Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122718\
Data File : VF061207.D
Acq On : 27 Dec 2018 14:45
Operator : VA/AP
Sample : J6511-01
Misc : 6.62g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-57(0-5)-GRAB

Quant Time: Dec 27 16:06:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

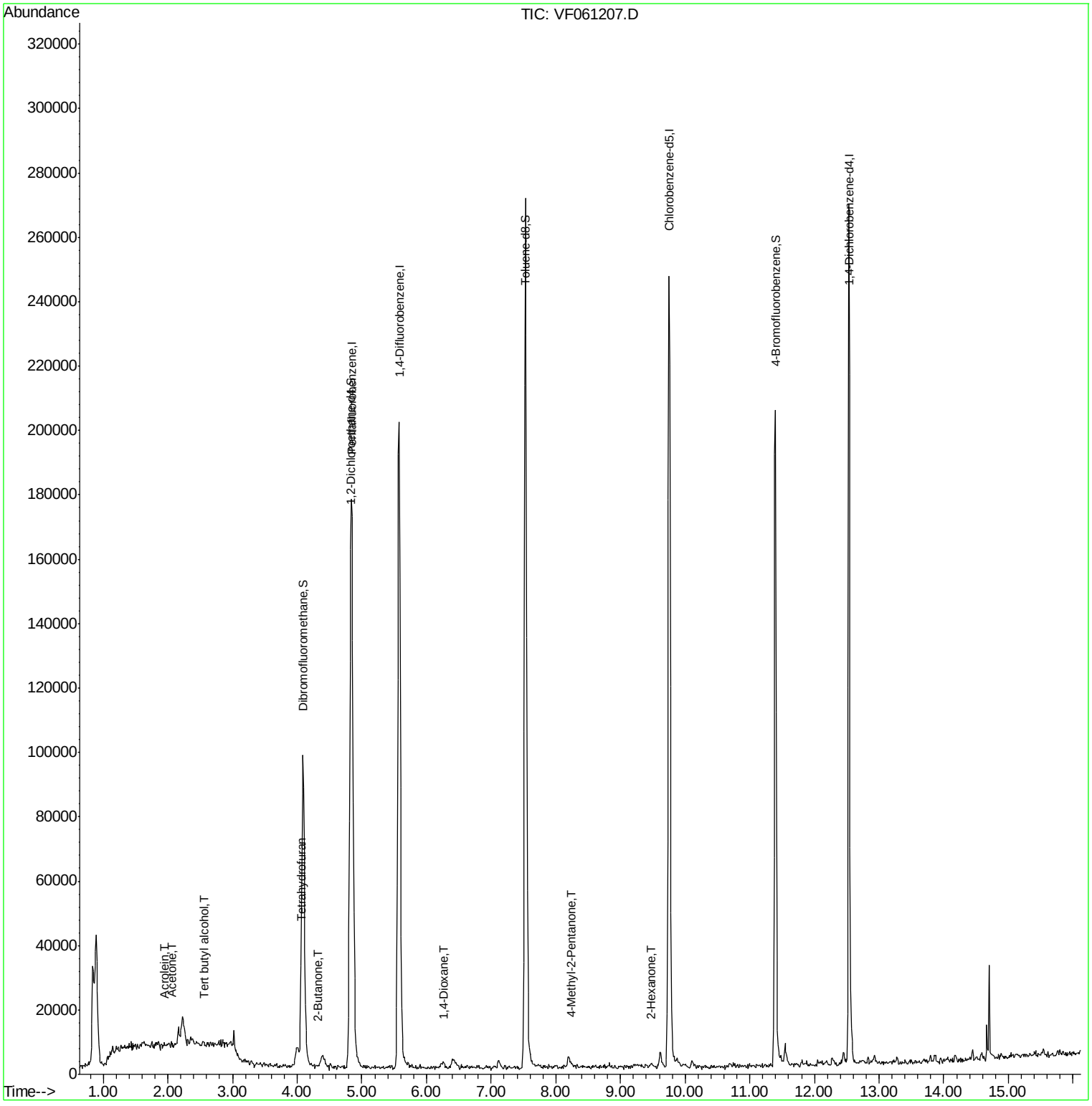
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	125262	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	222423	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.75	117	175518	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.53	152	67442	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	87608	54.38	ug/l	-0.02
Spiked Amount 50.000			Recovery = 108.76%			
35) Dibromofluoromethane	4.09	113	94437	53.00	ug/l	-0.02
Spiked Amount 50.000			Recovery = 106.00%			
50) Toluene-d8	7.53	98	228027	45.16	ug/l	-0.02
Spiked Amount 50.000			Recovery = 90.32%			
62) 4-Bromofluorobenzene	11.39	95	85366	36.67	ug/l	-0.02
Spiked Amount 50.000			Recovery = 73.34%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.56	59	304	4.676	ug/l #	65
13) Acrolein	1.94	56	278	5.918	ug/l	96
16) Acetone	2.07	43	723	2.245	ug/l	99
20) Methylene Chloride	2.24	84	4130	Below Cal	#	70
25) 2-Butanone	4.32	43	1631	3.122	ug/l #	57
29) Tetrahydrofuran	4.05	42	312	1.468	ug/l #	37
49) 1,4-Dioxane	6.28	88	82	12.487	ug/l #	1
51) 4-Methyl-2-Pentanone	8.24	43	1542	1.734	ug/l	89
59) 2-Hexanone	9.48	43	1448	2.252	ug/l	77
70) Styrene	10.77	104	437	Below Cal	#	87
78) n-propylbenzene	11.58	91	1110	Below Cal	#	55
87) 1,3-Dichlorobenzene	12.46	146	573	Below Cal	#	45

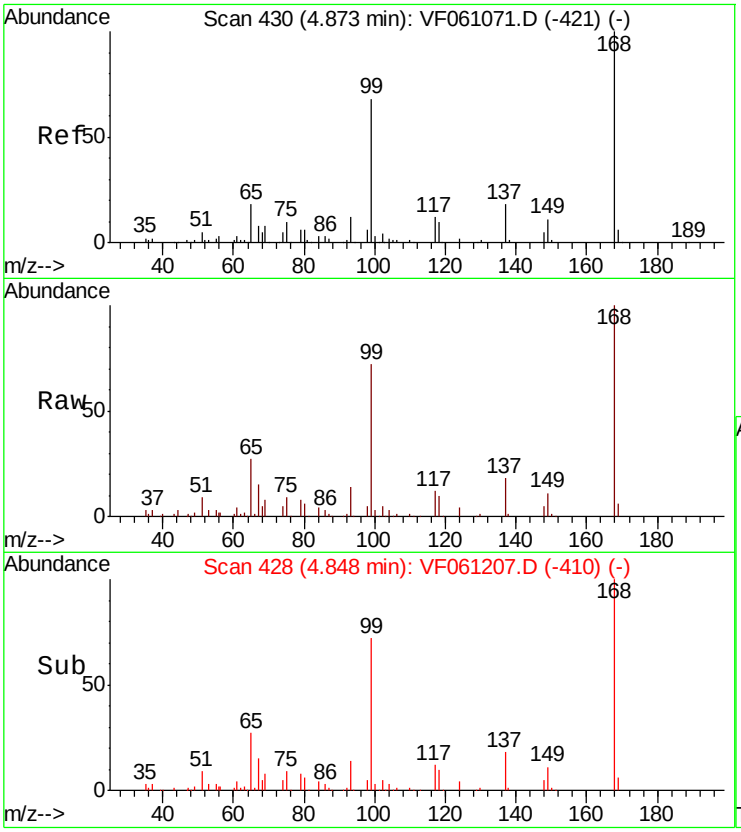
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122718\
Data File : VF061207.D
Acq On : 27 Dec 2018 14:45
Operator : VA/AP
Sample : J6511-01
Misc : 6.62g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-57(0-5)-GRAB

