Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092618\
Data File : VF060348.D
Acq On : 26 Sep 2018 13:25
Operator : VA/AP
Sample : VF0926SBL01
Misc : 5.00/5mL/MSVOA F/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0926SBL01

Quant Time: Sep 26 15:55:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	276385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	470037	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	403412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	216903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	191832	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.10%			
35) Dibromofluoromethane	4.29	113	214676	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.46%			
50) Toluene-d8	7.70	98	537197	49.23	ug/l	-0.01
Spiked Amount 50.000			Recovery = 98.46%			
62) 4-Bromofluorobenzene	11.50	95	237168	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.98	85	1285	Below Cal		85
5) Bromomethane	1.36	94	789	Below Cal		83
8) Diethyl Ether	1.69	74	1388	1.167	ug/l	82
11) Tert butyl alcohol	2.69	59	1328	Below Cal	#	1
13) Acrolein	2.04	56	1182	Below Cal	#	63
16) Acetone	2.34	43	8825	8.420	ug/l #	86
17) Carbon Disulfide	1.84	76	815	Below Cal	#	4
18) Methyl Acetate	2.45	43	1927	1.104	ug/l #	84
20) Methylene Chloride	2.28	84	9836	Below Cal		92
25) 2-Butanone	4.50	43	2203	1.562	ug/l	99
29) Tetrahydrofuran	4.26	42	2552	4.940	ug/l #	90
49) 1,4-Dioxane	6.82	88	64	3.417	ug/l #	1
51) 4-Methyl-2-Pentanone	8.40	43	14703	6.387	ug/l	100
56) Ethyl methacrylate	8.75	69	3626	1.176	ug/l #	59
59) 2-Hexanone	9.63	43	21800	13.301	ug/l	92
74) N-amyl acetate	11.46	43	7238	1.743	ug/l	92
78) n-propylbenzene	11.68	91	4683	Below Cal		87
85) sec-Butylbenzene	12.39	105	2588	Below Cal		92
86) p-Isopropyltoluene	12.54	119	3475	Below Cal	#	61
89) n-Butylbenzene	12.91	91	3210	Below Cal		93

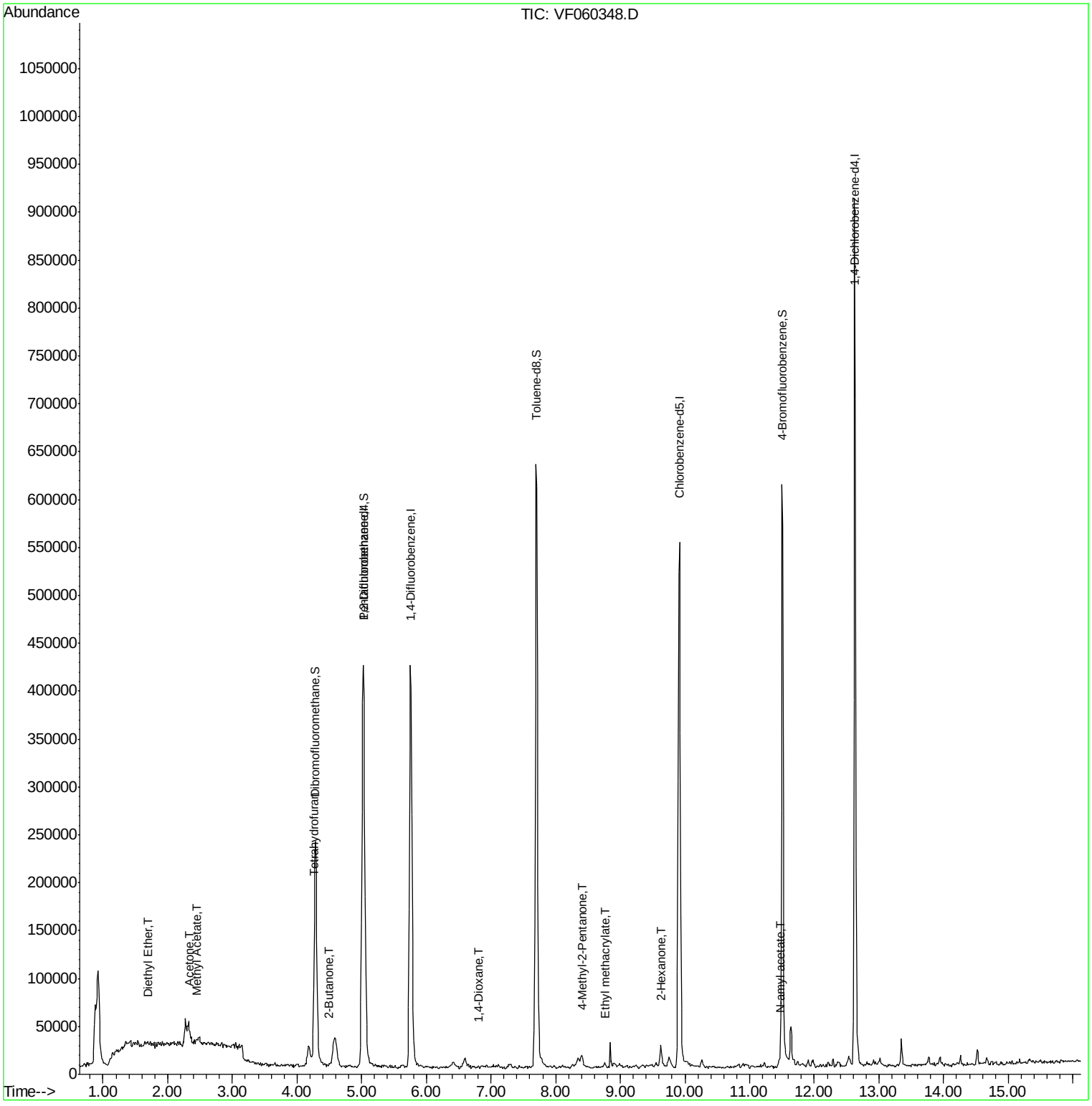
(#) = qualifier out of range (m) = manual integration (+) = signals summed

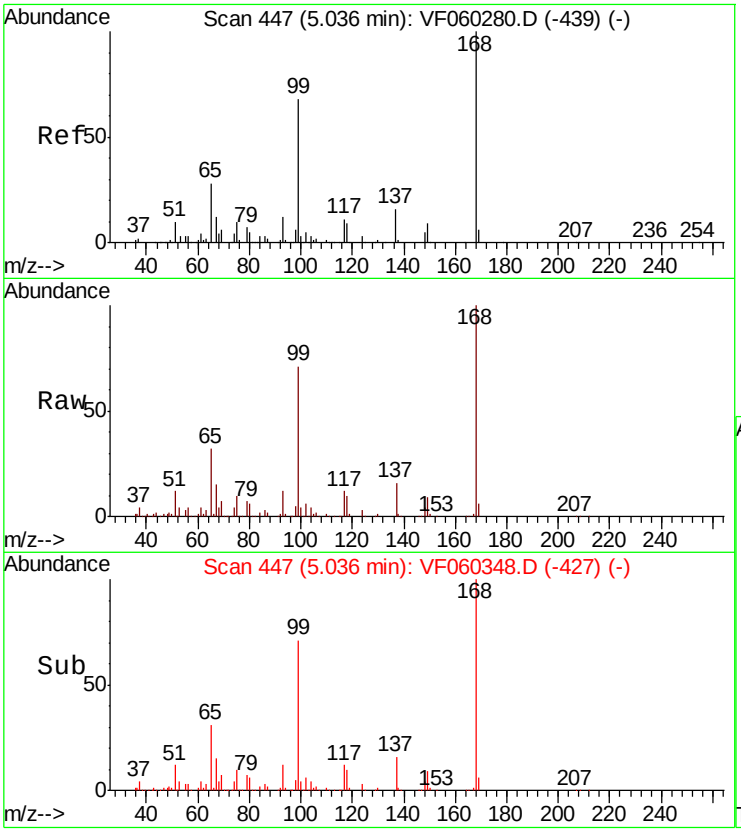
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092618\
Data File : VF060348.D
Acq On : 26 Sep 2018 13:25
Operator : VA/AP
Sample : VF0926SBL01
Misc : 5.00/5mL/MSVOA F/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0926SBL01

Quant Time: Sep 26 15:55:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration



