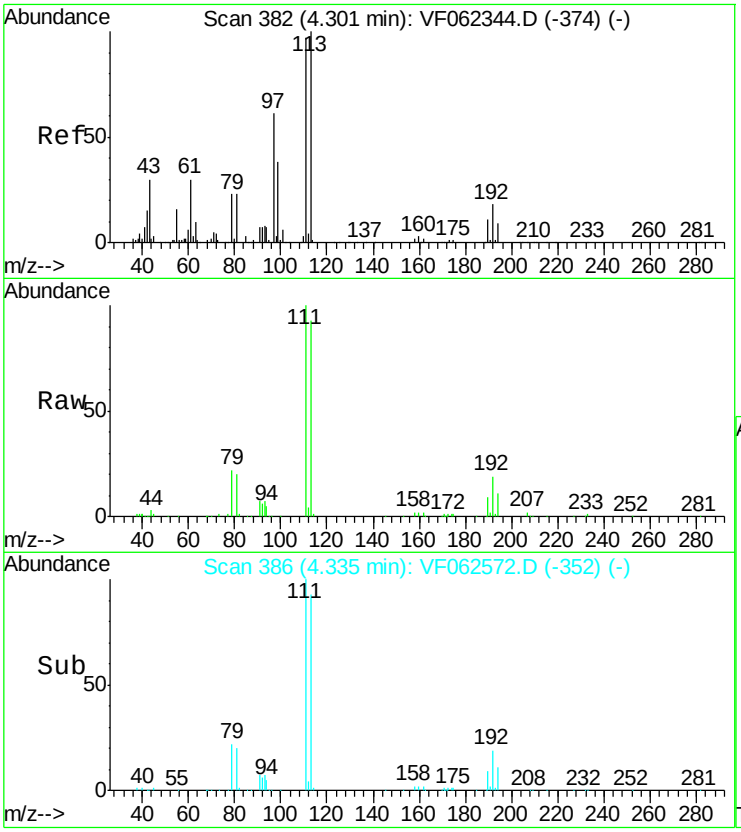


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 535
Delta R.T. 0.03 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Tgt Ion:114 Resp: 359017

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	37.4
88	17.6	0.0	36.4

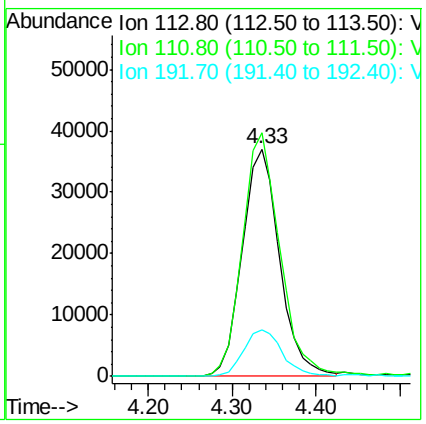




#35
Dibromofluoromethane
Concen: 40.336 ug/l
RT: 4.33 min Scan# 386
Delta R.T. 0.03 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Tgt Ion:113 Resp: 115369