Quant Time: Dec 27 16:06:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration



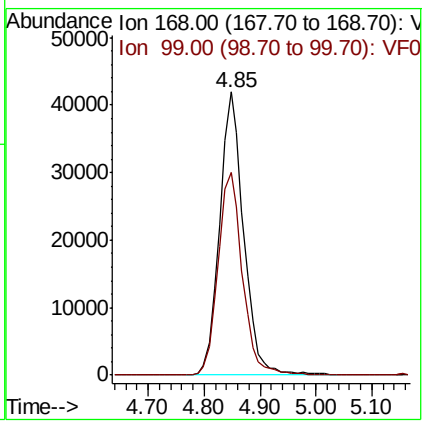


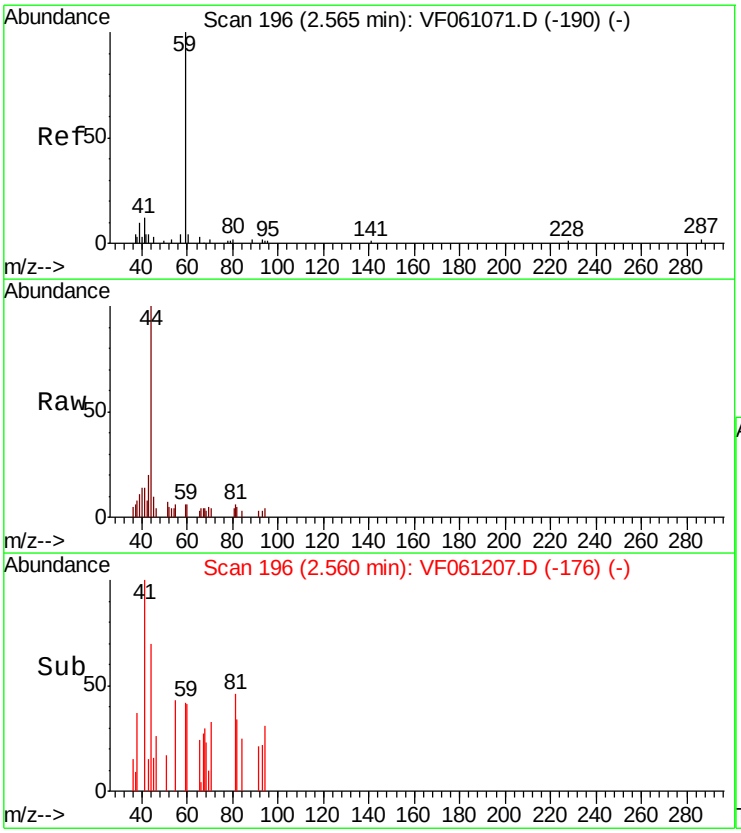
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.02 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

Instrument :
MSVOA_F
ClientSampleId :
SB-57(0-5)-GRAB

Tgt Ion:168 Resp: 125262

Ion	Ratio	Lower	Upper
168	100		
99	71.6	54.4	81.6

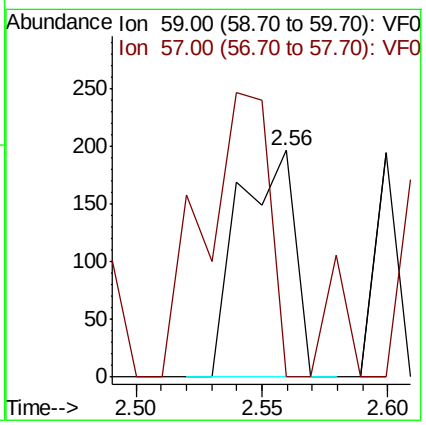


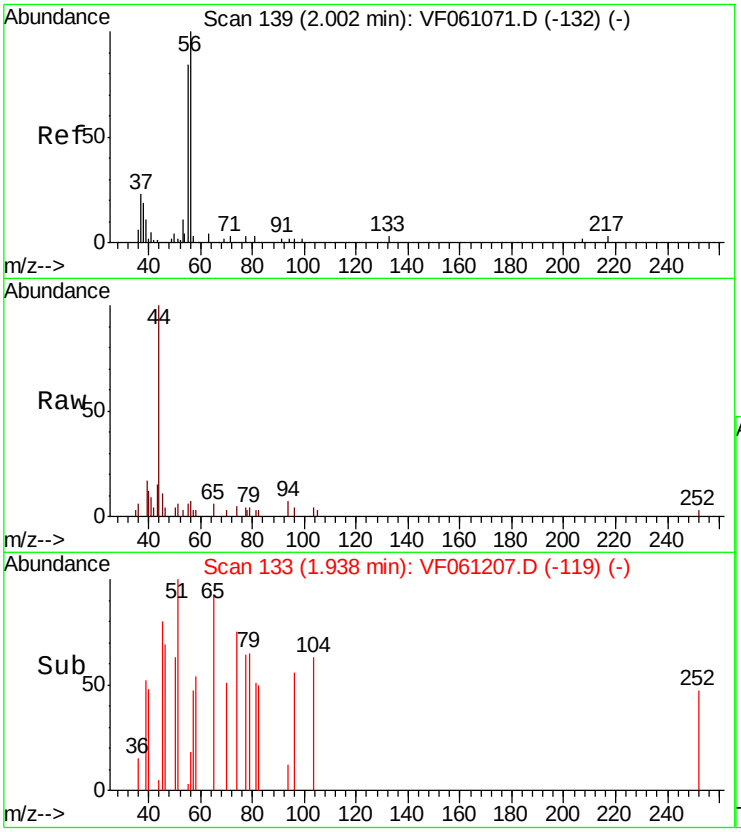


#11
Tert butyl alcohol
Concen: 4.676 ug/l
RT: 2.56 min Scan# 196
Delta R.T. -0.01 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

