Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032619\
Data File : VF062153.D
Acq On : 26 Mar 2019 18:38
Operator : VA/AP
Sample : K2081-22
Misc : 5.56g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 27 07:40:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
S4C(12)

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	265534	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	5.58	114	422573	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.76	117	343895	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.54	152	188578	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	71547	36.23	ug/l	-0.05
Spiked Amount 50.000			Recovery =	72.46%		
35) Dibromofluoromethane	4.10	113	109452	38.29	ug/l	-0.05
Spiked Amount 50.000			Recovery =	76.58%		
50) Toluene-d8	7.54	98	302682	35.47	ug/l	-0.05
Spiked Amount 50.000			Recovery =	70.94%		
62) 4-Bromofluorobenzene	11.39	95	126210	38.31	ug/l	-0.04
Spiked Amount 50.000			Recovery =	76.62%		
Target Compounds						Qvalue
8) Diethyl Ether	1.62	74	4229	4.656	ug/l	95
16) Acetone	2.23	43	10487	25.228	ug/l #	89
20) Methylene Chloride	2.17	84	36247m	12.066	ug/l	

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

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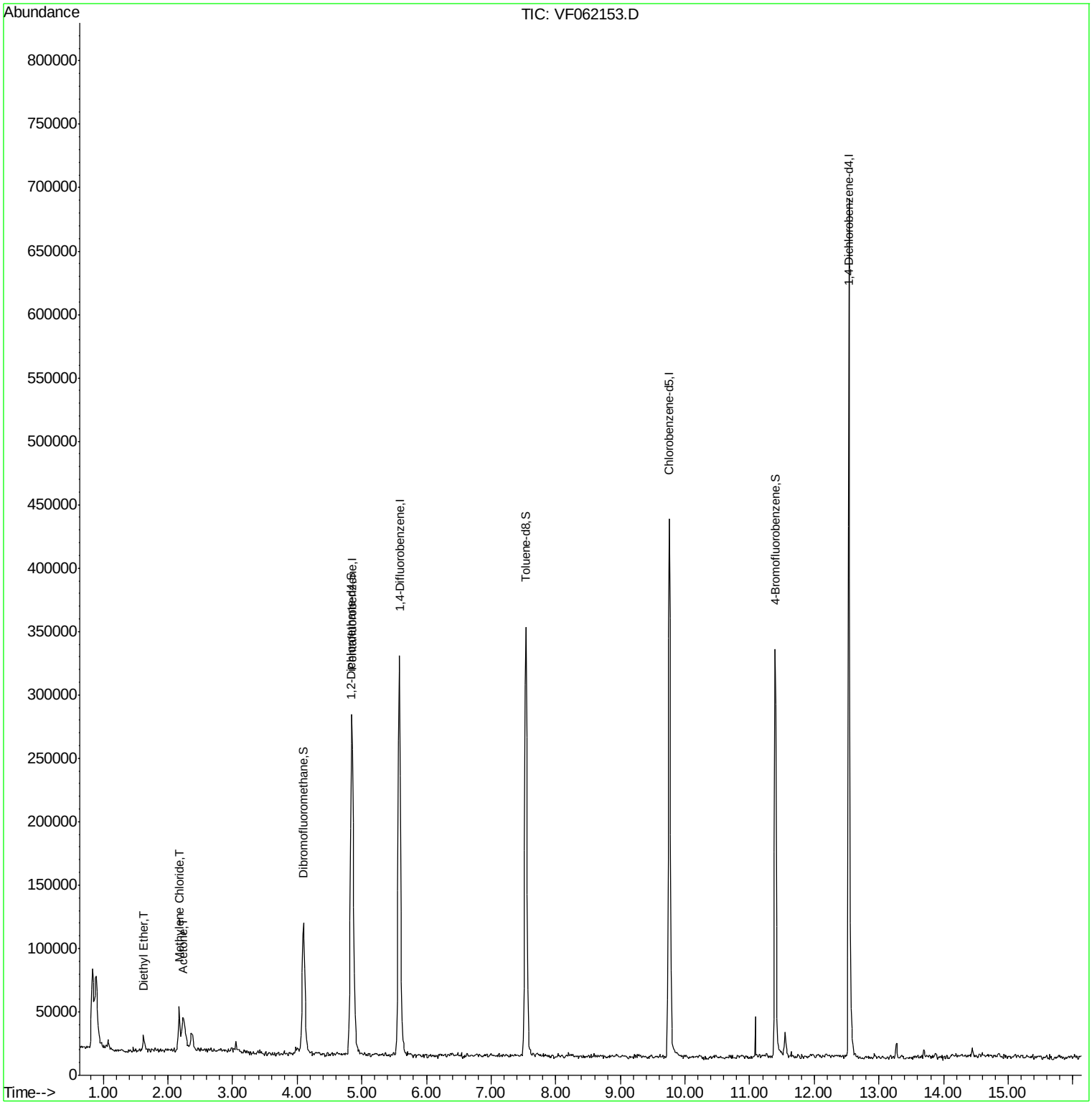
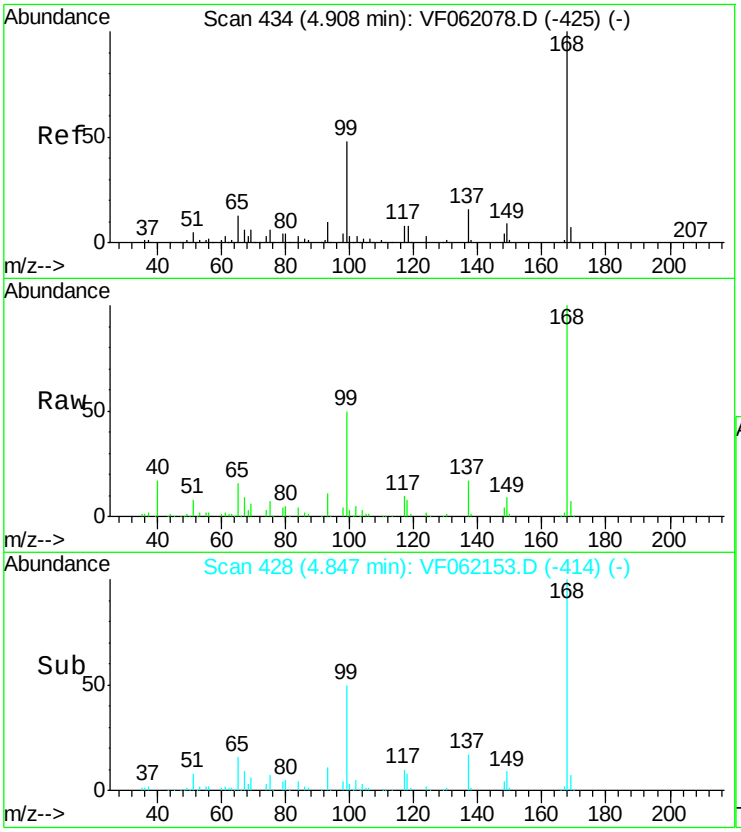
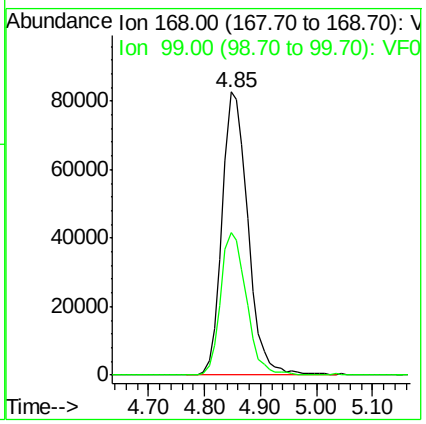




