Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021219\
Data File : VF061622.D
Acq On : 12 Feb 2019 21:30
Operator : VA/AP
Sample : K1343-31
Misc : 6.34g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-P

Quant Time: Feb 13 02:52:07 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	185574	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.61	114	339916	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.78	117	290588	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	144840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	123794	54.03	ug/l	0.02
Spiked Amount 50.000			Recovery = 108.06%			
35) Dibromofluoromethane	4.12	113	140031	52.21	ug/l	0.02
Spiked Amount 50.000			Recovery = 104.42%			
50) Toluene-d8	7.56	98	337723	45.96	ug/l	0.02
Spiked Amount 50.000			Recovery = 91.92%			
62) 4-Bromofluorobenzene	11.42	95	144348	42.04	ug/l	0.02
Spiked Amount 50.000			Recovery = 84.08%			
Target Compounds						Qvalue
13) Acrolein	1.91	56	397	14.893	ug/l	83
14) Allyl chloride	2.23	41	385	Below Cal		97
16) Acetone	2.24	43	15518	33.762	ug/l	94
18) Methyl Acetate	2.36	43	2574	2.824	ug/l #	61
20) Methylene Chloride	2.19	84	6792	2.690	ug/l	94
23) Vinyl Acetate	3.23	43	1072	3.603	ug/l #	78
25) 2-Butanone	4.34	43	865	1.132	ug/l #	73
29) Tetrahydrofuran	4.09	42	791	2.403	ug/l #	72

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021219\
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JC-02-021119-P

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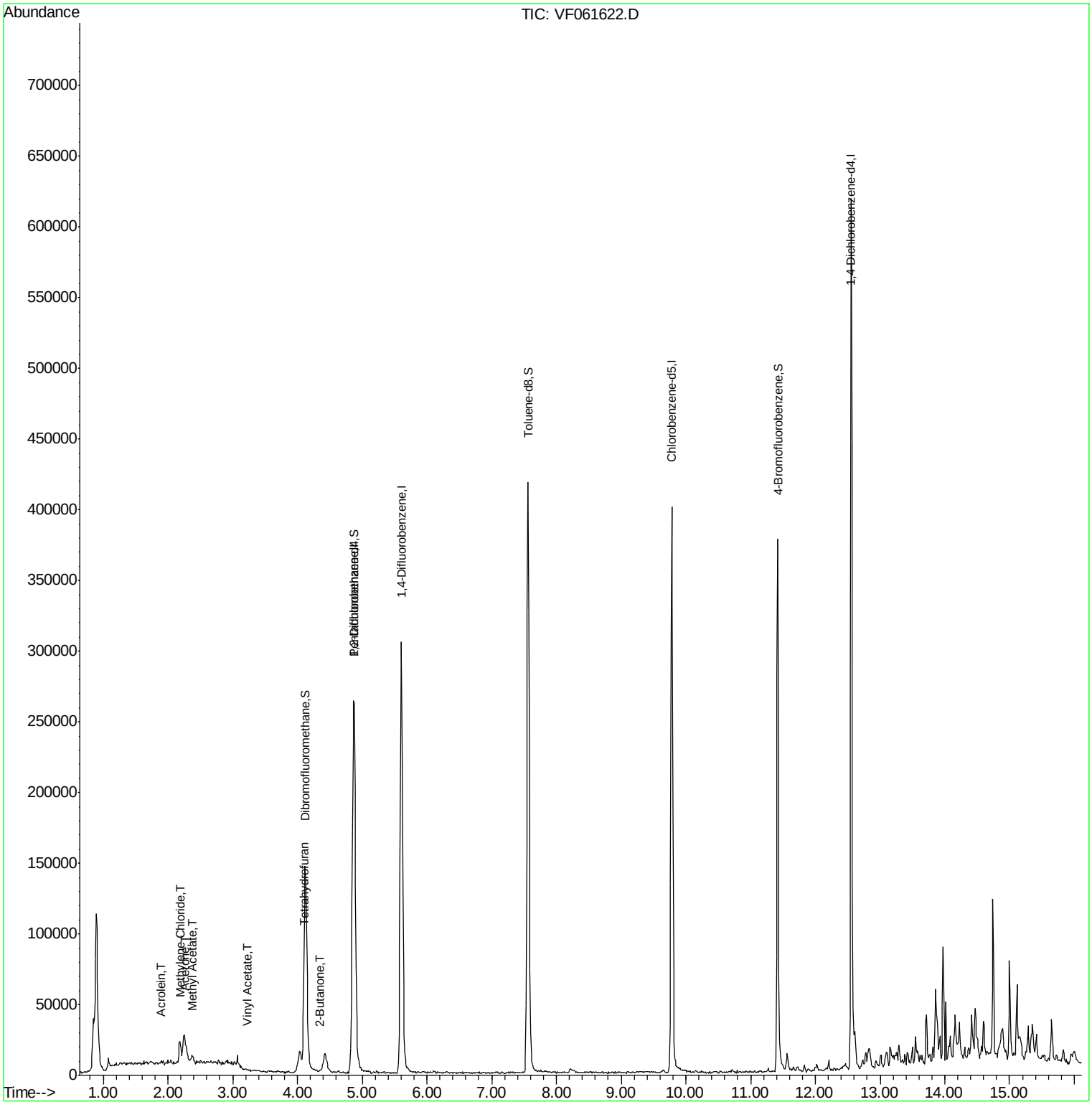
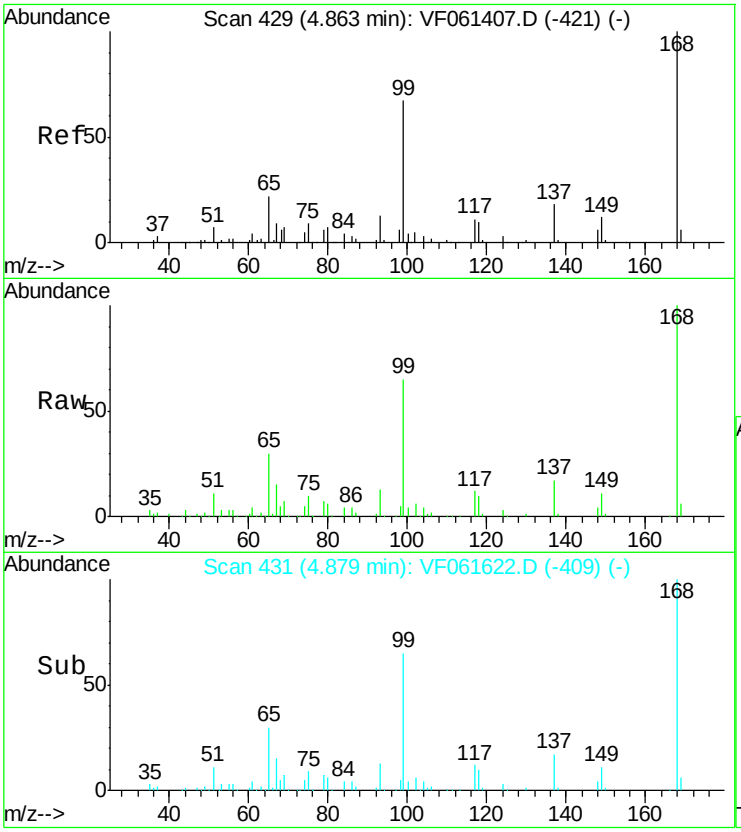
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration



