Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF032119\
Data File : VF062062.D
Acq On : 21 Mar 2019 15:57
Operator : VA/AP
Sample : K1688-29RE
Misc : 5.55g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : JC-02-031919-E

Quant Time: Mar 22 08:08:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 03:22:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	270470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	425557	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	323608	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	153630	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	99694	51.21	ug/l	0.01
Spiked Amount 50.000			Recovery = 102.42%			
35) Dibromofluoromethane	4.11	113	142200	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.52%			
50) Toluene-d8	7.56	98	358533	42.92	ug/l	0.01
Spiked Amount 50.000			Recovery = 85.84%			
62) 4-Bromofluorobenzene	11.42	95	143608	43.27	ug/l	0.01
Spiked Amount 50.000			Recovery = 86.54%			
Target Compounds						Qvalue
8) Diethyl Ether	1.64	74	853	1.022	ug/l	95
11) Tert butyl alcohol	2.57	59	507	4.256	ug/l #	13
13) Acrolein	1.87	56	498	3.872	ug/l	99
16) Acetone	2.15	43	693	1.585	ug/l	98
18) Methyl Acetate	2.36	43	1115	1.125	ug/l #	53
20) Methylene Chloride	2.18	84	7975	3.496	ug/l	94
29) Tetrahydrofuran	4.10	42	455	1.208	ug/l #	58

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

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JC-02-031919-E

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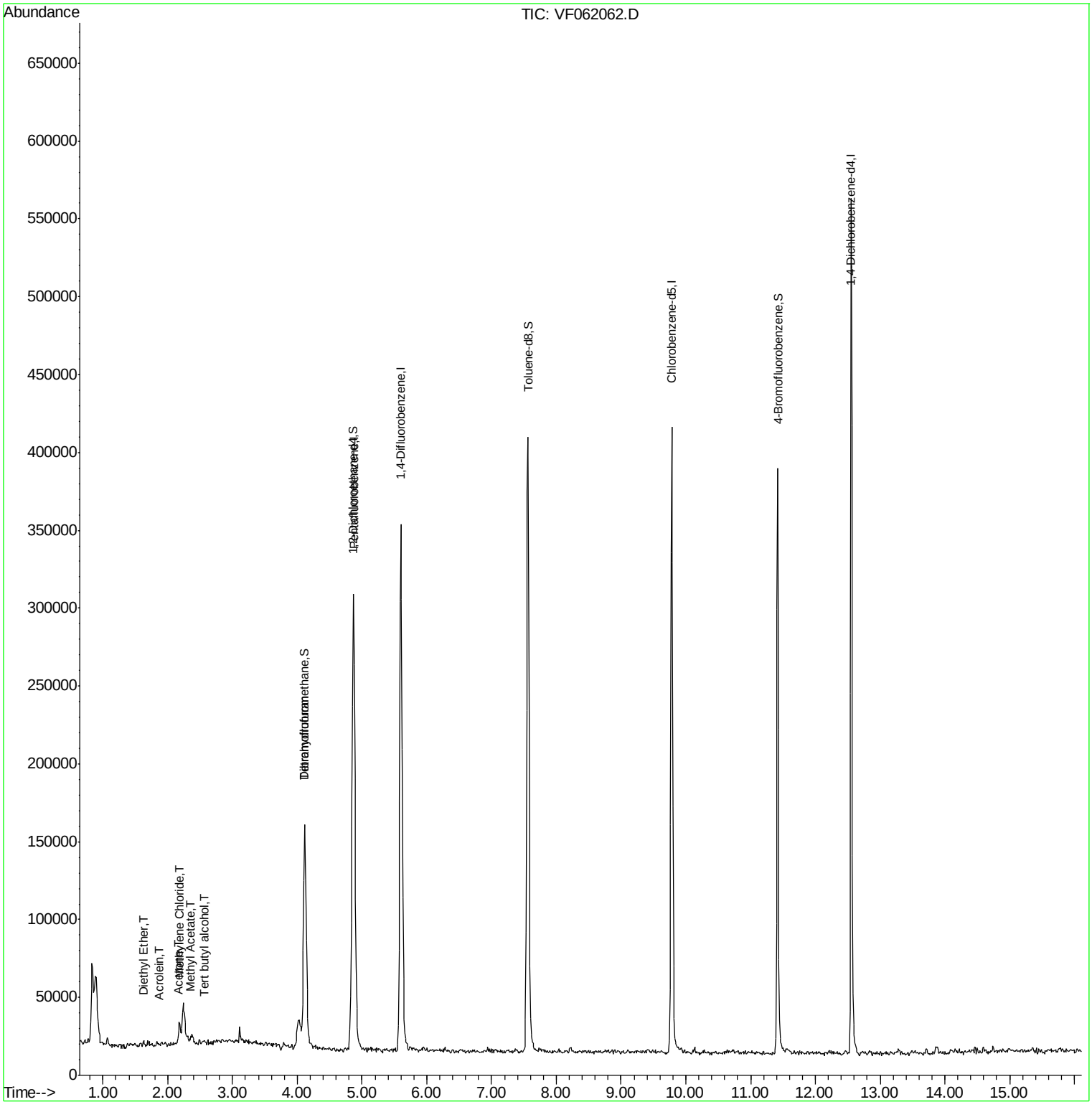
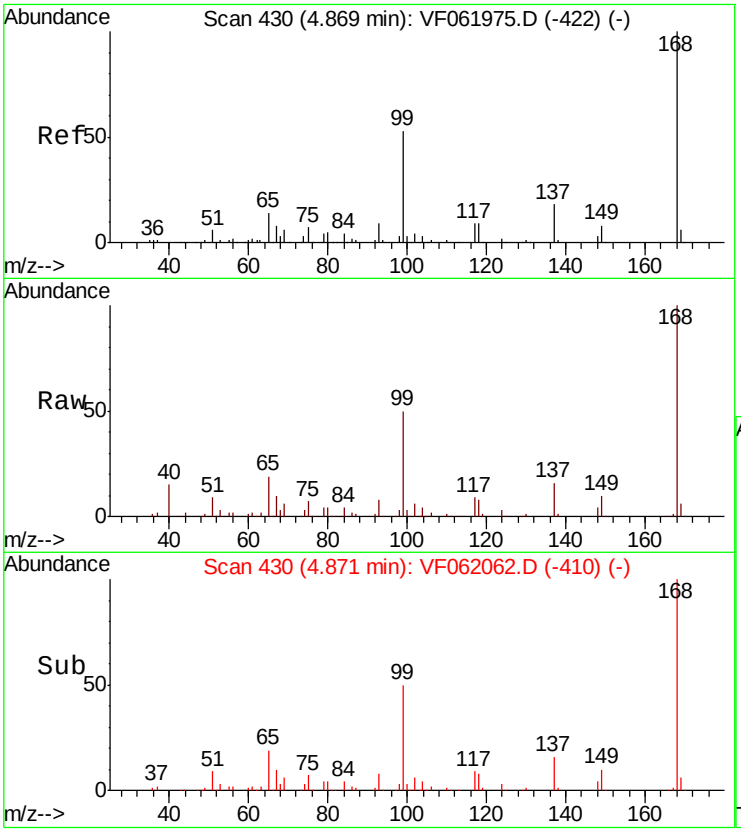


