Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF032519\
Data File : VF062139.D
Acq On : 25 Mar 2019 18:47
Operator : VA/AP
Sample : K2086-02
Misc : 8.62g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Mar 26 04:22:21 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	309999	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	471762	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.77	117	363104	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	153104	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	92715	40.21	ug/l	-0.04
Spiked Amount 50.000			Recovery = 80.42%			
35) Dibromofluoromethane	4.12	113	140903	44.15	ug/l	-0.03
Spiked Amount 50.000			Recovery = 88.30%			
50) Toluene-d8	7.55	98	318464	33.43	ug/l	-0.04
Spiked Amount 50.000			Recovery = 66.86%			
62) 4-Bromofluorobenzene	11.40	95	113382	30.83	ug/l	-0.03
Spiked Amount 50.000			Recovery = 61.66%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.58	59	470	3.705	ug/l #	66
13) Acrolein	1.97	56	179	1.173	ug/l #	83
16) Acetone	2.23	43	17814	36.708	ug/l	96
20) Methylene Chloride	2.18	84	6344	Below Cal		93
29) Tetrahydrofuran	4.11	42	499	1.133	ug/l #	54
49) 1,4-Dioxane	6.45	88	79	6.649	ug/l #	12

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

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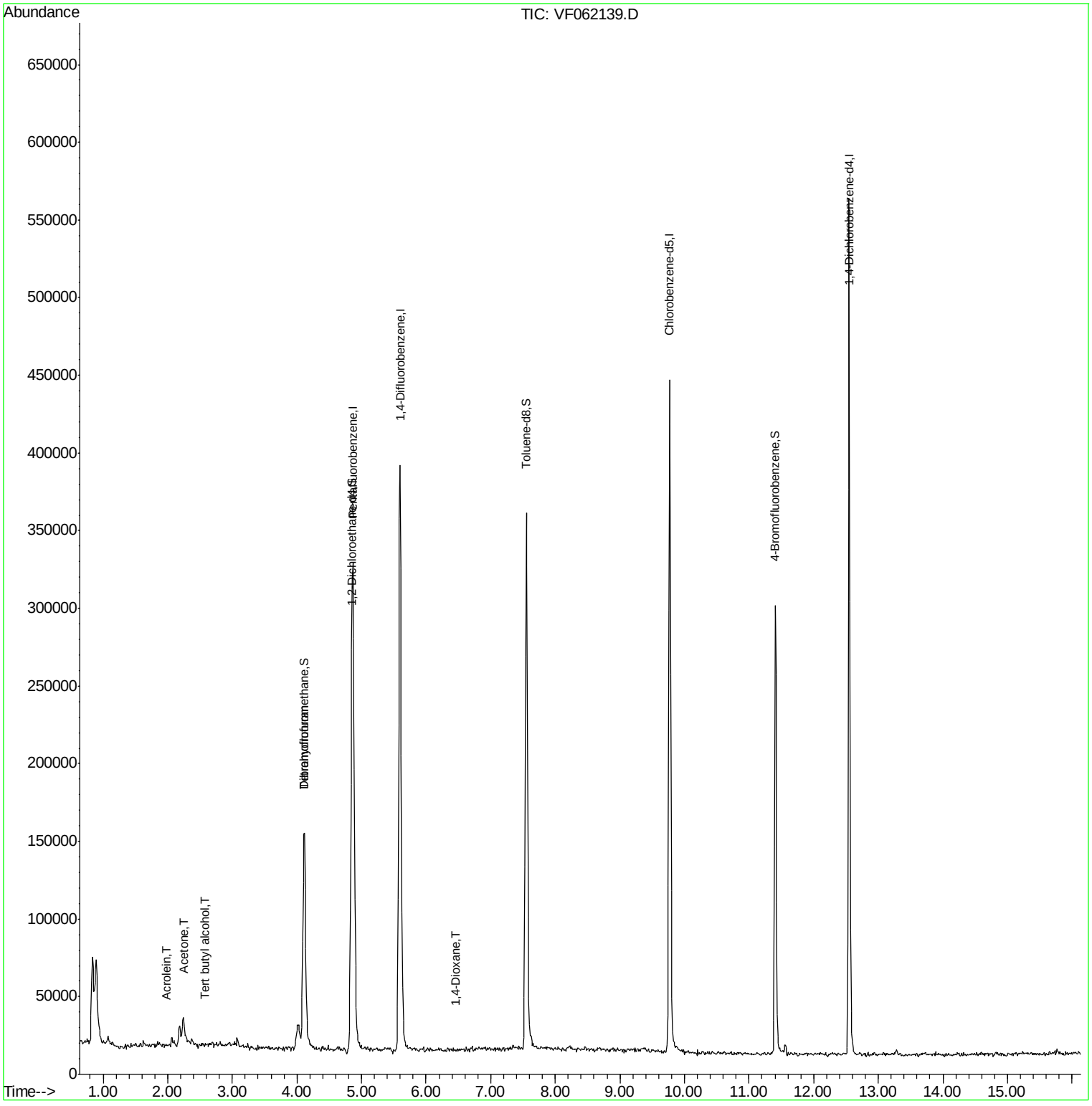
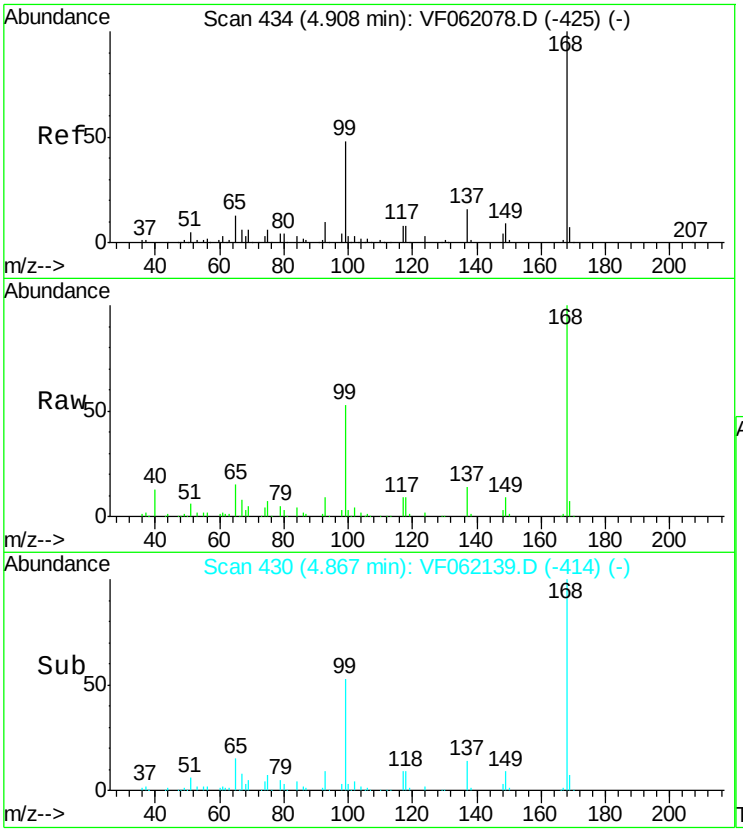