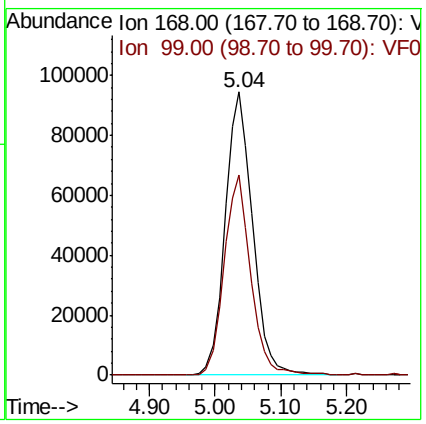


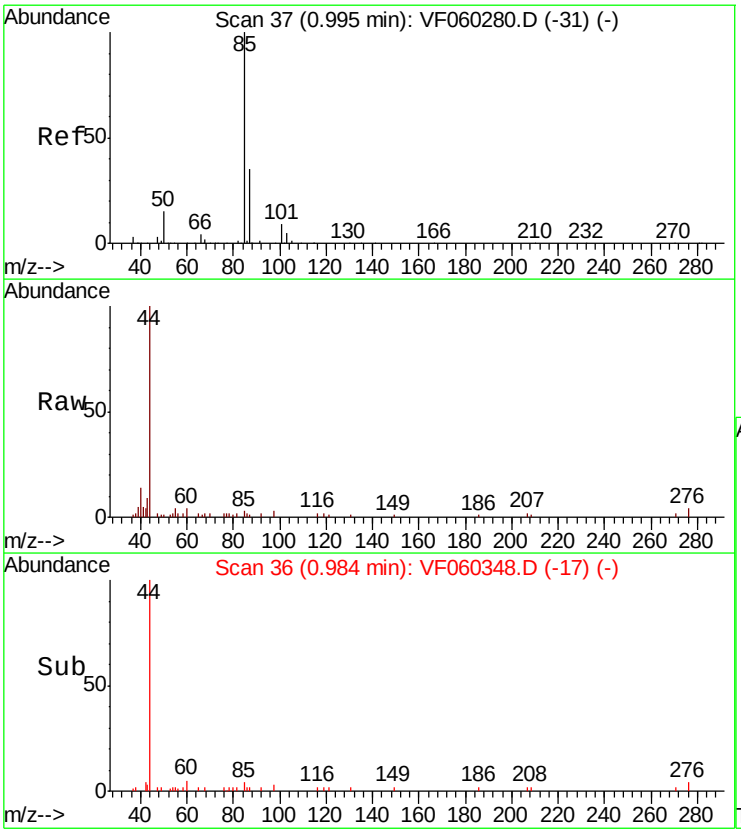
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 447
Delta R.T. -0.00 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Instrument :
MSVOA_F
ClientSampleId :
VF0926SBL01

Tgt Ion:168 Resp: 276385

Ion	Ratio	Lower	Upper
168	100		
99	70.7	54.8	82.2

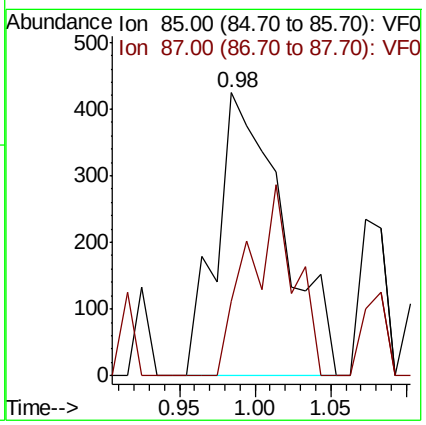


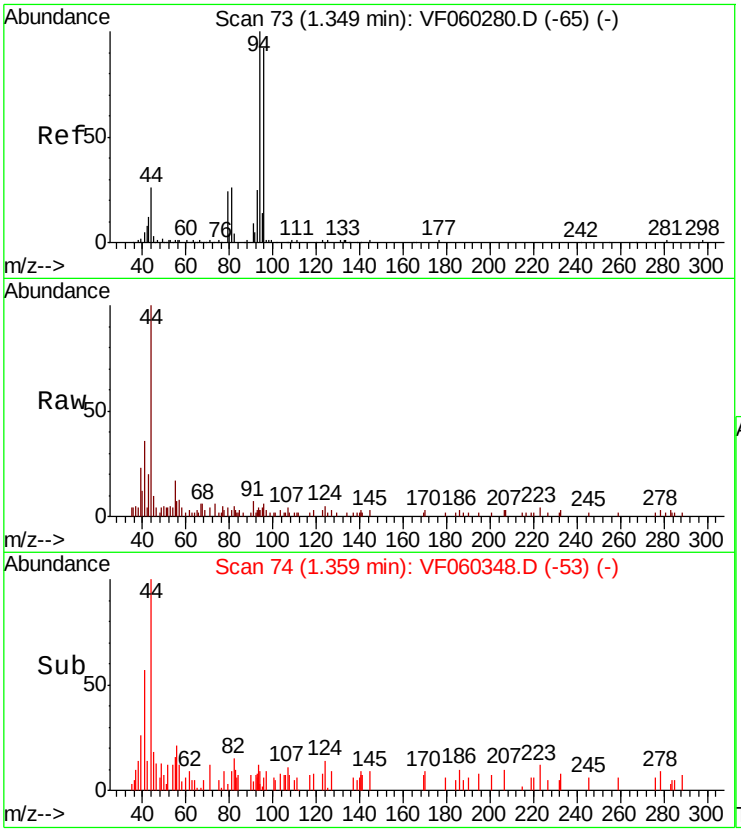


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.98 min Scan# 36
Delta R.T. -0.01 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Tgt Ion: 85 Resp: 1285

Ion	Ratio	Lower	Upper
85	100		
87	26.2	17.3	52.0



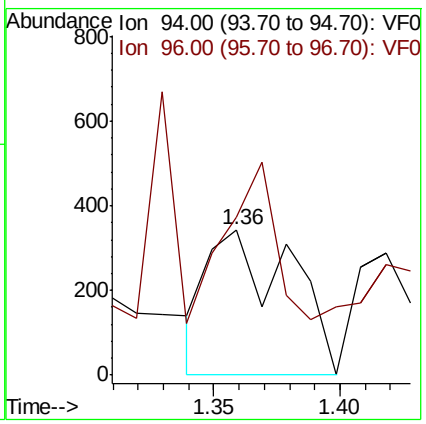


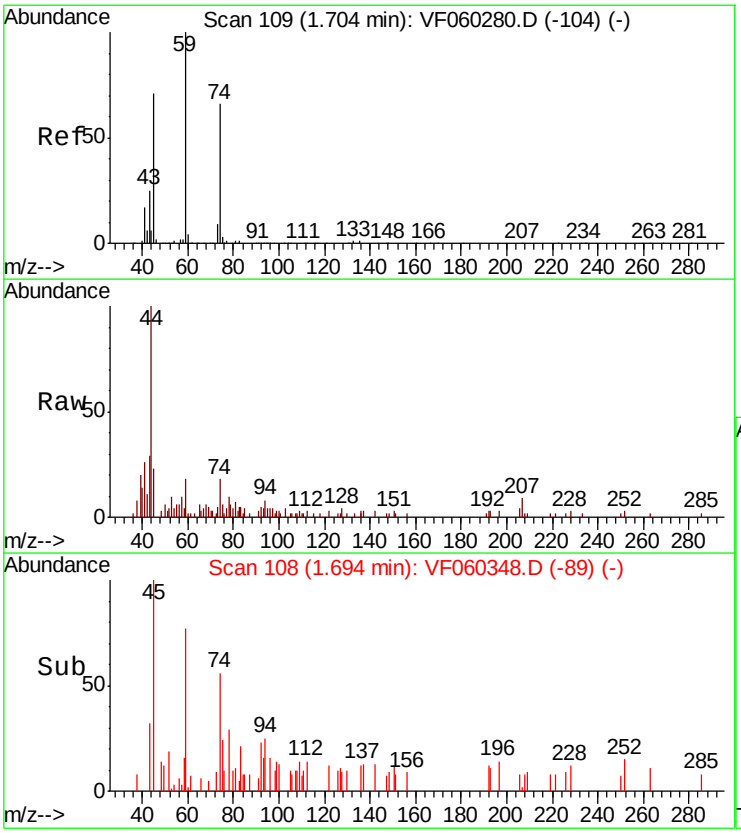
#5
Bromomethane
Concen: Below Cal
RT: 1.36 min Scan# 74
Delta R.T. 0.01 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Instrument : MSVOA_F
ClientSampleId : VF0926SBL01

Tgt Ion: 94 Resp: 789

Ion	Ratio	Lower	Upper
94	100		
96	108.7	73.9	110.9

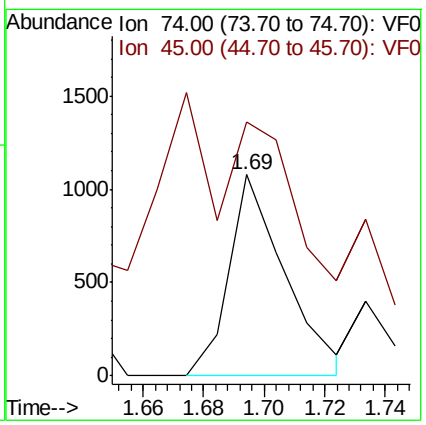


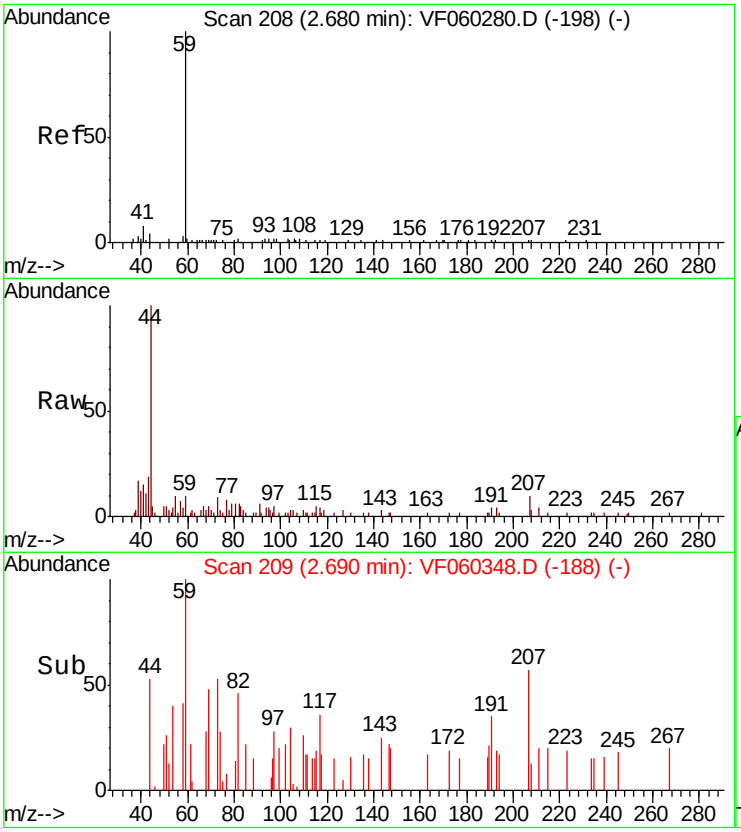


#8
Diethyl Ether
Concen: 1.167 ug/l
RT: 1.69 min Scan# 108
Delta R.T. -0.01 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Tgt Ion: 74 Resp: 1388

