Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF041619\
Data File : VF062184.D
Acq On : 16 Apr 2019 19:10
Operator : FY/SY
Sample : K2405-01
Misc : 6.02g/5mL/MSVOA_F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : B-1D(0-24)

Quant Time: Apr 17 08:08:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 07:56:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	450230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	695070	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	569380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	331384	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	188125	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.80%			
35) Dibromofluoromethane	4.31	113	270974	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.84%			
50) Toluene-d8	7.71	98	603438	37.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.32%			
62) 4-Bromofluorobenzene	11.49	95	282291	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.22%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.68	59	851	3.787	ug/l #	1
13) Acrolein	2.10	56	710	4.011	ug/l #	1
16) Acetone	2.34	43	29554	32.331	ug/l	97
18) Methyl Acetate	2.50	43	7988	Below Cal #		70
20) Methylene Chloride	2.33	84	31743	1.852	ug/l	97
25) 2-Butanone	4.52	43	2284	1.163	ug/l #	74
29) Tetrahydrofuran	4.29	42	1040	1.191	ug/l #	38
49) 1,4-Dioxane	6.94	88	60	2.860	ug/l #	1
51) 4-Methyl-2-Pentanone	8.41	43	3538	1.117	ug/l #	86
52) Toluene	7.78	92	73562	6.138	ug/l	87
59) 2-Hexanone	9.62	43	3562	1.769	ug/l	64
74) N-amyl acetate	11.45	43	8377	Below Cal #		81
89) n-Butylbenzene	12.90	91	3151	Below Cal		74

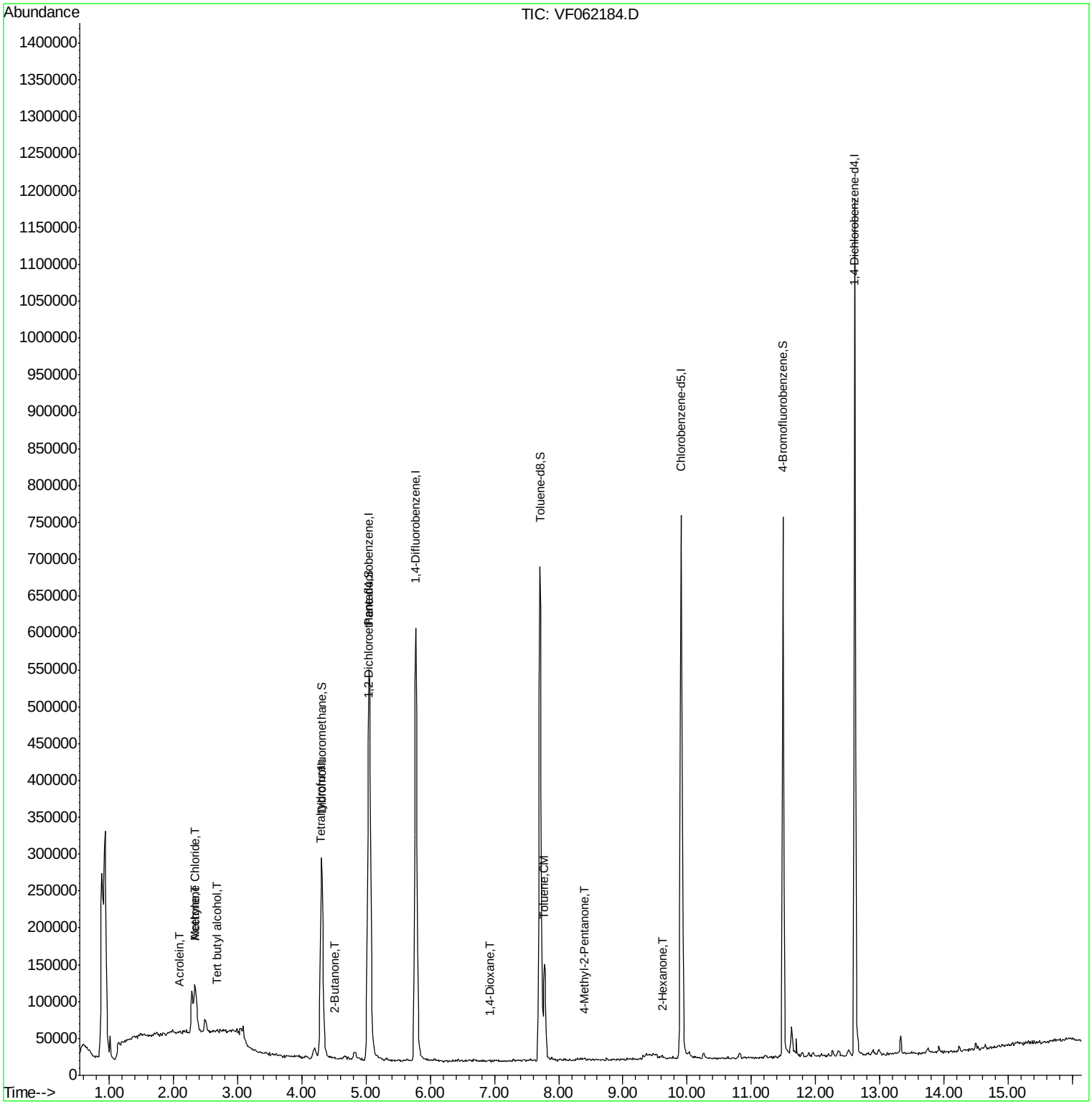
(#) = qualifier out of range (m) = manual integration (+) = signals summed

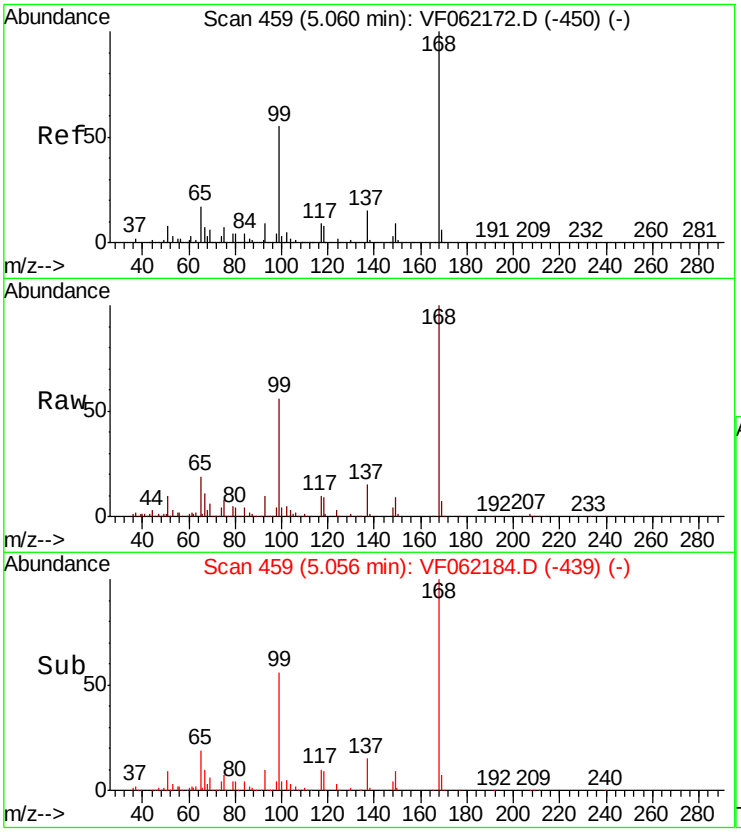
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041619\
Data File : VF062184.D
Acq On : 16 Apr 2019 19:10
Operator : FY/SY
Sample : K2405-01
Misc : 6.02g/5mL/MSVOA F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
B-1D(0-24)

Quant Time: Apr 17 08:08:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 07:56:48 2019
Response via : Initial Calibration