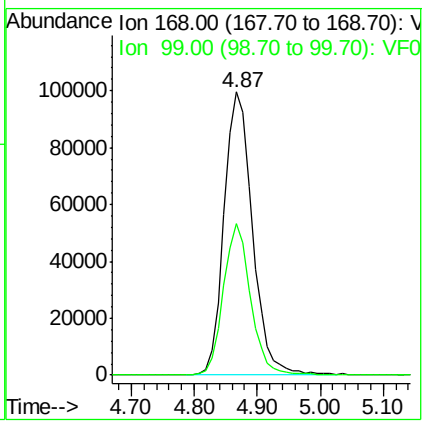


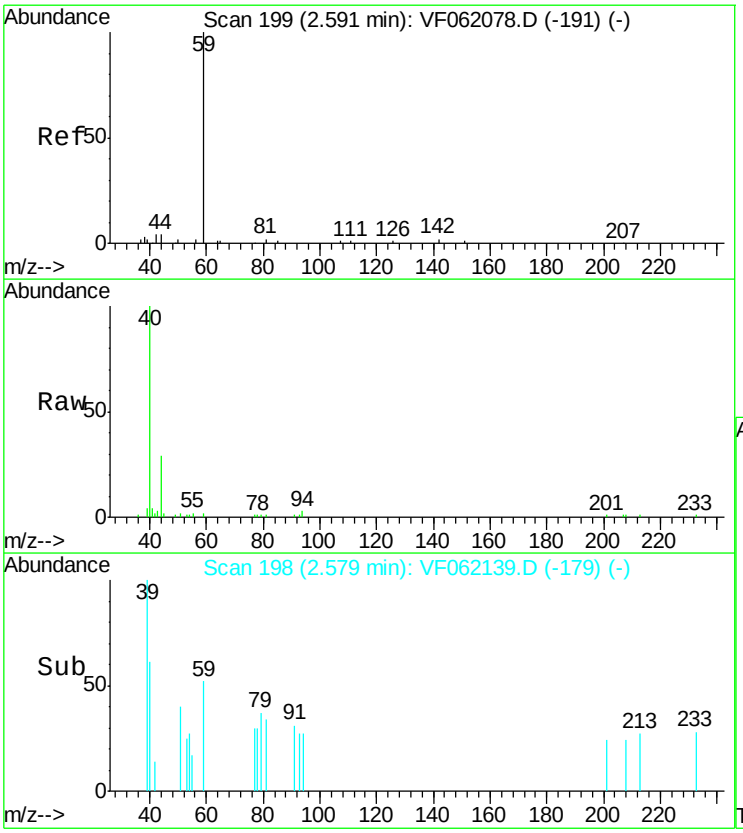
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.04 min
Lab File: VF062139.D
Acq: 25 Mar 2019 18:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 309999