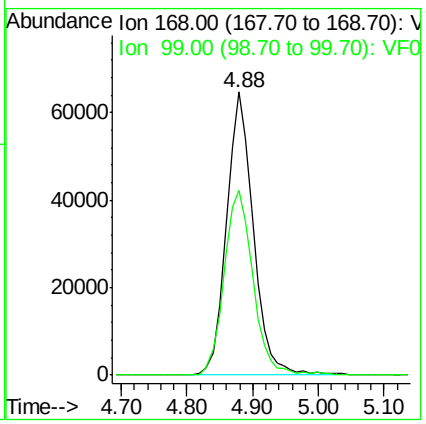


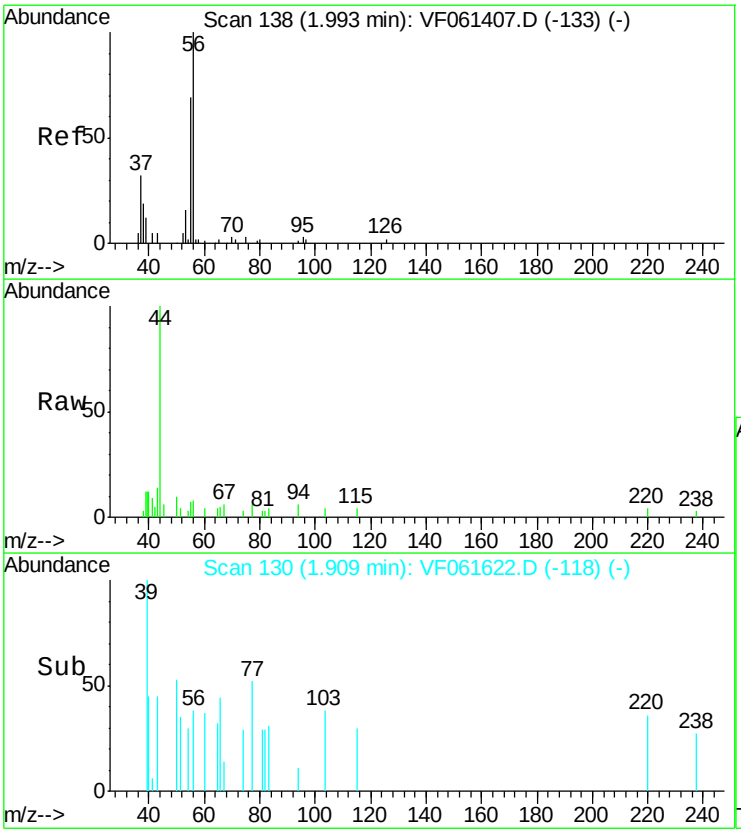
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.02 min
Lab File: VF061622.D
Acq: 12 Feb 2019 21:30

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-P

Tgt Ion:168 Resp: 185574

Ion	Ratio	Lower	Upper
168	100		
99	65.4	53.5	80.3

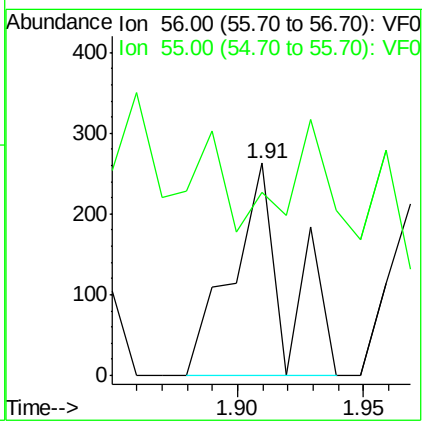


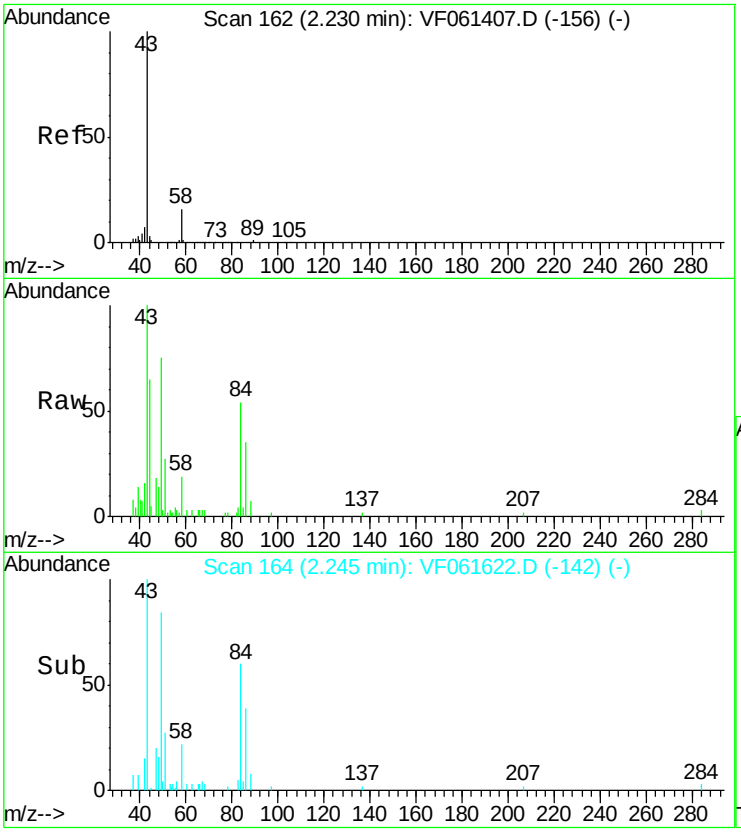


#13
Acrolein
Concen: 14.893 ug/l
RT: 1.91 min Scan# 130
Delta R.T. -0.08 min
Lab File: VF061622.D
Acq: 12 Feb 2019 21:30