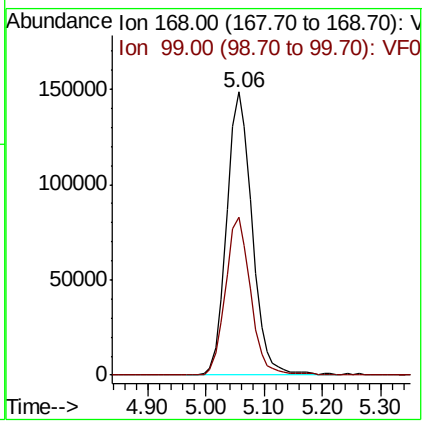


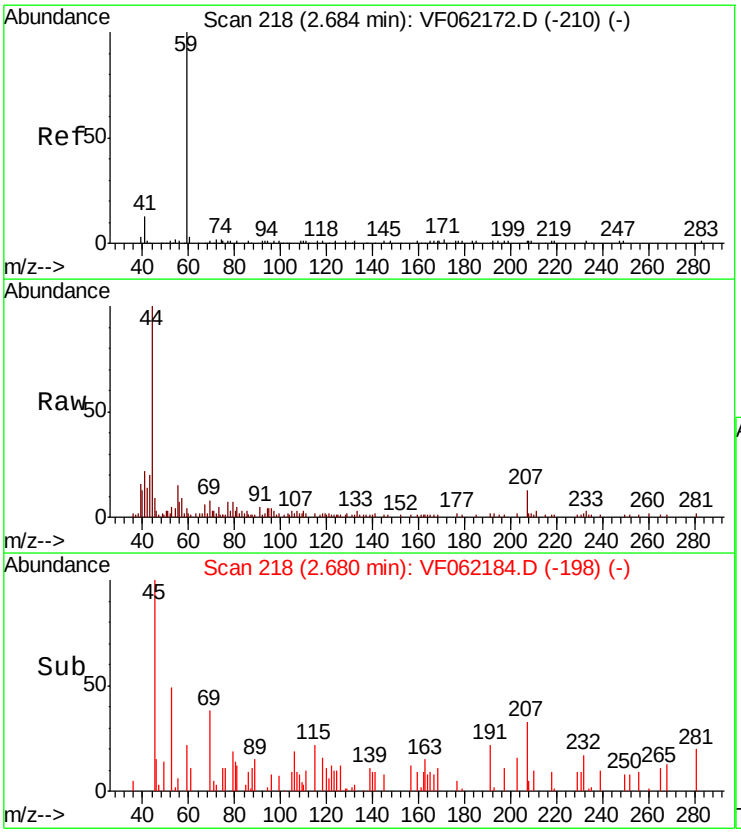
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 459
Delta R.T. -0.00 min
Lab File: VF062184.D
Acq: 16 Apr 2019 19:10

Instrument :
MSVOA_F
ClientSampleId :
B-1D(0-24)

Tgt Ion:168 Resp: 450230

Ion	Ratio	Lower	Upper
168	100		
99	55.7	44.2	66.4

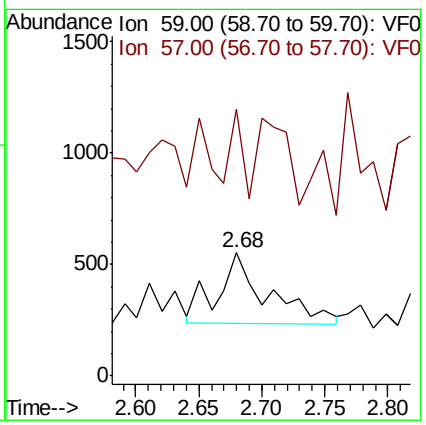


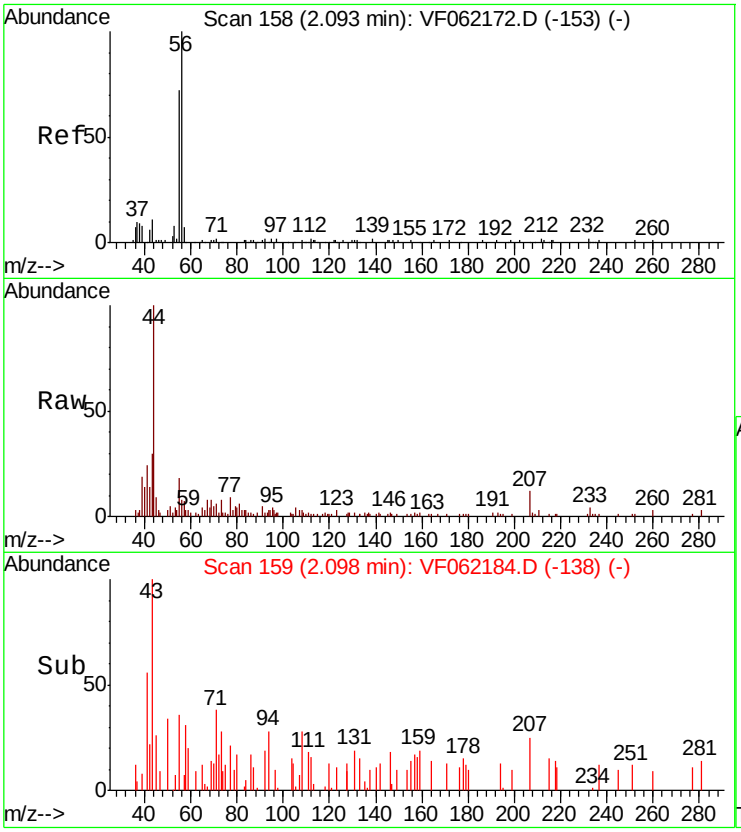


#11
Tert butyl alcohol
Concen: 3.787 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.00 min
Lab File: VF062184.D
Acq: 16 Apr 2019 19:10

Tgt Ion: 59 Resp: 851

Ion	Ratio	Lower	Upper
59	100		
57	216.8	14.2	21.4#



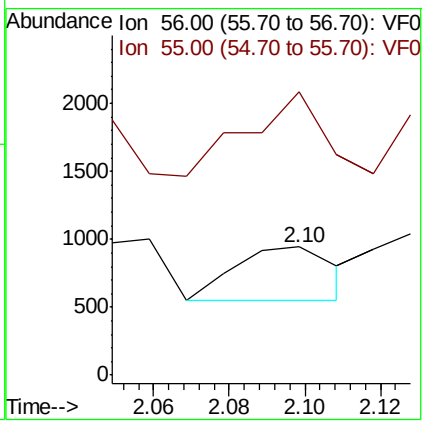


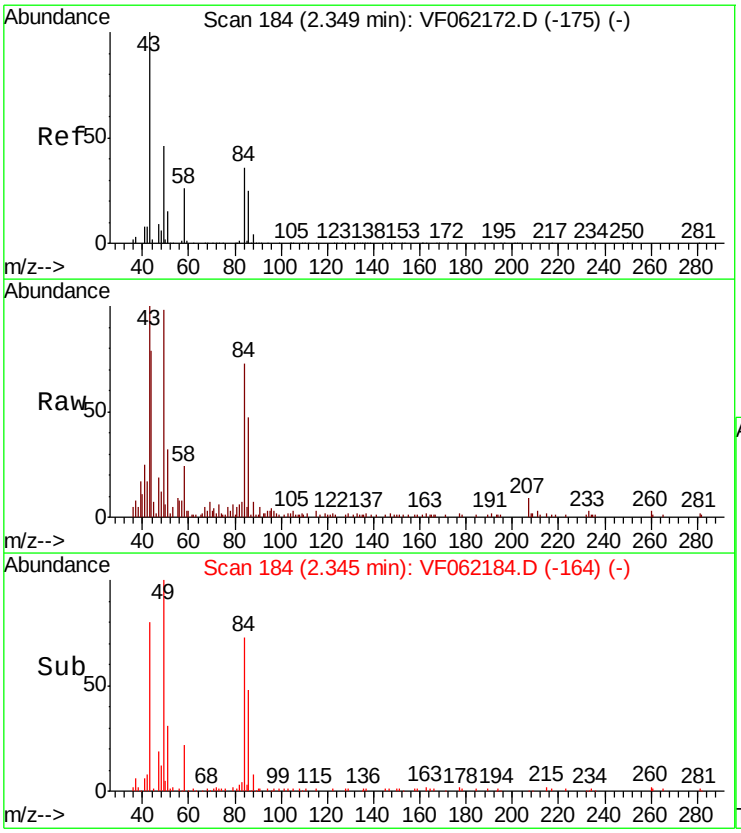
#13
Acrolein
Concen: 4.011 ug/l
RT: 2.10 min Scan# 159
Delta R.T. 0.01 min
Lab File: VF062184.D
Acq: 16 Apr 2019 19:10