Ion	Ratio	Lower	Upper
168	100		
99	53.4	38.2	57.4

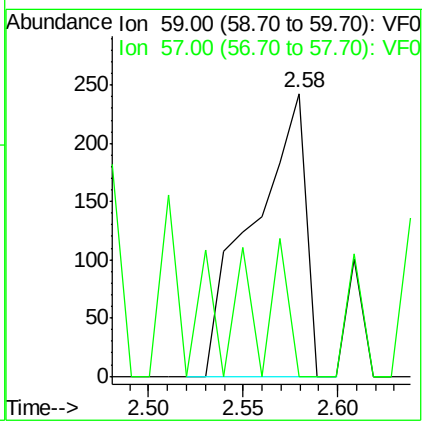


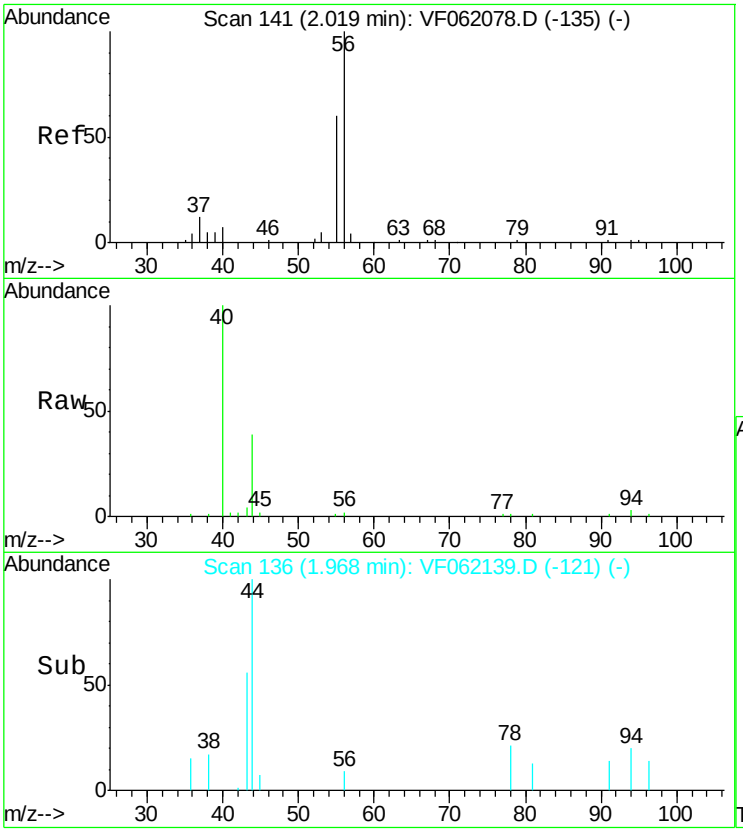


#11
Tert butyl alcohol
Concen: 3.705 ug/l
RT: 2.58 min Scan# 198
Delta R.T. -0.01 min
Lab File: VF062139.D
Acq: 25 Mar 2019 18:47

Tgt Ion: 59 Resp: 470

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.0	16.4#



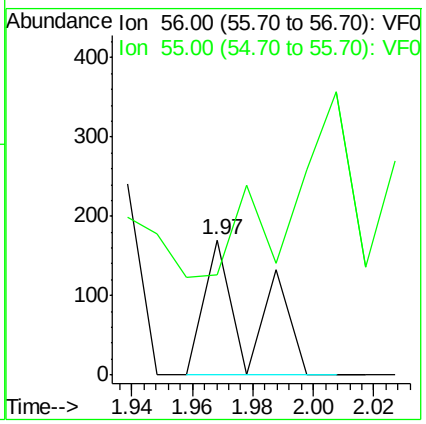


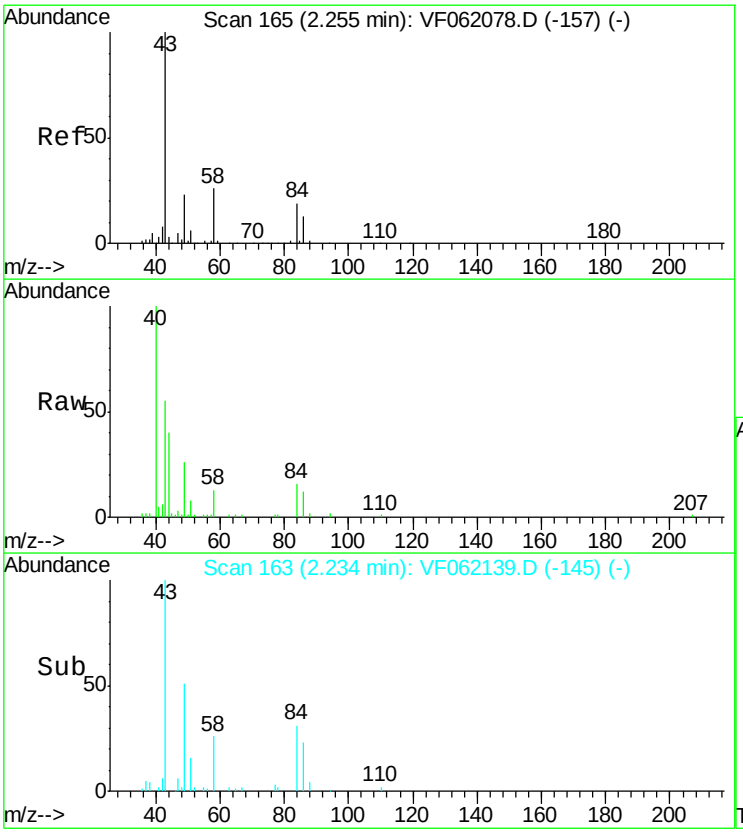
#13
Acrolein
Concen: 1.173 ug/l
RT: 1.97 min Scan# 136
Delta R.T. -0.05 min
Lab File: VF062139.D
Acq: 25 Mar 2019 18:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 179