Ion	Ratio	Lower	Upper
74	100		
45	126.6	53.9	161.7



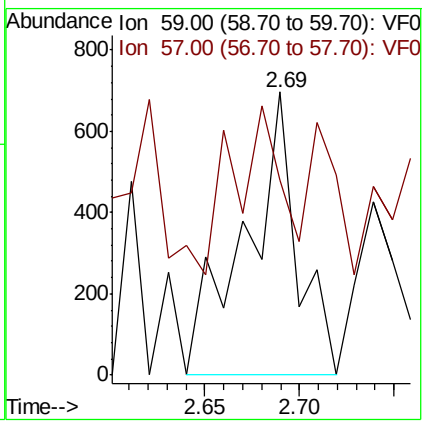


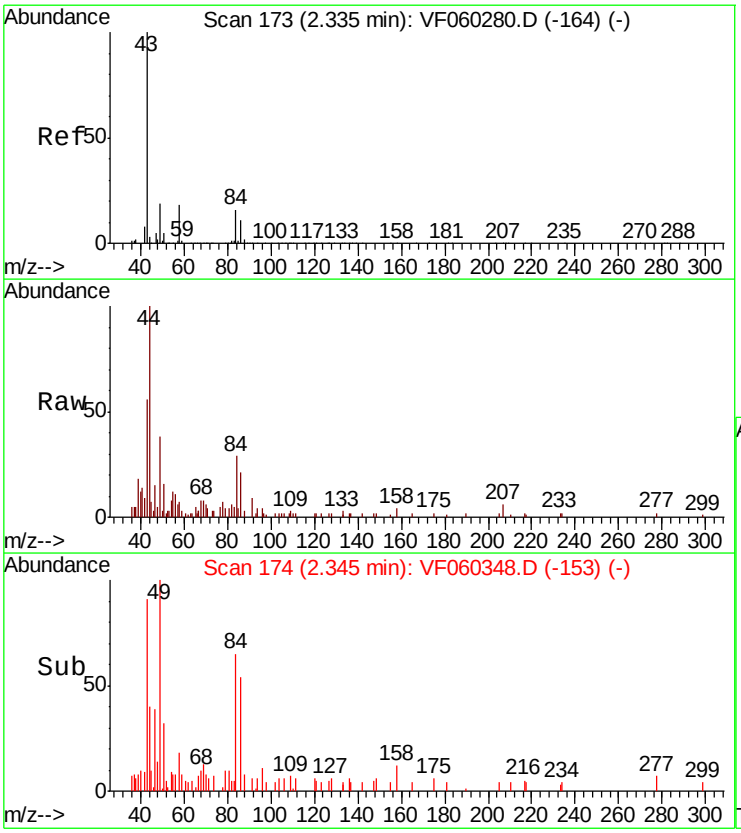
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.69 min Scan# 209
Delta R.T. 0.01 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Instrument : MSVOA_F
ClientSampleId : VF0926SBL01

Tgt Ion: 59 Resp: 1328

Ion	Ratio	Lower	Upper
59	100		
57	68.9	12.4	18.6#

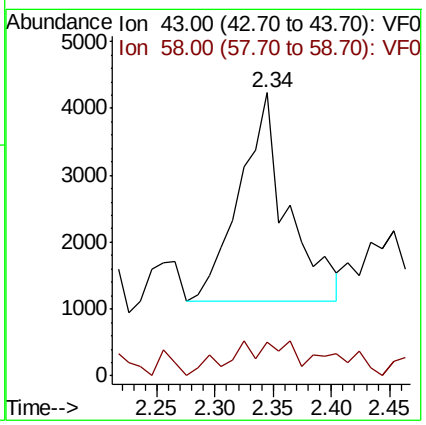


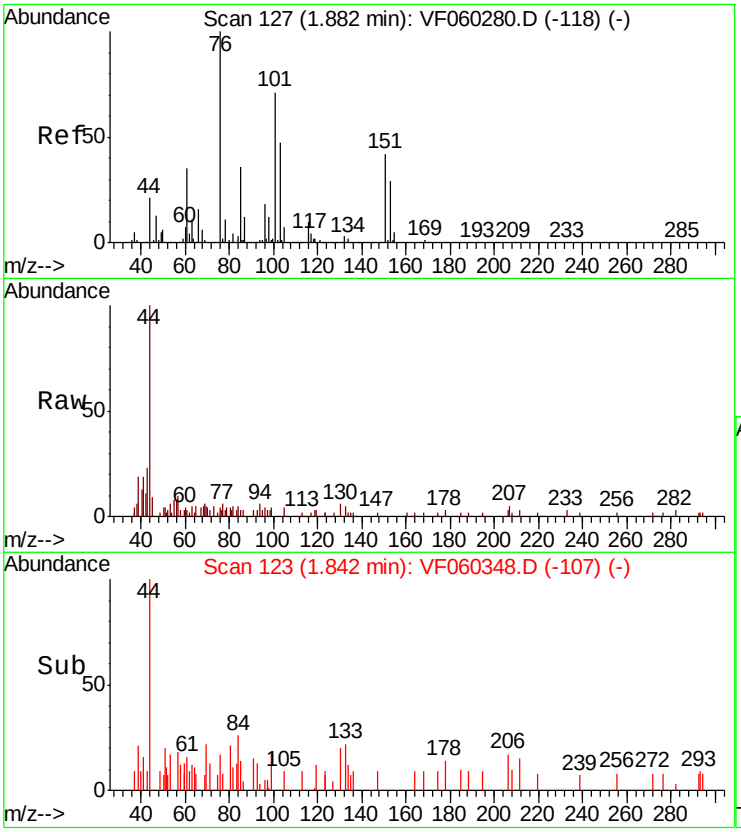


#16
Acetone
Concen: 8.420 ug/l
RT: 2.34 min Scan# 174
Delta R.T. 0.01 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Tgt Ion: 43 Resp: 8825

Ion	Ratio	Lower	Upper
43	100		
58	12.1	14.5	21.7#



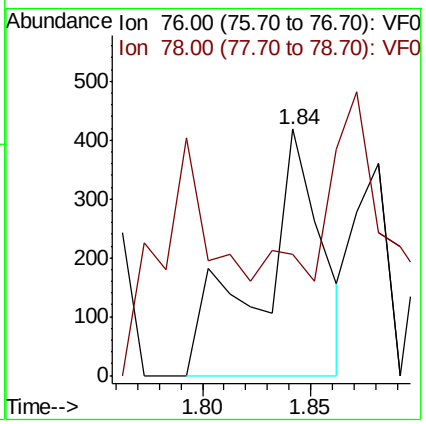


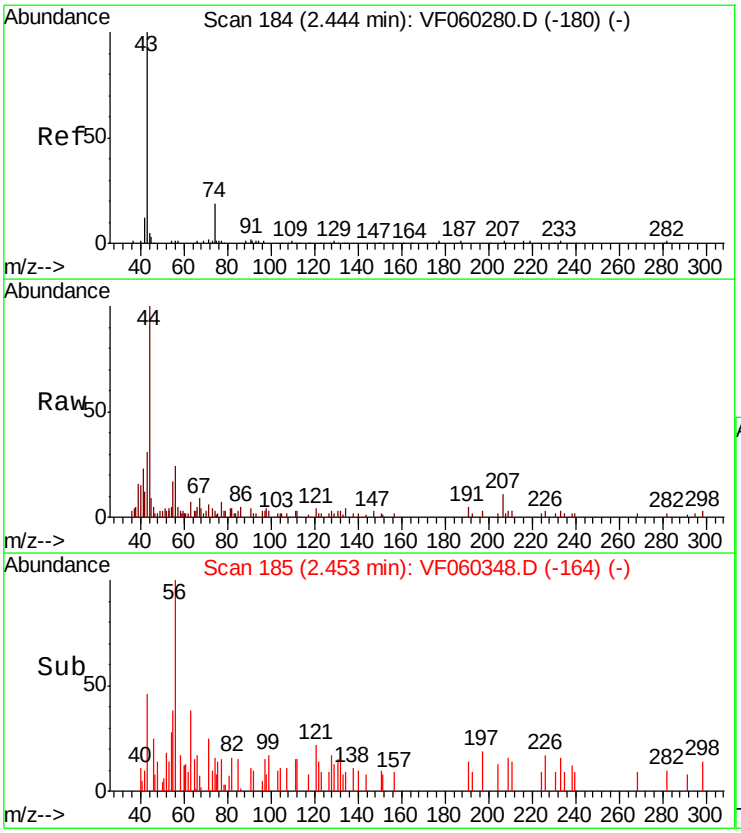
#17
Carbon Disulfide
Concen: Below Cal
RT: 1.84 min Scan# 123
Delta R.T. -0.04 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Instrument :
MSVOA_F
ClientSampleId :
VF0926SBL01