Tgt Ion: 56 Resp: 397

Ion	Ratio	Lower	Upper
56	100		
55	85.9	57.5	86.3



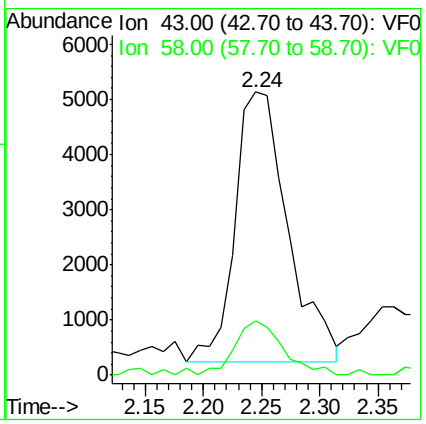


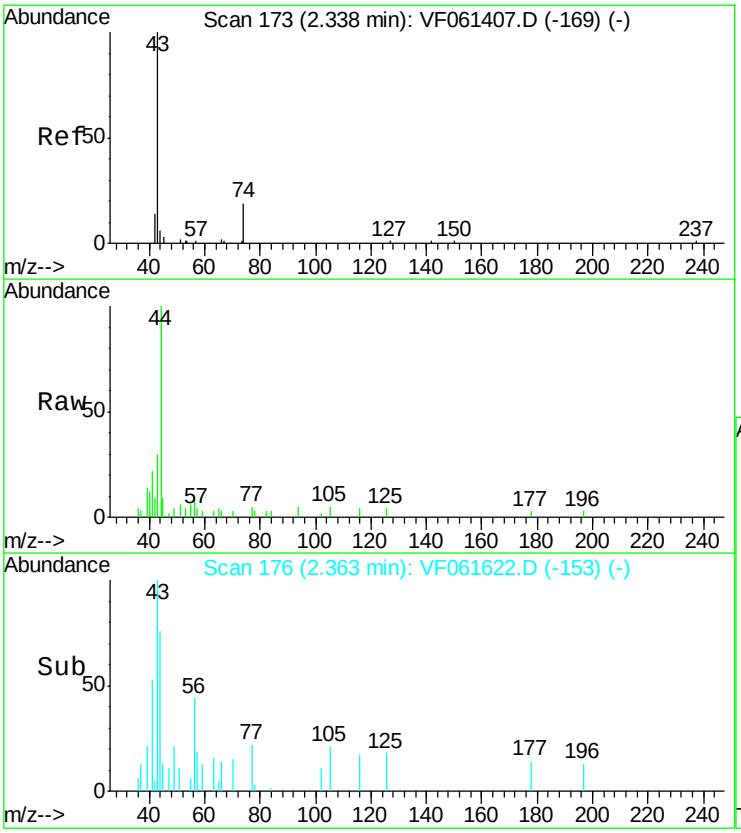
#16
Acetone
Concen: 33.762 ug/l
RT: 2.24 min Scan# 164
Delta R.T. 0.02 min
Lab File: VF061622.D
Acq: 12 Feb 2019 21:30

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-P

Tgt Ion: 43 Resp: 15518

Ion	Ratio	Lower	Upper
43	100		
58	19.4	13.3	19.9

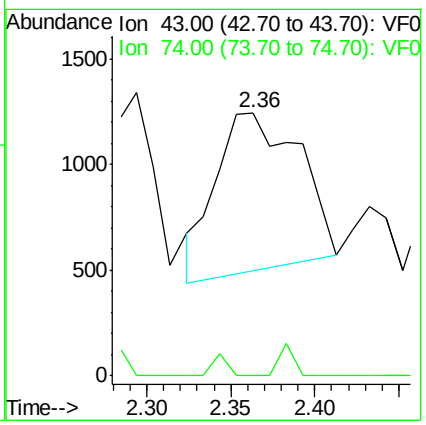


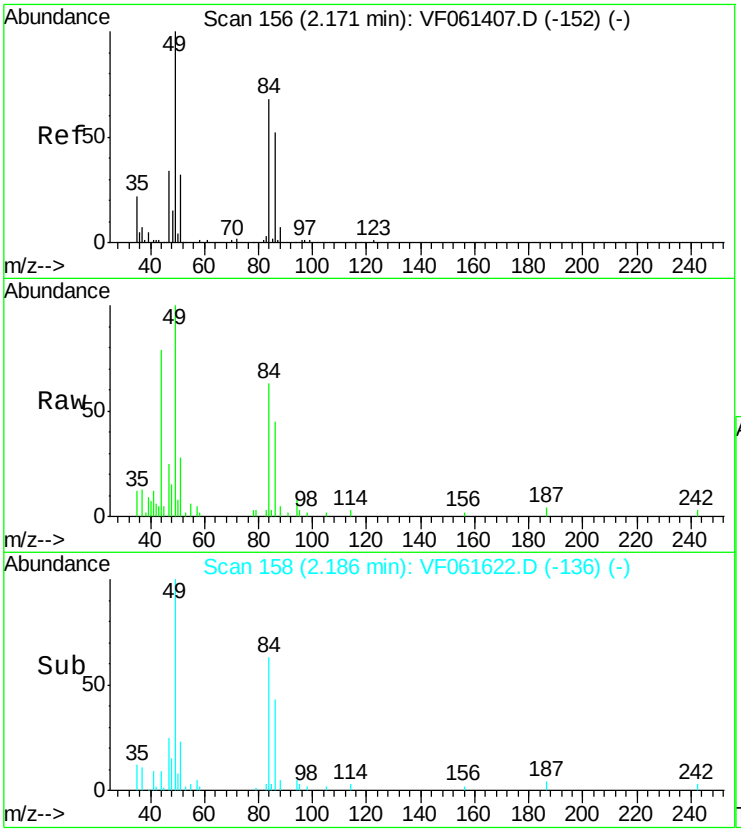


#18
Methyl Acetate
Concen: 2.824 ug/l
RT: 2.36 min Scan# 176
Delta R.T. 0.02 min
Lab File: VF061622.D
Acq: 12 Feb 2019 21:30

