Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061019\
Data File : VF062906.D
Acq On : 10 Jun 2019 15:02
Operator : FY/SY
Sample : VF0610SBL01
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0610SBL01

Quant Time: Jun 11 01:18:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	846192	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.78	114	1422368	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	1057096	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.61	152	478710	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	323970	55.37	ug/l	-0.02
Spiked Amount 50.000			Recovery = 110.74%			
35) Dibromofluoromethane	4.32	113	593925	55.26	ug/l	-0.02
Spiked Amount 50.000			Recovery = 110.52%			
50) Toluene-d8	7.72	98	1318487	48.51	ug/l	-0.02
Spiked Amount 50.000			Recovery = 97.02%			
62) 4-Bromofluorobenzene	11.49	95	495037	50.63	ug/l	-0.02
Spiked Amount 50.000			Recovery = 101.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.02	85	3750	Below Cal		71
11) Tert butyl alcohol	2.67	59	1174	3.312	ug/l #	1
13) Acrolein	2.05	56	1094	Below Cal		90
15) Acrylonitrile	3.09	53	1888	1.417	ug/l #	61
16) Acetone	2.46	43	2416	1.804	ug/l	96
18) Methyl Acetate	2.46	43	2416	1.032	ug/l #	59
20) Methylene Chloride	2.34	84	5979	Below Cal #		63
29) Tetrahydrofuran	4.28	42	1325	1.111	ug/l #	30
49) 1,4-Dioxane	6.84	88	79	1.759	ug/l #	1
59) 2-Hexanone	9.62	43	9812	2.916	ug/l	67

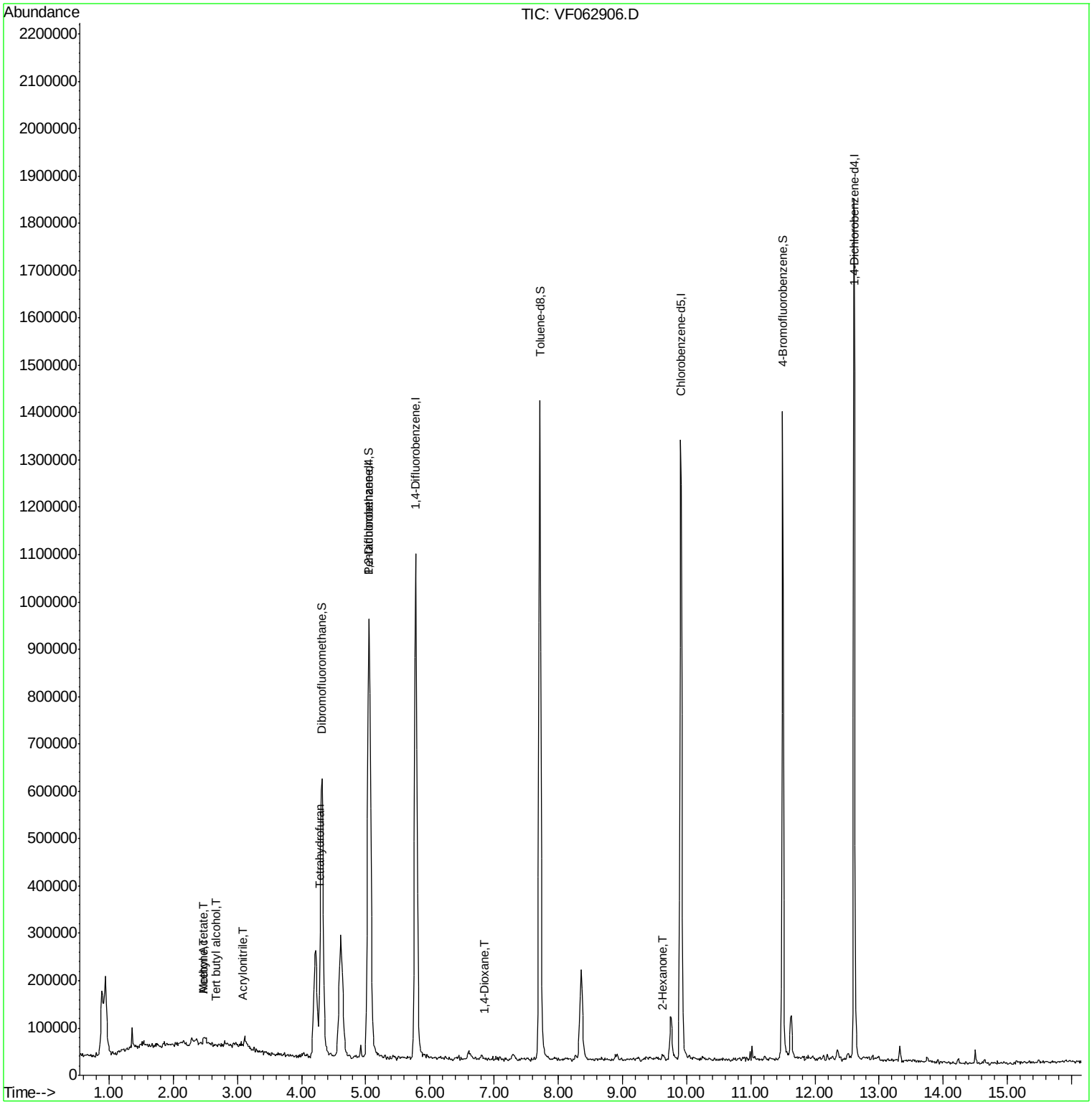
(#) = qualifier out of range (m) = manual integration (+) = signals summed

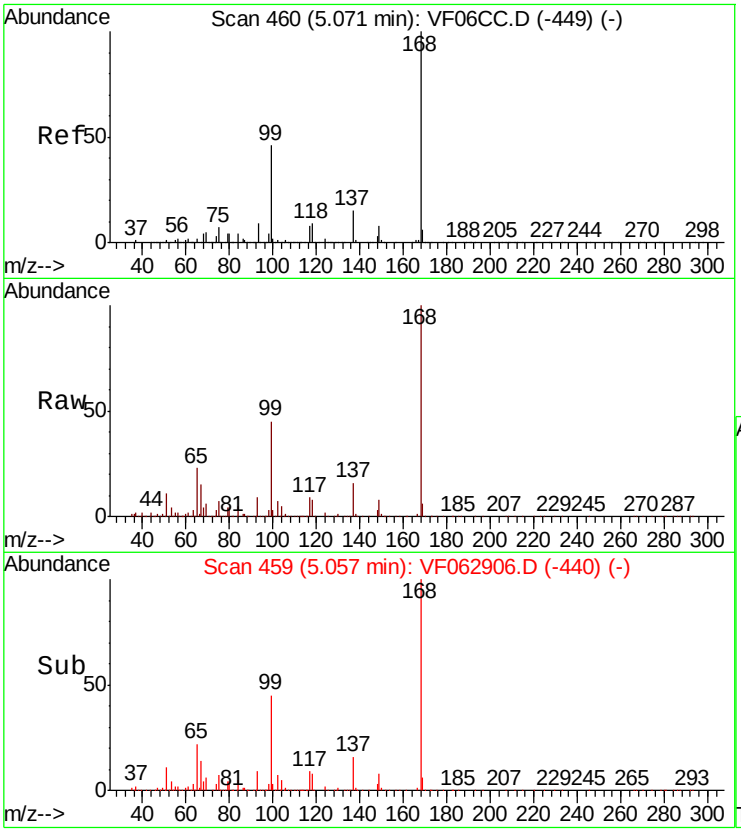
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061019\
Data File : VF062906.D
Acq On : 10 Jun 2019 15:02
Operator : FY/SY
Sample : VF0610SBL01
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0610SBL01