Tgt Ion: 76 Resp: 815

Ion	Ratio	Lower	Upper
76	100		
78	48.9	9.4	14.0#

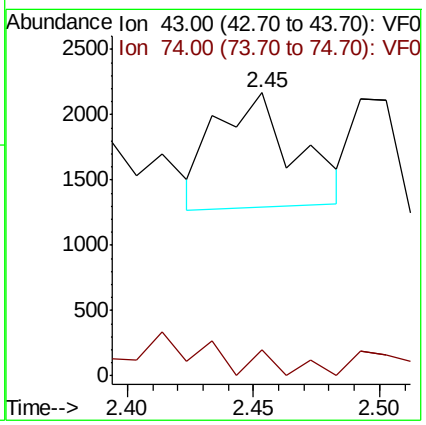


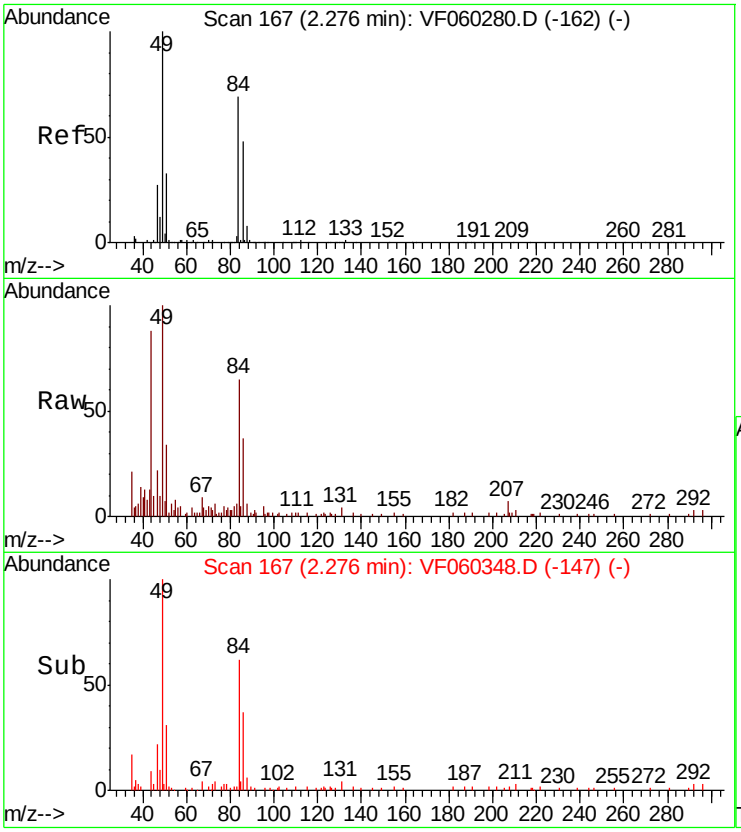


#18
Methyl Acetate
Concen: 1.104 ug/l
RT: 2.45 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Tgt Ion: 43 Resp: 1927

Ion	Ratio	Lower	Upper
43	100		
74	9.3	12.7	19.1#



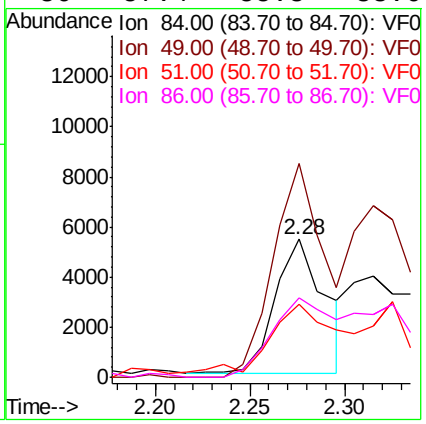


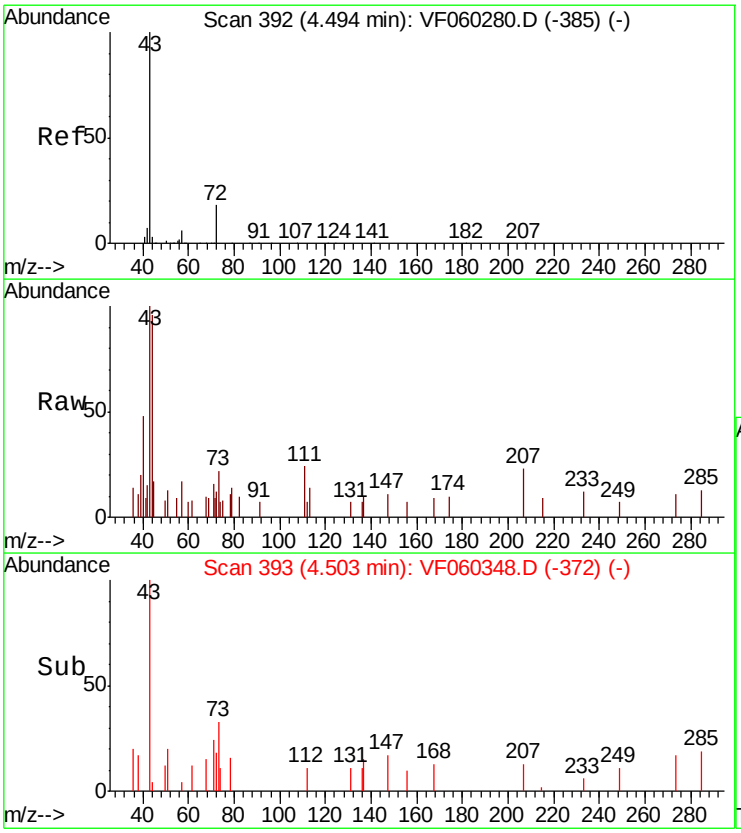
#20
Methylene Chloride
Concen: Below Cal
RT: 2.28 min Scan# 167
Delta R.T. -0.00 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Instrument : MSVOA_F
ClientSampleId : VF0926SBL01

Tgt Ion: 84 Resp: 9836

Ion	Ratio	Lower	Upper
84	100		
49	154.9	118.3	177.5
51	53.3	38.7	58.1
86	57.4	55.8	83.6

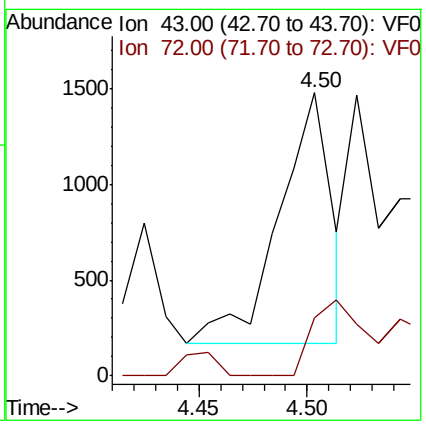


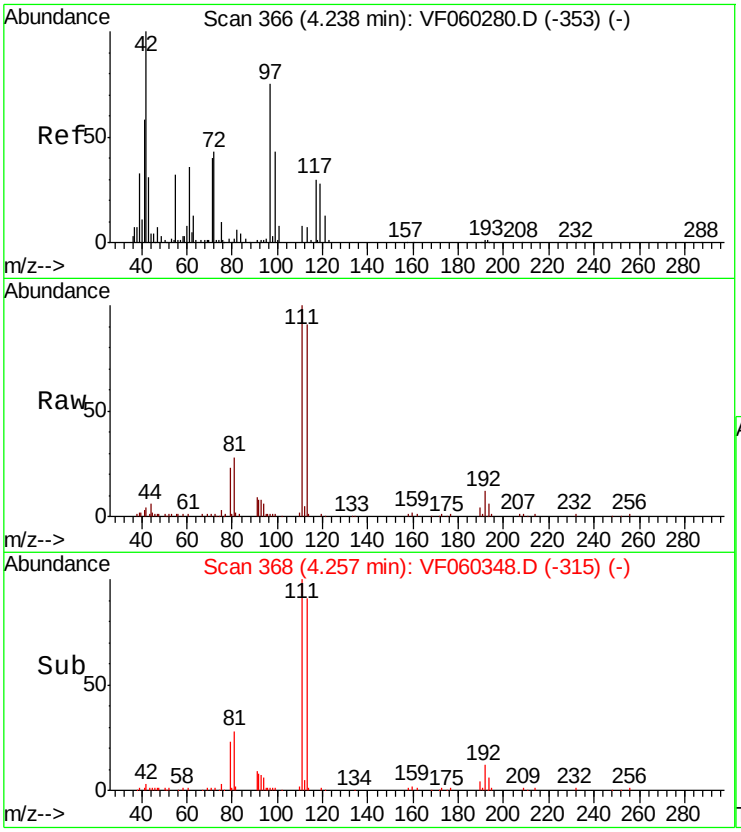


#25
2-Butanone
Concen: 1.562 ug/l
RT: 4.50 min Scan# 393
Delta R.T. 0.01 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Tgt Ion: 43 Resp: 2203