Tgt Ion: 43 Resp: 2574

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.4	20.0#



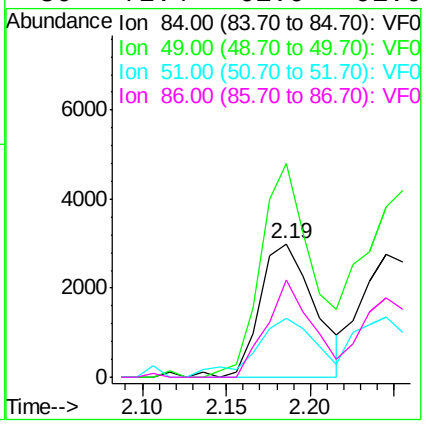


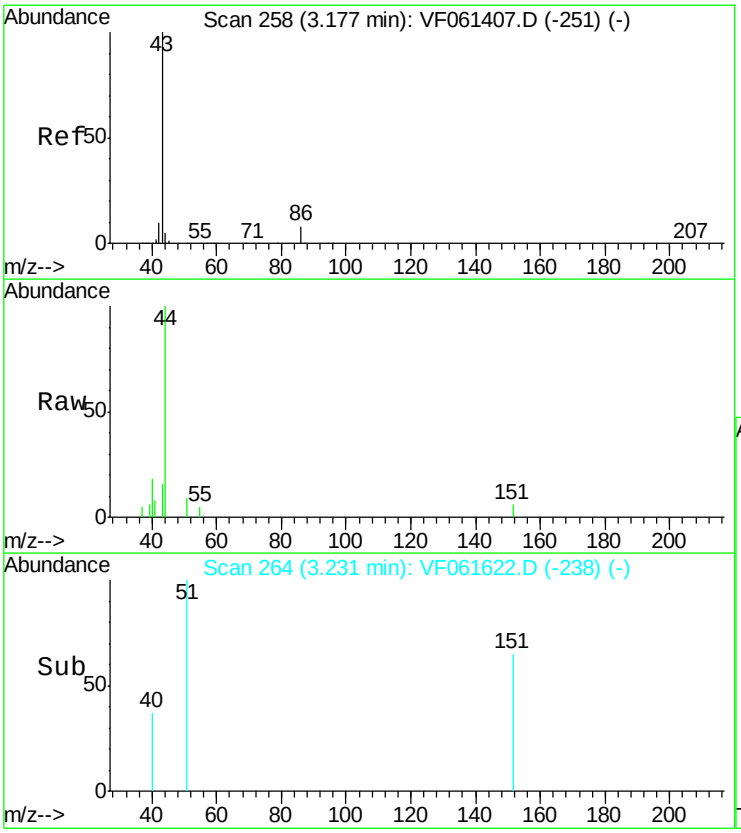
#20
Methylene Chloride
Concen: 2.690 ug/l
RT: 2.19 min Scan# 158
Delta R.T. 0.02 min
Lab File: VF061622.D
Acq: 12 Feb 2019 21:30

Instrument : MSVOA_F
ClientSampleId : JC-02-021119-P

Tgt Ion: 84 Resp: 6792

Ion	Ratio	Lower	Upper
84	100		
49	159.7	120.0	180.0
51	44.3	38.6	58.0
86	72.4	61.0	91.6

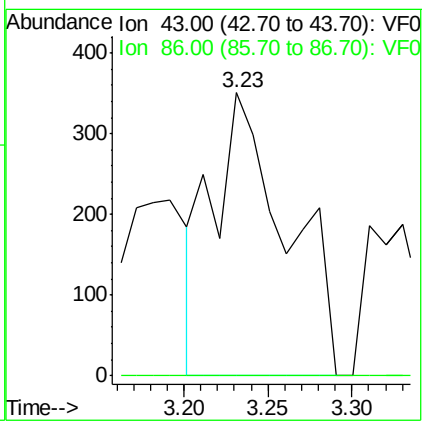


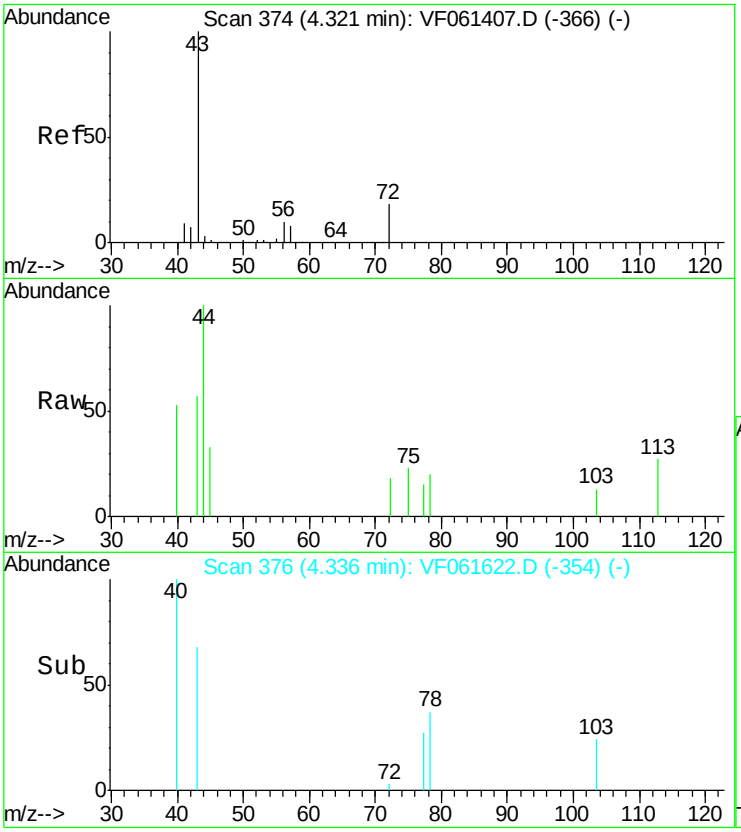


#23
Vinyl Acetate
Concen: 3.603 ug/l
RT: 3.23 min Scan# 264
Delta R.T. 0.06 min
Lab File: VF061622.D
Acq: 12 Feb 2019 21:30