Quant Time: Jun 11 01:18:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration



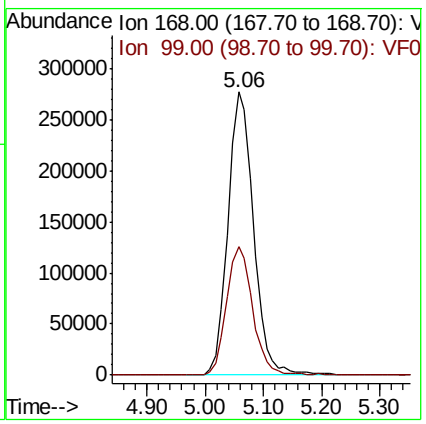


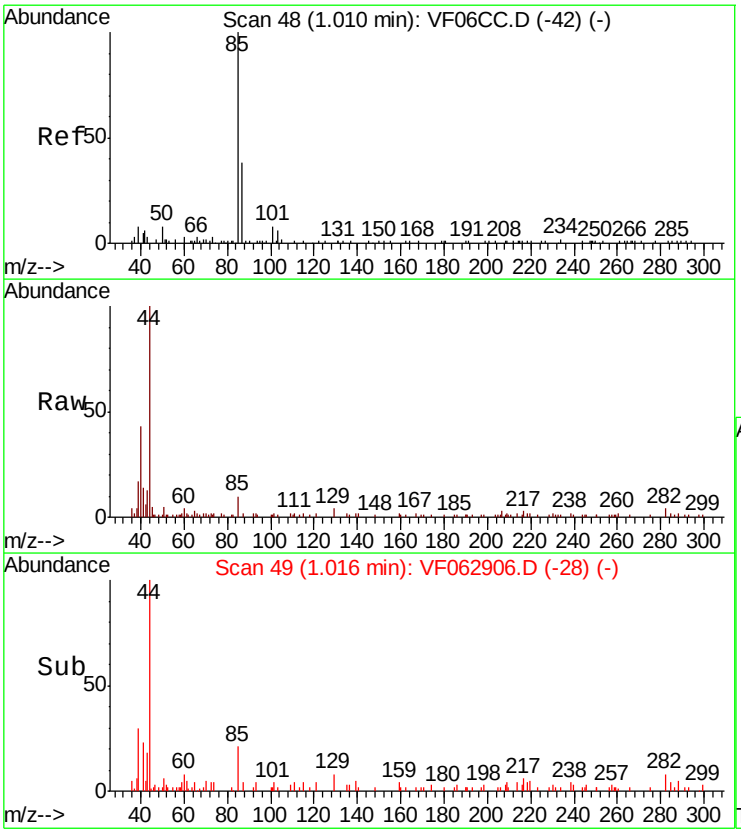
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 459
Delta R.T. -0.02 min
Lab File: VF062906.D
Acq: 10 Jun 2019 15:02

Instrument :
MSVOA_F
ClientSampleId :
VF0610SBL01

Tgt Ion:168 Resp: 846192

Ion	Ratio	Lower	Upper
168	100		
99	45.4	39.1	58.7

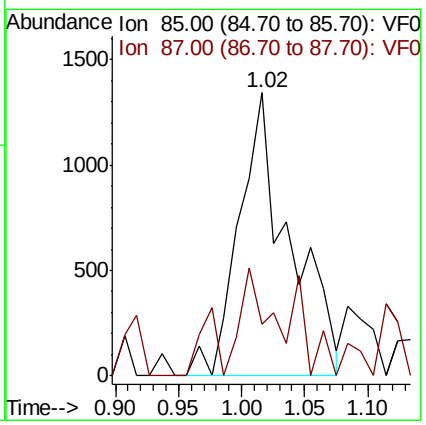


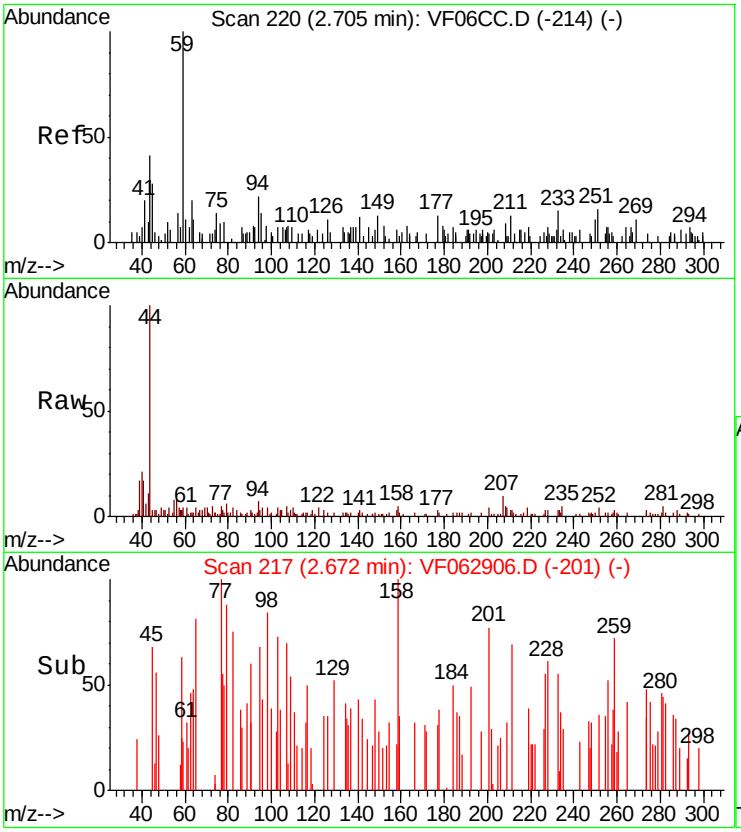


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.02 min Scan# 49
Delta R.T. 0.00 min
Lab File: VF062906.D
Acq: 10 Jun 2019 15:02