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.06 min
Lab File: VF062153.D
Acq: 26 Mar 2019 18:38

Tgt Ion:168 Resp: 265534

Ion	Ratio	Lower	Upper
168	100		
99	50.4	38.2	57.4



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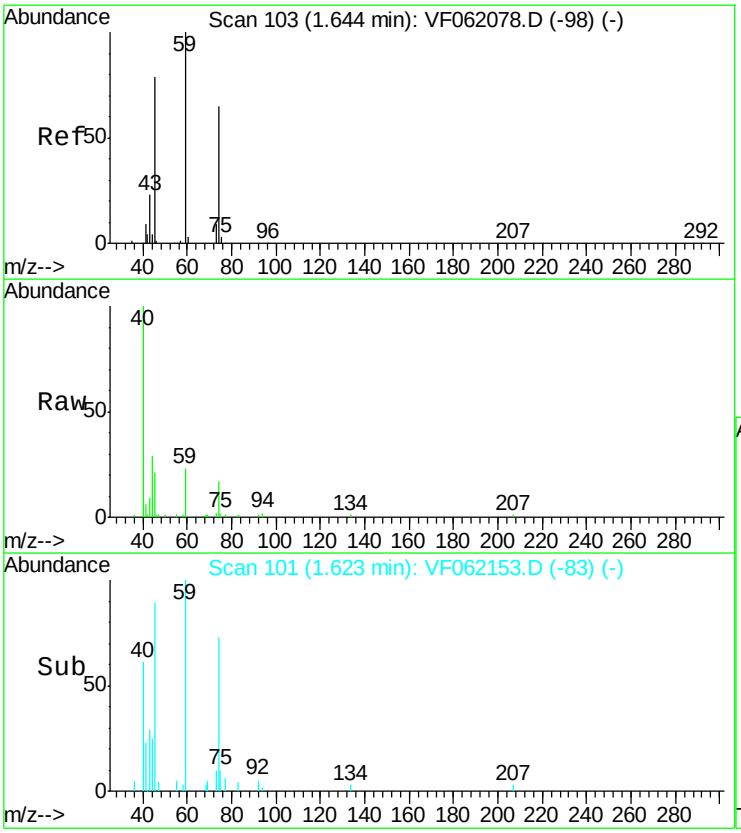
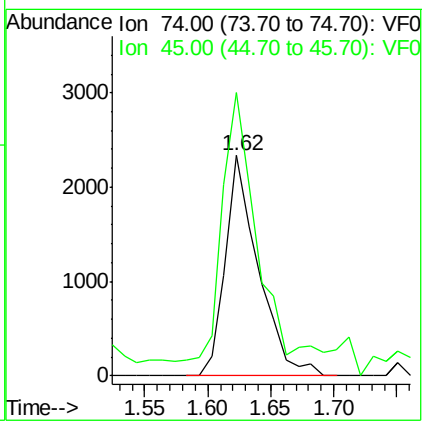
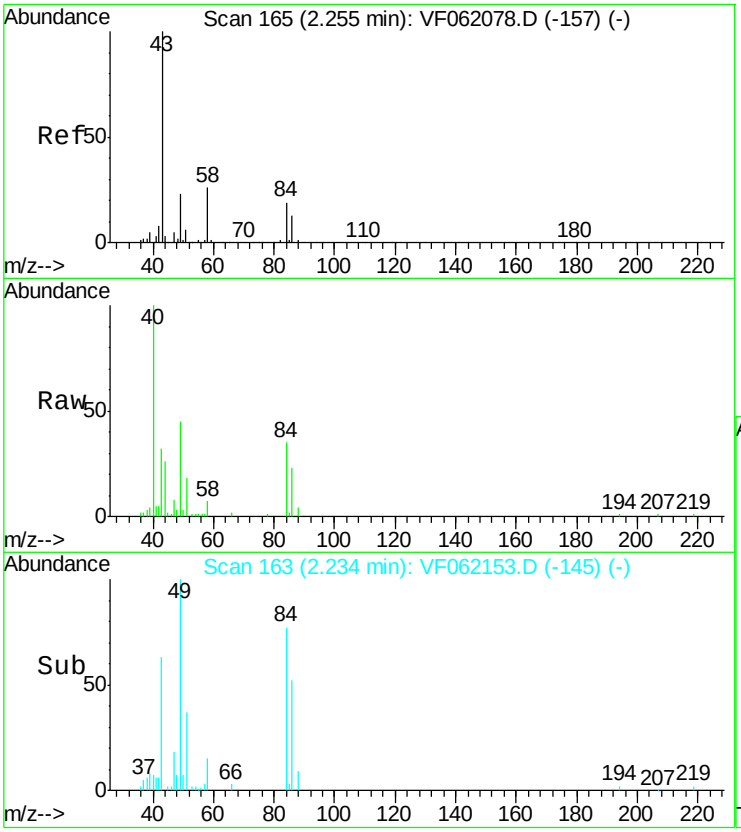


#8
Diethyl Ether
Concen: 4.656 ug/l
RT: 1.62 min Scan# 101
Delta R.T. -0.02 min
Lab File: VF062153.D
Acq: 26 Mar 2019 18:38

Tgt Ion: 74 Resp: 4229

Ion	Ratio	Lower	Upper
74	100		
45	128.3	61.4	184.2





#16
Acetone
Concen: 25.228 ug/l
RT: 2.23 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF062153.D
Acq: 26 Mar 2019 18:38