Ion	Ratio	Lower	Upper
43	100		
72	20.6	16.2	24.2



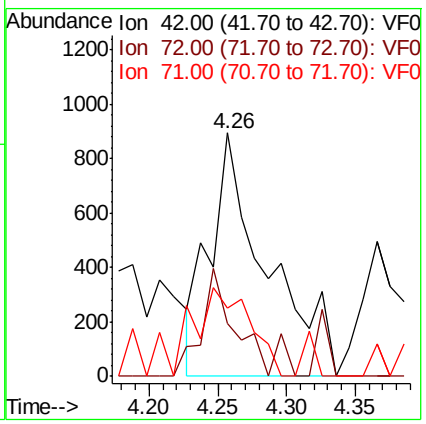


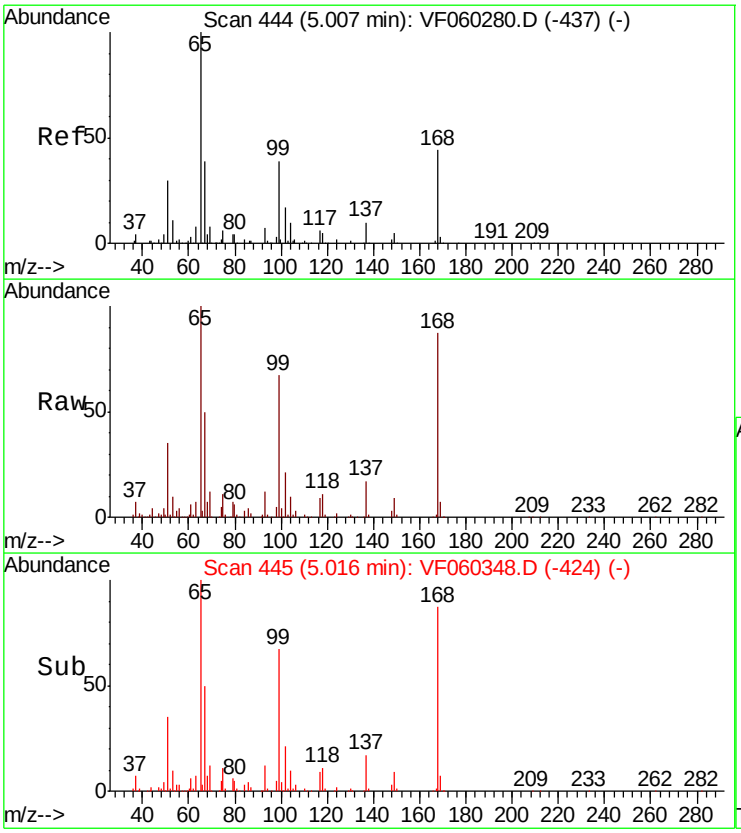
#29
Tetrahydrofuran
Concen: 4.940 ug/l
RT: 4.26 min Scan# 368
Delta R.T. 0.02 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Instrument :
MSVOA_F
ClientSampleId :
VF0926SBL01

Tgt Ion: 42 Resp: 2552

Ion	Ratio	Lower	Upper
42	100		
72	29.3	32.6	49.0#
71	39.4	32.7	49.1

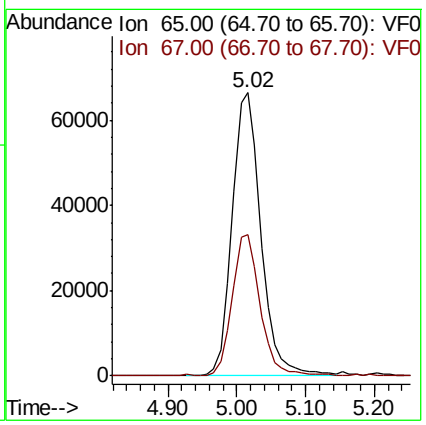


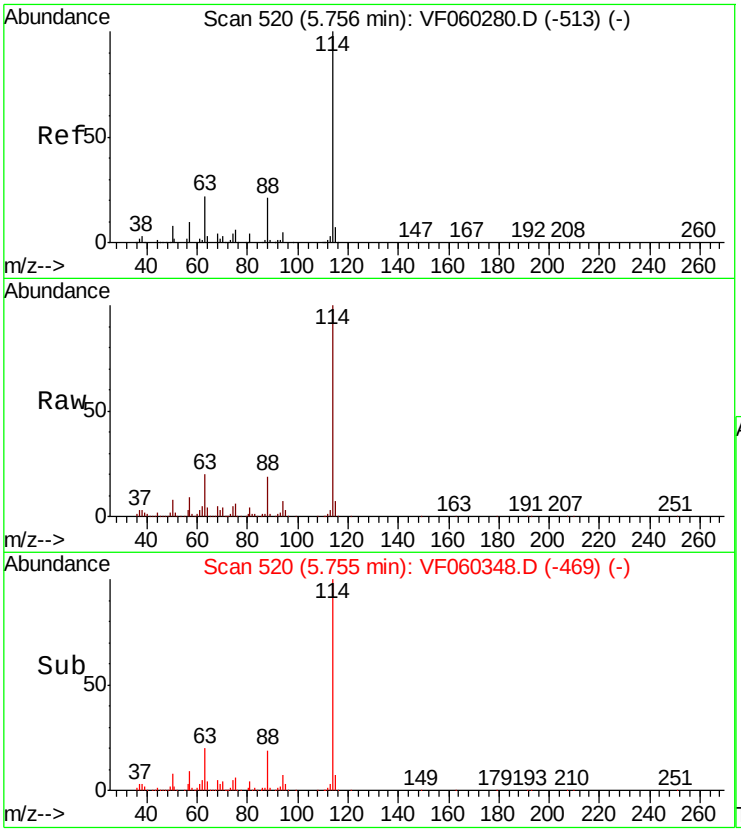


#33
1,2-Dichloroethane-d4
Concen: 51.545 ug/l
RT: 5.02 min Scan# 445
Delta R.T. 0.01 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Tgt Ion: 65 Resp: 191832

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	94.4



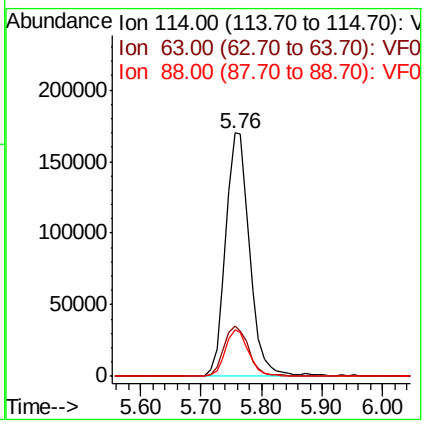


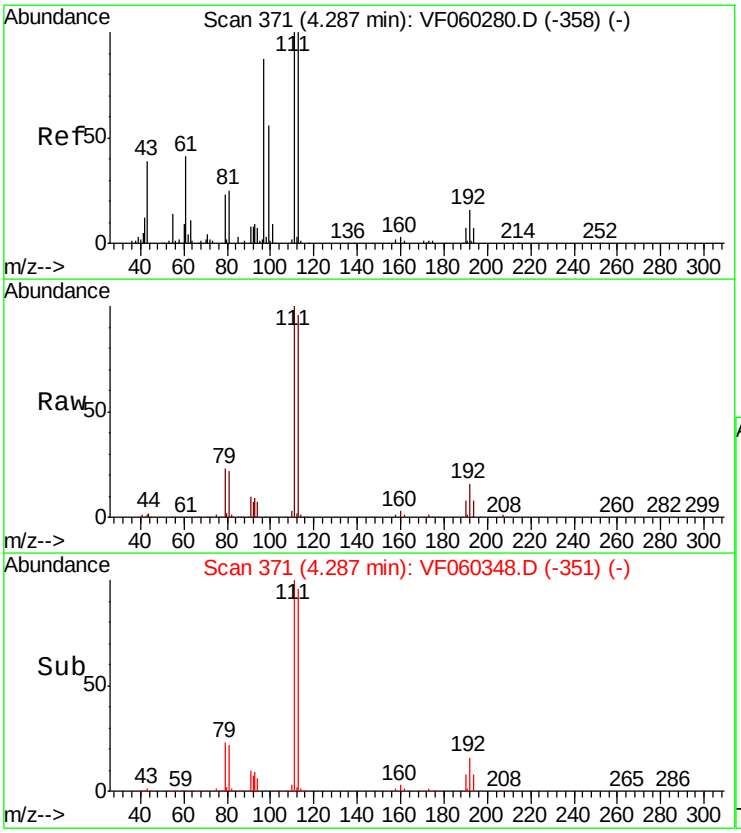
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 520
Delta R.T. -0.00 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Instrument :
MSVOA_F
ClientSampleId :
VF0926SBL01