Tgt Ion: 43 Resp: 1072

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#



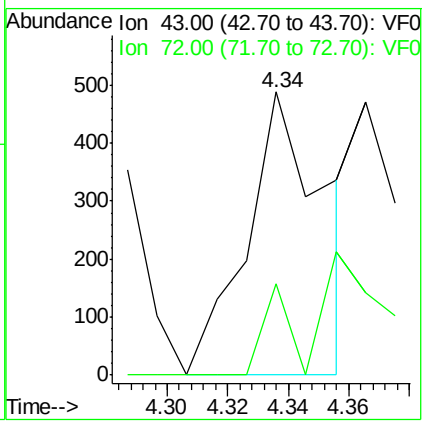


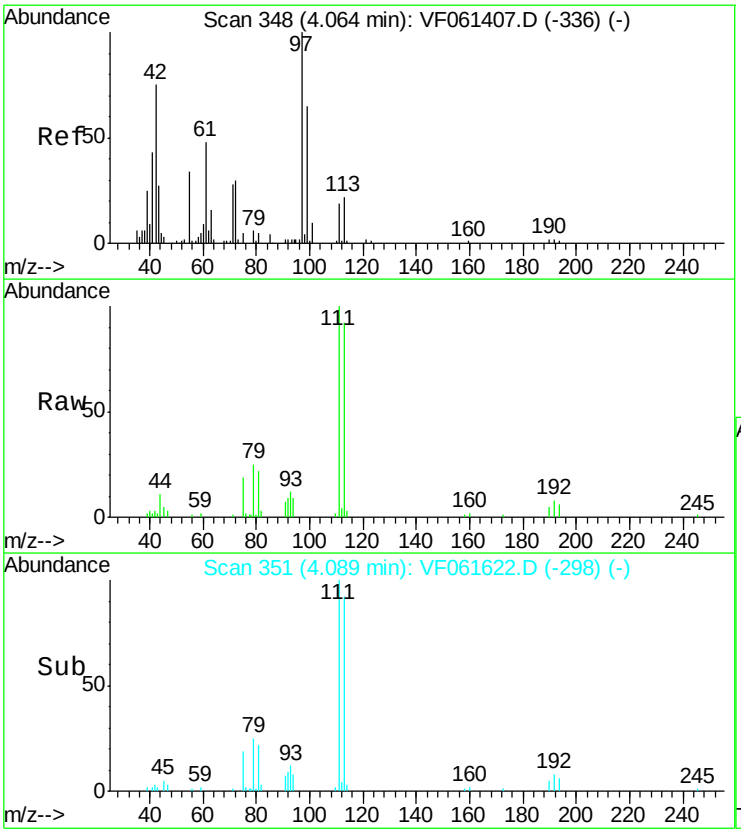
#25
2-Butanone
Concen: 1.132 ug/l
RT: 4.34 min Scan# 376
Delta R.T. 0.02 min
Lab File: VF061622.D
Acq: 12 Feb 2019 21:30

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-P

Tgt Ion: 43 Resp: 865

Ion	Ratio	Lower	Upper
43	100		
72	32.2	15.8	23.6#

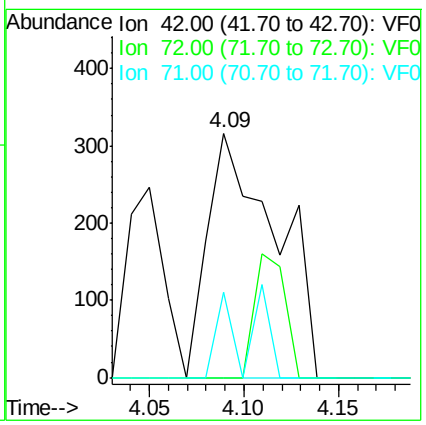


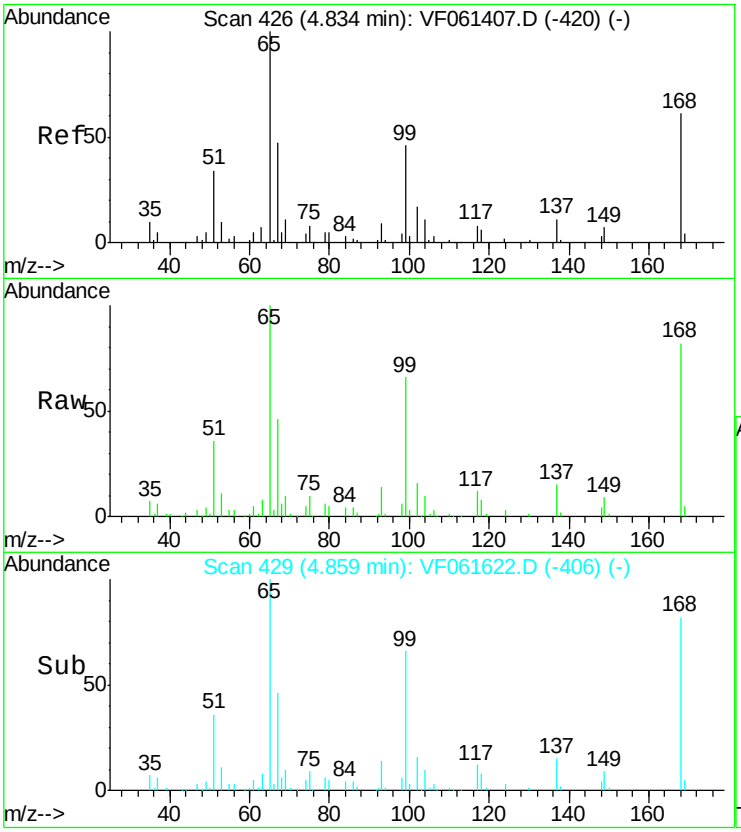


#29
Tetrahydrofuran
Concen: 2.403 ug/l
RT: 4.09 min Scan# 351
Delta R.T. 0.02 min
Lab File: VF061622.D
Acq: 12 Feb 2019 21:30