Tgt Ion: 43 Resp: 10487

Ion	Ratio	Lower	Upper
43	100		
58	20.6	20.8	31.2#

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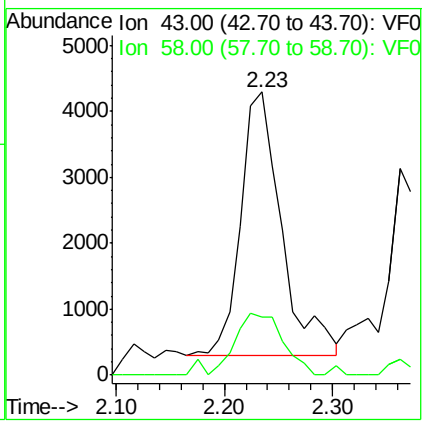
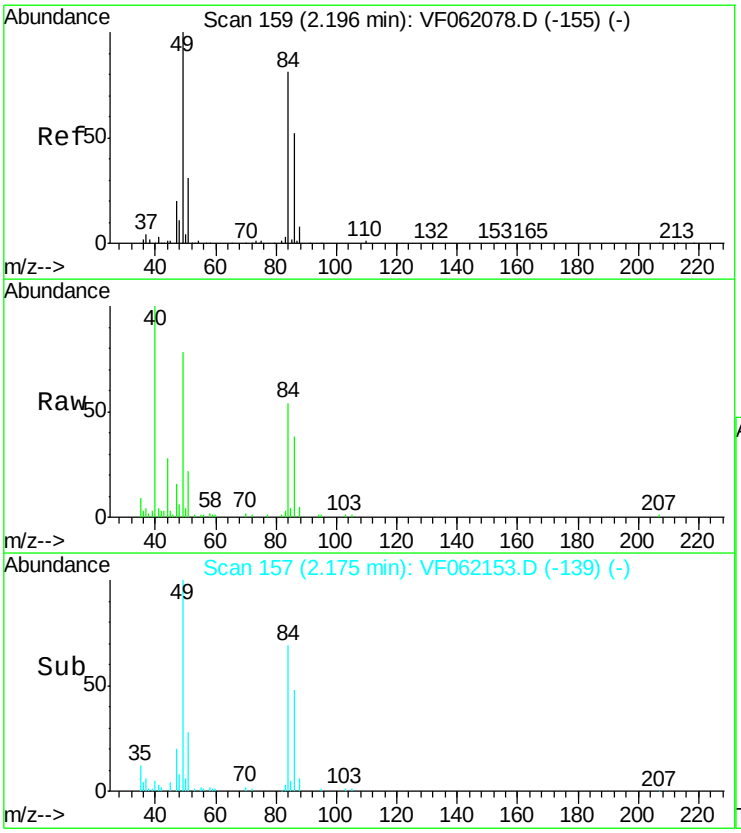
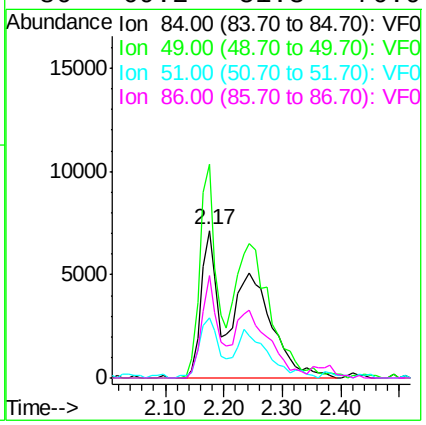


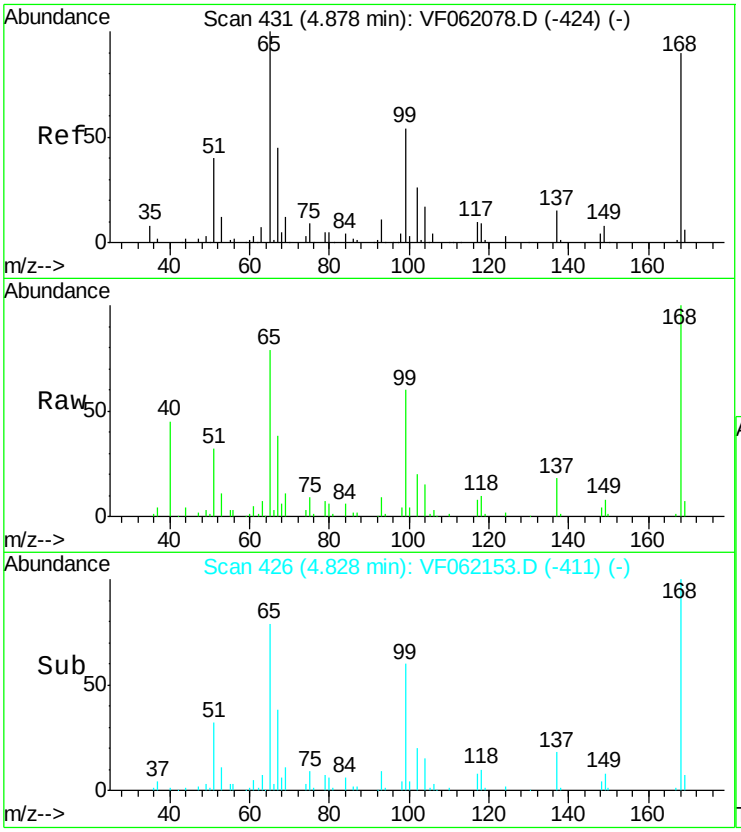


#20
Methylene Chloride
Concen: 12.066 ug/l m
RT: 2.17 min Scan# 157
Delta R.T. -0.02 min
Lab File: VF062153.D
Acq: 26 Mar 2019 18:38

Tgt Ion: 84 Resp: 36247

Ion	Ratio	Lower	Upper
84	100		
49	144.5	100.4	150.6
51	41.1	31.0	46.6
86	69.2	51.3	76.9