Instrument :
MSVOA_F
ClientSampleId :
B-1D(0-24)

Tgt Ion: 56 Resp: 710

Ion	Ratio	Lower	Upper
56	100		
55	220.7	62.9	94.3#

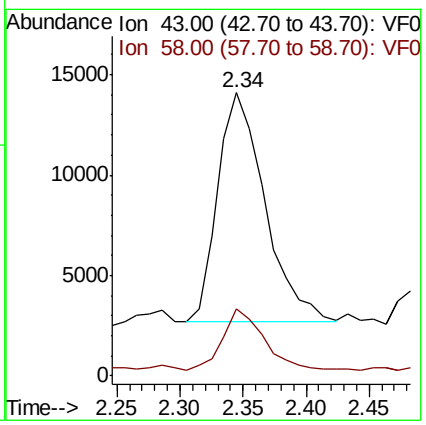


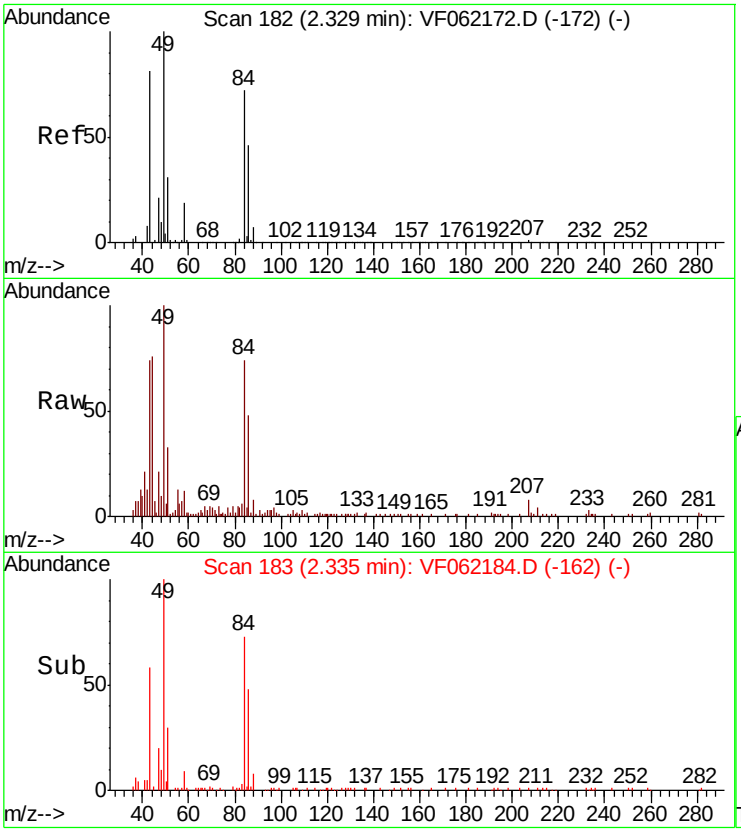


#16
Acetone
Concen: 32.331 ug/l
RT: 2.34 min Scan# 184
Delta R.T. -0.00 min
Lab File: VF062184.D
Acq: 16 Apr 2019 19:10

Tgt Ion: 43 Resp: 29554

Ion	Ratio	Lower	Upper
43	100		
58	23.6	20.2	30.2



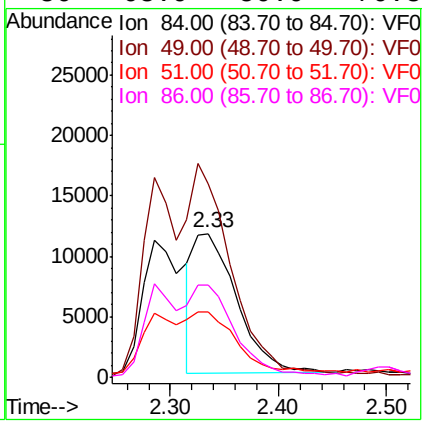


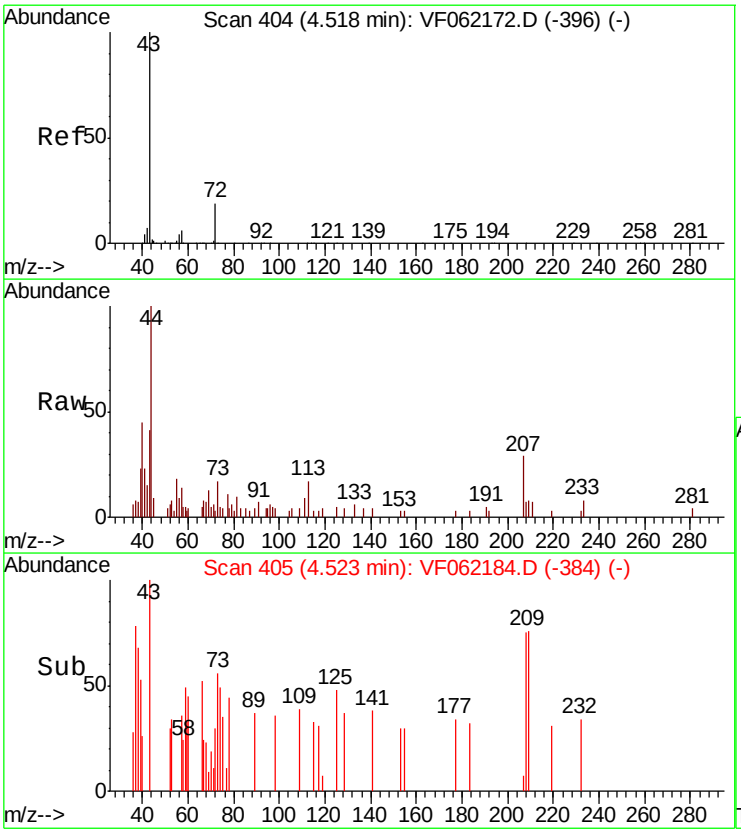
#20
Methylene Chloride
Concen: 1.852 ug/l
RT: 2.33 min Scan# 183
Delta R.T. 0.01 min
Lab File: VF062184.D
Acq: 16 Apr 2019 19:10

Instrument : MSVOA_F
ClientSampleId : B-1D(0-24)

Tgt Ion: 84 Resp: 31743

Ion	Ratio	Lower	Upper
84	100		
49	134.4	111.5	167.3
51	44.9	34.9	52.3
86	63.9	50.9	76.3