Tgt Ion: 85 Resp: 3750

Ion	Ratio	Lower	Upper
85	100		
87	18.3	17.6	52.9



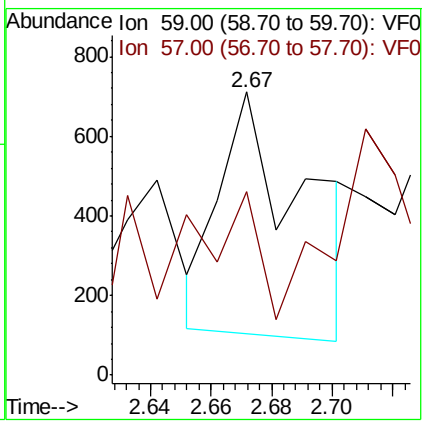


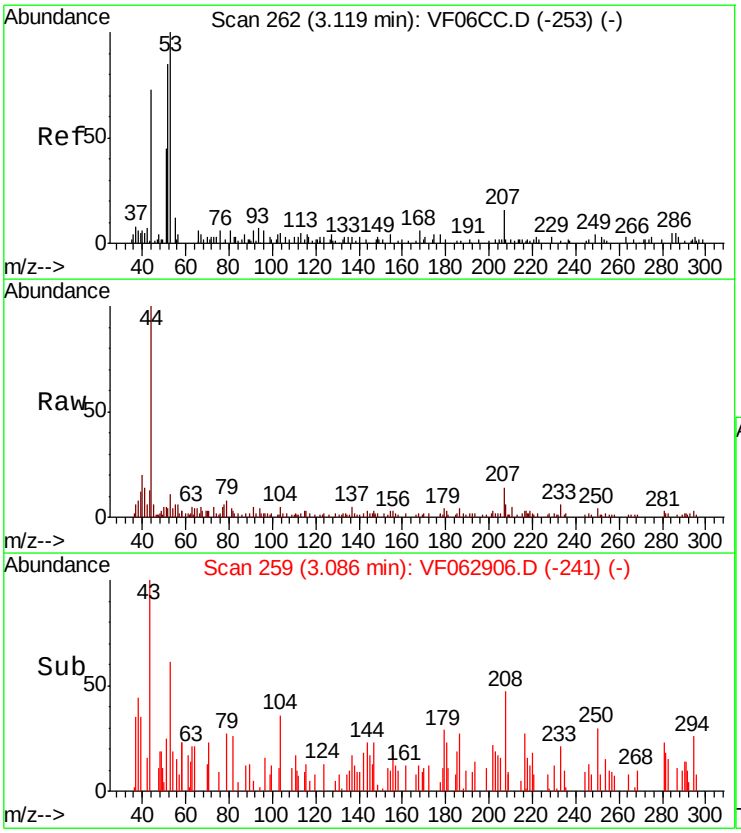
#11
Tert butyl alcohol
Concen: 3.312 ug/l
RT: 2.67 min Scan# 217
Delta R.T. -0.05 min
Lab File: VF062906.D
Acq: 10 Jun 2019 15:02

Instrument :
MSVOA_F
ClientSampleId :
VF0610SBL01

Tgt Ion: 59 Resp: 1174

Ion	Ratio	Lower	Upper
59	100		
57	64.7	9.2	13.8#

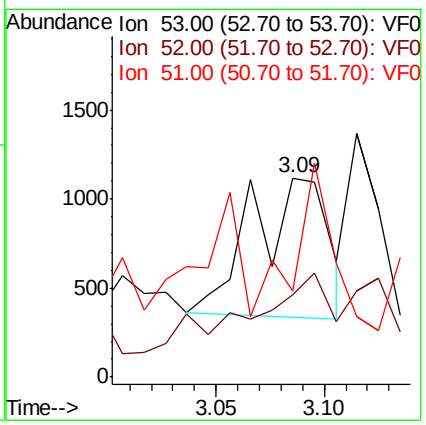


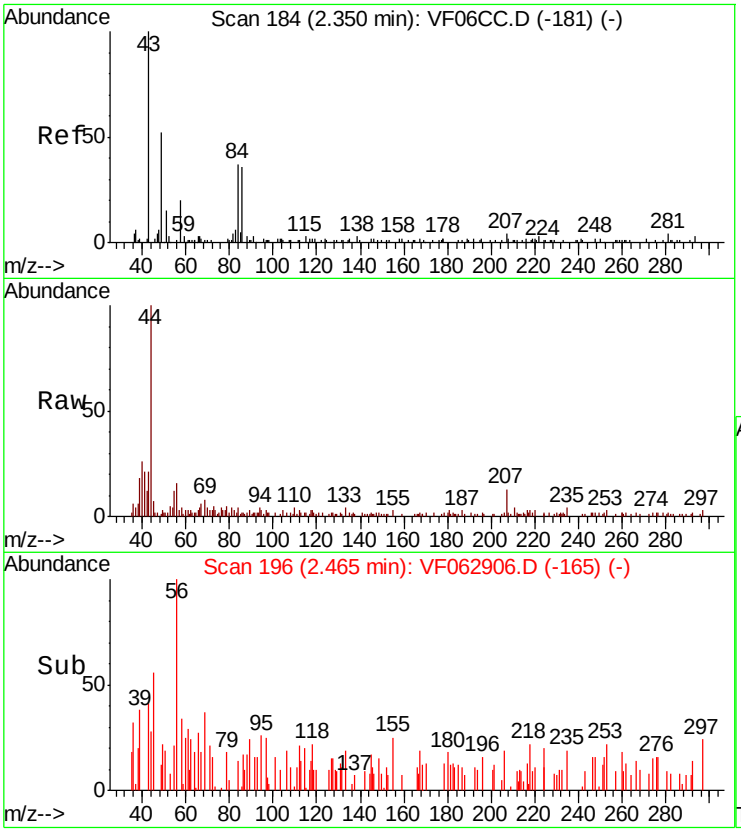


#15
Acrylonitrile
Concen: 1.417 ug/l
RT: 3.09 min Scan# 259
Delta R.T. -0.03 min
Lab File: VF062906.D
Acq: 10 Jun 2019 15:02