Tgt Ion: 59 Resp: 304

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.5	17.3#



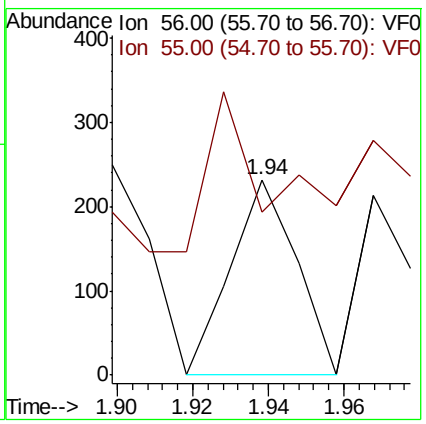


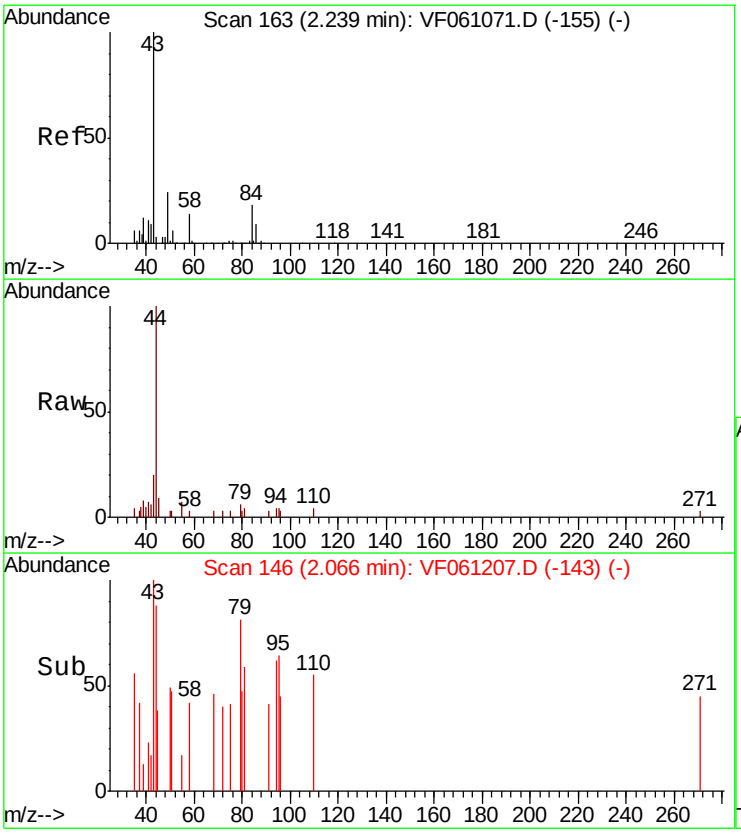
#13
Acrolein
Concen: 5.918 ug/l
RT: 1.94 min Scan# 133
Delta R.T. -0.06 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

Instrument : MSVOA_F
ClientSampleId : SB-57(0-5)-GRAB

Tgt Ion: 56 Resp: 278

Ion	Ratio	Lower	Upper
56	100		
55	83.6	70.2	105.2

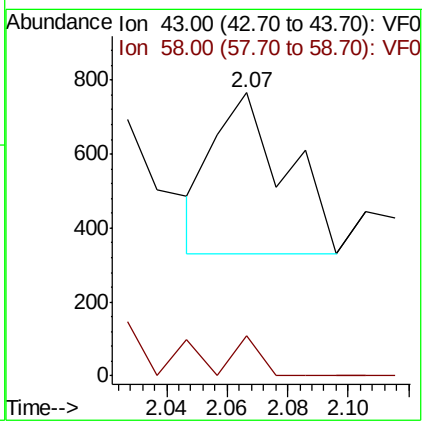


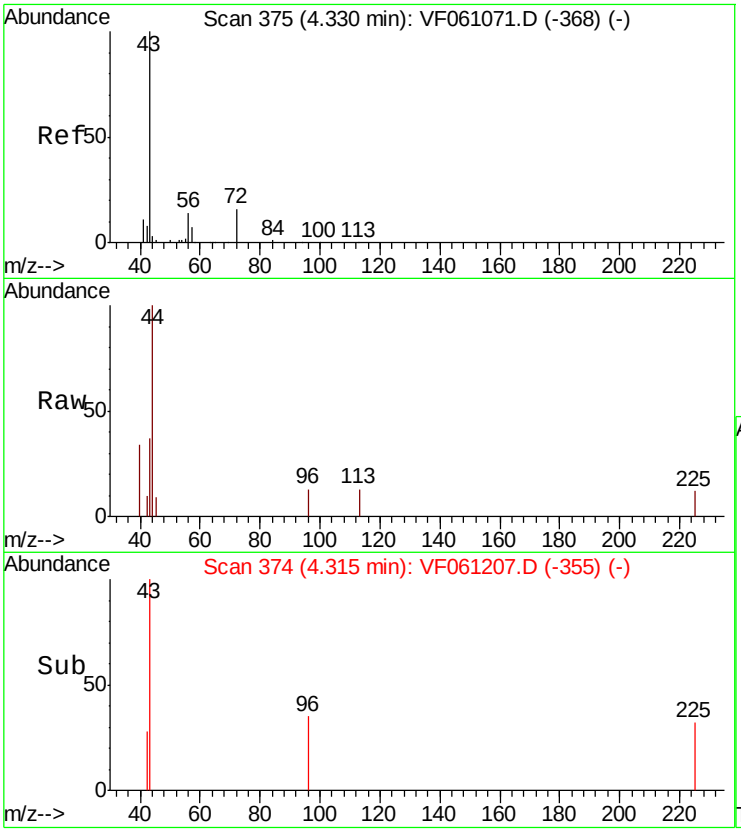


#16
Acetone
Concen: 2.245 ug/l
RT: 2.07 min Scan# 146
Delta R.T. -0.17 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

Tgt Ion: 43 Resp: 723

Ion	Ratio	Lower	Upper
43	100		
58	14.2	11.1	16.7



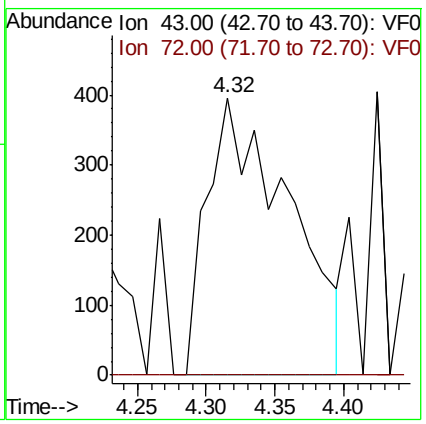


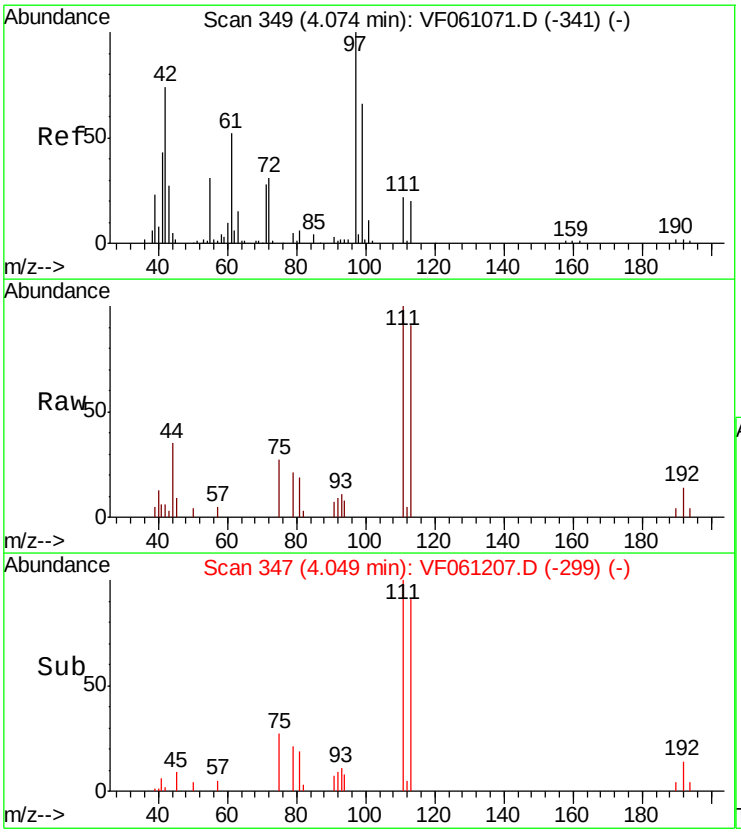
#25
2-Butanone
Concen: 3.122 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.01 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