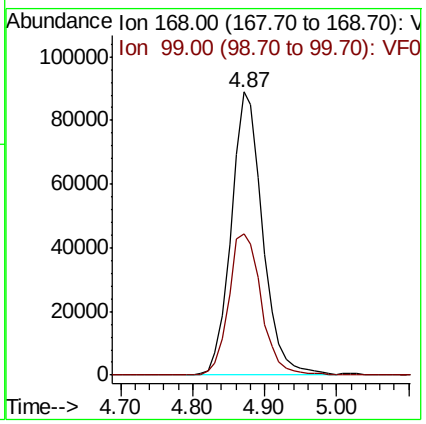


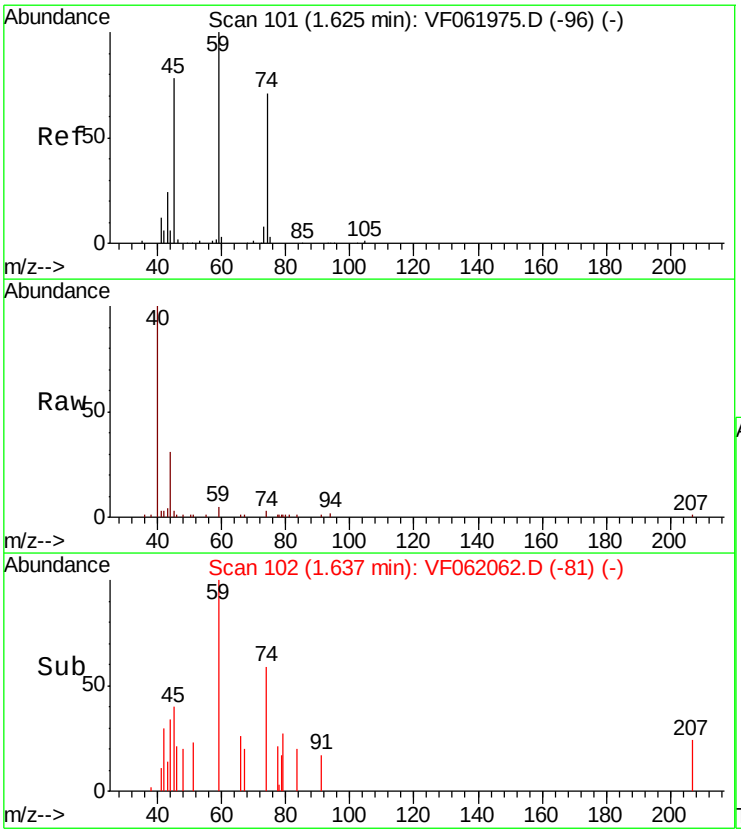
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.00 min
Lab File: VF062062.D
Acq: 21 Mar 2019 15:57

Instrument :
MSVOA_F
ClientSampleId :
JC-02-031919-E

Tgt Ion:168 Resp: 270470

Ion	Ratio	Lower	Upper
168	100		
99	50.1	42.4	63.6

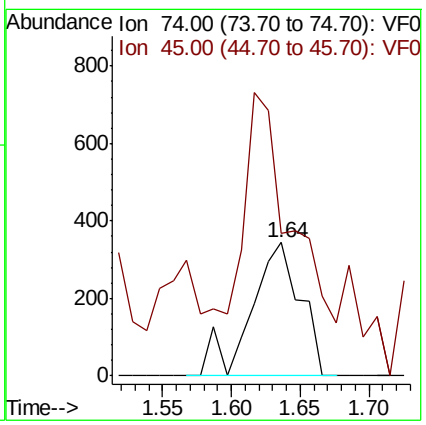


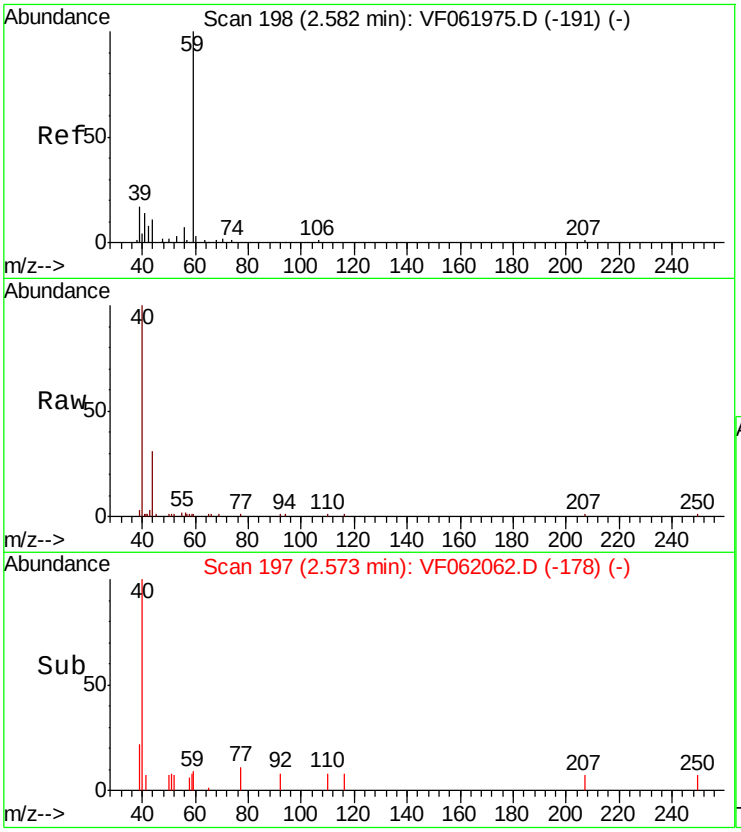


#8
Diethyl Ether
Concen: 1.022 ug/l
RT: 1.64 min Scan# 102
Delta R.T. 0.01 min
Lab File: VF062062.D
Acq: 21 Mar 2019 15:57