Tgt Ion:114 Resp: 470037

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	43.8
88	19.0	0.0	41.2

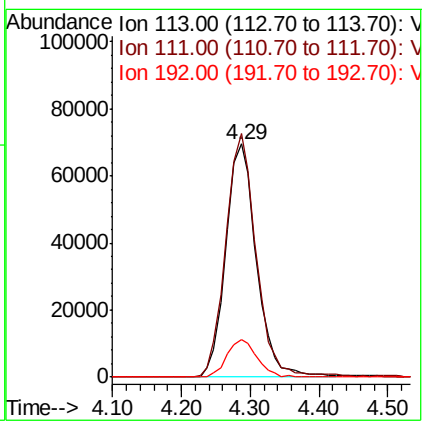


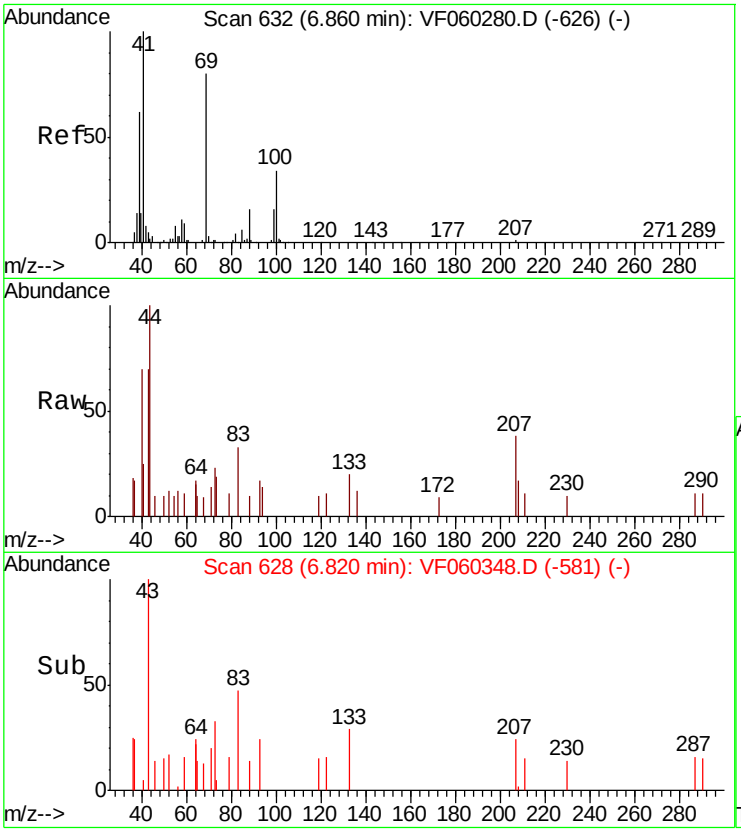


#35
Dibromofluoromethane
Concen: 51.235 ug/l
RT: 4.29 min Scan# 371
Delta R.T. -0.00 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Tgt Ion:113 Resp: 214676

Ion	Ratio	Lower	Upper
113	100		
111	104.5	79.6	119.4
192	16.2	13.0	19.6



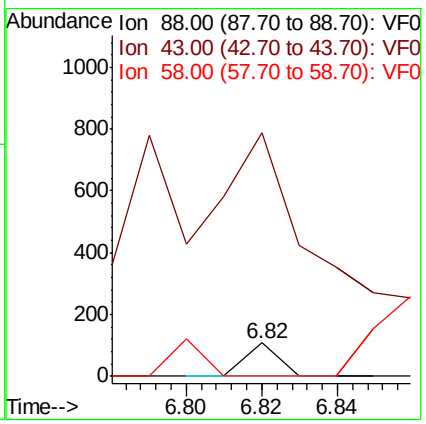


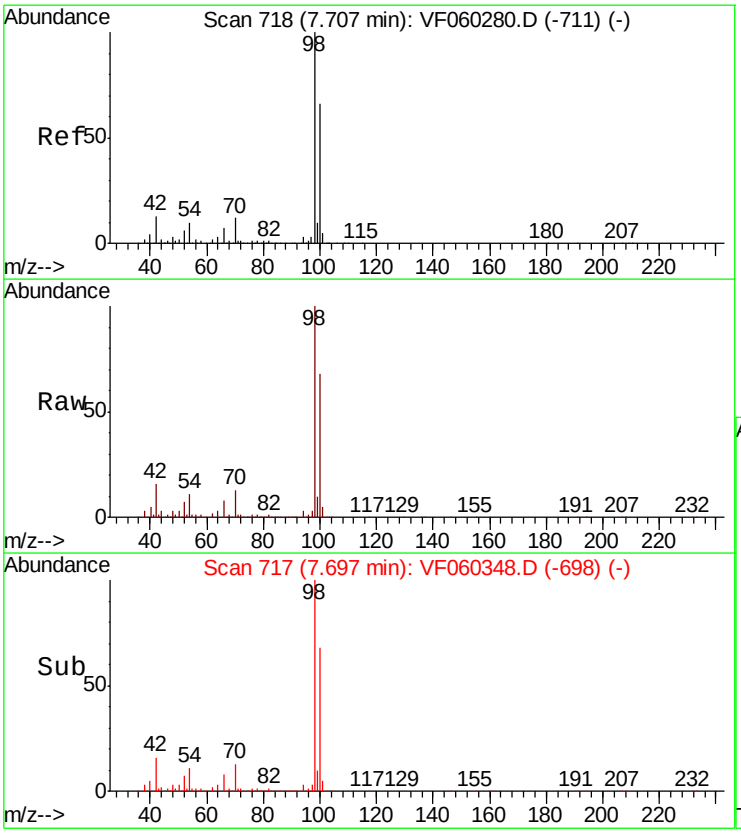
#49
1,4-Dioxane
Concen: 3.417 ug/l
RT: 6.82 min Scan# 628
Delta R.T. -0.04 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Instrument : MSVOA_F
ClientSampleId : VF0926SBL01

Tgt Ion: 88 Resp: 64

Ion	Ratio	Lower	Upper
88	100		
43	729.6	40.2	60.4#
58	0.0	56.7	85.1#

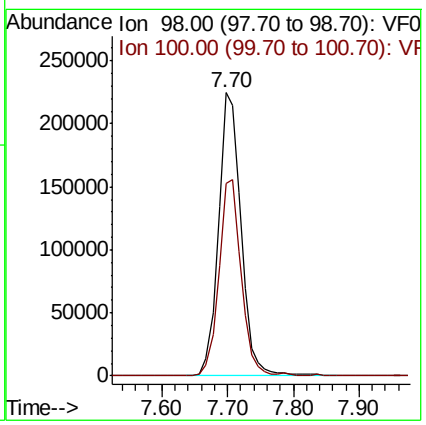


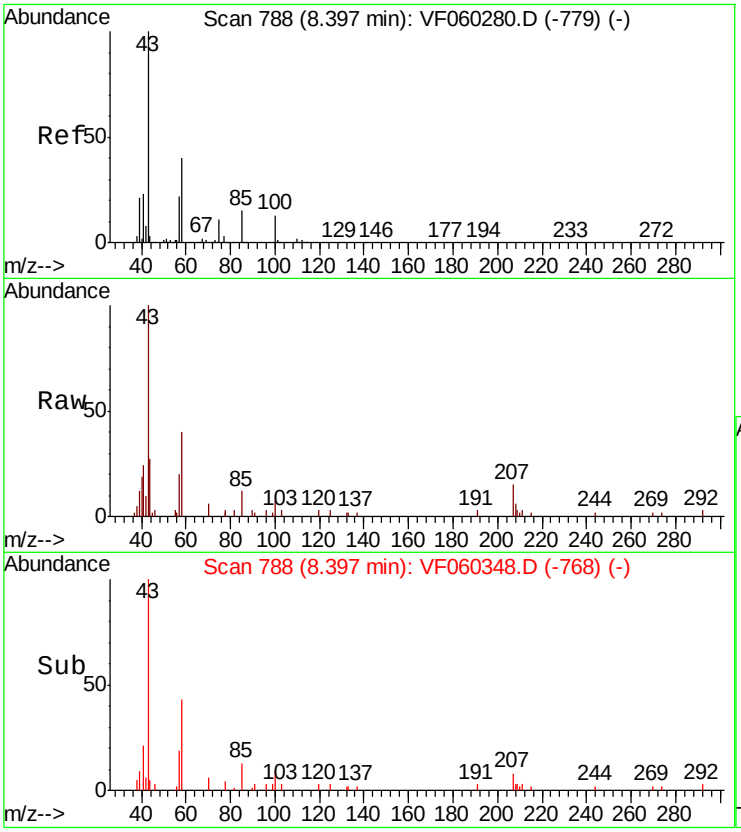


#50
Toluene-d8
Concen: 49.231 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.01 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Tgt Ion: 98 Resp: 537197

Ion	Ratio	Lower	Upper
98	100		
100	68.0	53.0	79.6



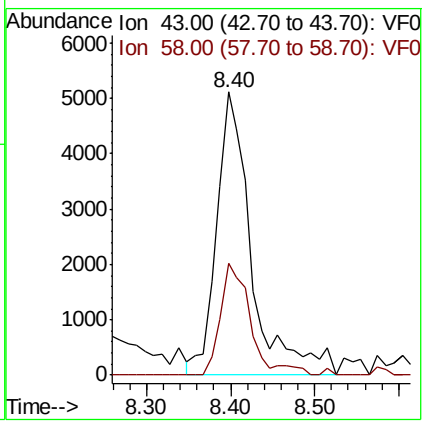


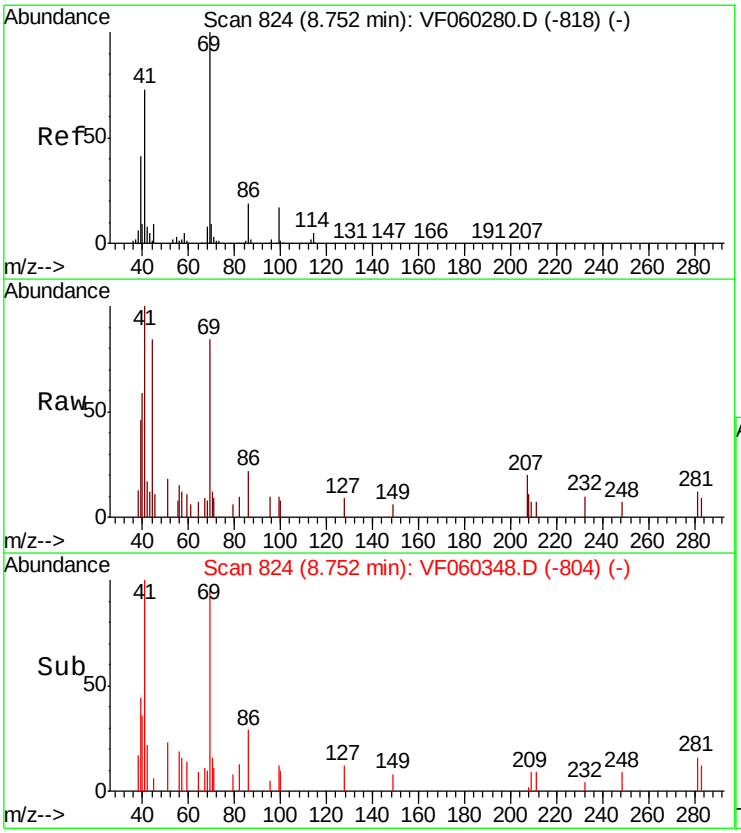
#51
4-Methyl-2-Pentanone
Concen: 6.387 ug/l
RT: 8.40 min Scan# 788
Delta R.T. -0.00 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Instrument : MSVOA_F
ClientSampleId : VF0926SBL01