Ion	Ratio	Lower	Upper
56	100		
55	74.1	49.0	73.4#

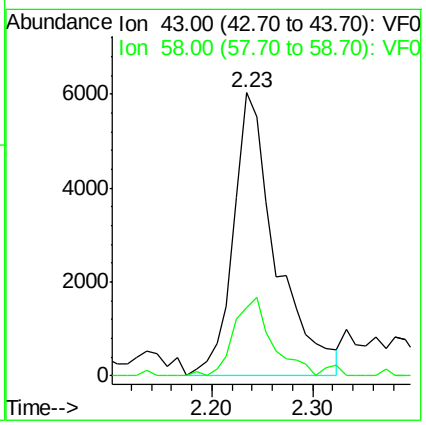


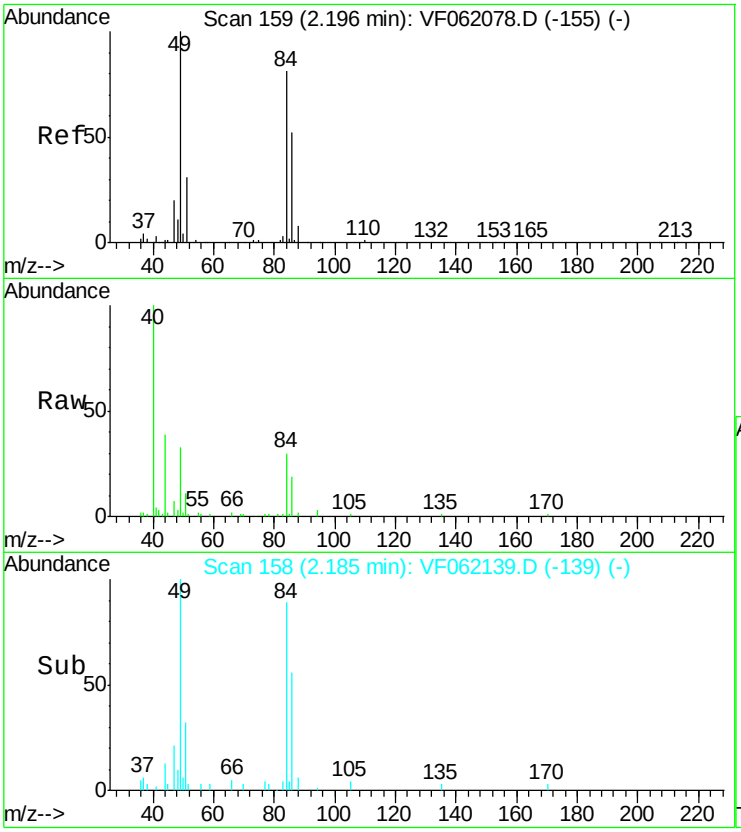


#16
Acetone
Concen: 36.708 ug/l
RT: 2.23 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF062139.D
Acq: 25 Mar 2019 18:47

Tgt Ion: 43 Resp: 17814

Ion	Ratio	Lower	Upper
43	100		
58	24.0	20.8	31.2



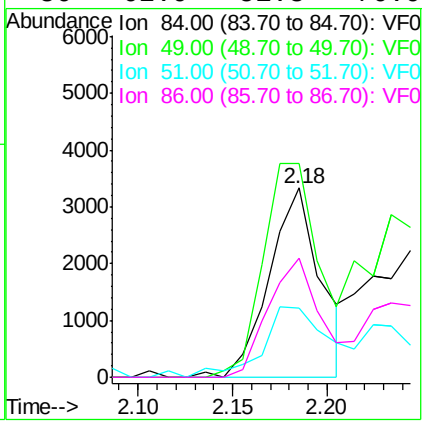


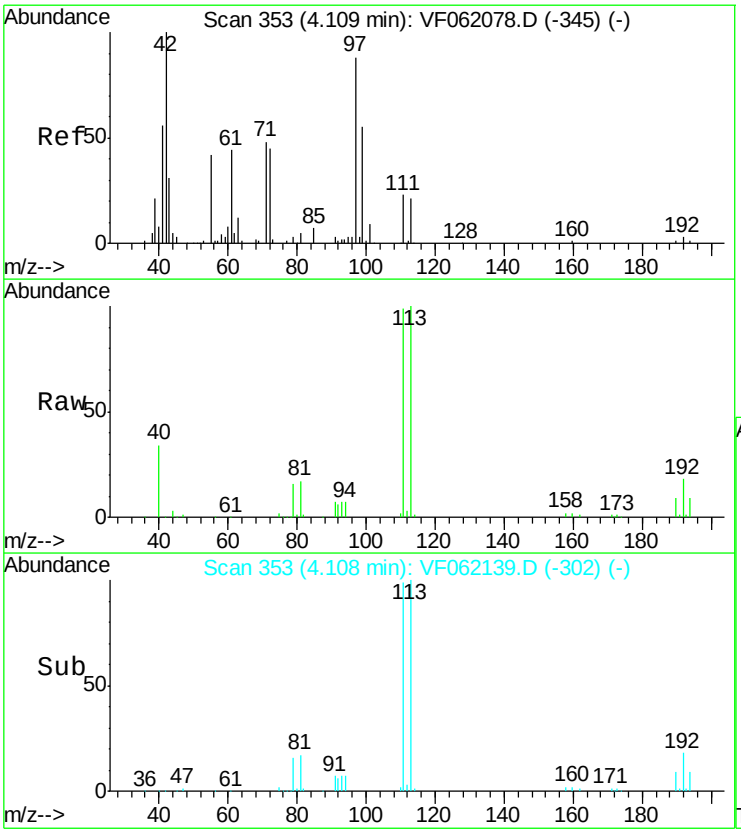
#20
Methylene Chloride
Concen: Below Cal
RT: 2.18 min Scan# 158
Delta R.T. -0.01 min
Lab File: VF062139.D
Acq: 25 Mar 2019 18:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 6344

Ion	Ratio	Lower	Upper
84	100		
49	112.8	100.4	150.6
51	40.2	31.0	46.6
86	62.9	51.3	76.9