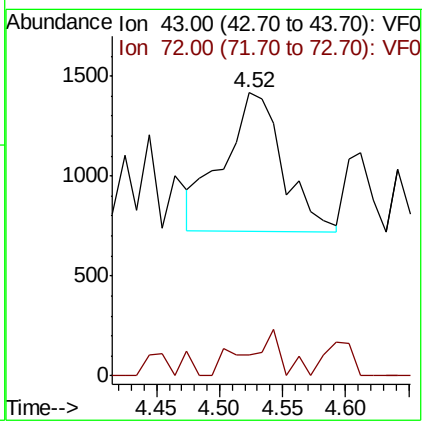


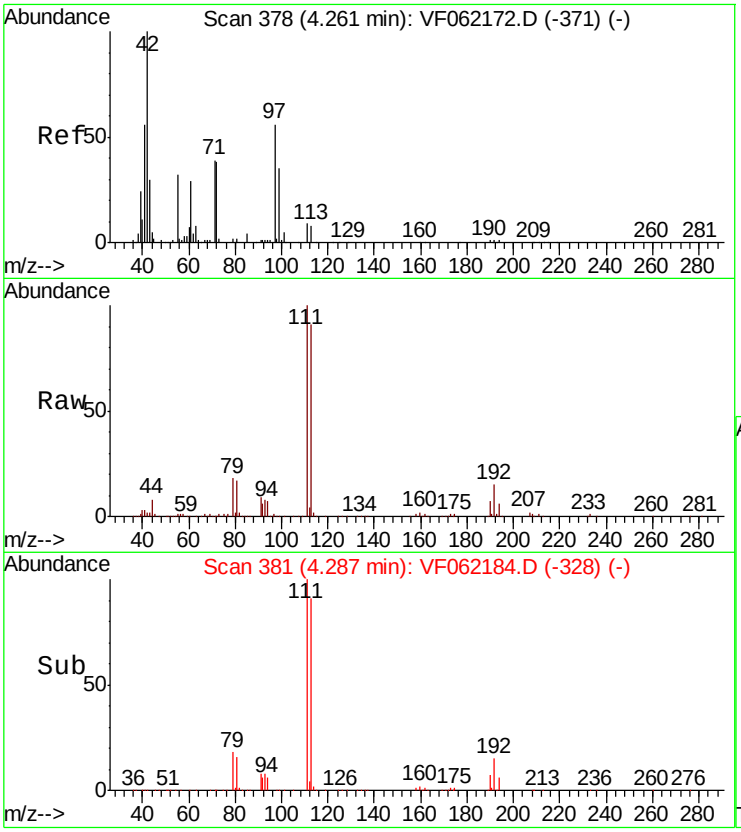


#25
2-Butanone
Concen: 1.163 ug/l
RT: 4.52 min Scan# 405
Delta R.T. 0.01 min
Lab File: VF062184.D
Acq: 16 Apr 2019 19:10

Tgt Ion: 43 Resp: 2284

Ion	Ratio	Lower	Upper
43	100		
72	7.3	15.4	23.2#



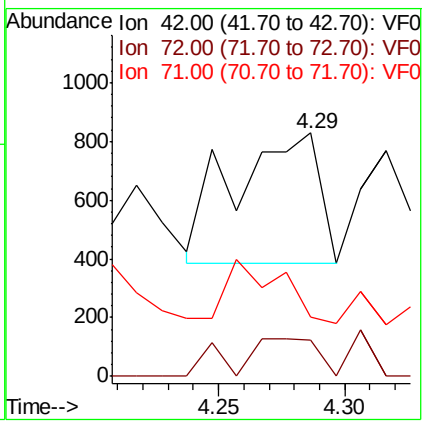


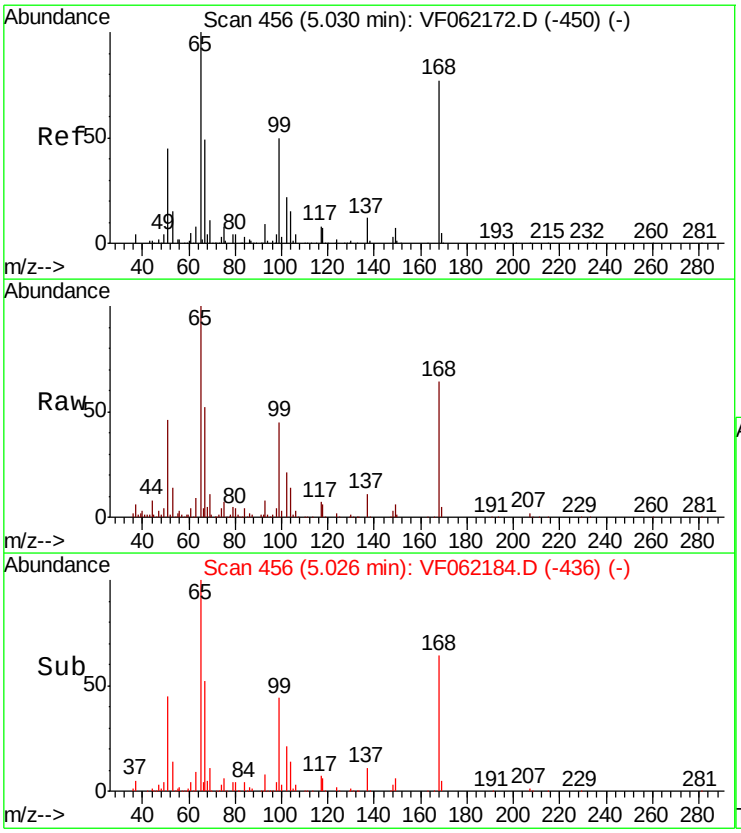
#29
Tetrahydrofuran
Concen: 1.191 ug/l
RT: 4.29 min Scan# 381
Delta R.T. 0.03 min
Lab File: VF062184.D
Acq: 16 Apr 2019 19:10

Instrument :
MSVOA_F
ClientSampleId :
B-1D(0-24)

Tgt Ion: 42 Resp: 1040

Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.7	43.1#
71	0.0	30.8	46.2#

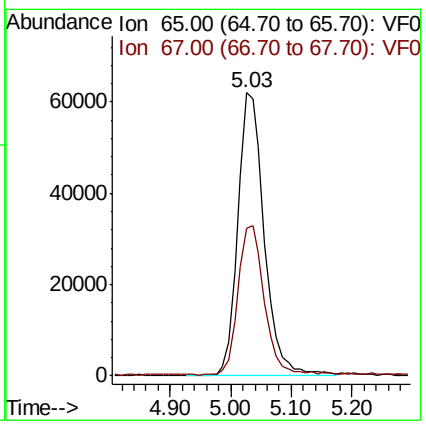


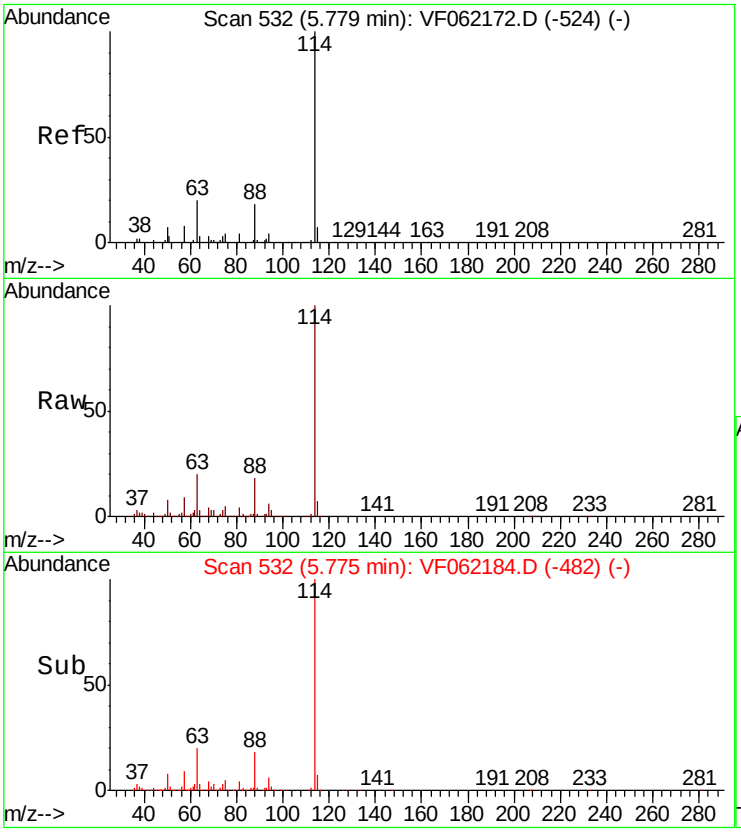


#33
1,2-Dichloroethane-d4
Concen: 46.402 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.00 min
Lab File: VF062184.D
Acq: 16 Apr 2019 19:10