Tgt Ion: 42 Resp: 791

Ion	Ratio	Lower	Upper
42	100		
72	22.8	28.9	43.3#
71	17.3	29.6	44.4#



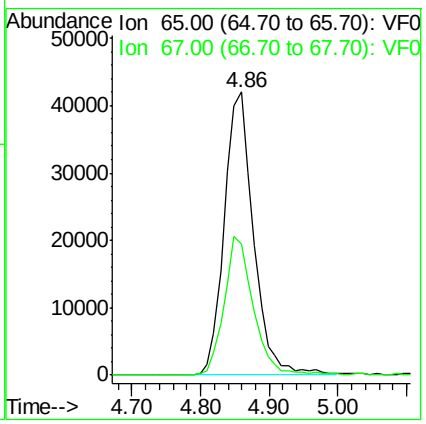


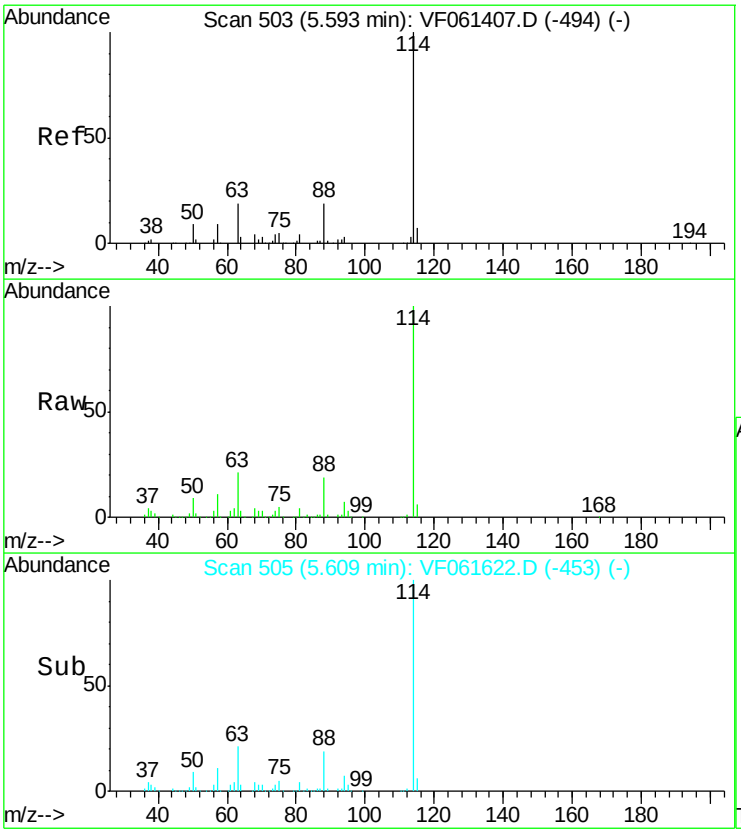
#33
1,2-Dichloroethane-d4
Concen: 54.031 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.02 min
Lab File: VF061622.D
Acq: 12 Feb 2019 21:30

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-P

Tgt Ion: 65 Resp: 123794

Ion	Ratio	Lower	Upper
65	100		
67	46.3	0.0	99.8

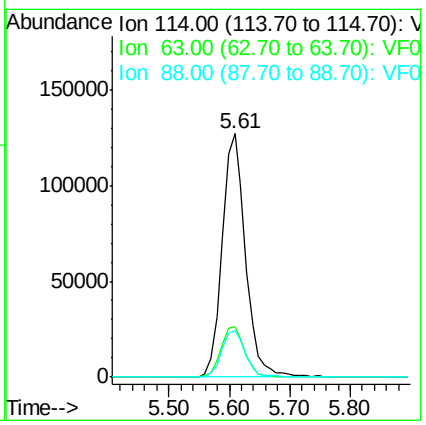


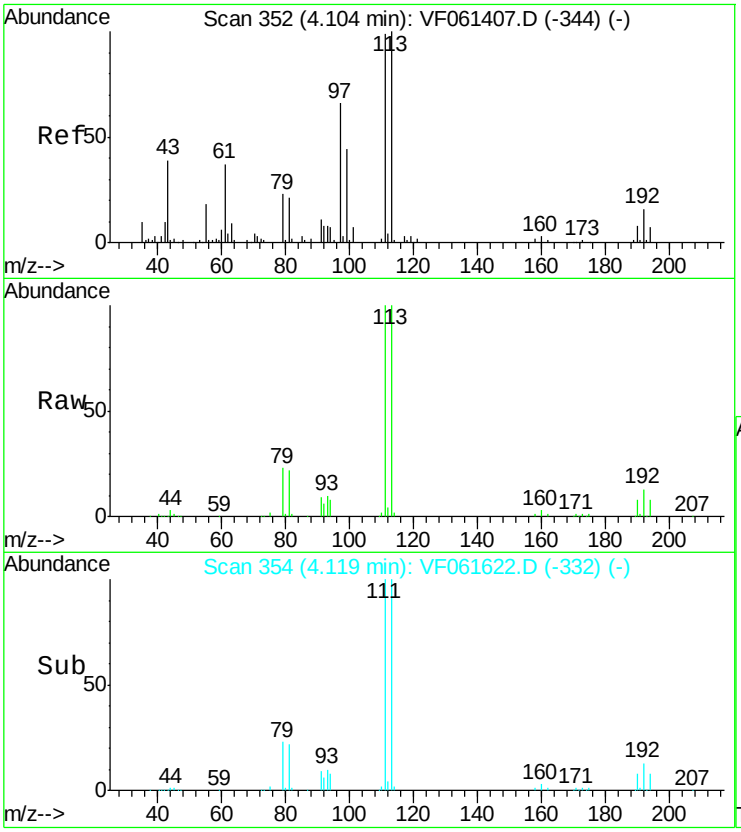


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.02 min
Lab File: VF061622.D
Acq: 12 Feb 2019 21:30