Tgt Ion: 74 Resp: 853

Ion	Ratio	Lower	Upper
74	100		
45	107.3	56.3	168.8



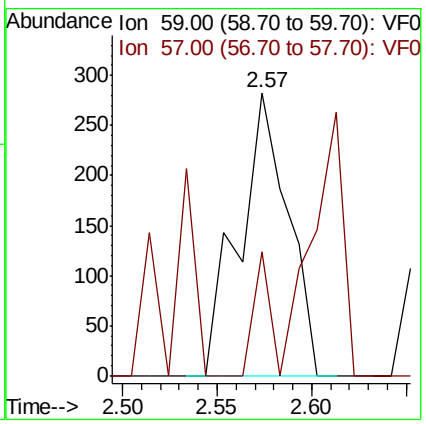


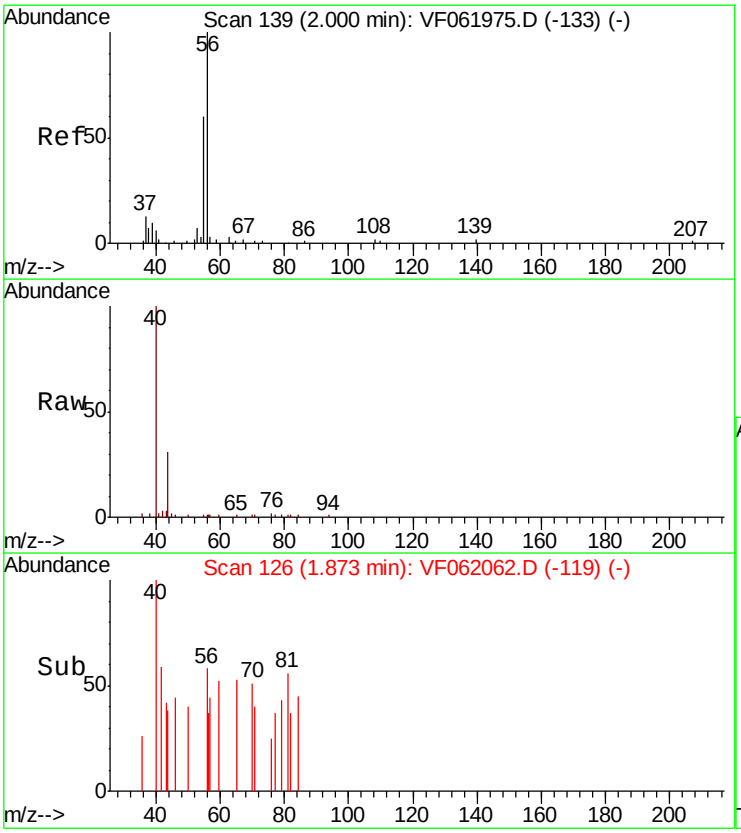
#11
Tert butyl alcohol
Concen: 4.256 ug/l
RT: 2.57 min Scan# 197
Delta R.T. -0.01 min
Lab File: VF062062.D
Acq: 21 Mar 2019 15:57

Instrument :
MSVOA_F
ClientSampleId :
JC-02-031919-E

Tgt Ion: 59 Resp: 507

Ion	Ratio	Lower	Upper
59	100		
57	43.8	8.7	13.1#

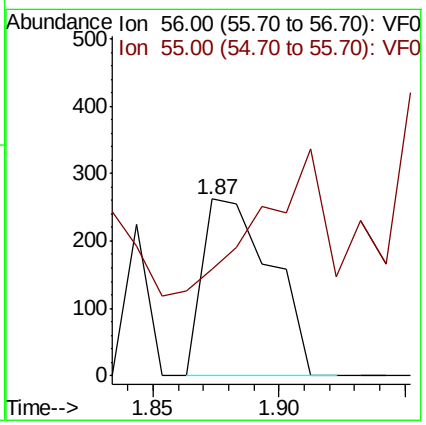


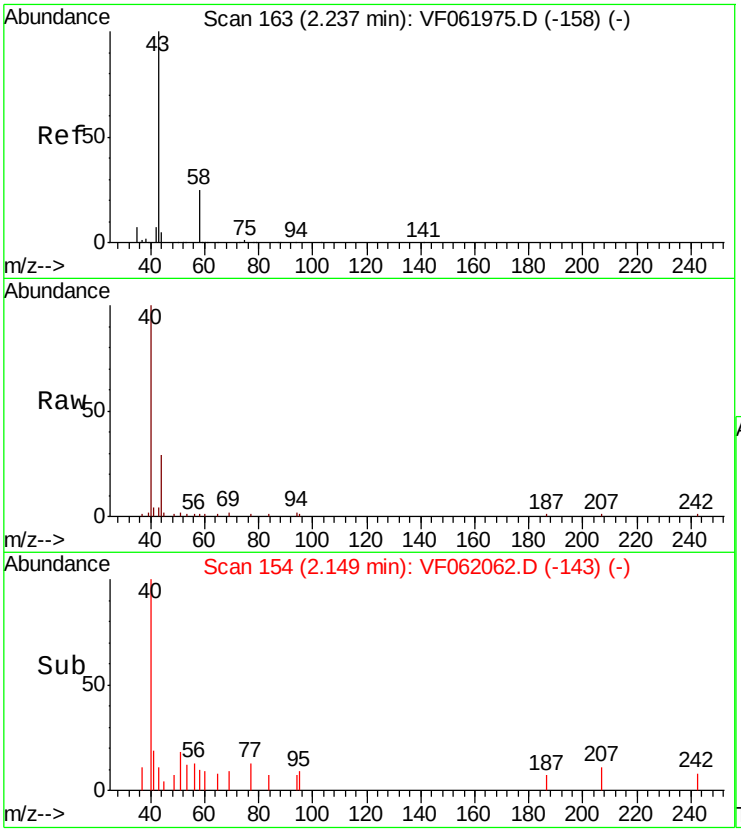


#13
Acrolein
Concen: 3.872 ug/l
RT: 1.87 min Scan# 126
Delta R.T. -0.13 min
Lab File: VF062062.D
Acq: 21 Mar 2019 15:57