Tgt Ion: 65 Resp: 188125

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	107.8



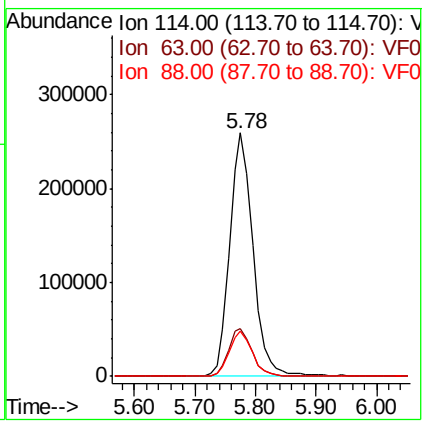


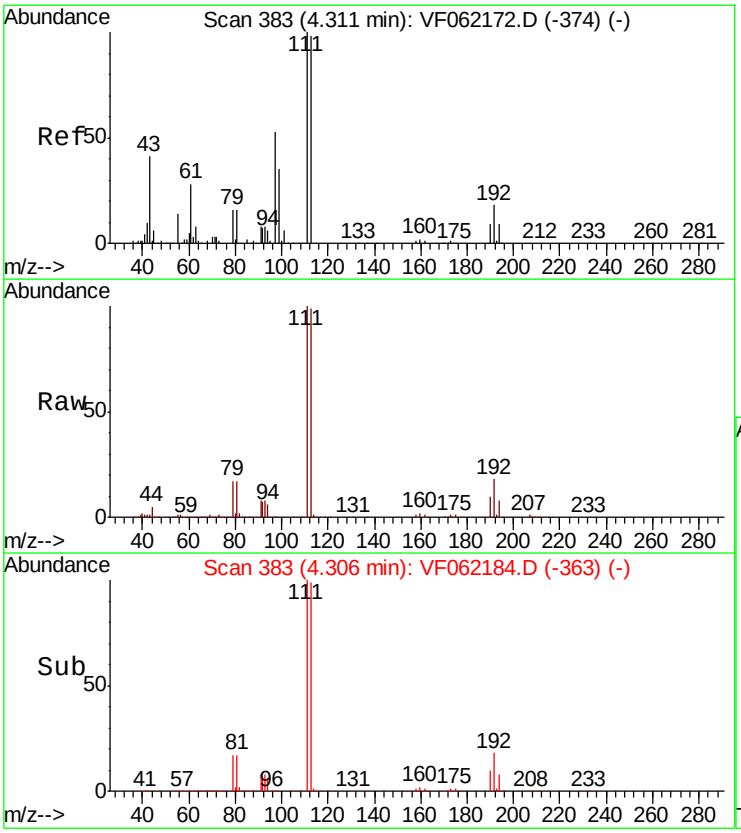
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. -0.00 min
Lab File: VF062184.D
Acq: 16 Apr 2019 19:10

Instrument :
MSVOA_F
ClientSampleId :
B-1D(0-24)

Tgt Ion:114 Resp: 695070

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.0
88	18.3	0.0	36.6

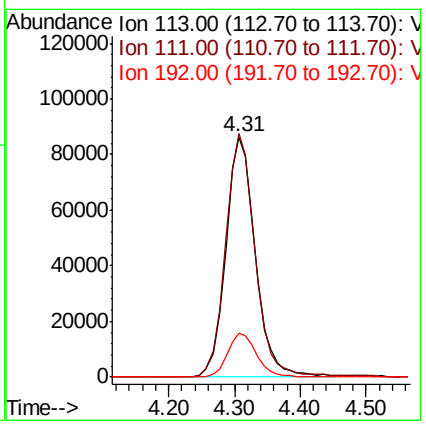


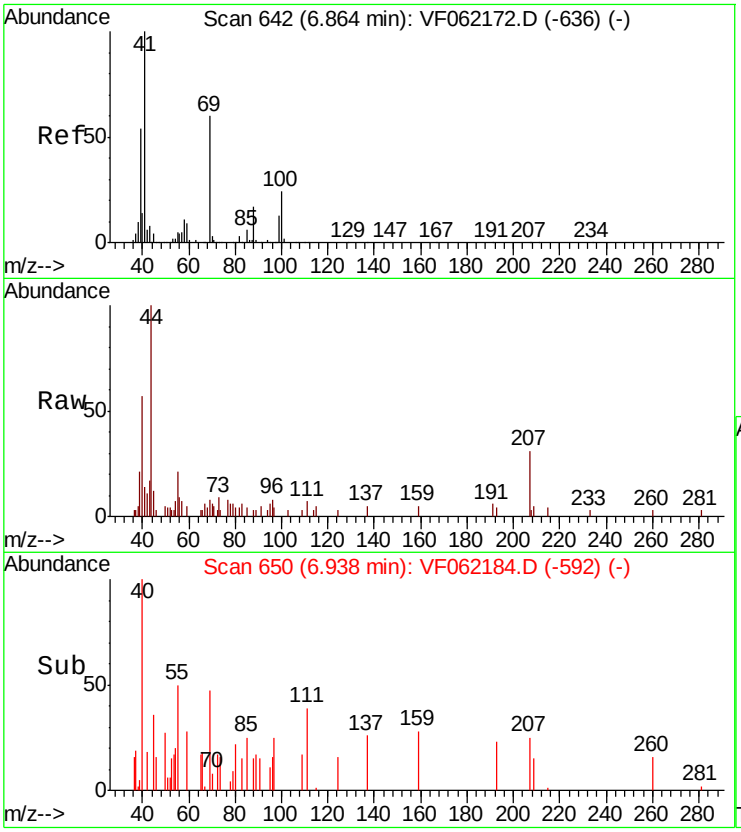


#35
Dibromofluoromethane
Concen: 49.422 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.00 min
Lab File: VF062184.D
Acq: 16 Apr 2019 19:10