Instrument : MSVOA_F
ClientSampleId : SB-57(0-5)-GRAB

Tgt Ion: 43 Resp: 1631

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.6	23.4#

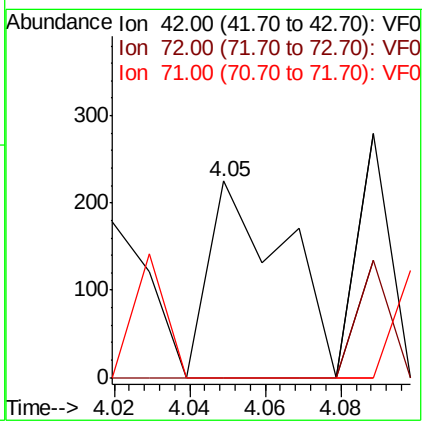


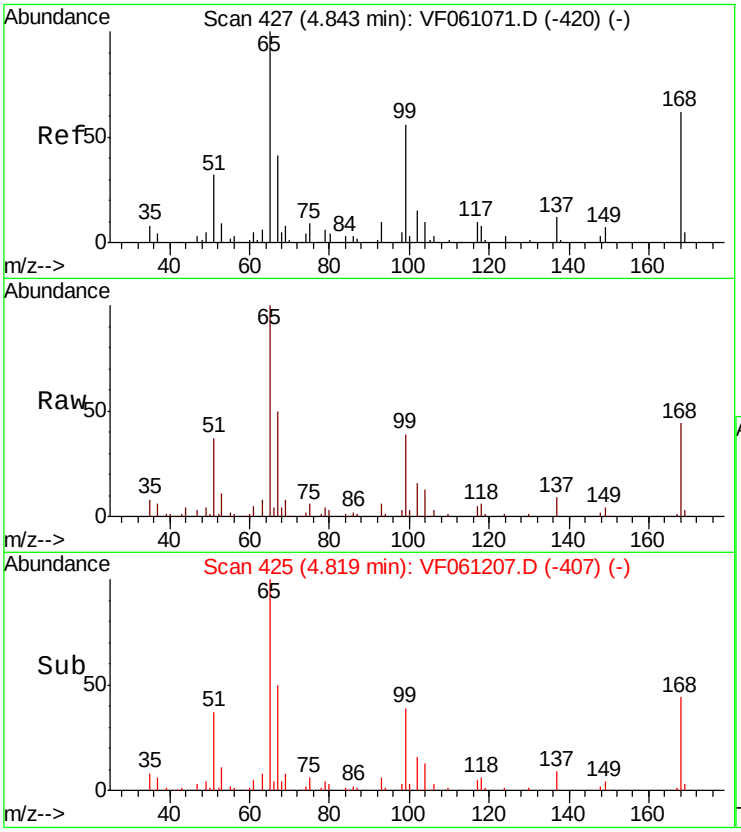


#29
Tetrahydrofuran
Concen: 1.468 ug/l
RT: 4.05 min Scan# 347
Delta R.T. -0.02 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

Tgt Ion: 42 Resp: 312

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.8	47.8#
71	0.0	29.7	44.5#



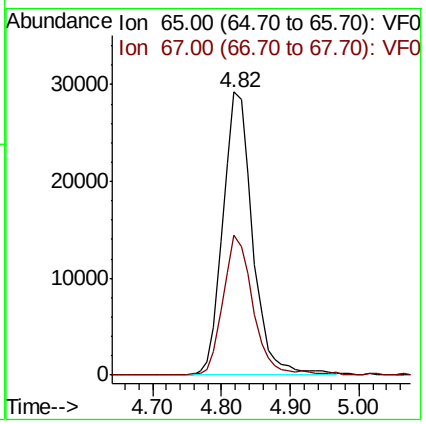


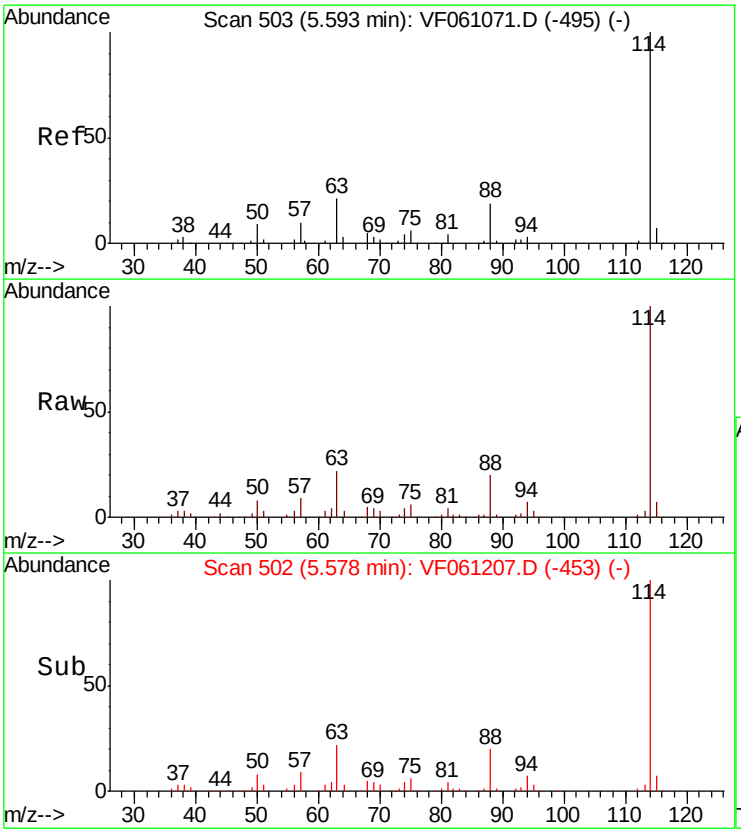
#33
1,2-Dichloroethane-d4
Concen: 54.378 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.02 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