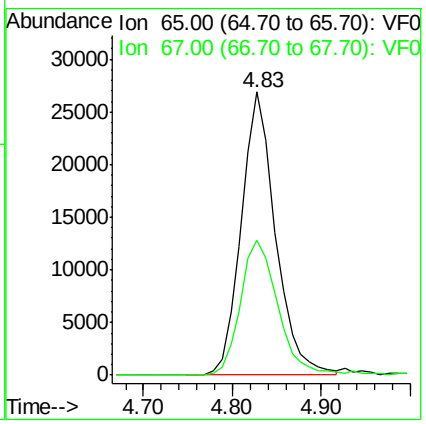




#33
1,2-Dichloroethane-d4
Concen: 36.225 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.05 min
Lab File: VF062153.D
Acq: 26 Mar 2019 18:38

Tgt Ion: 65 Resp: 71547

Ion	Ratio	Lower	Upper
65	100		
67	47.6	0.0	106.2



Instrument :
MSVOA_F
ClientSampleId :
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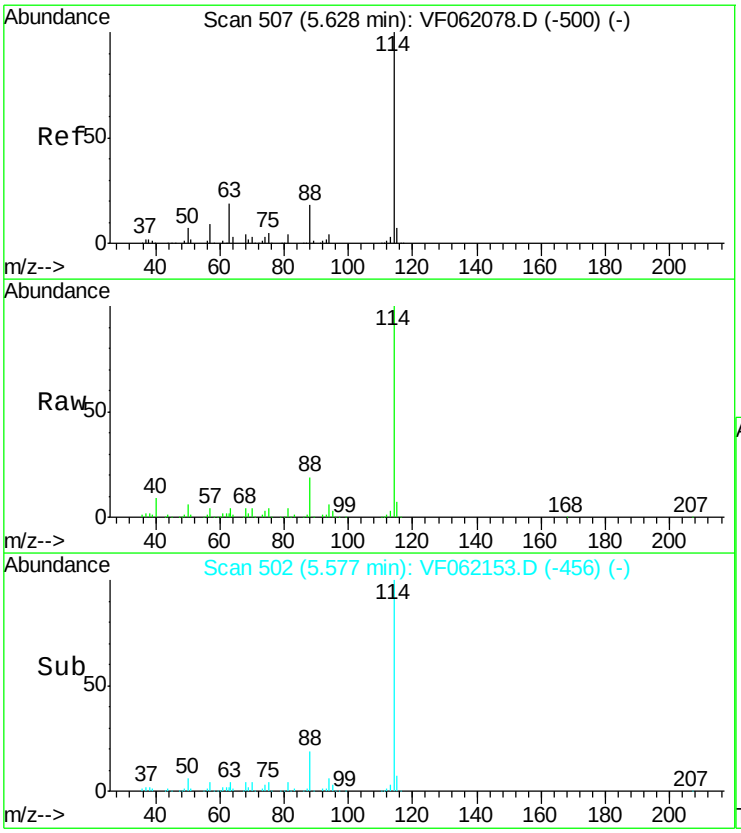
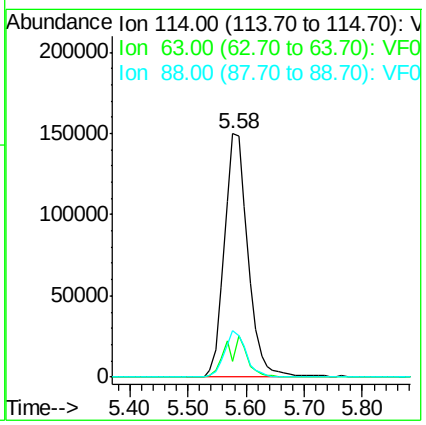
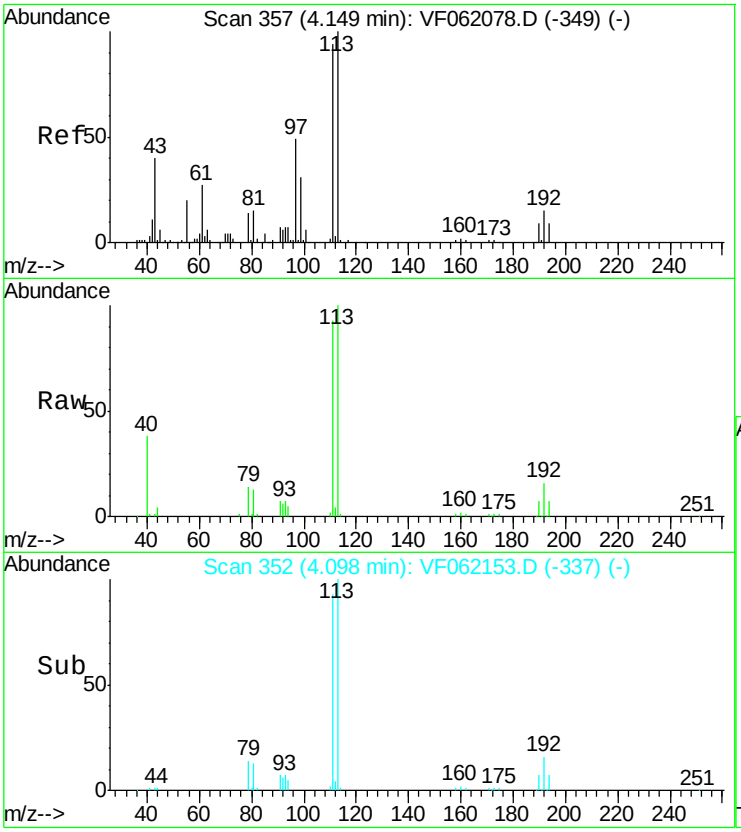