Tgt Ion:113 Resp: 270974

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.6	122.4
192	18.3	15.0	22.4



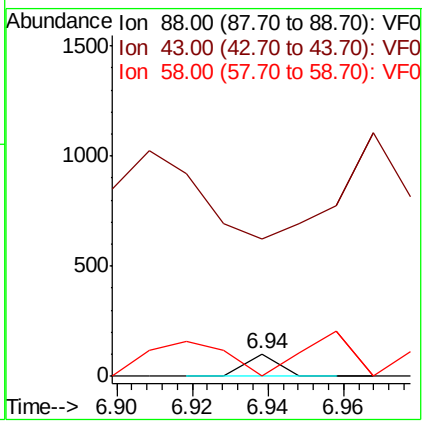


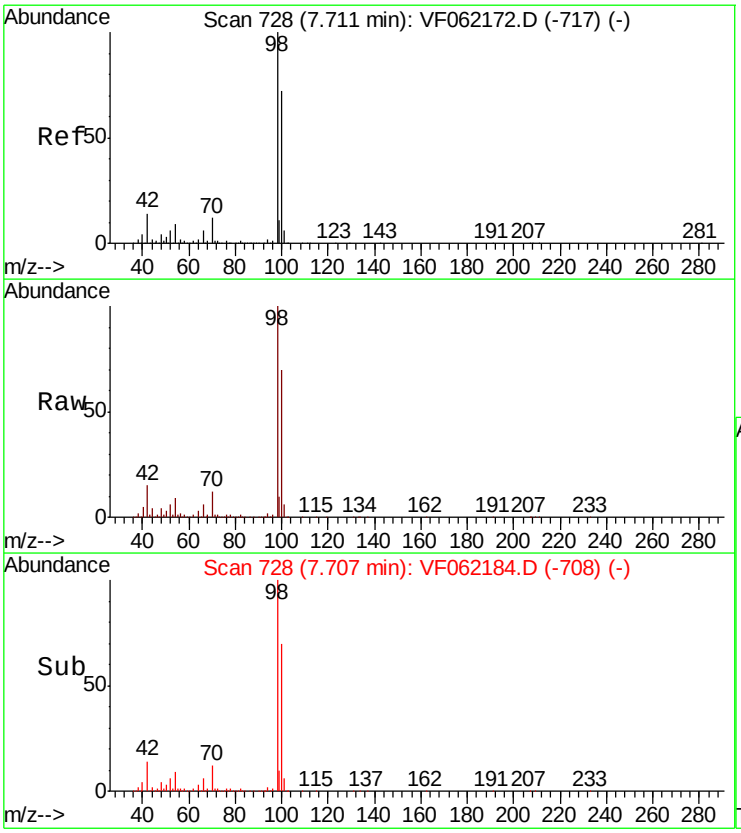
#49
1,4-Dioxane
Concen: 2.860 ug/l
RT: 6.94 min Scan# 650
Delta R.T. 0.07 min
Lab File: VF062184.D
Acq: 16 Apr 2019 19:10

Instrument : MSVOA_F
ClientSampleId : B-1D(0-24)

Tgt Ion: 88 Resp: 60

Ion	Ratio	Lower	Upper
88	100		
43	609.8	49.5	74.3#
58	0.0	52.6	79.0#

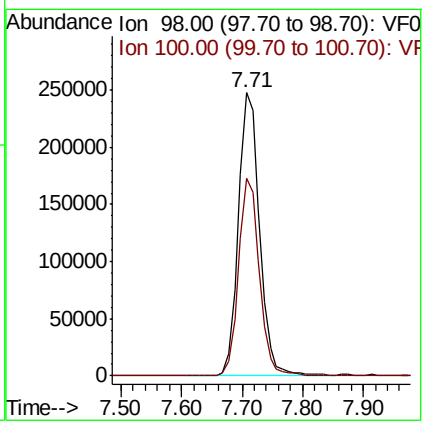


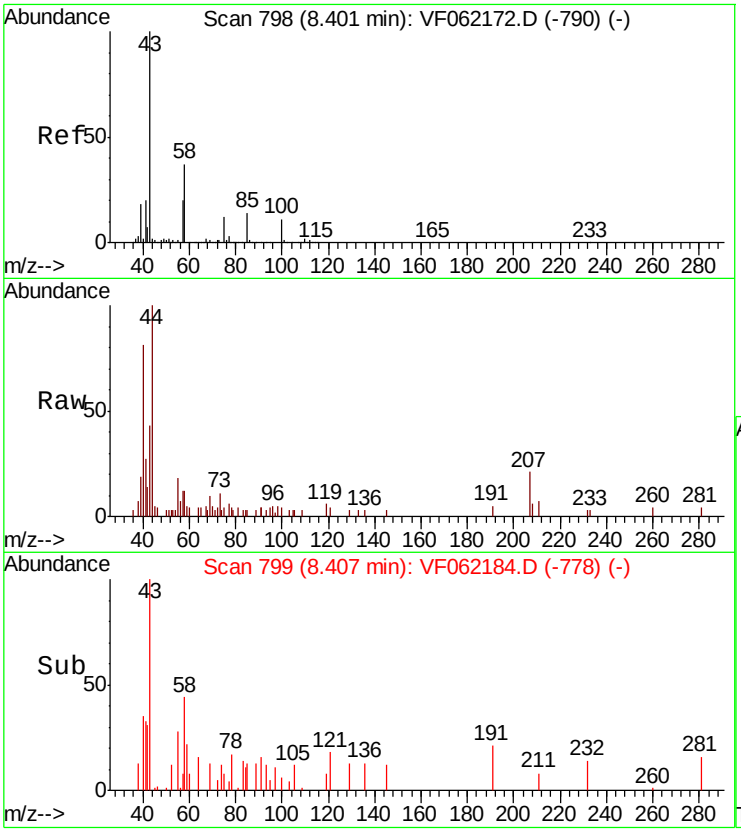


#50
Toluene-d8
Concen: 37.662 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.00 min
Lab File: VF062184.D
Acq: 16 Apr 2019 19:10

Tgt Ion: 98 Resp: 603438

Ion	Ratio	Lower	Upper
98	100		
100	69.6	57.4	86.0



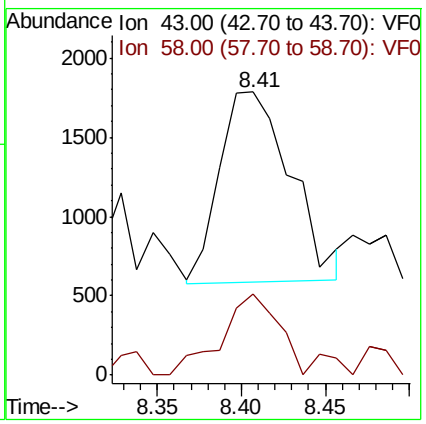


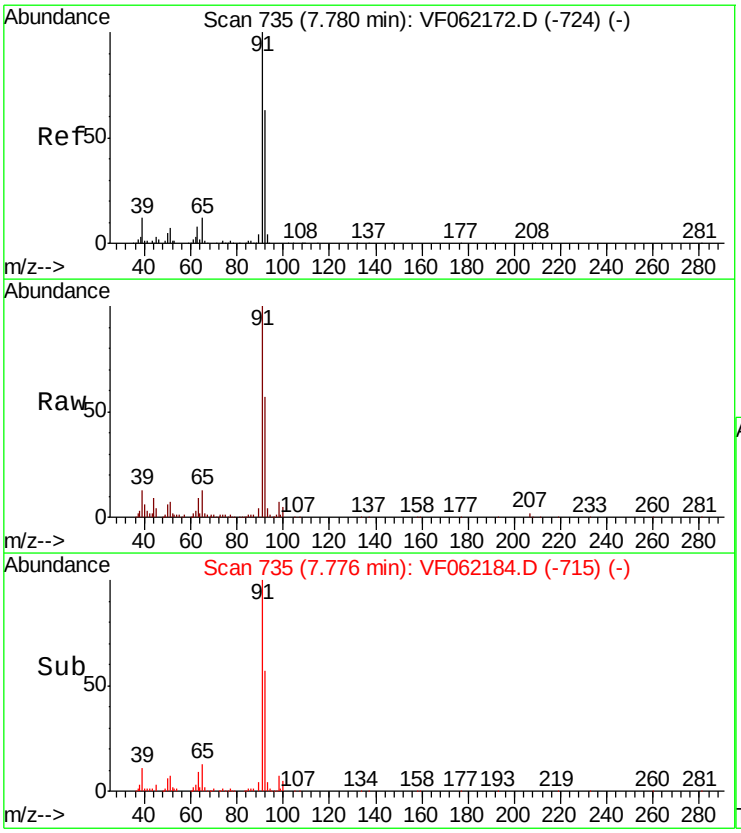
#51
4-Methyl-2-Pentanone
Concen: 1.117 ug/l
RT: 8.41 min Scan# 799
Delta R.T. 0.01 min
Lab File: VF062184.D
Acq: 16 Apr 2019 19:10