Instrument :
MSVOA_F
ClientSampleId :
SB-57(0-5)-GRAB

Tgt Ion: 65 Resp: 87608

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	94.6

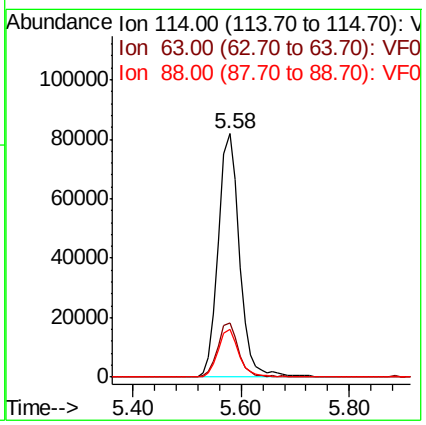


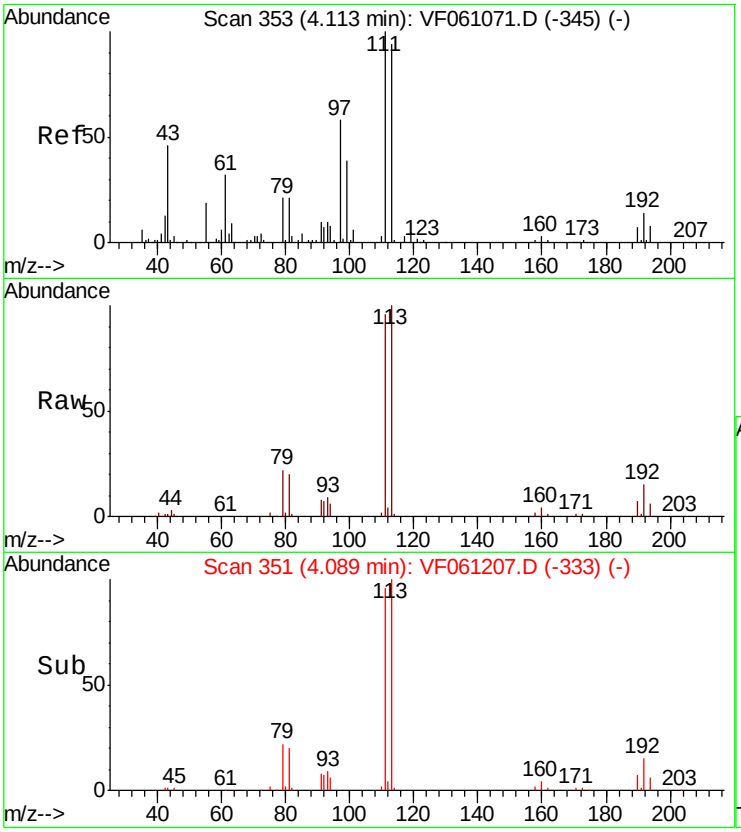


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.01 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

Tgt Ion:114 Resp: 222423

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	41.6
88	19.7	0.0	38.0



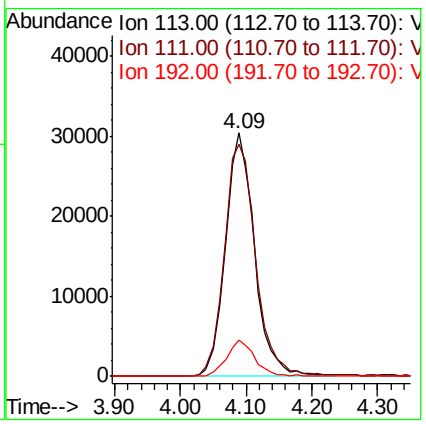


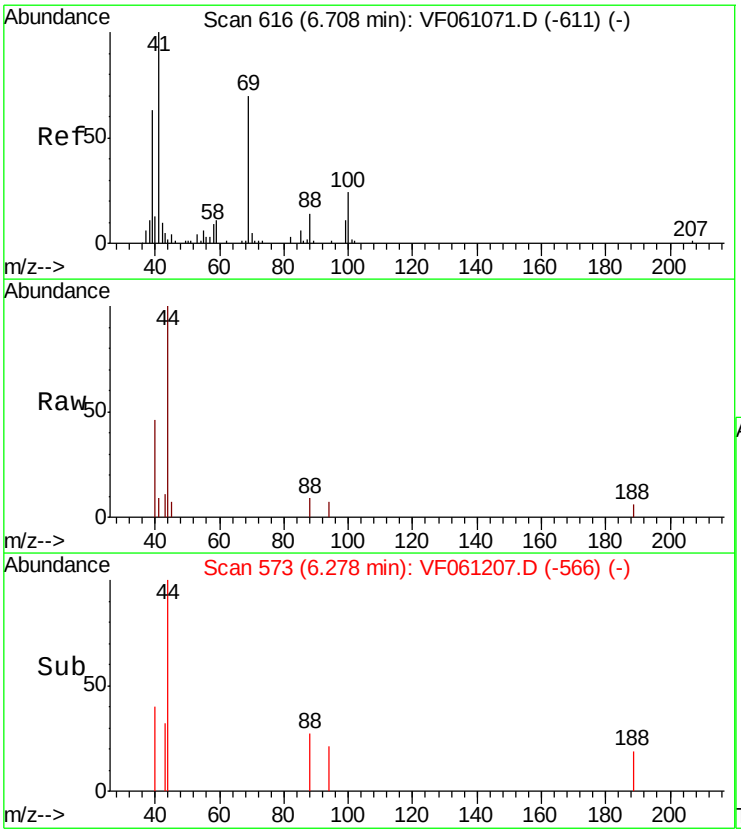
#35
Dibromofluoromethane
Concen: 53.003 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.02 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

Instrument : MSVOA_F
ClientSampleId : SB-57(0-5)-GRAB

Tgt Ion:113 Resp: 94437

Ion	Ratio	Lower	Upper
113	100		
111	95.5	85.2	127.8
192	14.8	12.8	19.2

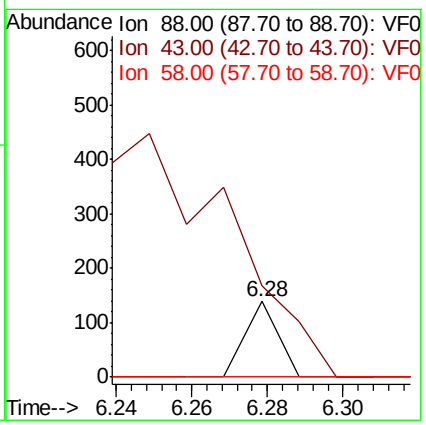


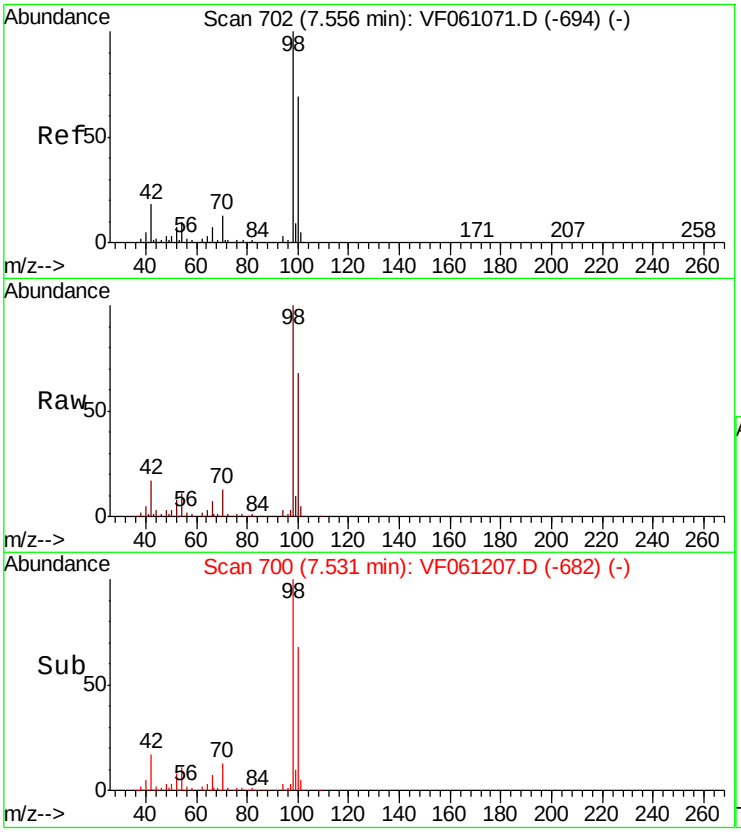


#49
1,4-Dioxane
Concen: 12.487 ug/l
RT: 6.28 min Scan# 573
Delta R.T. -0.43 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