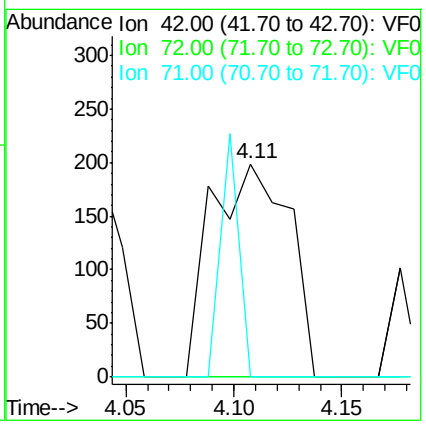


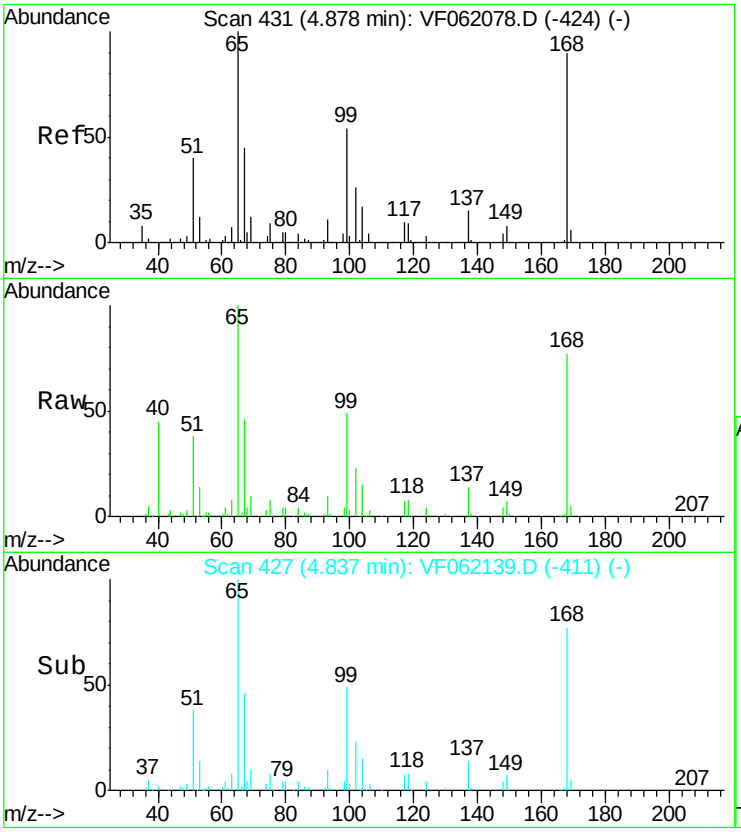


#29
Tetrahydrofuran
Concen: 1.133 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.00 min
Lab File: VF062139.D
Acq: 25 Mar 2019 18:47

Tgt Ion: 42 Resp: 499

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.3	49.9#
71	26.9	35.0	52.4#



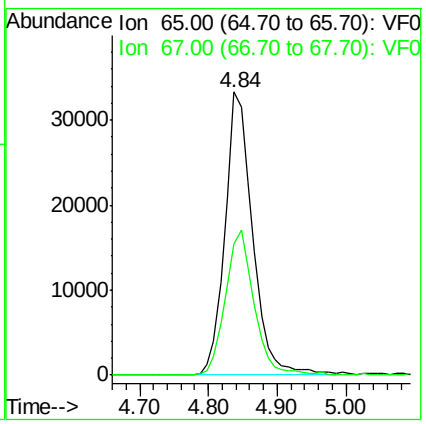


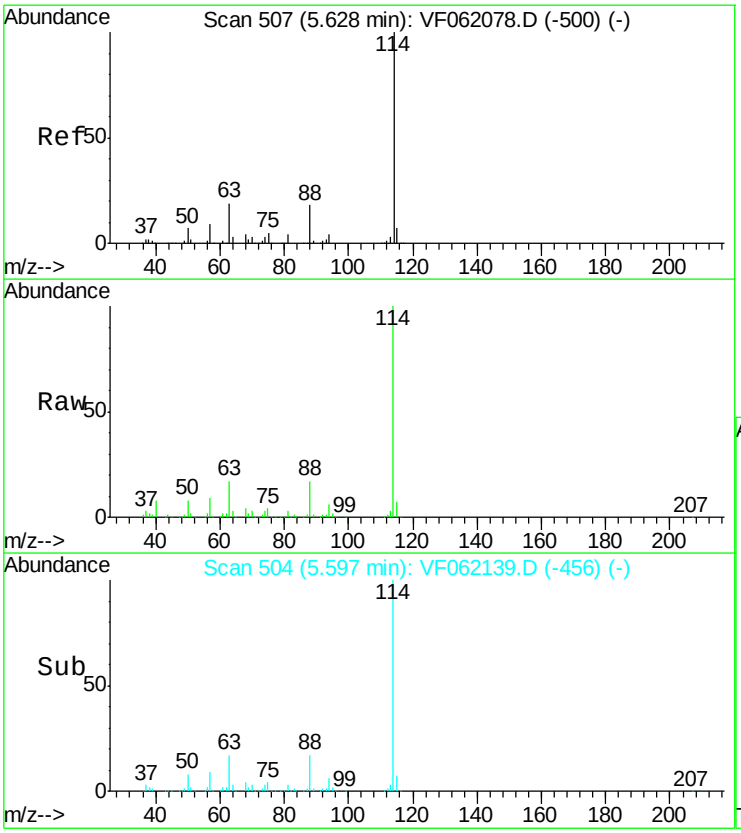
#33
1,2-Dichloroethane-d4
Concen: 40.210 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.04 min
Lab File: VF062139.D
Acq: 25 Mar 2019 18:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 92715