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.05 min
Lab File: VF062153.D
Acq: 26 Mar 2019 18:38

Tgt Ion:114 Resp: 422573

Ion	Ratio	Lower	Upper
114	100		
63	6.4	0.0	37.8
88	19.3	0.0	36.4

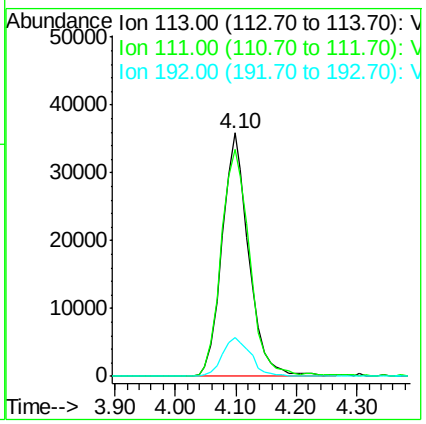




#35
Dibromofluoromethane
Concen: 38.290 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.05 min
Lab File: VF062153.D
Acq: 26 Mar 2019 18:38

Tgt Ion:113 Resp: 109452

Ion	Ratio	Lower	Upper
113	100		
111	93.3	75.4	113.0
192	16.1	12.3	18.5



Instrument :
MSVOA_F
ClientSampleId :
S4C(12)

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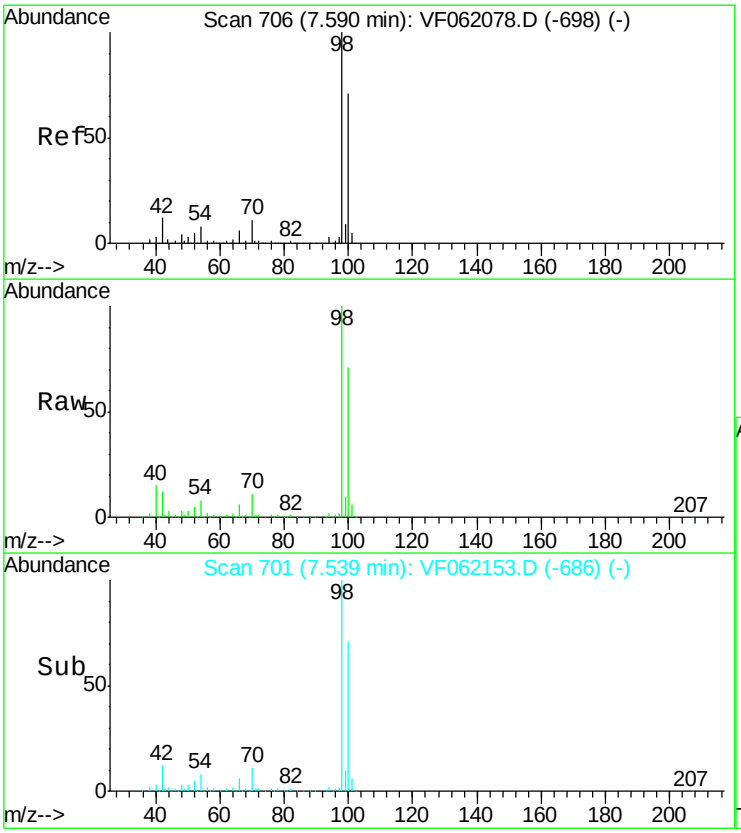
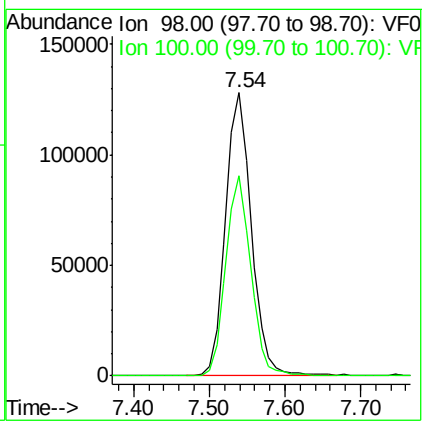
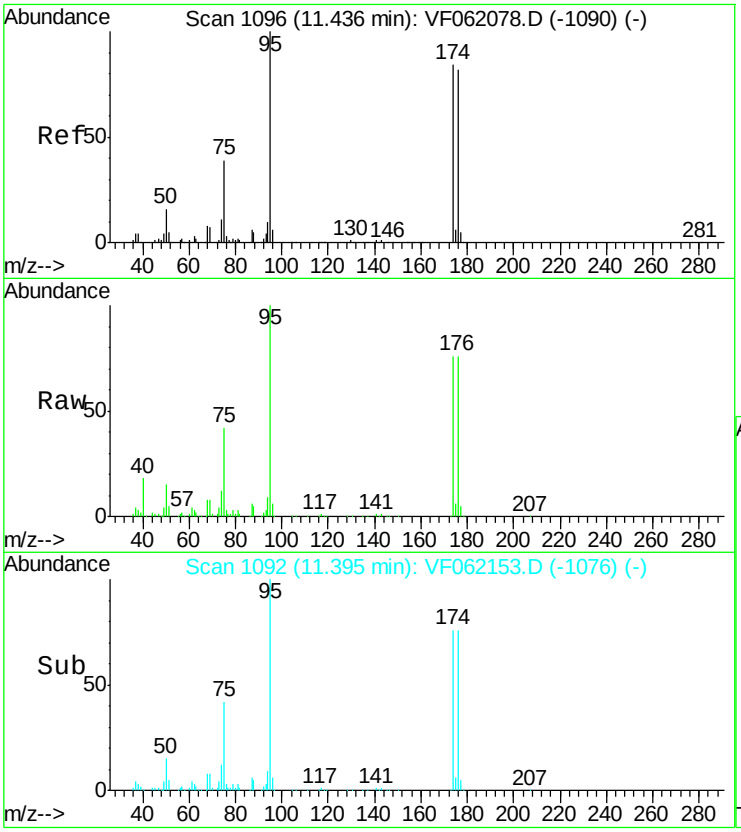