Tgt Ion: 56 Resp: 498

Ion	Ratio	Lower	Upper
56	100		
55	60.3	49.1	73.7



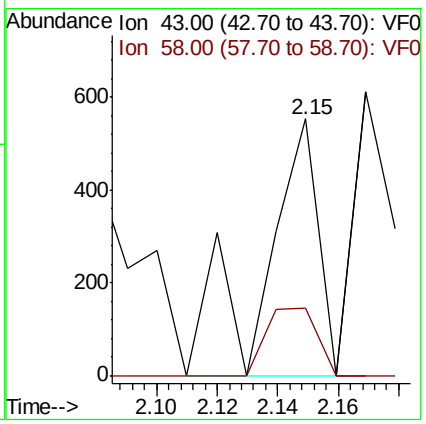


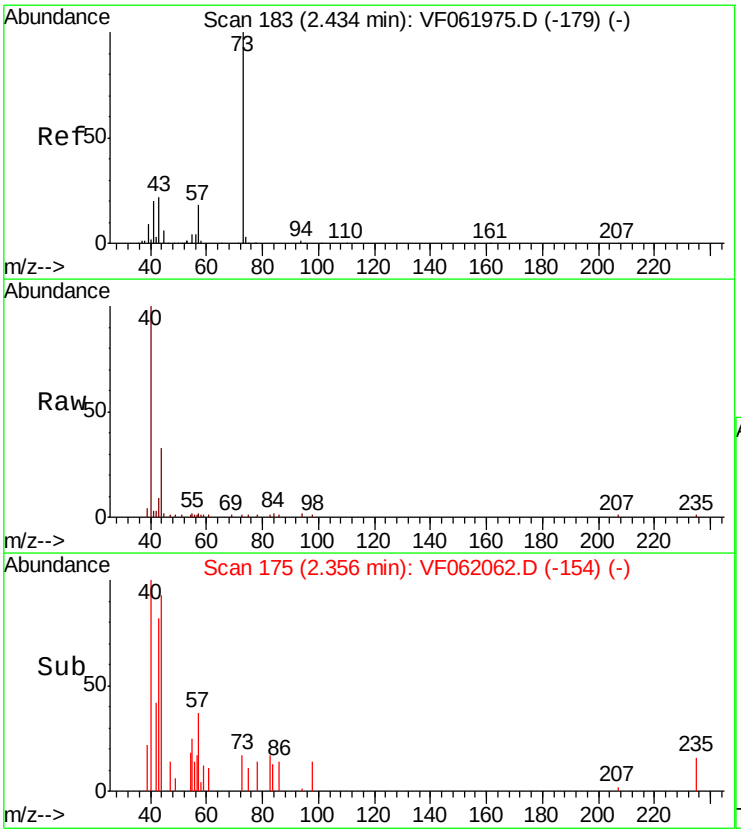
#16
Acetone
Concen: 1.585 ug/l
RT: 2.15 min Scan# 154
Delta R.T. -0.09 min
Lab File: VF062062.D
Acq: 21 Mar 2019 15:57

Instrument : MSVOA_F
ClientSampleId : JC-02-031919-E

Tgt Ion: 43 Resp: 693

Ion	Ratio	Lower	Upper
43	100		
58	26.0	19.9	29.9

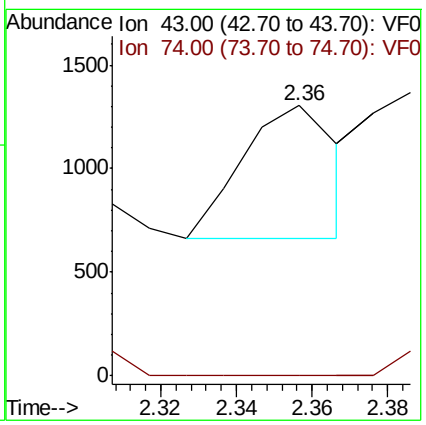


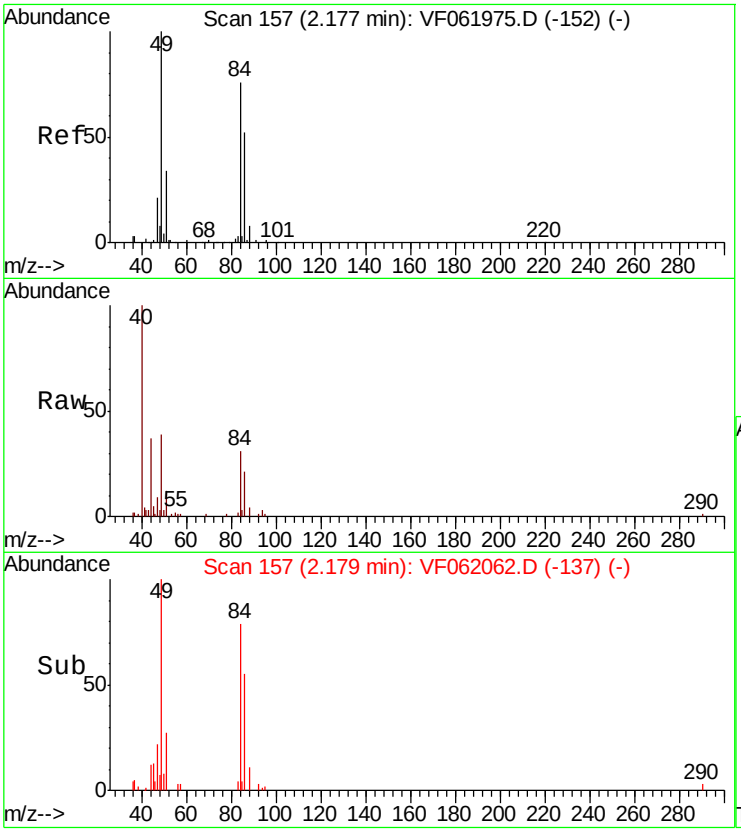


#18
Methyl Acetate
Concen: 1.125 ug/l
RT: 2.36 min Scan# 175
Delta R.T. 0.01 min
Lab File: VF062062.D
Acq: 21 Mar 2019 15:57