Tgt Ion: 53 Resp: 1888

Ion	Ratio	Lower	Upper
53	100		
52	41.1	68.1	102.1#
51	43.5	27.7	41.5#



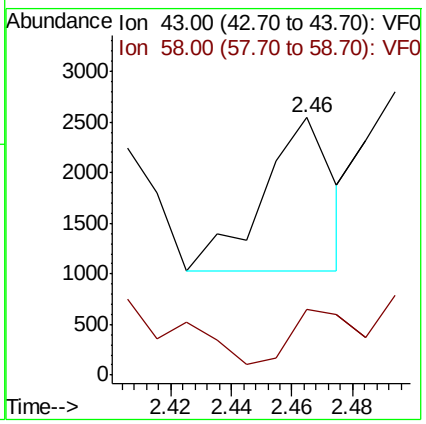


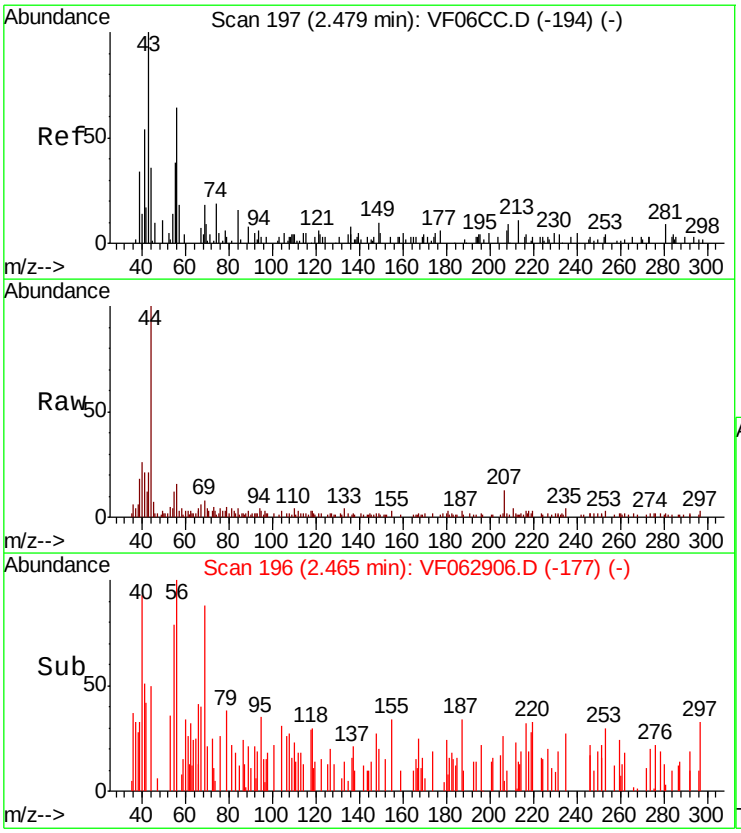
#16
Acetone
Concen: 1.804 ug/l
RT: 2.46 min Scan# 196
Delta R.T. 0.10 min
Lab File: VF062906.D
Acq: 10 Jun 2019 15:02

Instrument :
MSVOA_F
ClientSampleId :
VF0610SBL01

Tgt Ion: 43 Resp: 2416

Ion	Ratio	Lower	Upper
43	100		
58	25.6	19.0	28.4

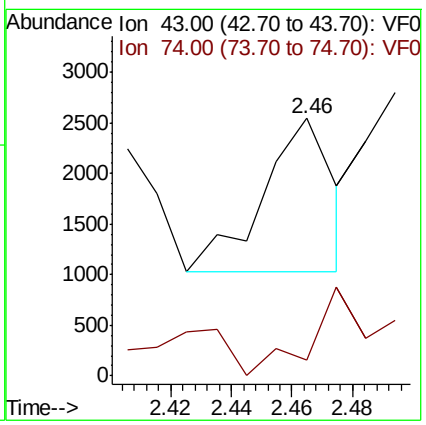


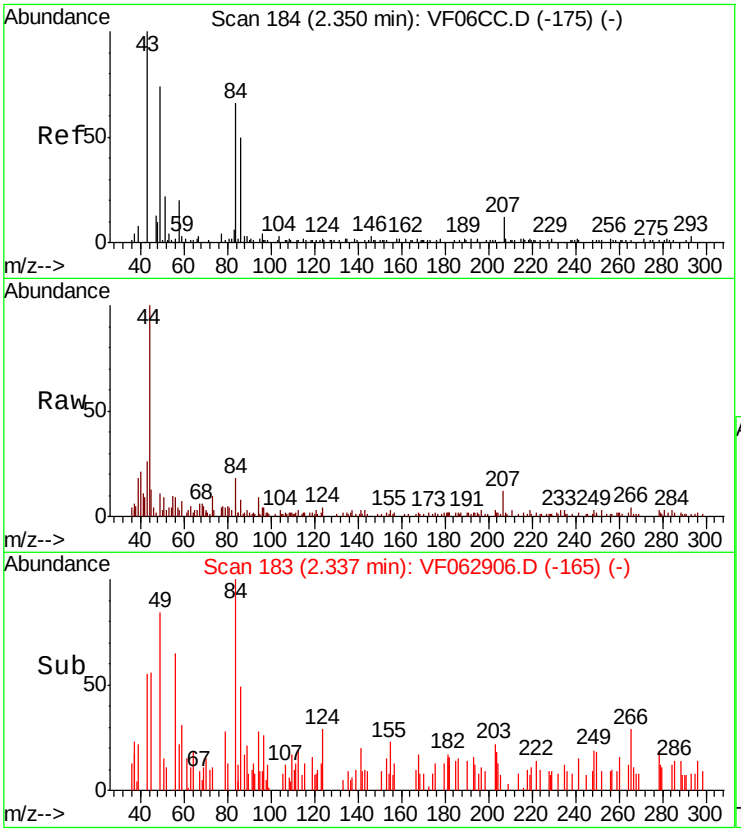


#18
Methyl Acetate
Concen: 1.032 ug/l
RT: 2.46 min Scan# 196
Delta R.T. -0.02 min
Lab File: VF062906.D
Acq: 10 Jun 2019 15:02

Tgt Ion: 43 Resp: 2416

Ion	Ratio	Lower	Upper
43	100		
74	6.0	22.1	33.1#



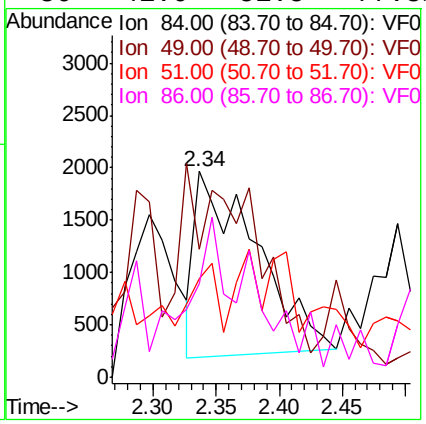


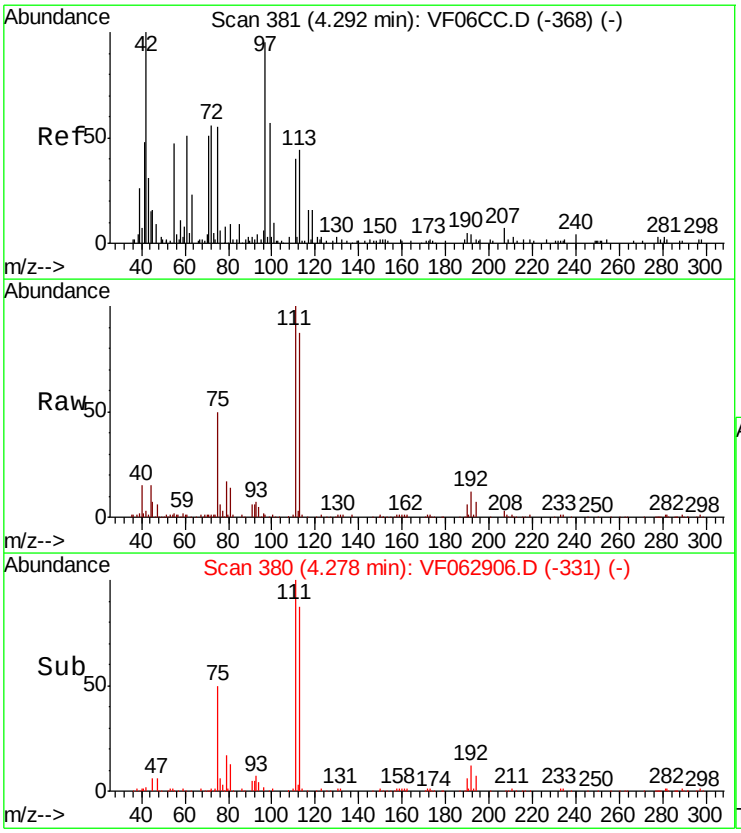
#20
Methylene Chloride
Concen: Below Cal
RT: 2.34 min Scan# 183
Delta R.T. -0.03 min
Lab File: VF062906.D
Acq: 10 Jun 2019 15:02