Ion	Ratio	Lower	Upper
65	100		
67	46.2	0.0	106.2

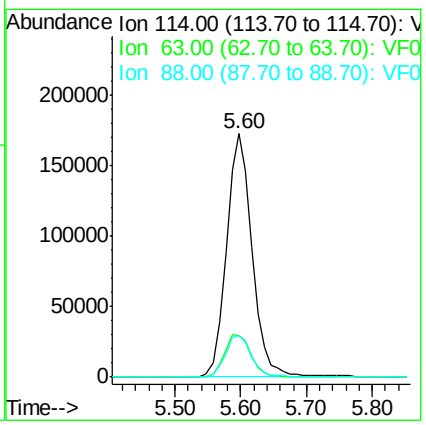


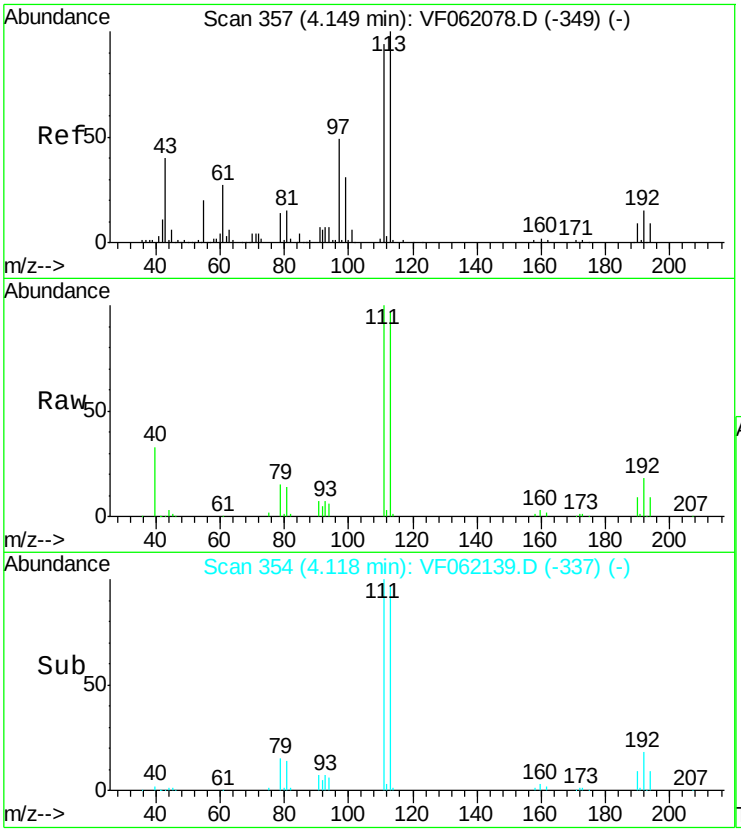


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.03 min
Lab File: VF062139.D
Acq: 25 Mar 2019 18:47

Tgt Ion:114 Resp: 471762

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	37.8
88	17.2	0.0	36.4



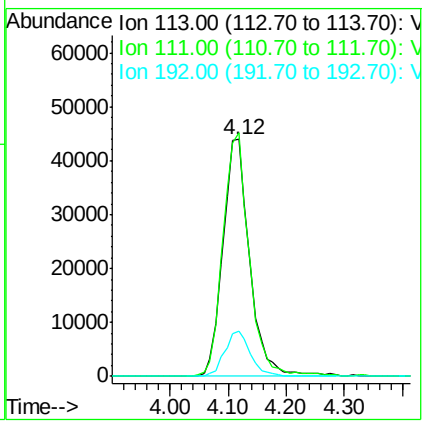


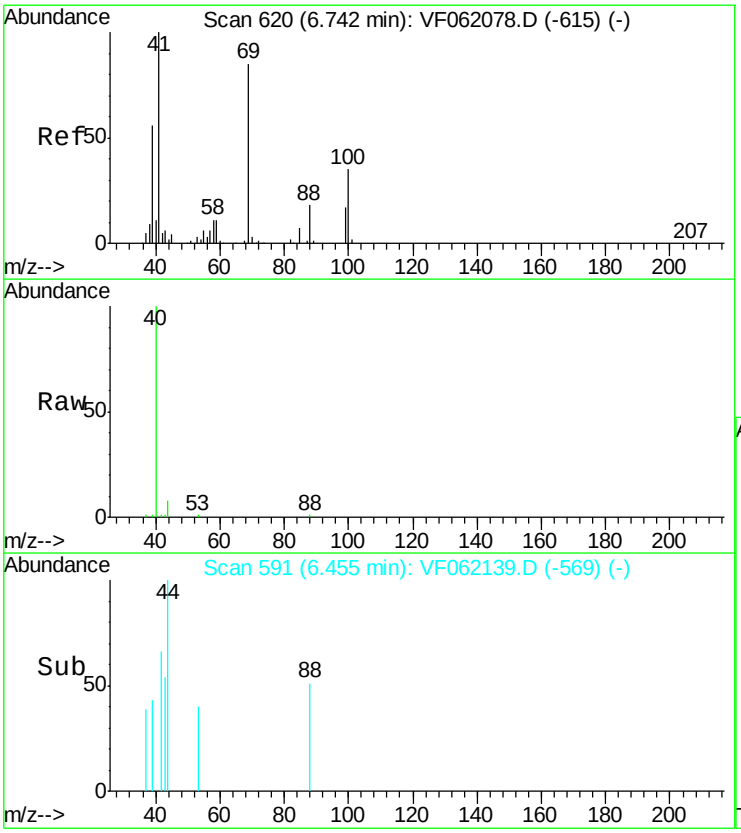
#35
Dibromofluoromethane
Concen: 44.152 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.03 min
Lab File: VF062139.D
Acq: 25 Mar 2019 18:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 140903