Tgt Ion: 88 Resp: 82

Ion	Ratio	Lower	Upper
88	100		
43	120.1	33.3	49.9#
58	0.0	53.2	79.8#



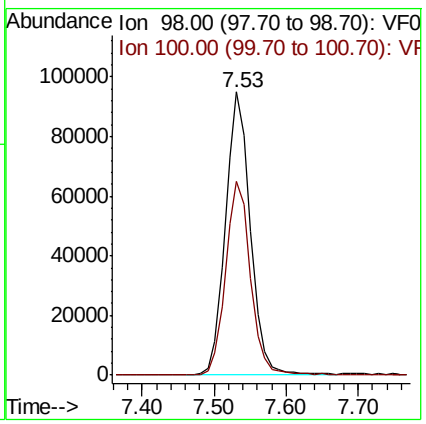


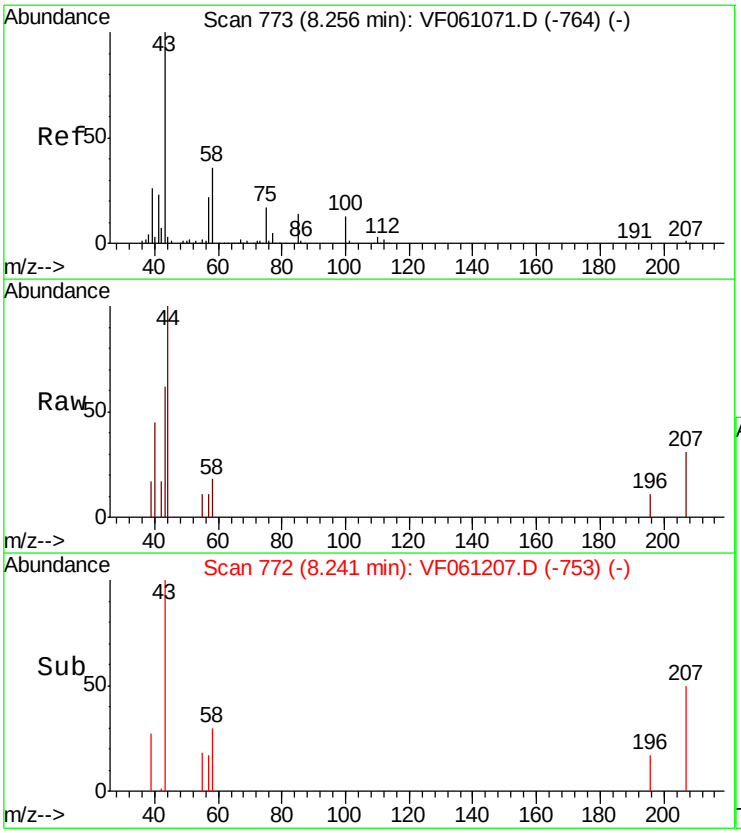
#50
Toluene-d8
Concen: 45.161 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

Instrument :
MSVOA_F
ClientSampleId :
SB-57(0-5)-GRAB

Tgt Ion: 98 Resp: 228027

Ion	Ratio	Lower	Upper
98	100		
100	68.5	55.3	82.9

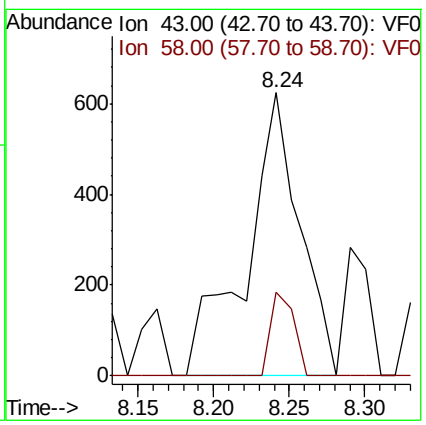


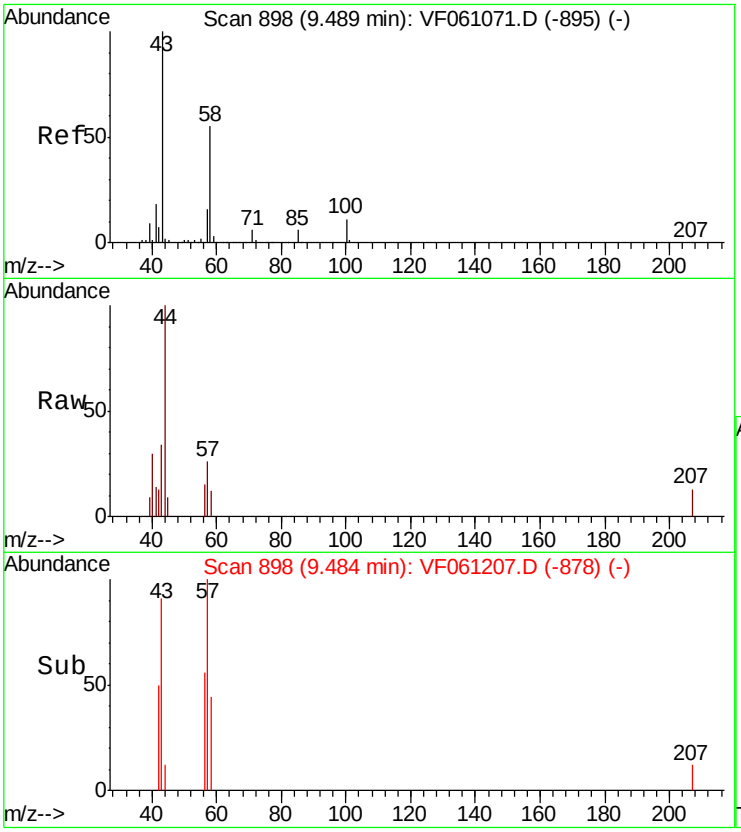


#51
4-Methyl-2-Pentanone
Concen: 1.734 ug/l
RT: 8.24 min Scan# 772
Delta R.T. -0.01 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