Instrument : MSVOA_F
ClientSampleId : VF0610SBL01

Tgt Ion: 84 Resp: 5979

Ion	Ratio	Lower	Upper
84	100		
49	56.4	82.6	123.8#
51	43.3	25.0	37.4#
86	41.0	51.5	77.3#

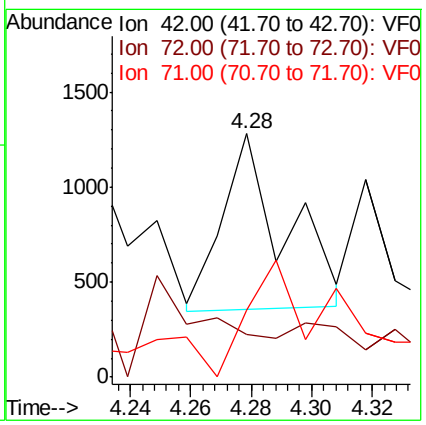


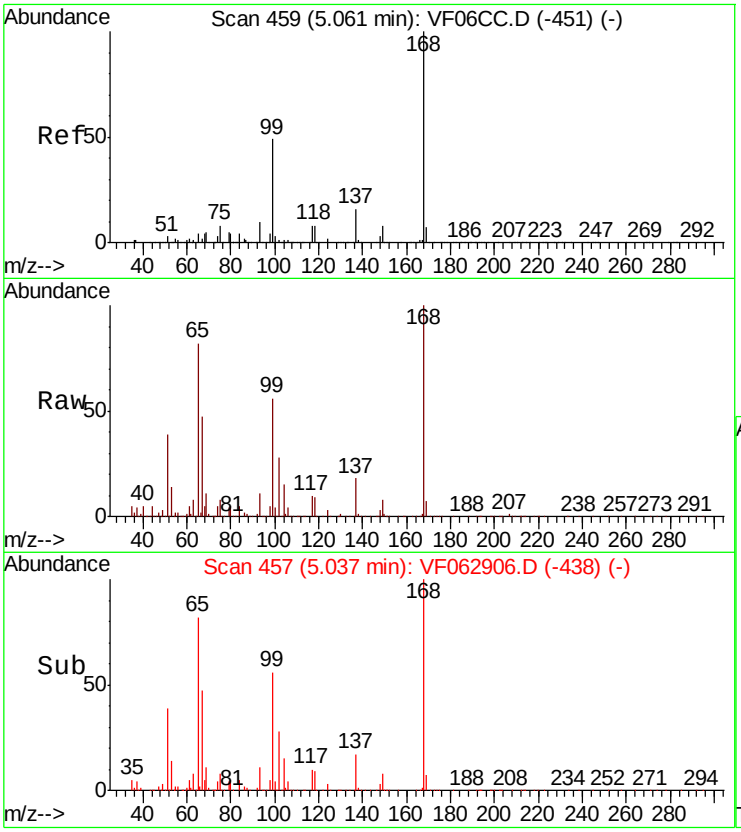


#29
Tetrahydrofuran
Concen: 1.111 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.02 min
Lab File: VF062906.D
Acq: 10 Jun 2019 15:02

Tgt Ion: 42 Resp: 1325

Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.0	58.6#
71	91.2	36.9	55.3#



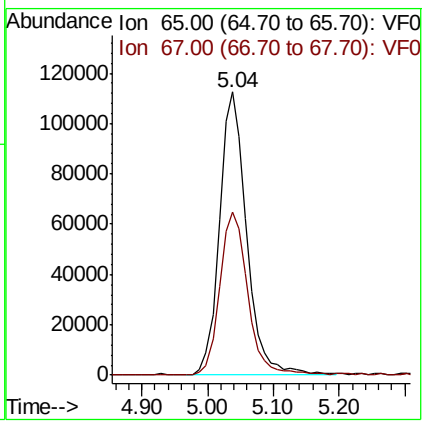


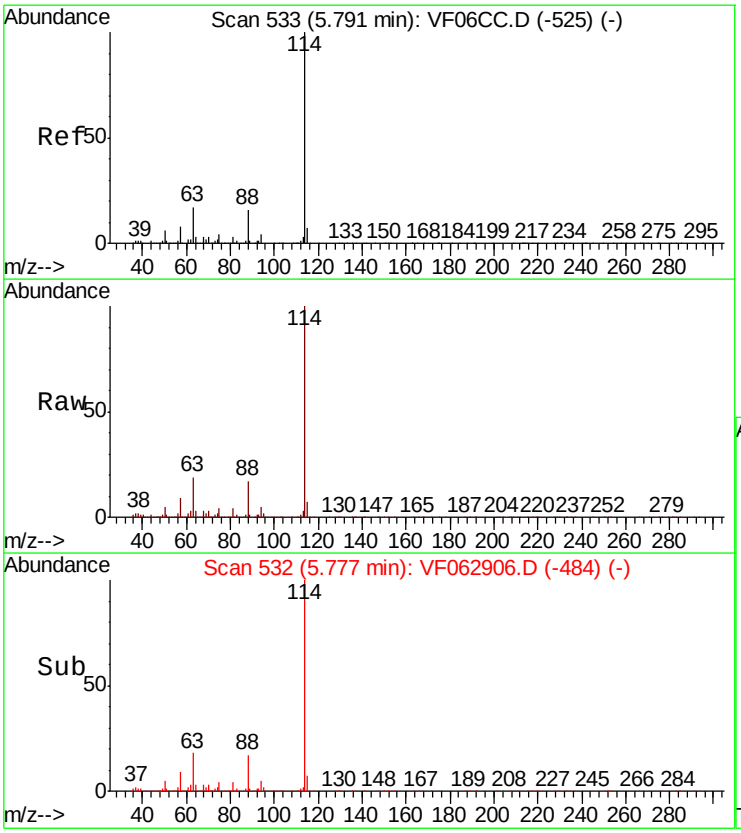
#33
1,2-Dichloroethane-d4
Concen: 55.366 ug/l
RT: 5.04 min Scan# 457
Delta R.T. -0.02 min
Lab File: VF062906.D
Acq: 10 Jun 2019 15:02