Tgt Ion: 43 Resp: 14703

Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.8	47.8

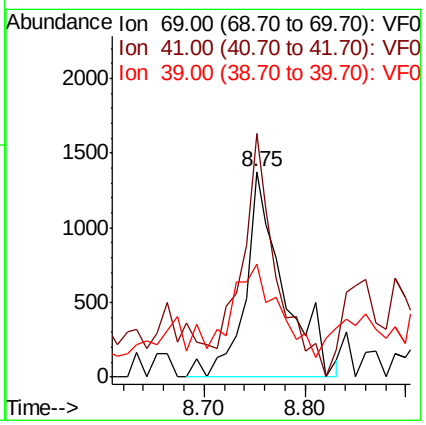


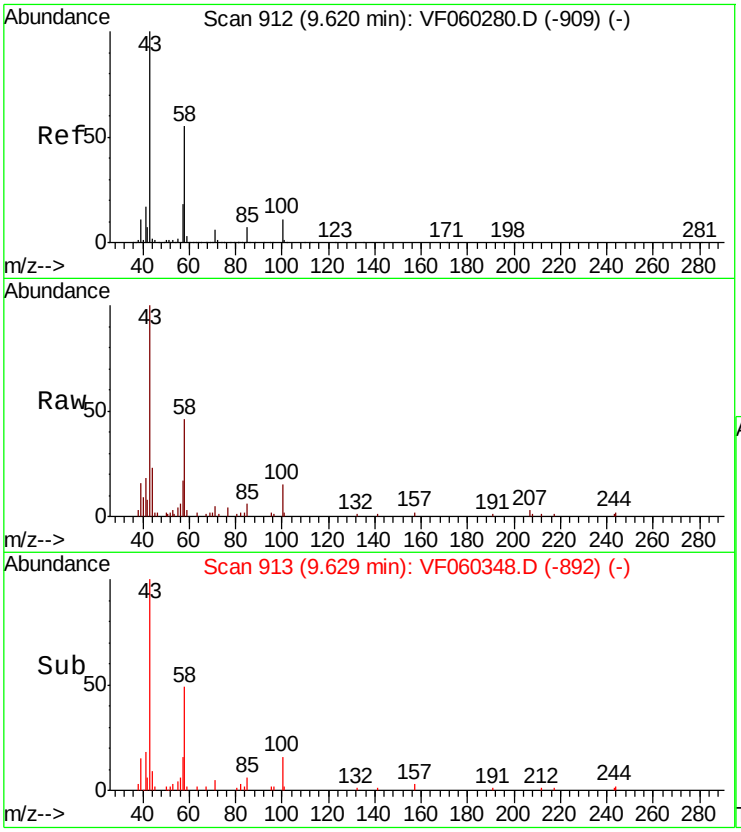


#56
Ethyl methacrylate
Concen: 1.176 ug/l
RT: 8.75 min Scan# 824
Delta R.T. -0.00 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Tgt Ion: 69 Resp: 3626

Ion	Ratio	Lower	Upper
69	100		
41	118.6	59.4	89.2#
39	54.8	33.5	50.3#



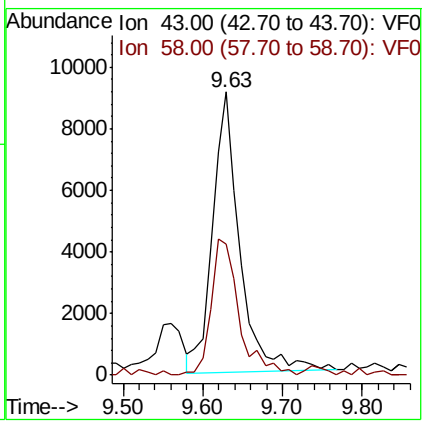


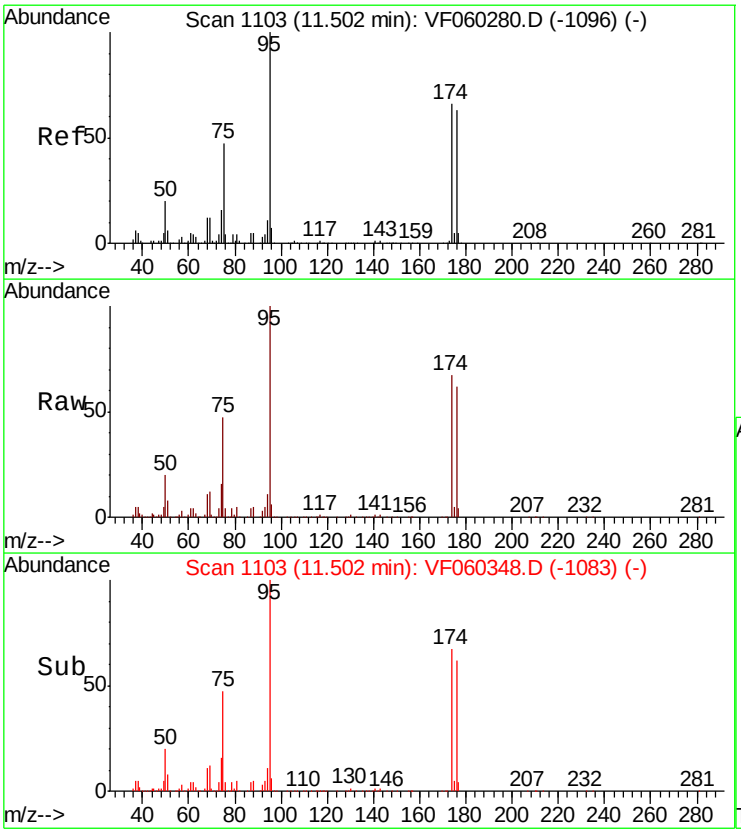
#59
2-Hexanone
Concen: 13.301 ug/l
RT: 9.63 min Scan# 913
Delta R.T. 0.01 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Instrument :
MSVOA_F
ClientSampleId :
VF0926SBL01

Tgt Ion: 43 Resp: 21800

Ion	Ratio	Lower	Upper
43	100		
58	46.3	25.9	77.6

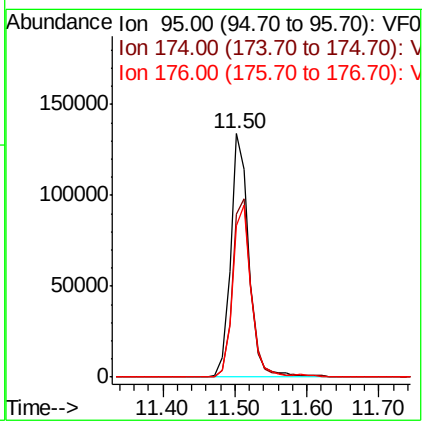


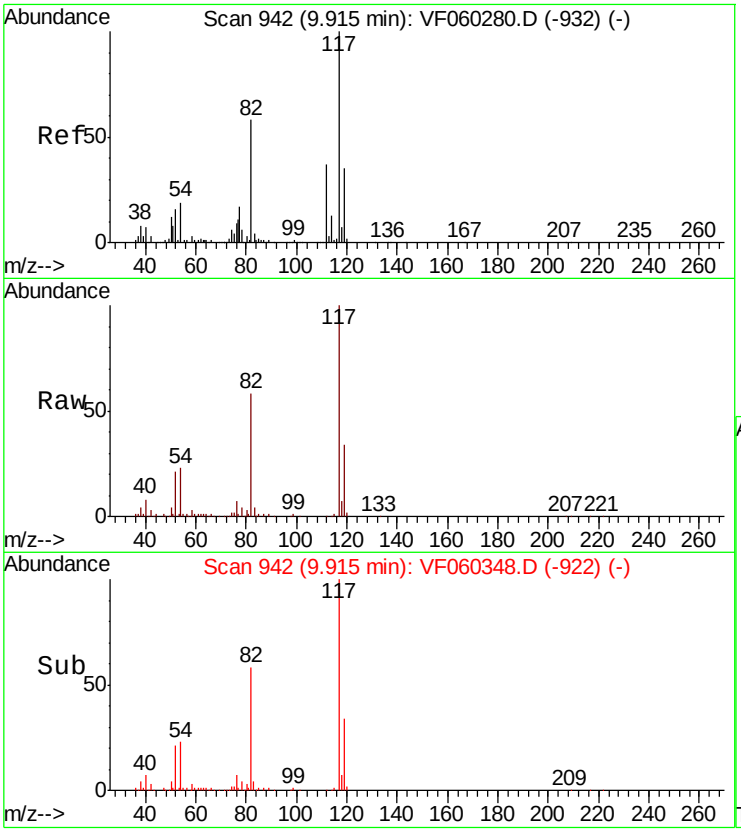


#62
4-Bromofluorobenzene
Concen: 50.281 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Tgt Ion: 95 Resp: 237168