#50
Toluene-d8
Concen: 35.473 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.05 min
Lab File: VF062153.D
Acq: 26 Mar 2019 18:38

Tgt Ion: 98 Resp: 302682

Ion	Ratio	Lower	Upper
98	100		
100	70.7	57.0	85.6

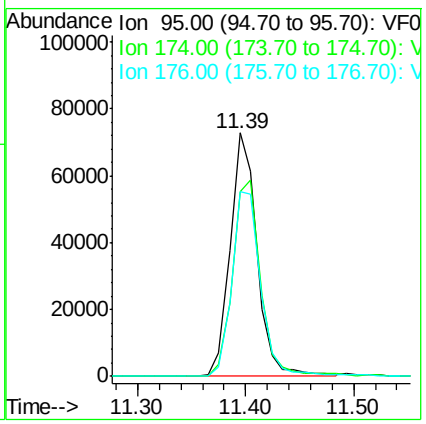




#62
4-Bromofluorobenzene
Concen: 38.314 ug/l
RT: 11.39 min Scan# 1092
Delta R.T. -0.04 min
Lab File: VF062153.D
Acq: 26 Mar 2019 18:38

Tgt Ion: 95 Resp: 126210

Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	168.2
176	76.1	0.0	164.2



Instrument :
MSVOA_F
ClientSampleId :
S4C(12)