Instrument : MSVOA_F
ClientSampleId : VF0610SBL01

Tgt Ion: 65 Resp: 323970

Ion	Ratio	Lower	Upper
65	100		
67	57.5	0.0	121.2

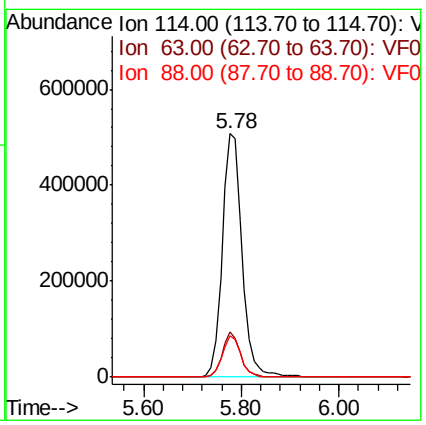


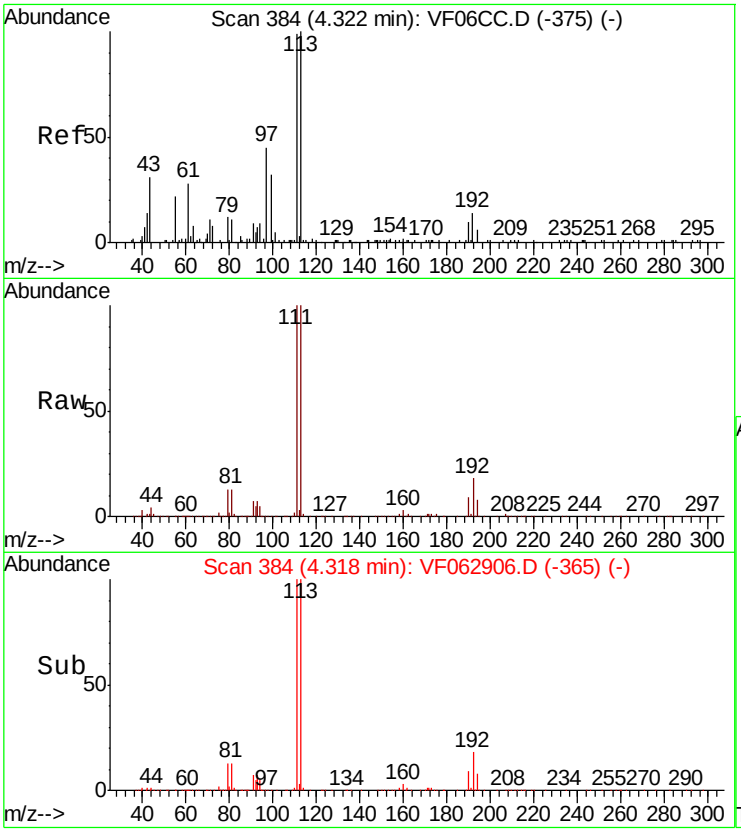


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. -0.03 min
Lab File: VF062906.D
Acq: 10 Jun 2019 15:02

Tgt Ion:114 Resp: 1422368

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	34.2
88	17.0	0.0	31.2



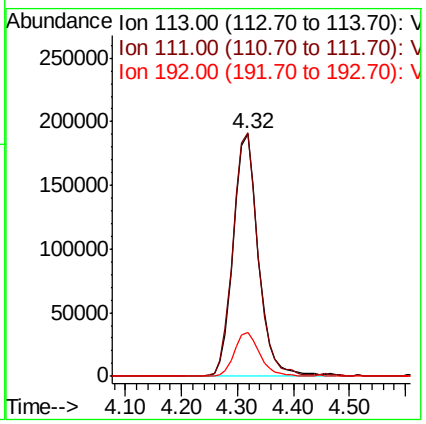


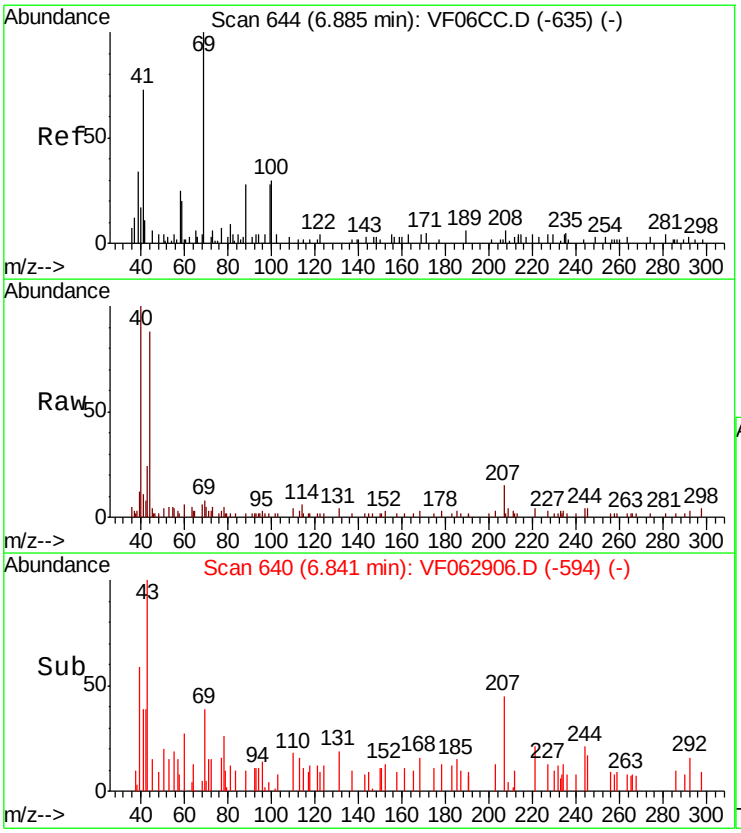
#35
Dibromofluoromethane
Concen: 55.258 ug/l
RT: 4.32 min Scan# 384
Delta R.T. -0.02 min
Lab File: VF062906.D
Acq: 10 Jun 2019 15:02