Ion	Ratio	Lower	Upper
113	100		
111	107.8	79.4	119.0
192	21.4	16.0	24.0



Instrument :
MSVOA_F
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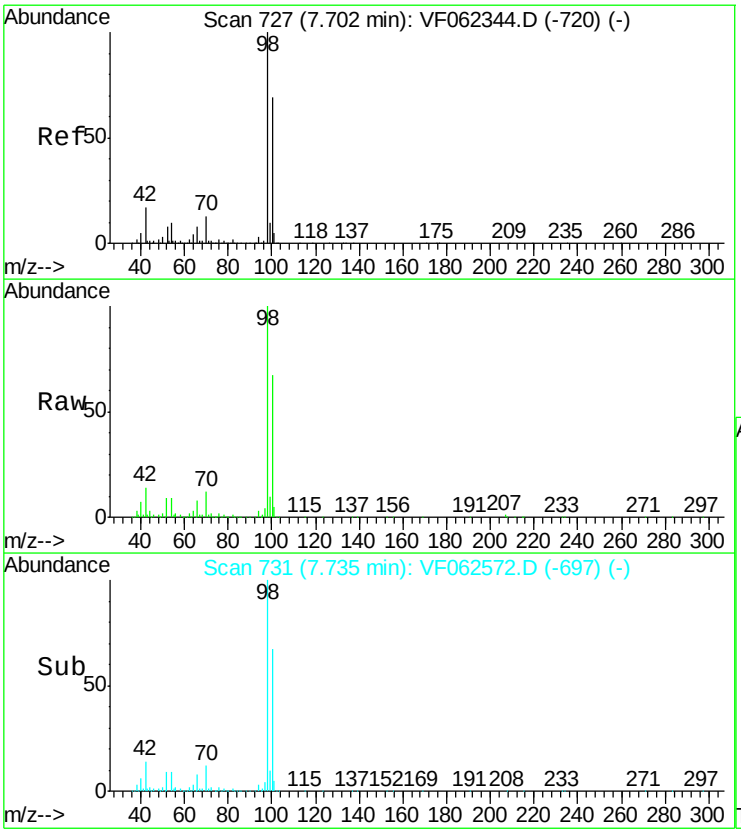
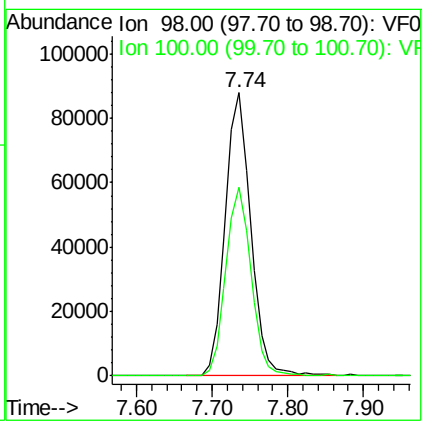
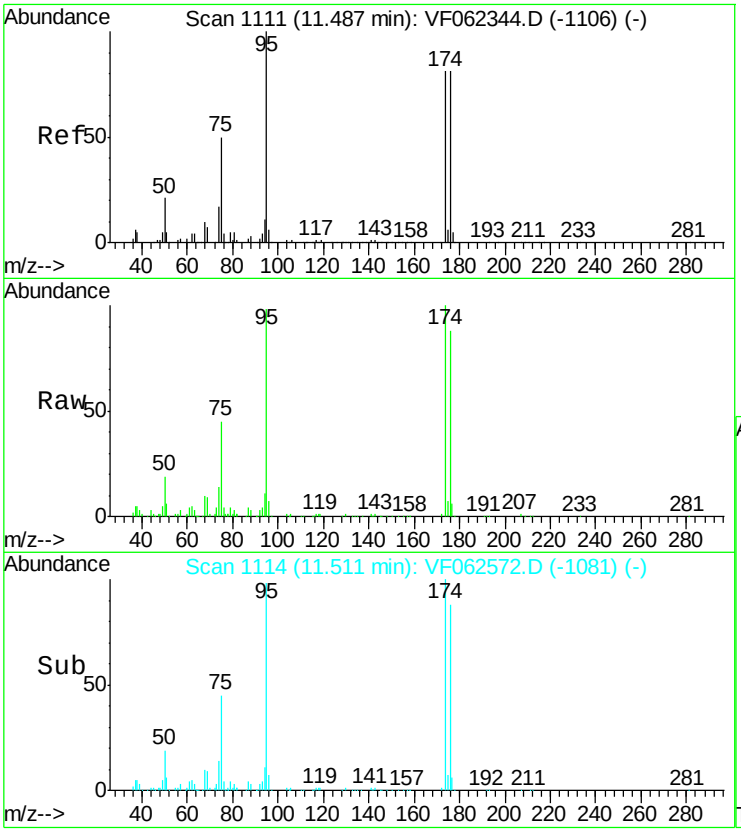


#50
Toluene-d8
Concen: 29.709 ug/l
RT: 7.74 min Scan# 731
Delta R.T. 0.03 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Tgt Ion: 98 Resp: 205697

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.3	79.9

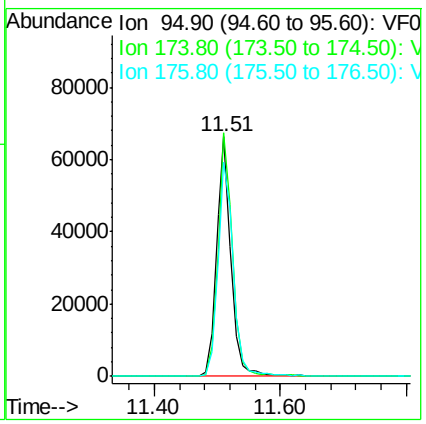




#62
4-Bromofluorobenzene
Concen: 34.285 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Tgt Ion: 95 Resp: 107095