Instrument : MSVOA_F
ClientSampleId : B-1D(0-24)

Tgt Ion: 43 Resp: 3538

Ion	Ratio	Lower	Upper
43	100		
58	28.7	29.7	44.5#

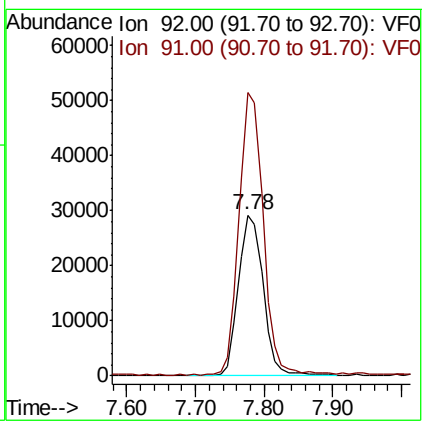


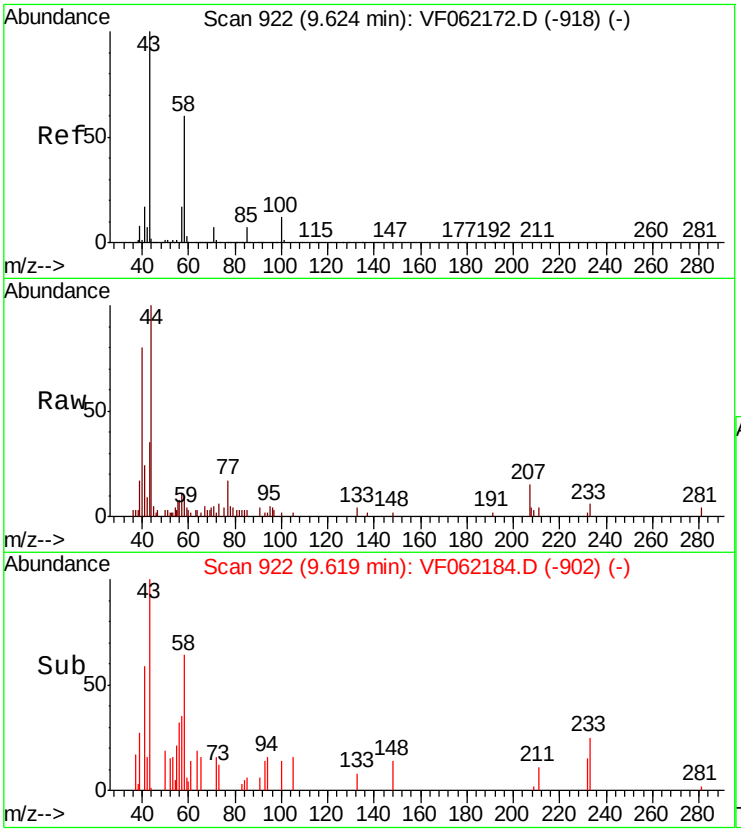


#52
Toluene
Concen: 6.138 ug/l
RT: 7.78 min Scan# 735
Delta R.T. -0.00 min
Lab File: VF062184.D
Acq: 16 Apr 2019 19:10

Tgt Ion: 92 Resp: 73562

Ion	Ratio	Lower	Upper
92	100		
91	175.8	126.9	190.3



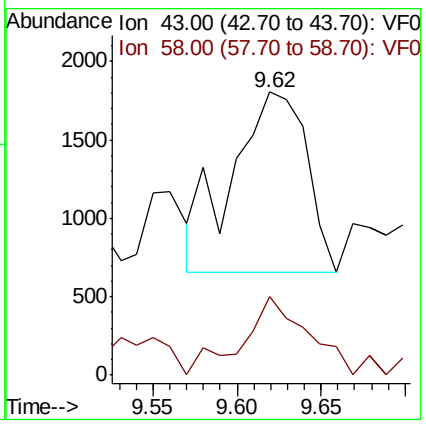


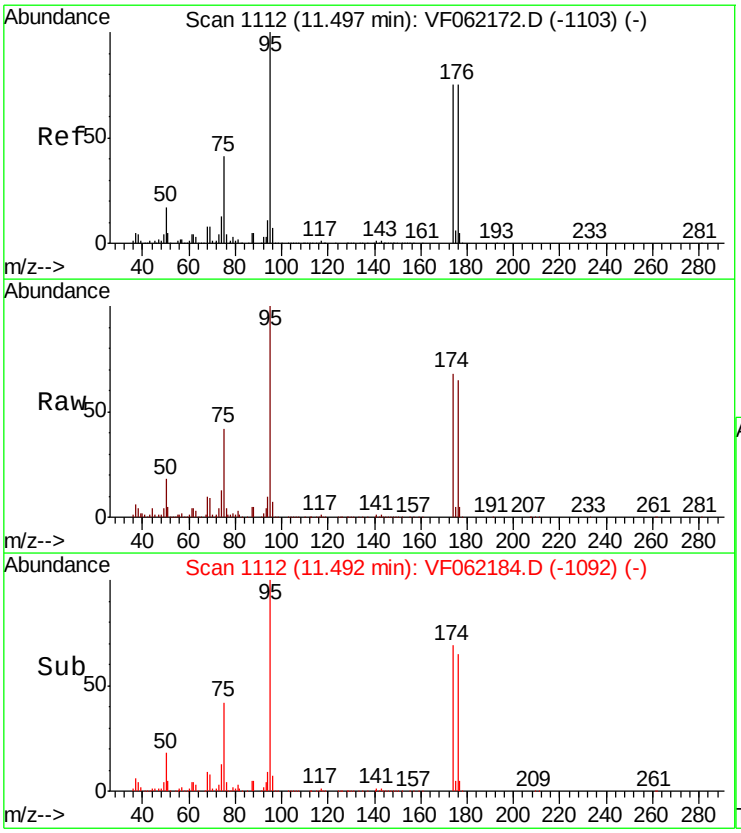
#59
2-Hexanone
Concen: 1.769 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.00 min
Lab File: VF062184.D
Acq: 16 Apr 2019 19:10

Instrument :
MSVOA_F
ClientSampleId :
B-1D(0-24)