Tgt Ion:114 Resp: 339916

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.0
88	19.2	0.0	37.4



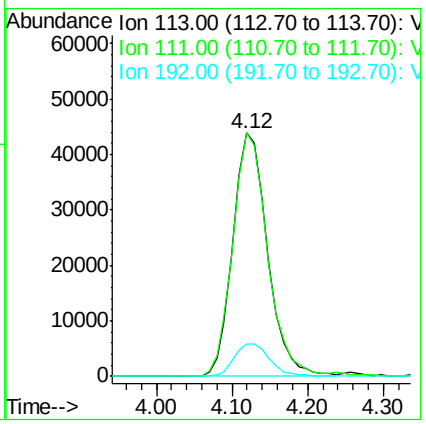


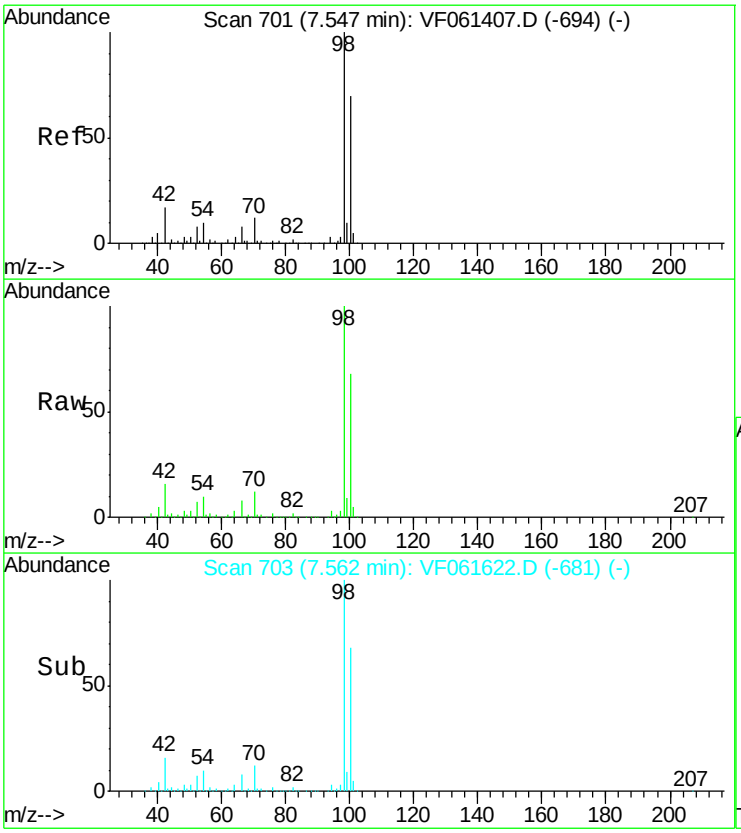
#35
Dibromofluoromethane
Concen: 52.207 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.02 min
Lab File: VF061622.D
Acq: 12 Feb 2019 21:30

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-P

Tgt Ion:113 Resp: 140031

Ion	Ratio	Lower	Upper
113	100		
111	100.0	79.4	119.0
192	13.2	12.4	18.6

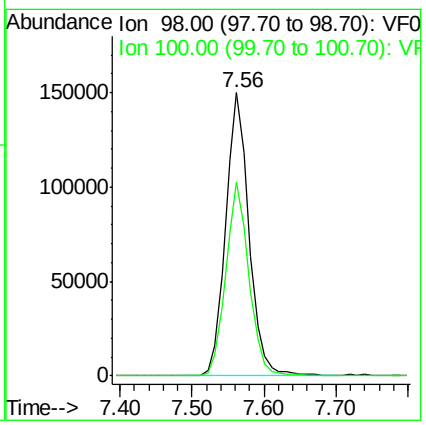


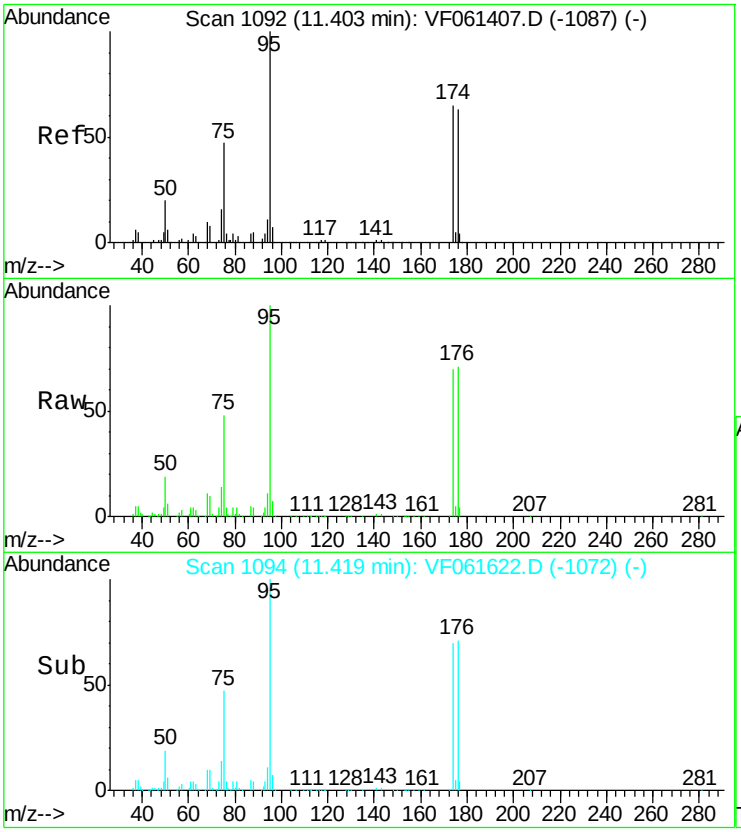


#50
Toluene-d8
Concen: 45.956 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.02 min
Lab File: VF061622.D
Acq: 12 Feb 2019 21:30