Tgt Ion: 43 Resp: 1115

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.3	27.5#



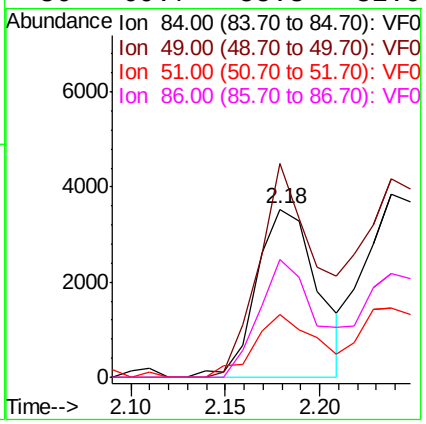


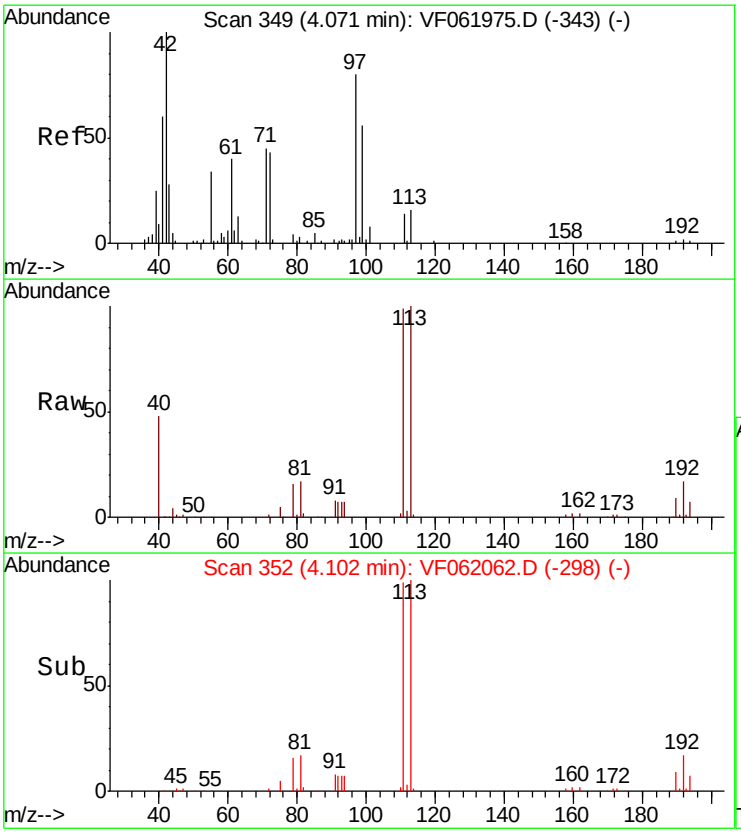
#20
Methylene Chloride
Concen: 3.496 ug/l
RT: 2.18 min Scan# 157
Delta R.T. 0.00 min
Lab File: VF062062.D
Acq: 21 Mar 2019 15:57

Instrument : MSVOA_F
ClientSampleId : JC-02-031919-E

Tgt Ion: 84 Resp: 7975

Ion	Ratio	Lower	Upper
84	100		
49	126.9	107.0	160.6
51	37.5	37.2	55.8
86	69.7	55.3	82.9

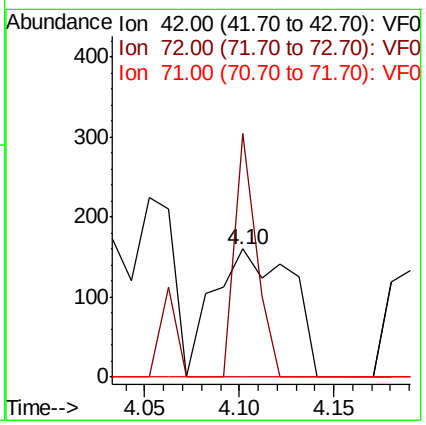


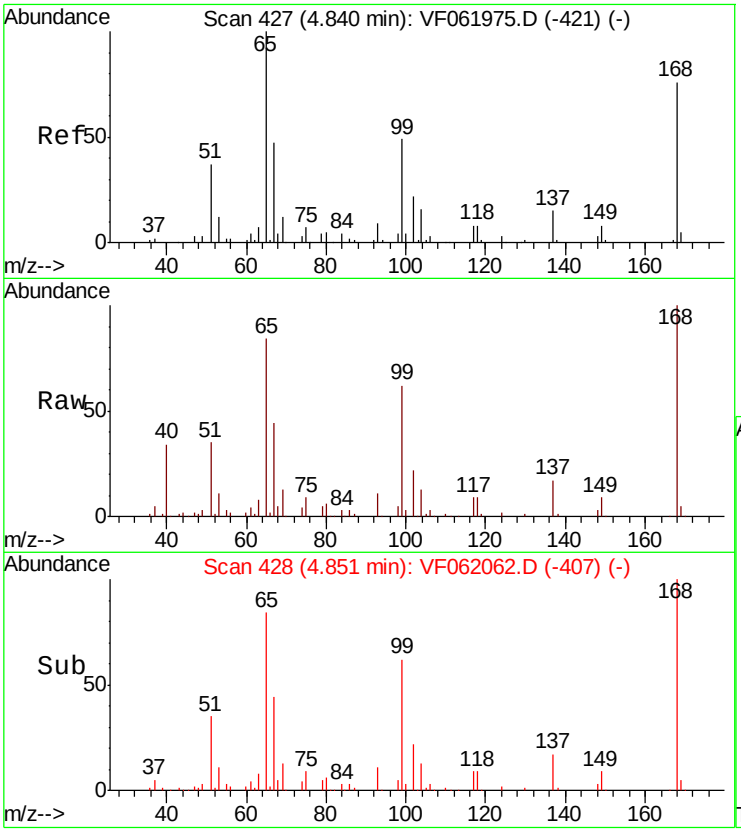


#29
Tetrahydrofuran
Concen: 1.208 ug/l
RT: 4.10 min Scan# 352
Delta R.T. 0.03 min
Lab File: VF062062.D
Acq: 21 Mar 2019 15:57