Tgt Ion: 43 Resp: 3562

Ion	Ratio	Lower	Upper
43	100		
58	27.6	26.8	80.4

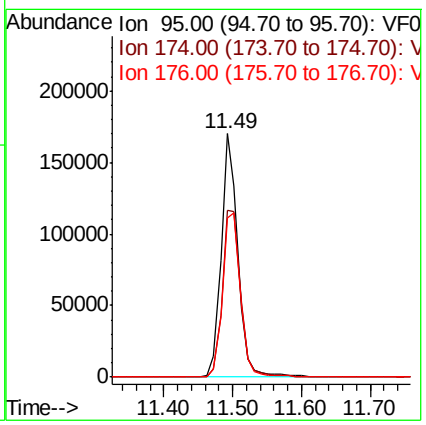


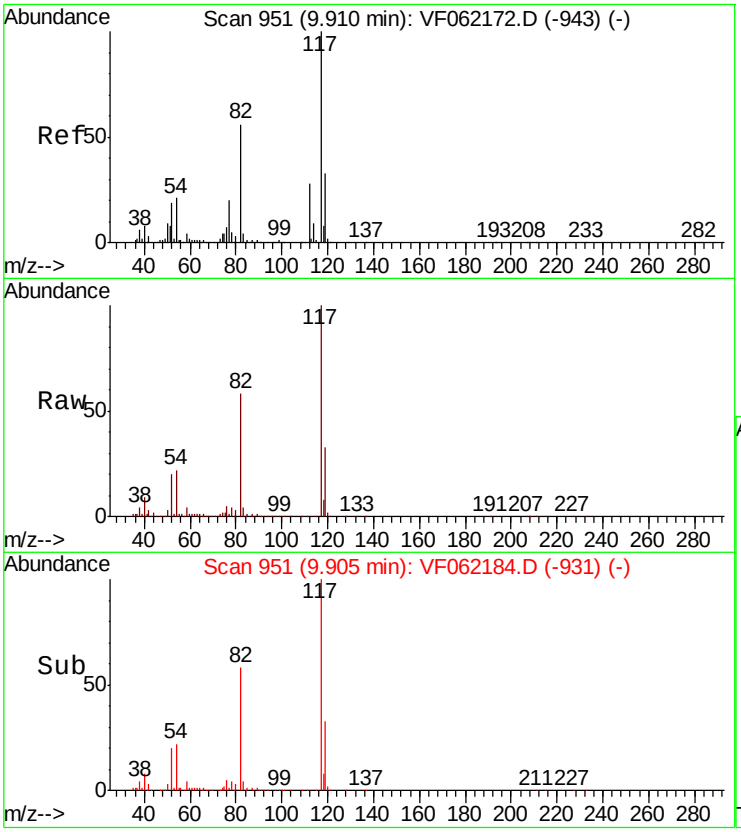


#62
4-Bromofluorobenzene
Concen: 44.615 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VF062184.D
Acq: 16 Apr 2019 19:10

Tgt Ion: 95 Resp: 282291

Ion	Ratio	Lower	Upper
95	100		
174	68.5	0.0	150.2
176	65.4	0.0	149.4



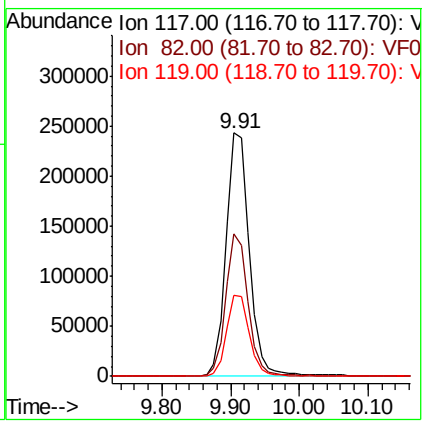


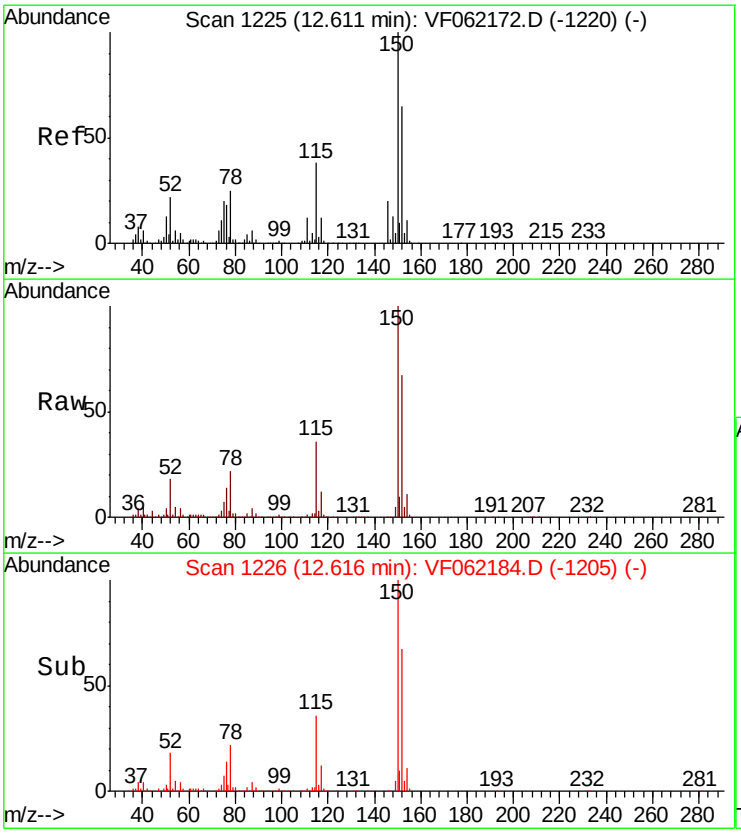
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF062184.D
Acq: 16 Apr 2019 19:10

Instrument : MSVOA_F
ClientSampleId : B-1D(0-24)

Tgt Ion:117 Resp: 569380

Ion	Ratio	Lower	Upper
117	100		
82	58.4	45.2	67.8
119	33.4	26.6	39.8

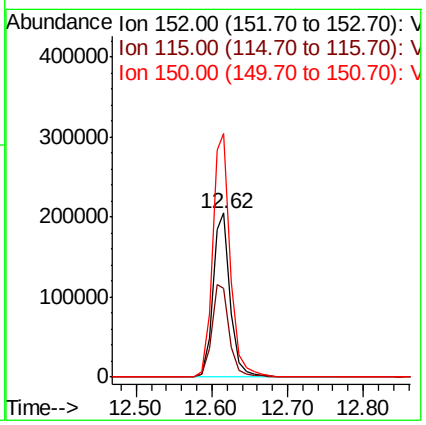


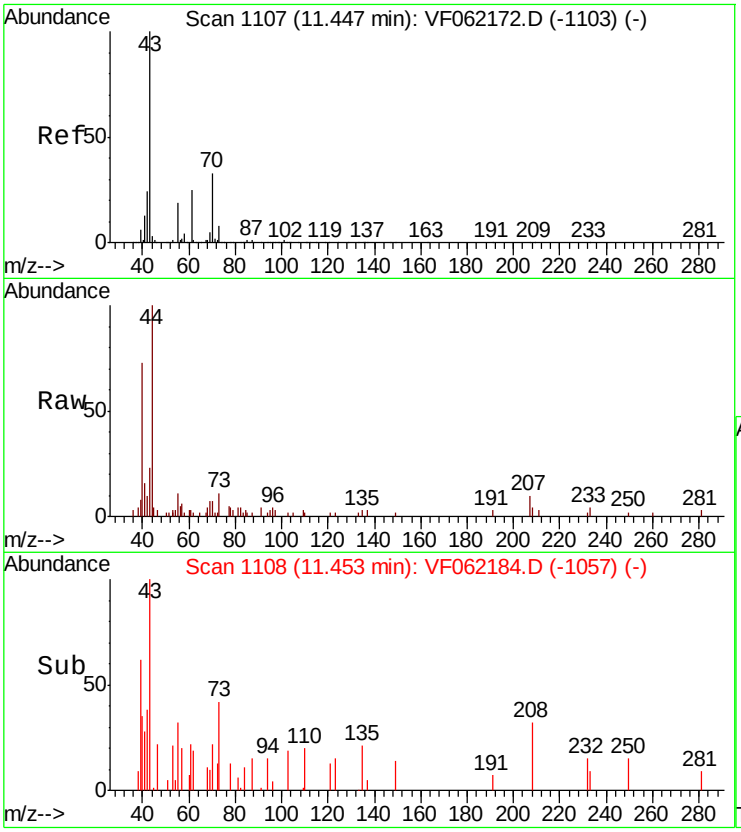


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062184.D
Acq: 16 Apr 2019 19:10

Tgt Ion:152 Resp: 331384

Ion	Ratio	Lower	Upper
152	100		
115	53.8	29.0	87.1
150	148.3	0.0	309.2





#74
N-amyl acetate
Concen: Below Cal
RT: 11.45 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VF062184.D
Acq: 16 Apr 2019 19:10

Instrument :
MSVOA_F
ClientSampleId :
B-1D(0-24)

Tgt Ion: 43 Resp: 8377

Ion	Ratio	Lower	Upper
43	100		
70	30.9	26.6	39.8
55	47.1	15.0	22.6#
61	21.6	20.0	30.0