Instrument : MSVOA_F
ClientSampleId : VF0610SBL01

Tgt Ion:113 Resp: 593925

Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.9	122.9
192	18.2	15.1	22.7

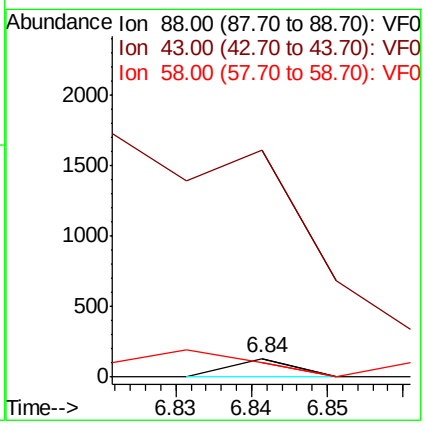


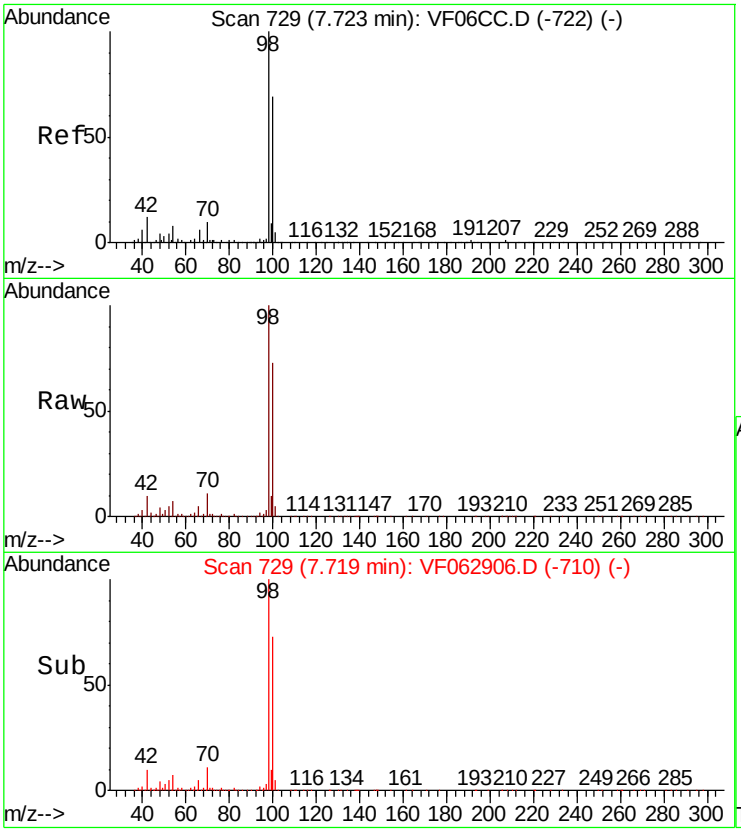


#49
1,4-Dioxane
Concen: 1.759 ug/l
RT: 6.84 min Scan# 640
Delta R.T. -0.05 min
Lab File: VF062906.D
Acq: 10 Jun 2019 15:02

Tgt Ion: 88 Resp: 79

Ion	Ratio	Lower	Upper
88	100		
43	1198.5	34.8	52.2#
58	79.9	59.9	89.9



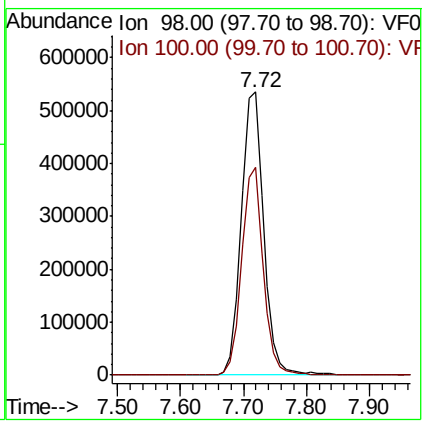


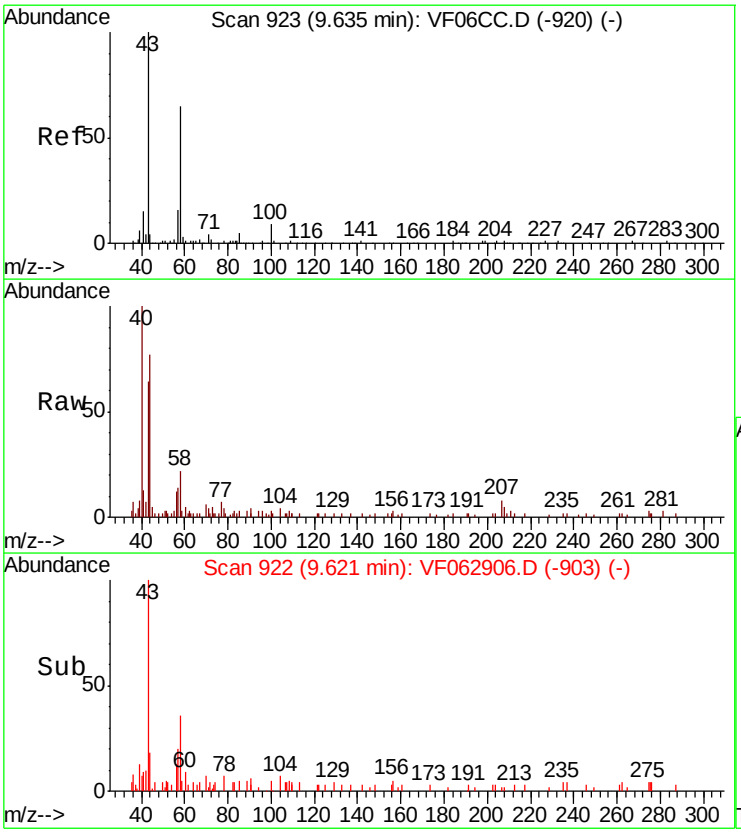
#50
Toluene-d8
Concen: 48.510 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.02 min
Lab File: VF062906.D
Acq: 10 Jun 2019 15:02

Instrument : MSVOA_F
ClientSampleId : VF0610SBL01

Tgt Ion: 98 Resp: 1318487

Ion	Ratio	Lower	Upper
98	100		
100	73.4	59.8	89.8

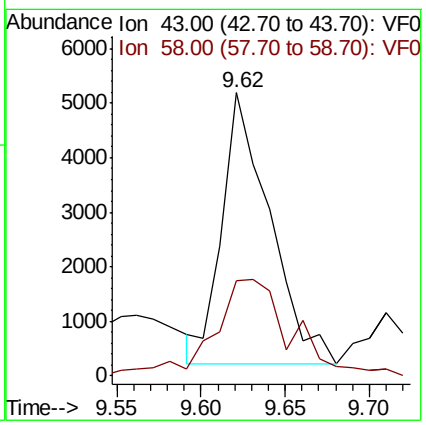


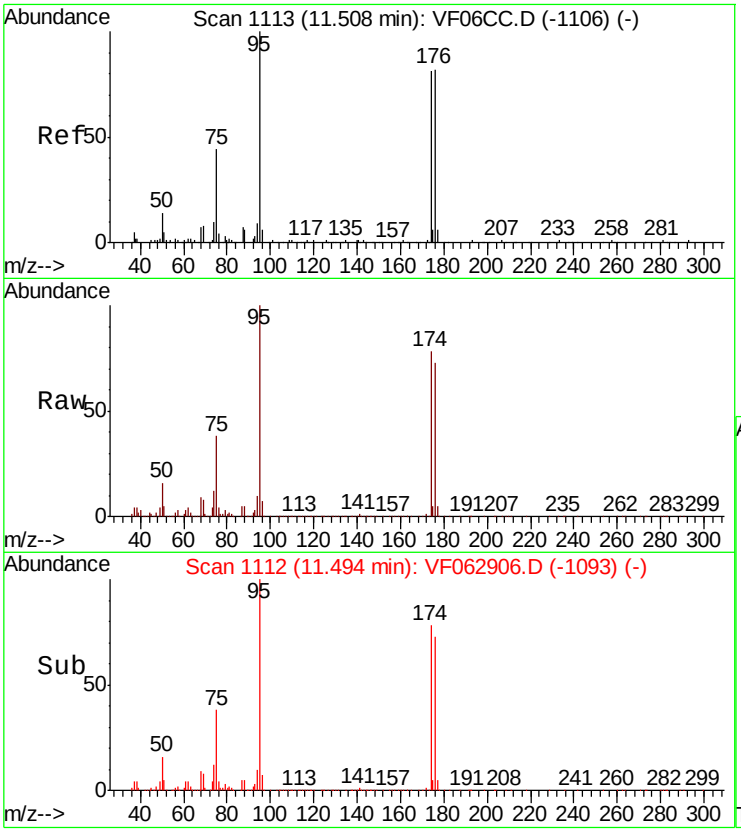


#59
2-Hexanone
Concen: 2.916 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.02 min
Lab File: VF062906.D
Acq: 10 Jun 2019 15:02