Tgt Ion: 42 Resp: 455

Ion	Ratio	Lower	Upper
42	100		
72	52.7	34.0	51.0#
71	0.0	34.2	51.4#



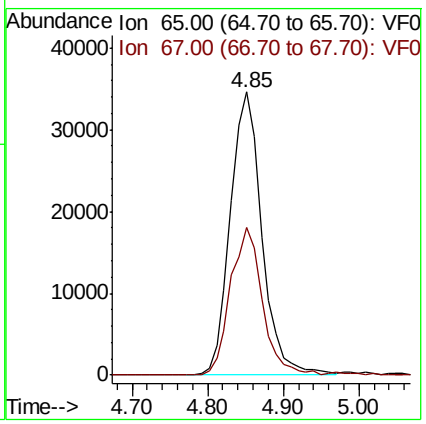


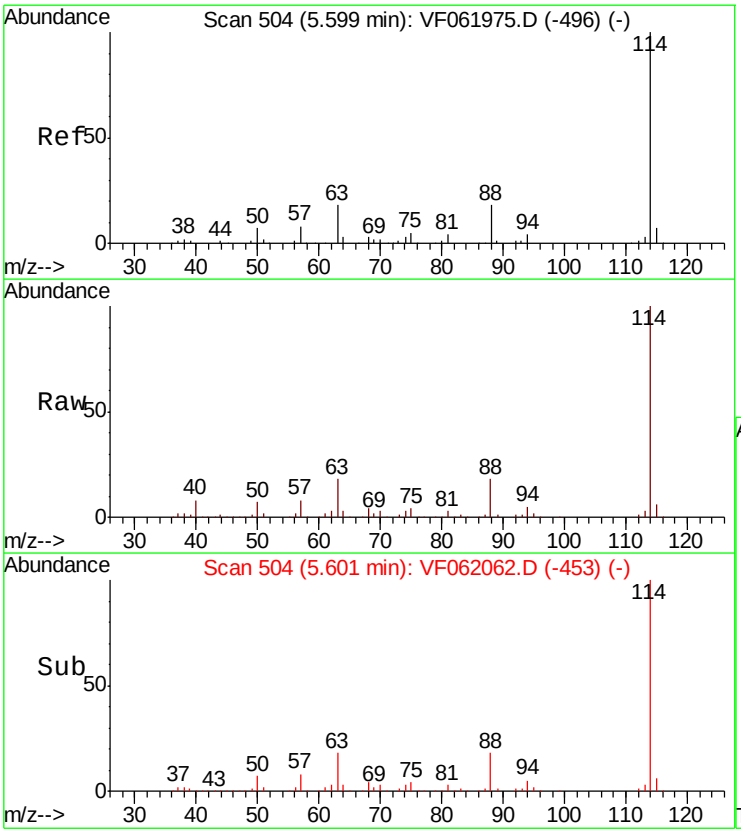
#33
1,2-Dichloroethane-d4
Concen: 51.205 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.01 min
Lab File: VF062062.D
Acq: 21 Mar 2019 15:57

Instrument :
MSVOA_F
ClientSampleId :
JC-02-031919-E

Tgt Ion: 65 Resp: 99694

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	109.4

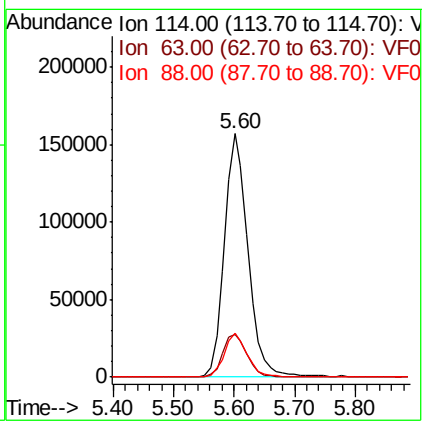


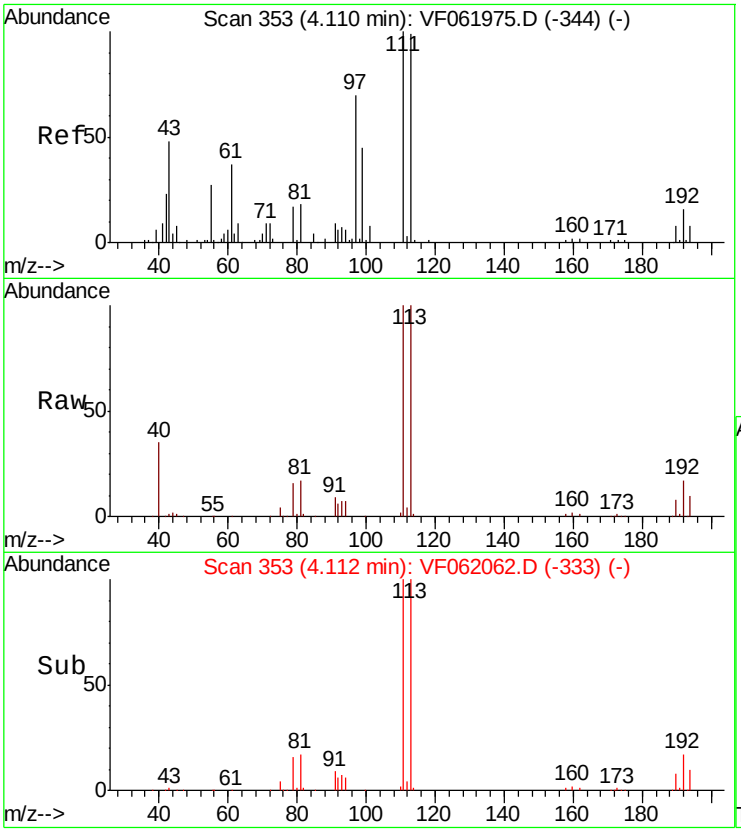


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.00 min
Lab File: VF062062.D
Acq: 21 Mar 2019 15:57