Ion	Ratio	Lower	Upper
113	100		
111	102.9	75.4	113.0
192	19.0	12.3	18.5#

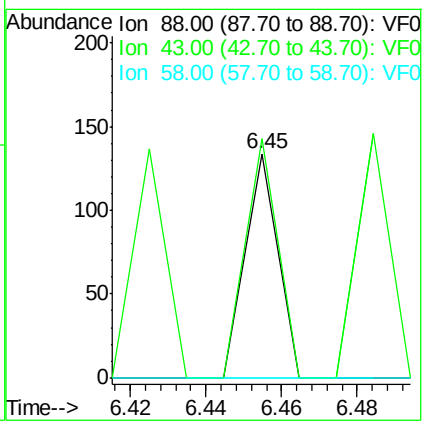


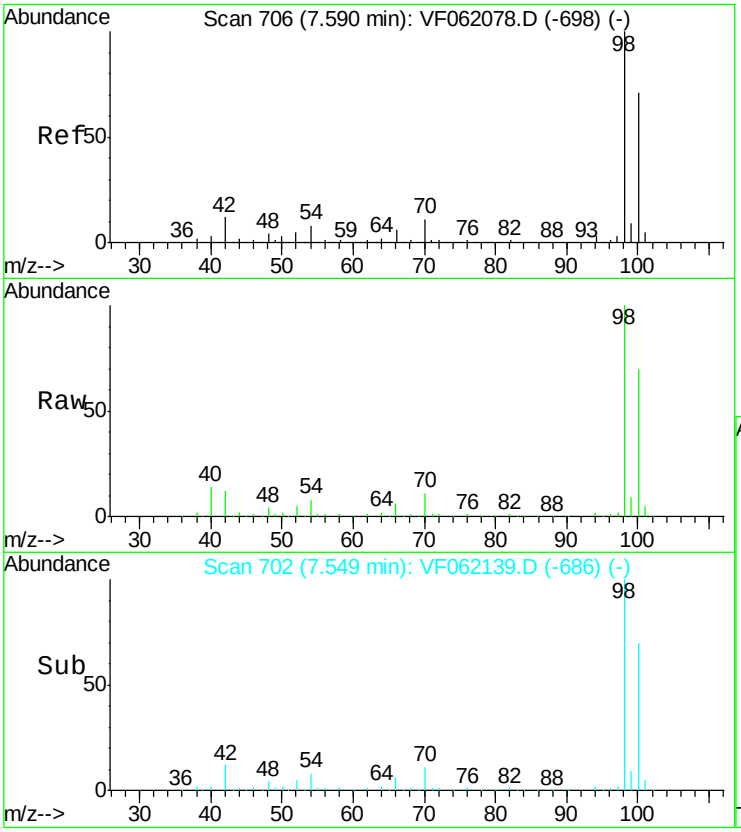


#49
1,4-Dioxane
Concen: 6.649 ug/l
RT: 6.45 min Scan# 591
Delta R.T. -0.29 min
Lab File: VF062139.D
Acq: 25 Mar 2019 18:47

Tgt Ion: 88 Resp: 79

Ion	Ratio	Lower	Upper
88	100		
43	106.7	35.0	52.4#
58	0.0	49.9	74.9#



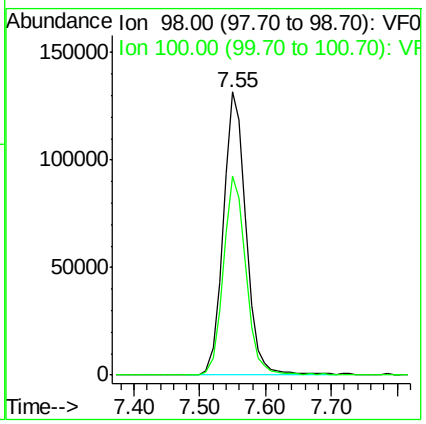


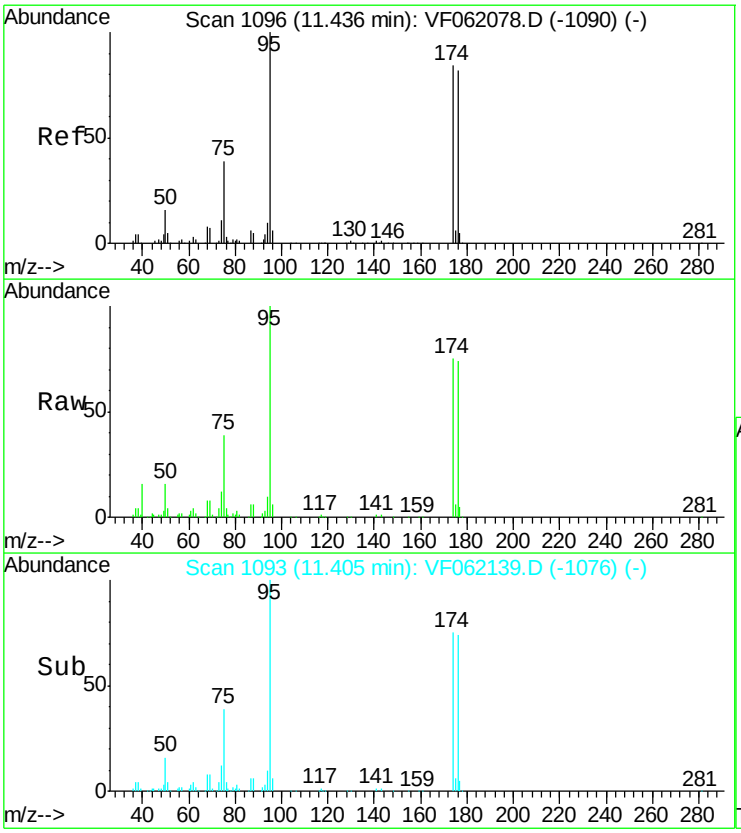
#50
Toluene-d8
Concen: 33.431 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF062139.D
Acq: 25 Mar 2019 18:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 318464