Tgt Ion: 98 Resp: 337723

Ion	Ratio	Lower	Upper
98	100		
100	68.3	55.6	83.4



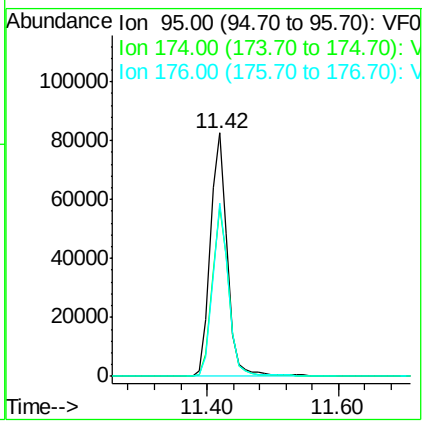


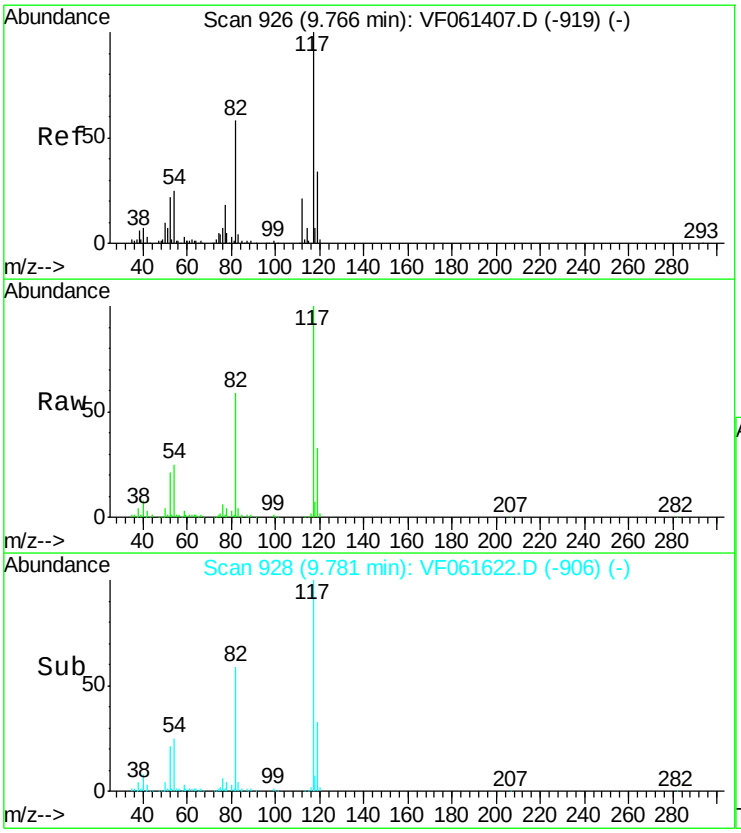
#62
4-Bromofluorobenzene
Concen: 42.040 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.02 min
Lab File: VF061622.D
Acq: 12 Feb 2019 21:30

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-P

Tgt Ion: 95 Resp: 144348

Ion	Ratio	Lower	Upper
95	100		
174	69.8	0.0	130.4
176	71.2	0.0	126.2

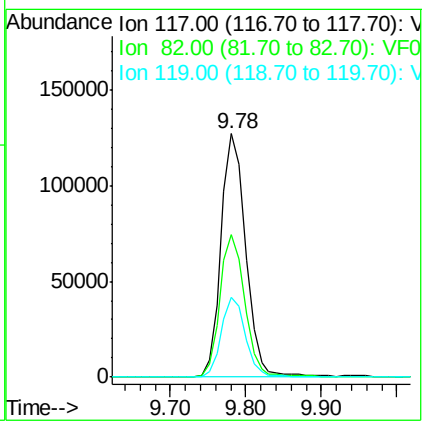


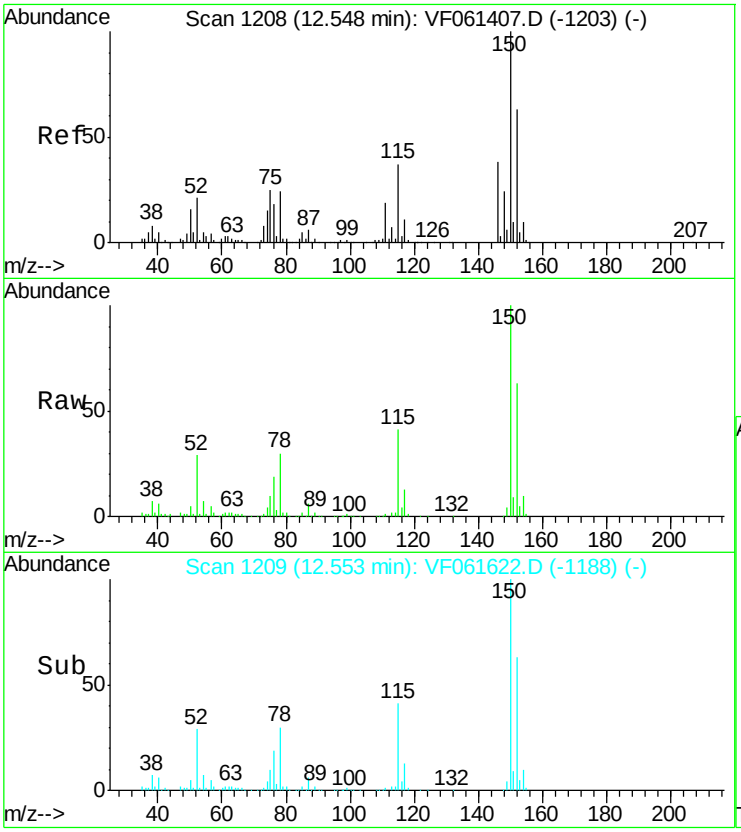


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.02 min
Lab File: VF061622.D
Acq: 12 Feb 2019 21:30

Tgt Ion:117 Resp: 290588

Ion	Ratio	Lower	Upper
117	100		
82	58.7	46.4	69.6
119	32.7	27.2	40.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF061622.D
Acq: 12 Feb 2019 21:30

Instrument :
MSVOA_F
ClientSampleId :
JC-02-021119-P

Tgt Ion:152 Resp: 144840

Ion	Ratio	Lower	Upper
152	100		
115	65.3	30.0	90.0
150	158.0	0.0	321.4