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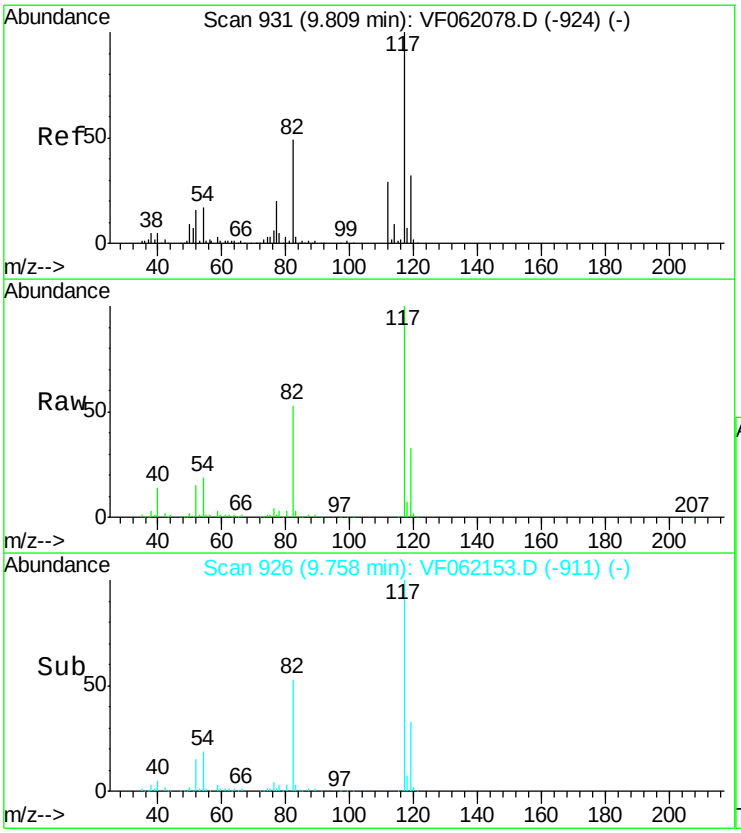
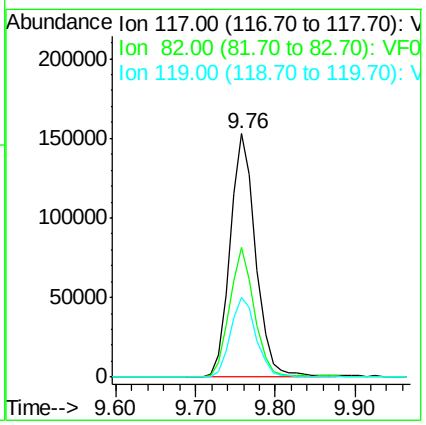
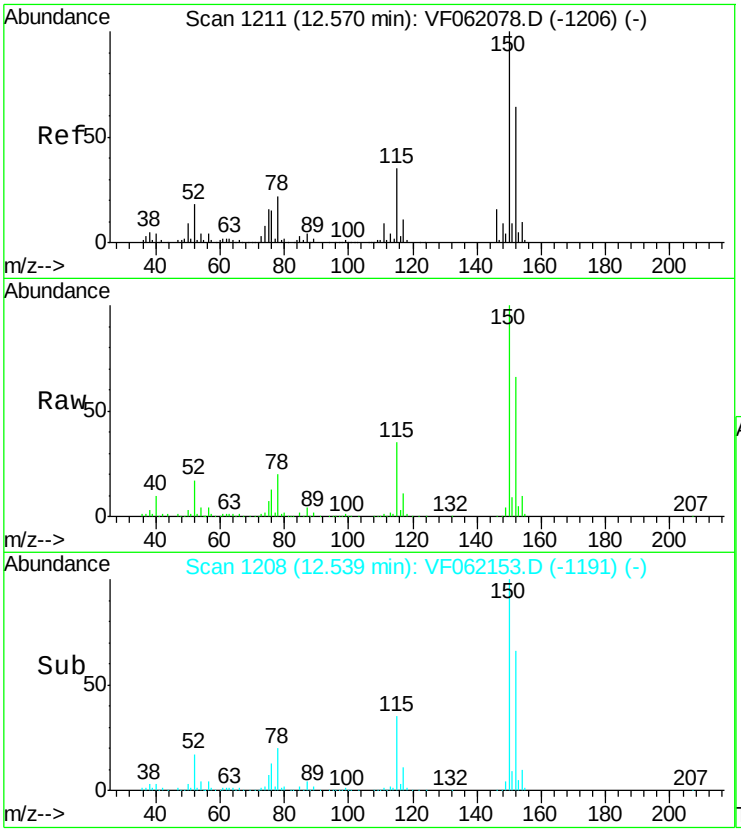


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.05 min
Lab File: VF062153.D
Acq: 26 Mar 2019 18:38

Tgt Ion:117 Resp: 343895

Ion	Ratio	Lower	Upper
117	100		
82	53.3	39.2	58.8
119	32.8	25.4	38.2

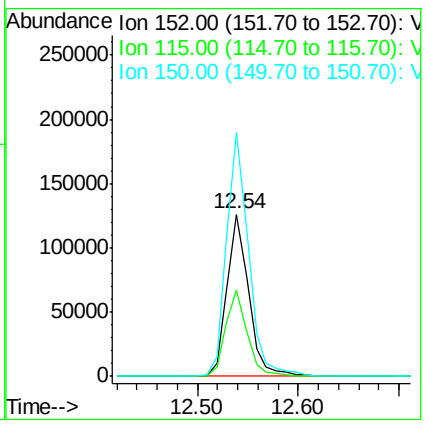




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF062153.D
Acq: 26 Mar 2019 18:38

Tgt Ion:152 Resp: 188578

Ion	Ratio	Lower	Upper
152	100		
115	53.0	27.7	83.1
150	150.4	0.0	313.2



Instrument :
MSVOA_F
ClientSampleId :
S4C(12)

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