Tgt Ion: 43 Resp: 9812

Ion	Ratio	Lower	Upper
43	100		
58	33.8	29.3	87.9



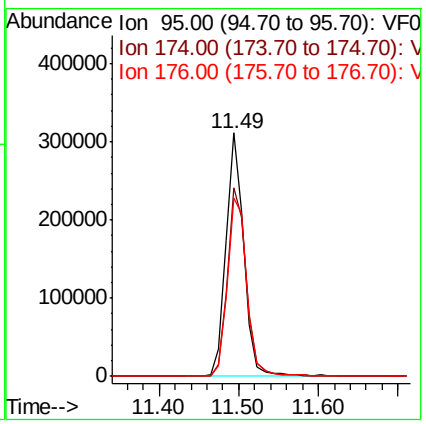


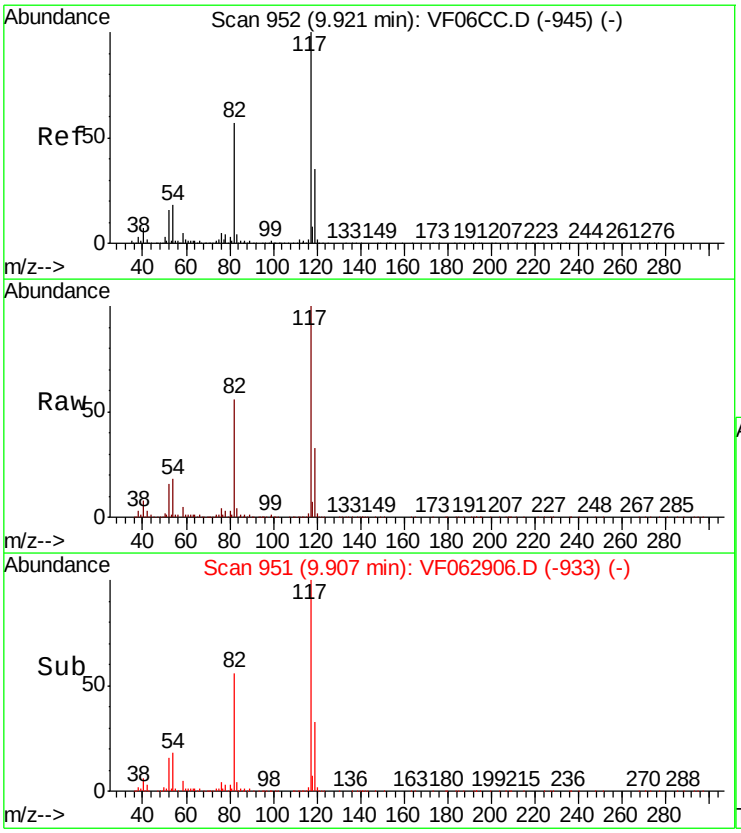
#62
4-Bromofluorobenzene
Concen: 50.634 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.02 min
Lab File: VF062906.D
Acq: 10 Jun 2019 15:02

Instrument : MSVOA_F
ClientSampleId : VF0610SBL01

Tgt Ion: 95 Resp: 495037

Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	170.6
176	73.4	0.0	170.6

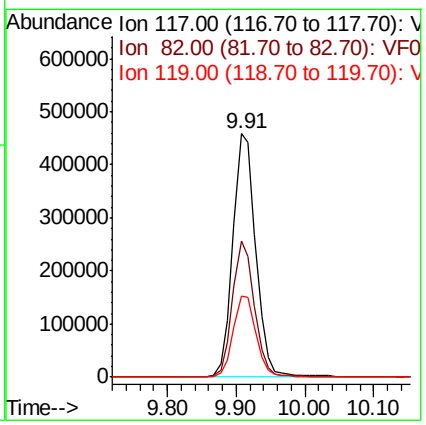


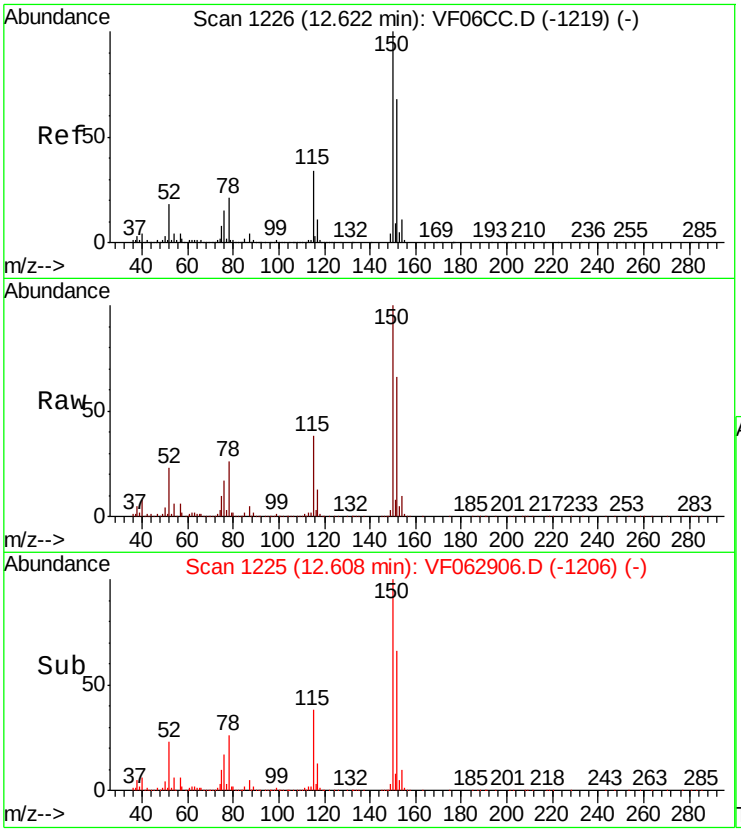


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.03 min
Lab File: VF062906.D
Acq: 10 Jun 2019 15:02

Tgt Ion:117 Resp: 1057096

Ion	Ratio	Lower	Upper
117	100		
82	55.8	42.4	63.6
119	33.2	27.1	40.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF062906.D
Acq: 10 Jun 2019 15:02

Instrument :
MSVOA_F
ClientSampleId :
VF0610SBL01

Tgt Ion:152 Resp: 478710

Ion	Ratio	Lower	Upper
152	100		
115	57.3	24.6	74.0
150	152.0	0.0	290.6