Tgt Ion: 43 Resp: 1542

Ion	Ratio	Lower	Upper
43	100		
58	29.6	29.1	43.7



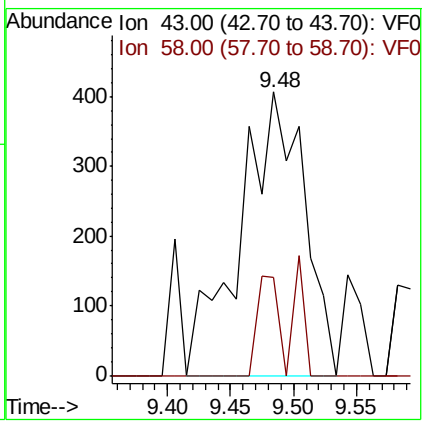


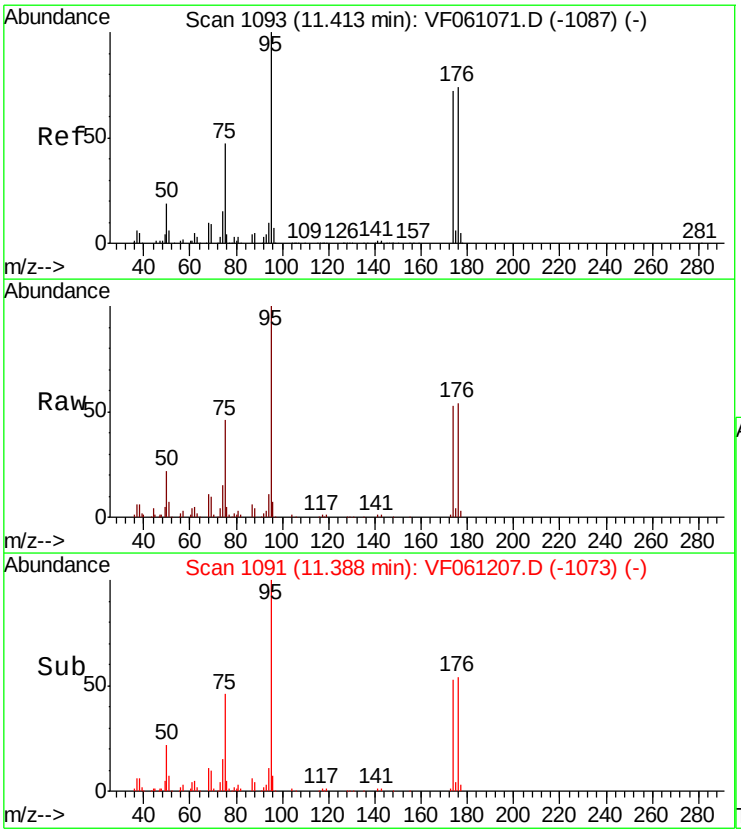
#59
2-Hexanone
Concen: 2.252 ug/l
RT: 9.48 min Scan# 898
Delta R.T. -0.01 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

Instrument :
MSVOA_F
ClientSampleId :
SB-57(0-5)-GRAB

Tgt Ion: 43 Resp: 1448

Ion	Ratio	Lower	Upper
43	100		
58	34.4	25.1	75.2

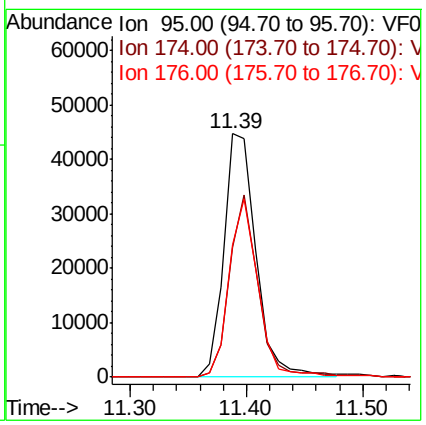


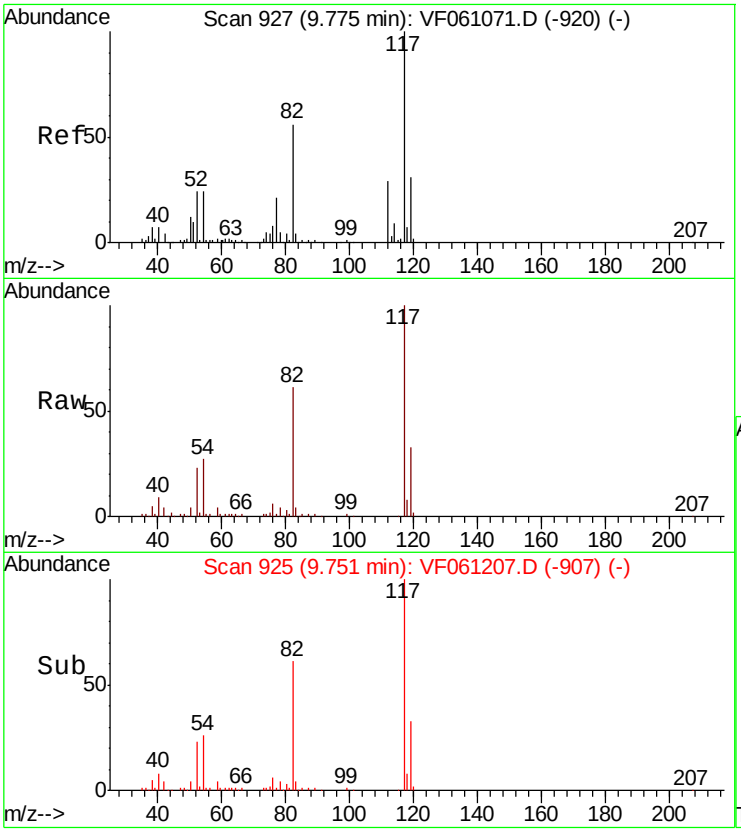


#62
4-Bromofluorobenzene
Concen: 36.673 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

Tgt Ion: 95 Resp: 85366

Ion	Ratio	Lower	Upper
95	100		
174	53.5	0.0	143.8
176	54.5	0.0	147.6



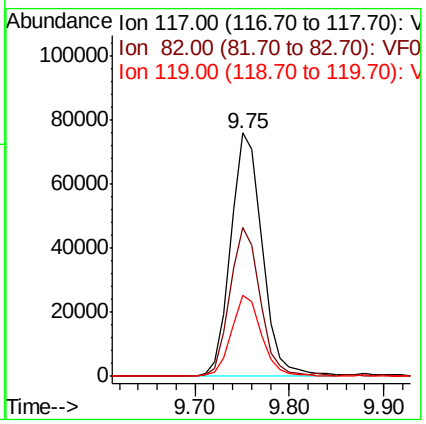


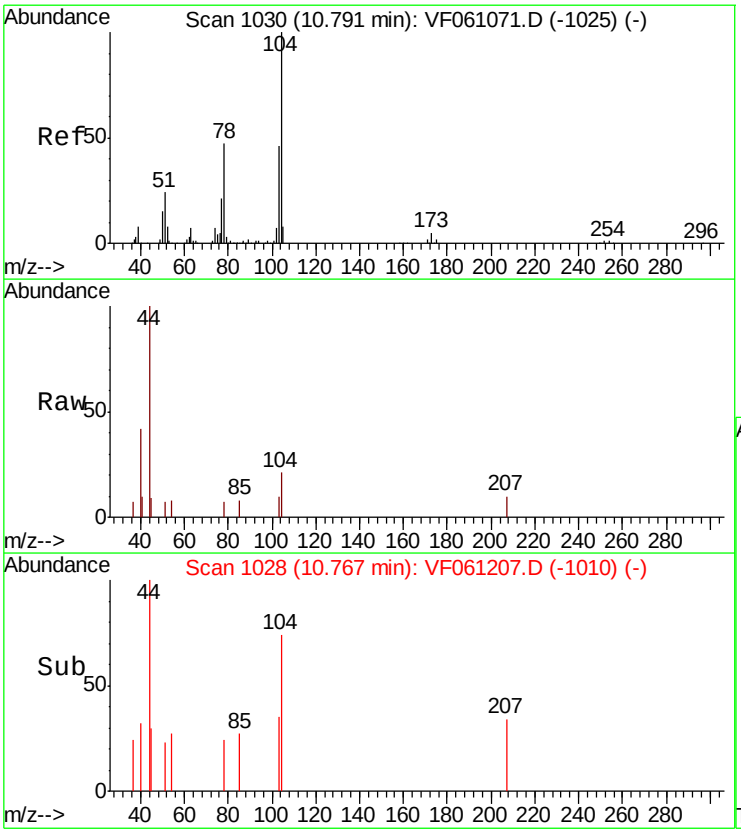
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.02 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