Tgt Ion:114 Resp: 425557

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	36.4
88	18.3	0.0	36.4



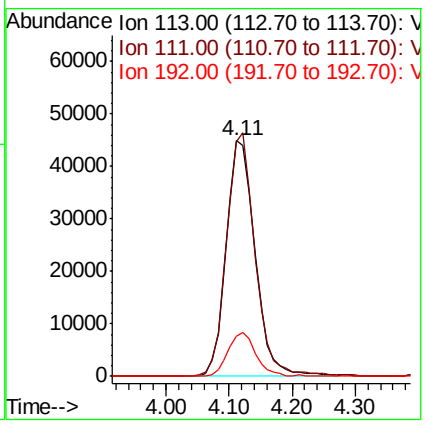


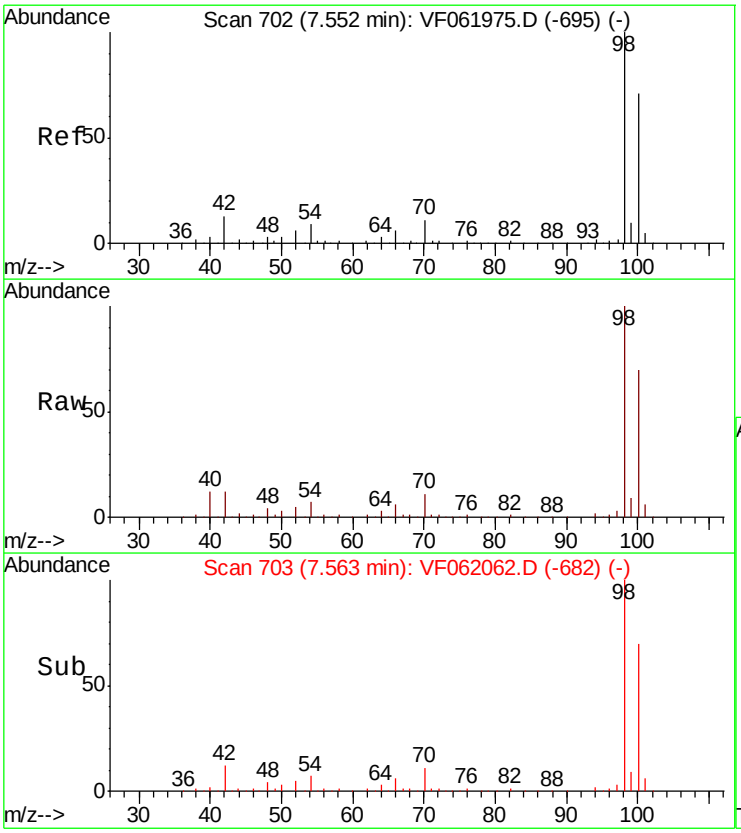
#35
Dibromofluoromethane
Concen: 49.760 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.00 min
Lab File: VF062062.D
Acq: 21 Mar 2019 15:57

Instrument :
MSVOA_F
ClientSampleId :
JC-02-031919-E

Tgt Ion:113 Resp: 142200

Ion	Ratio	Lower	Upper
113	100		
111	99.5	80.8	121.2
192	17.2	13.0	19.6

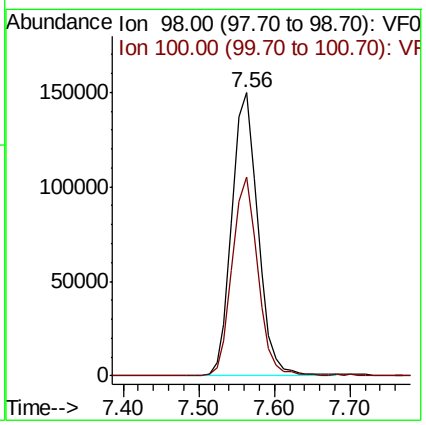


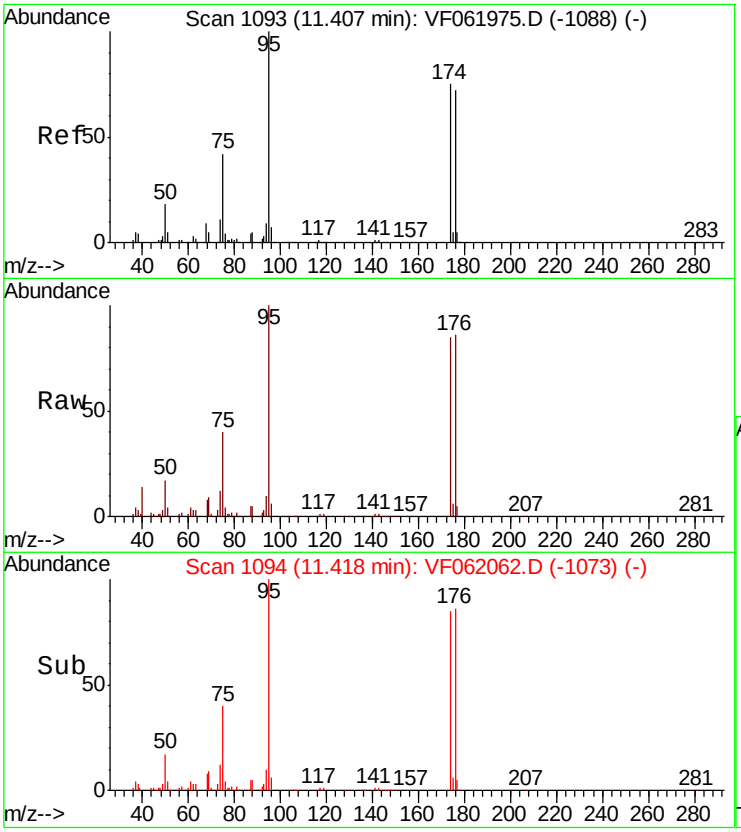


#50
Toluene-d8
Concen: 42.918 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.01 min
Lab File: VF062062.D
Acq: 21 Mar 2019 15:57