Ion	Ratio	Lower	Upper
98	100		
100	70.2	57.0	85.6

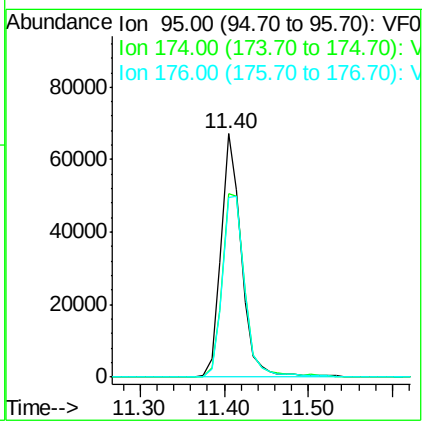


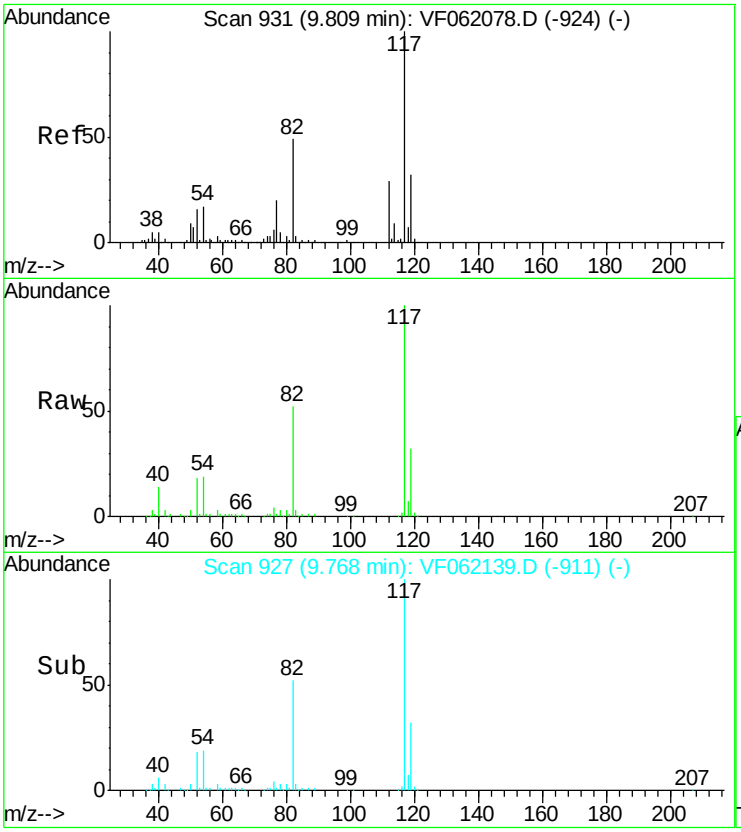


#62
4-Bromofluorobenzene
Concen: 30.831 ug/l
RT: 11.40 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF062139.D
Acq: 25 Mar 2019 18:47

Tgt Ion: 95 Resp: 113382

Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	168.2
176	73.6	0.0	164.2



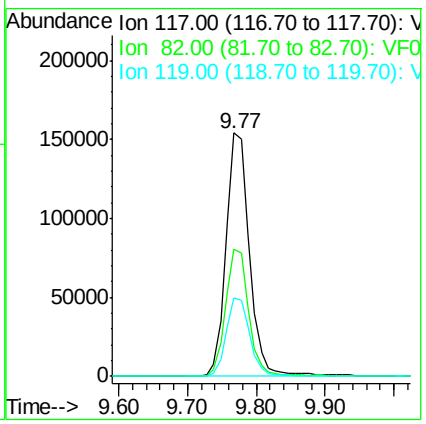


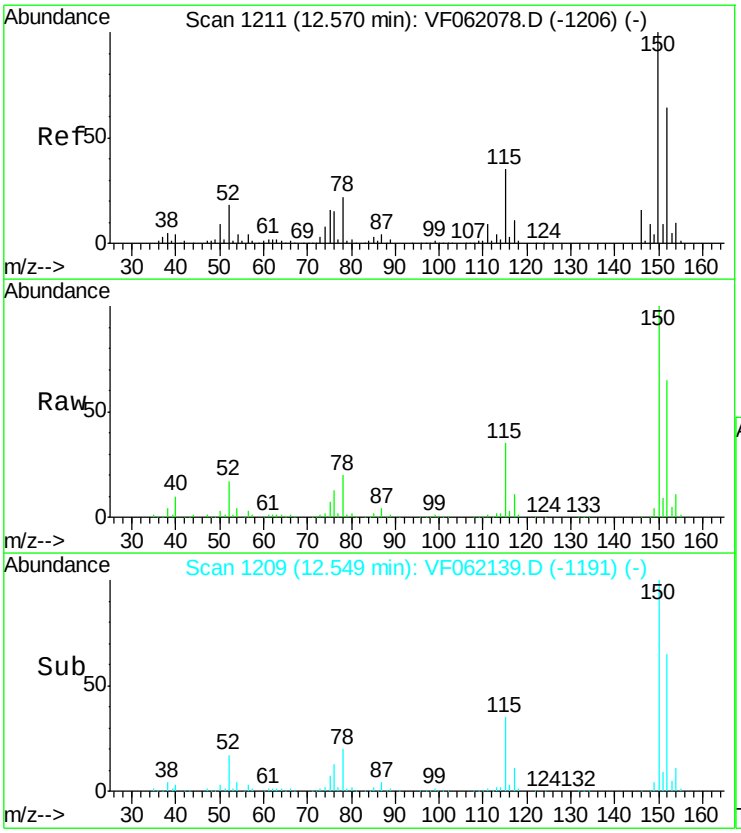
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF062139.D
Acq: 25 Mar 2019 18:47

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 363104

Ion	Ratio	Lower	Upper
117	100		
82	52.2	39.2	58.8
119	32.4	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF062139.D
Acq: 25 Mar 2019 18:47

Tgt Ion:152 Resp: 153104

Ion	Ratio	Lower	Upper
152	100		
115	53.6	27.7	83.1
150	154.4	0.0	313.2