Instrument : MSVOA_F
ClientSampleId : SB-57(0-5)-GRAB

Tgt Ion:117 Resp: 175518

Ion	Ratio	Lower	Upper
117	100		
82	61.3	45.0	67.4
119	33.5	24.8	37.2

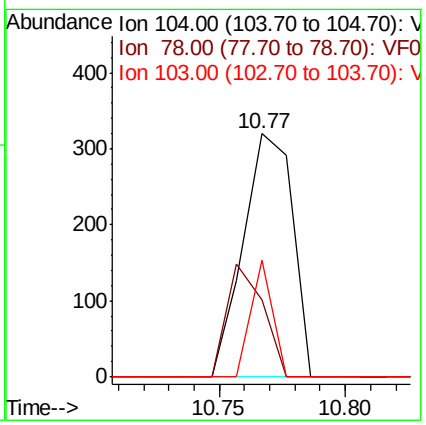


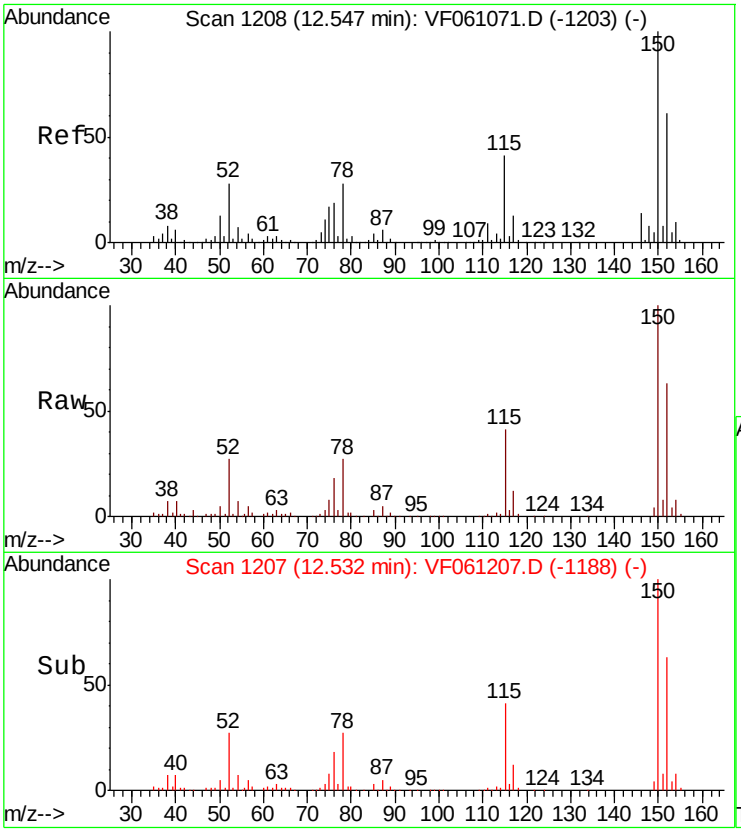


#70
Styrene
Concen: Below Cal
RT: 10.77 min Scan# 1028
Delta R.T. -0.02 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

Tgt Ion:104 Resp: 437

Ion	Ratio	Lower	Upper
104	100		
78	31.9	38.4	57.6#
103	47.8	37.0	55.6



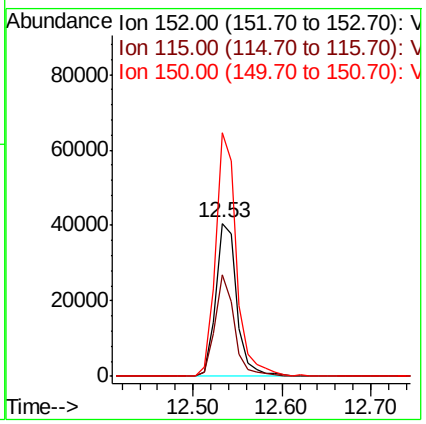


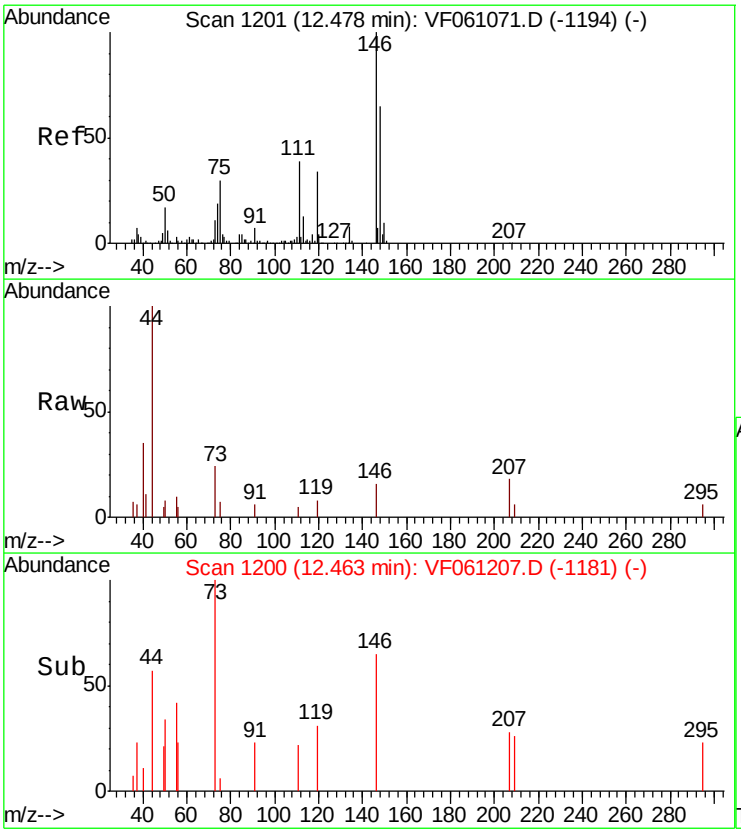
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

Instrument : MSVOA_F
ClientSampleId : SB-57(0-5)-GRAB

Tgt Ion:152 Resp: 67442

Ion	Ratio	Lower	Upper
152	100		
115	66.1	33.3	99.9
150	159.3	0.0	328.2





#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.46 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

Tgt Ion:146 Resp: 573

Ion	Ratio	Lower	Upper
146	100		
111	33.3	19.3	57.9
148	0.0	32.4	97.2#