Tgt Ion: 98 Resp: 358533

Ion	Ratio	Lower	Upper
98	100		
100	70.5	56.8	85.2



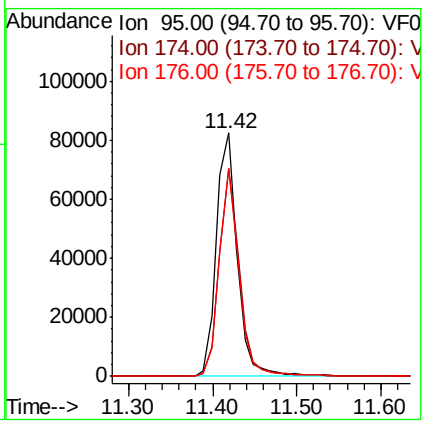


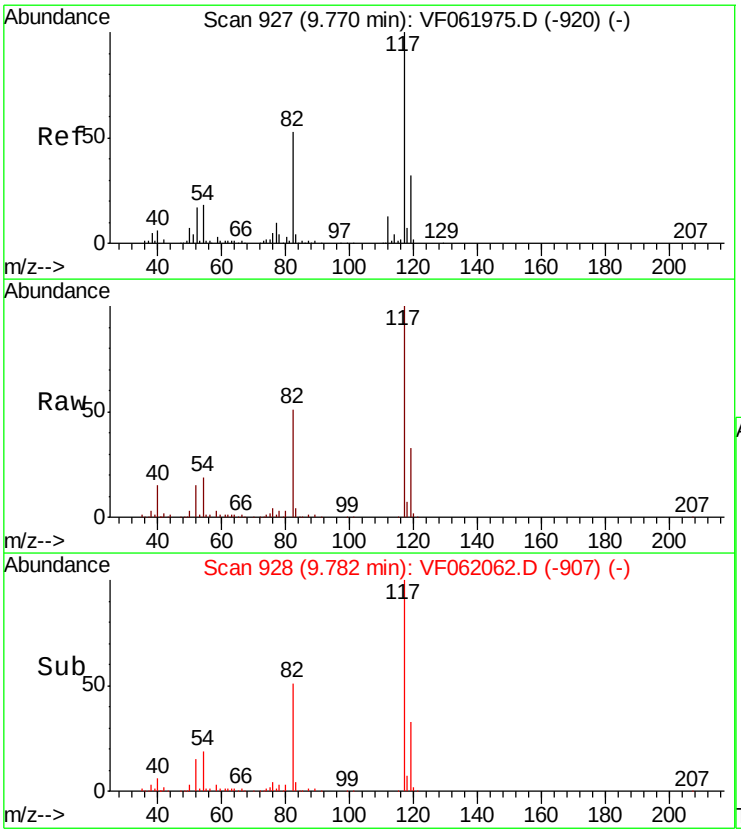
#62
4-Bromofluorobenzene
Concen: 43.273 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF062062.D
Acq: 21 Mar 2019 15:57

Instrument :
MSVOA_F
ClientSampleId :
JC-02-031919-E

Tgt Ion: 95 Resp: 143608

Ion	Ratio	Lower	Upper
95	100		
174	85.4	0.0	149.4
176	85.5	0.0	143.4

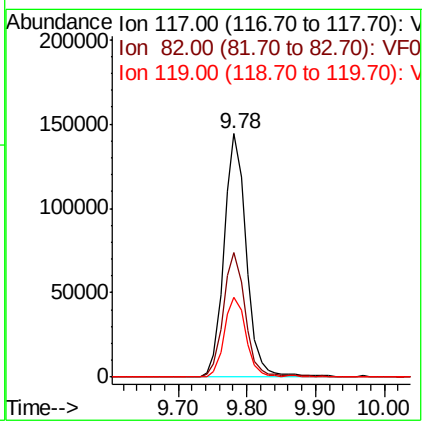


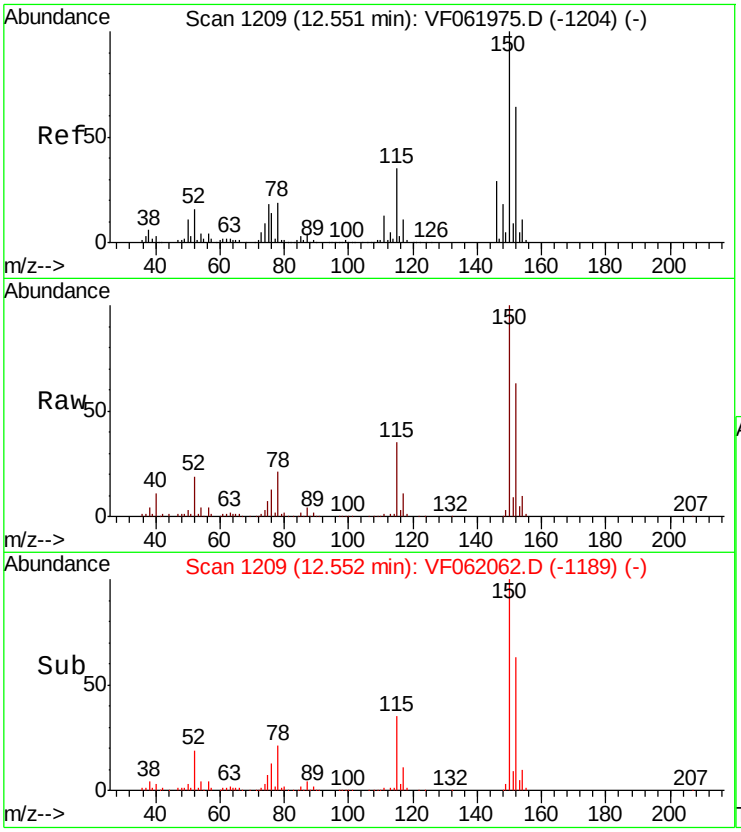


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF062062.D
Acq: 21 Mar 2019 15:57

Tgt Ion:117 Resp: 323608

Ion	Ratio	Lower	Upper
117	100		
82	51.0	42.5	63.7
119	33.0	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF062062.D
Acq: 21 Mar 2019 15:57

Instrument :
MSVOA_F
ClientSampleId :
JC-02-031919-E

Tgt Ion:152 Resp: 153630

Ion	Ratio	Lower	Upper
152	100		
115	56.3	27.3	81.9
150	158.5	0.0	316.2