Ion	Ratio	Lower	Upper
95	100		
174	102.1	0.0	191.8
176	94.9	0.0	193.2



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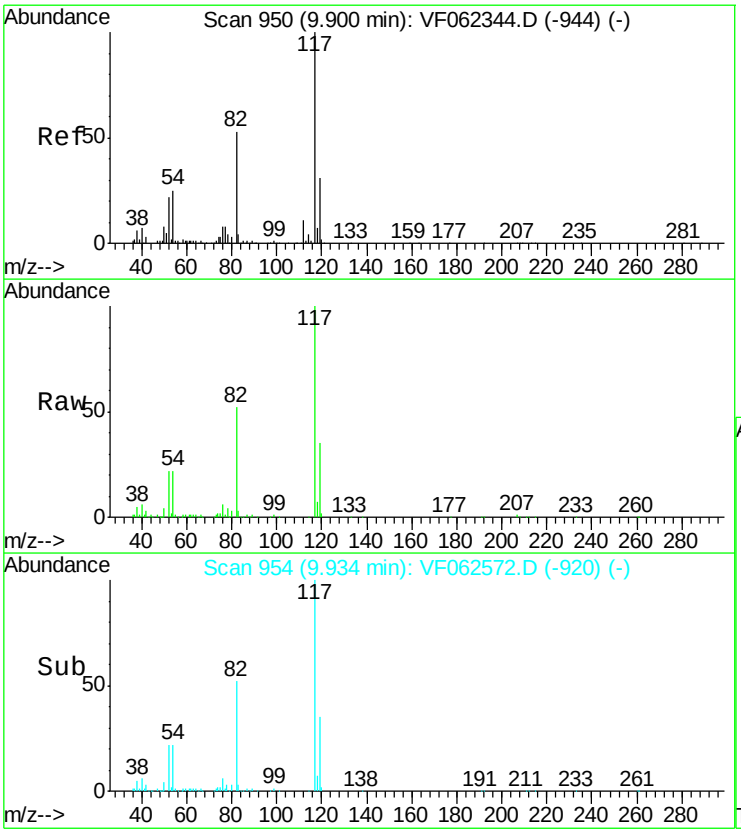
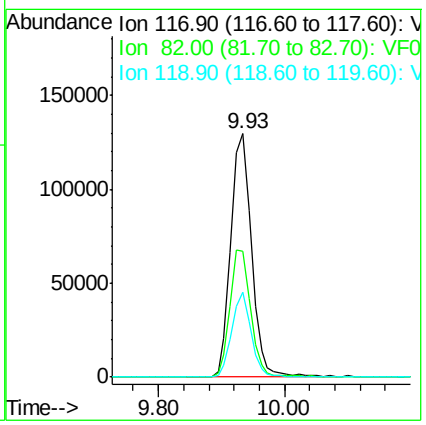
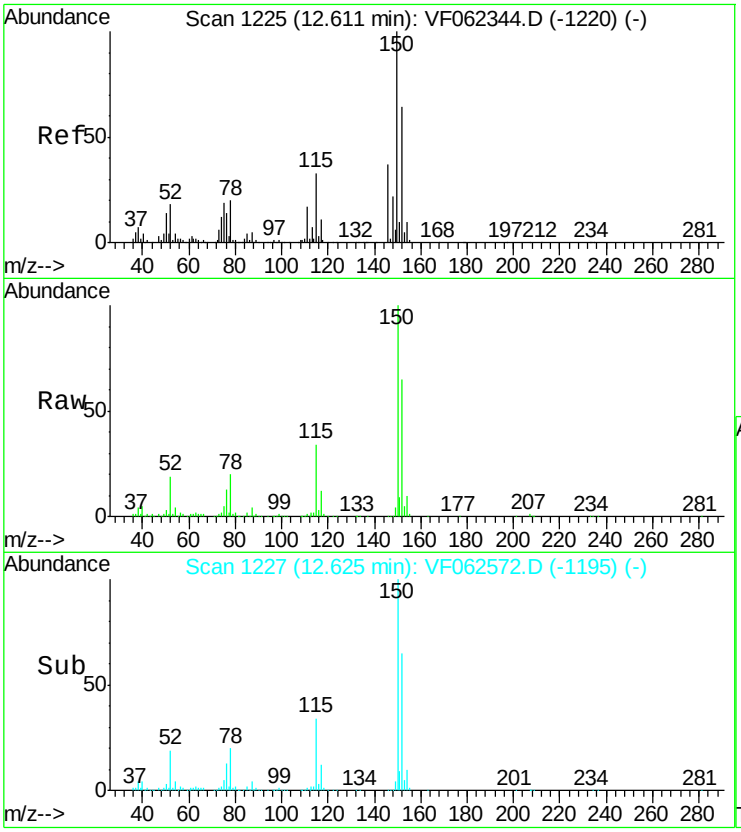


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 954
Delta R.T. 0.03 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Tgt Ion:117 Resp: 295111

Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.2	63.2
119	34.8	25.0	37.4

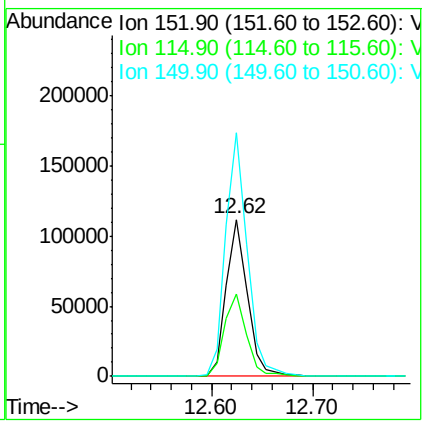




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Tgt Ion:152 Resp: 164201

Ion	Ratio	Lower	Upper
152	100		
115	54.8	26.4	79.2
150	158.1	0.0	335.0



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