Ion	Ratio	Lower	Upper
95	100		
174	66.7	0.0	131.2
176	62.0	0.0	126.6



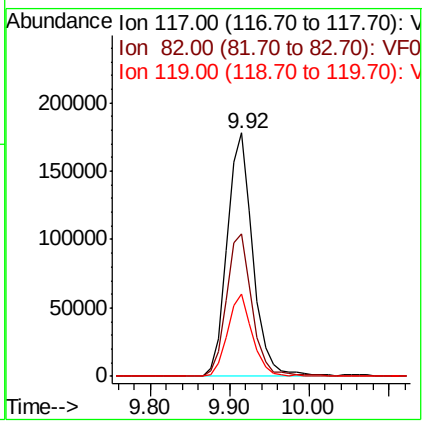


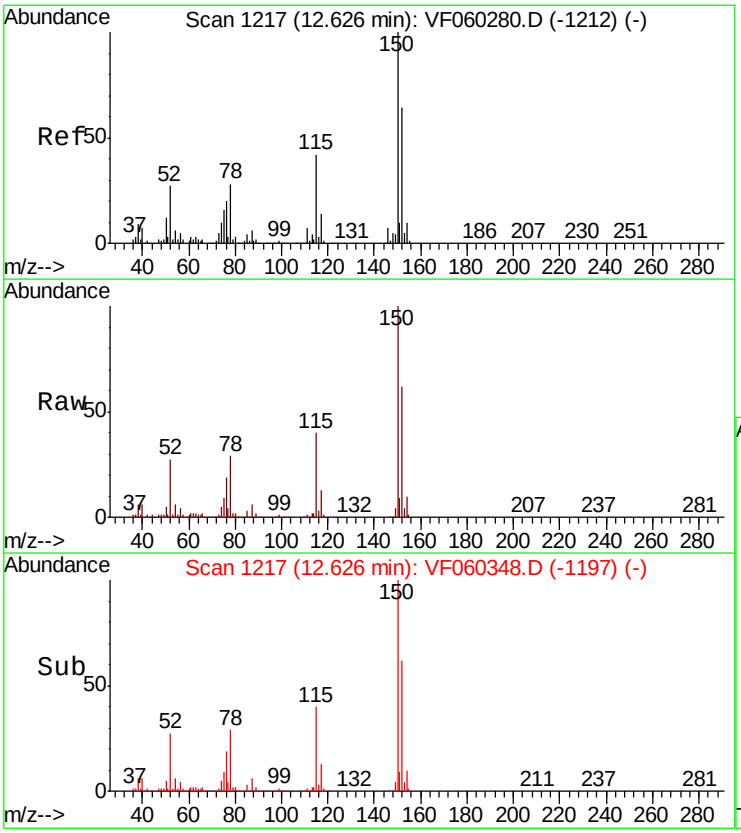
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 942
Delta R.T. -0.00 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Instrument :
MSVOA_F
ClientSampleId :
VF0926SBL01

Tgt Ion:117 Resp: 403412

Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.2	69.2
119	33.7	27.8	41.6

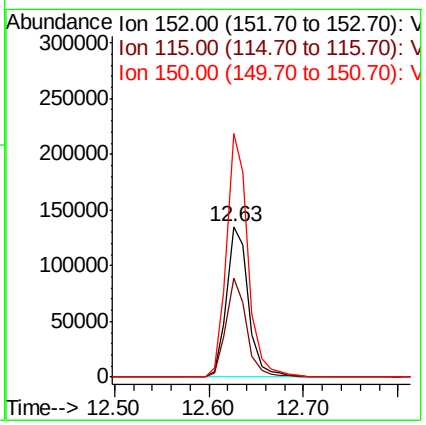


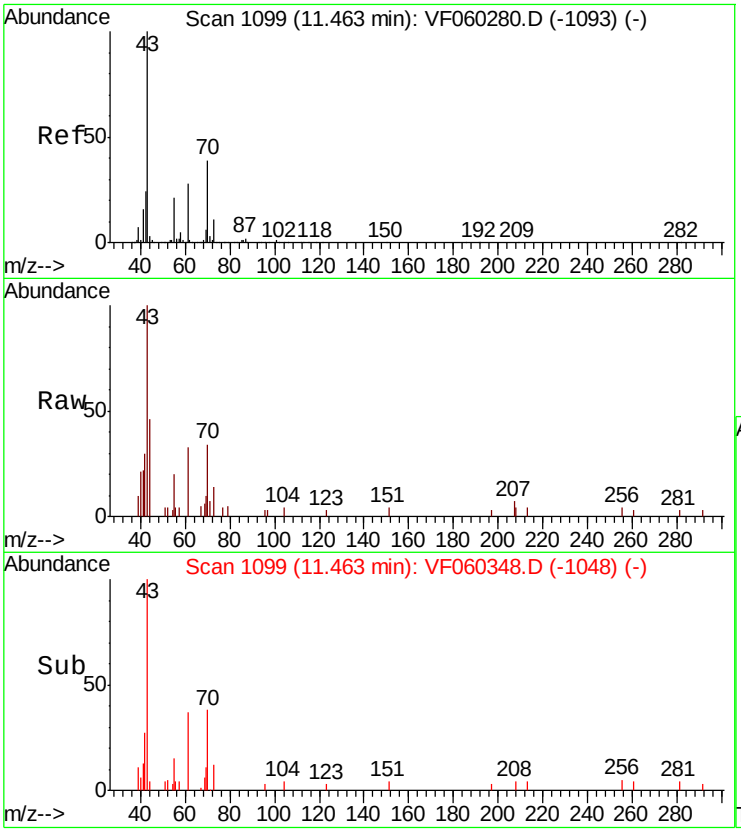


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Tgt Ion:152 Resp: 216903

Ion	Ratio	Lower	Upper
152	100		
115	65.6	32.6	97.8
150	162.2	0.0	314.2



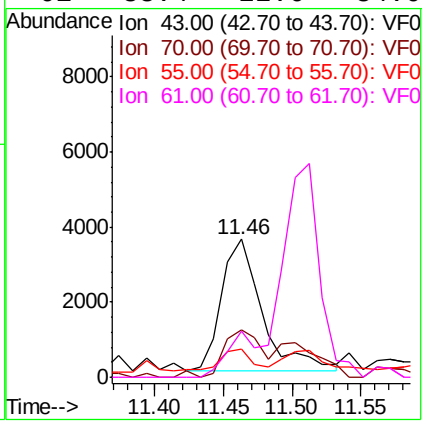


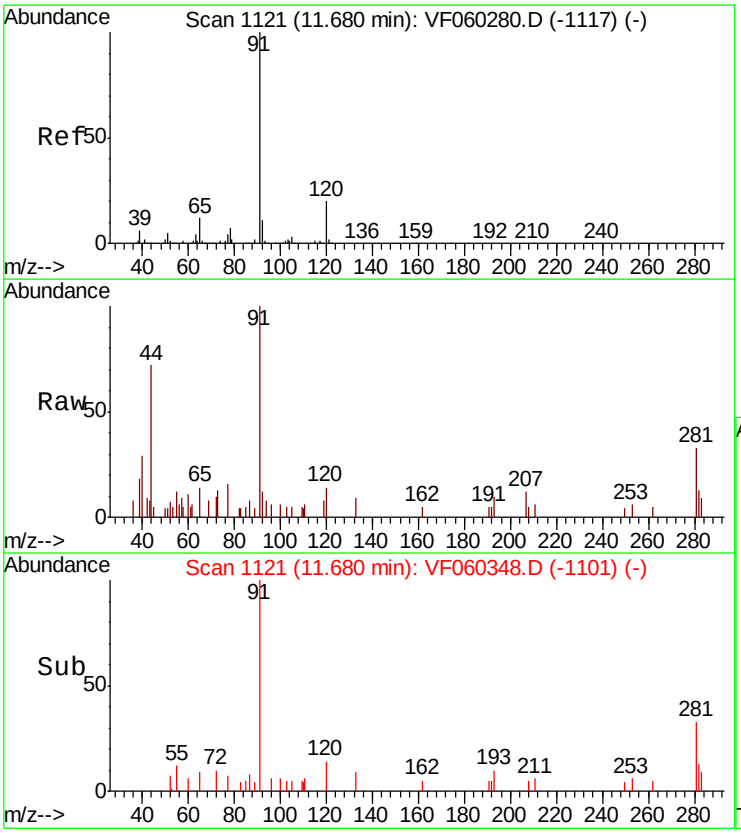
#74
N-amyl acetate
Concen: 1.743 ug/l
RT: 11.46 min Scan# 1099
Delta R.T. -0.00 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Instrument : MSVOA_F
ClientSampleId : VF0926SBL01

Tgt Ion: 43 Resp: 7238

Ion	Ratio	Lower	Upper
43	100		
70	34.2	31.4	47.2
55	24.0	16.8	25.2
61	33.4	22.6	34.0

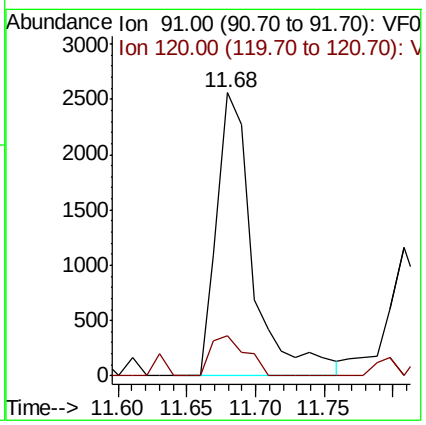


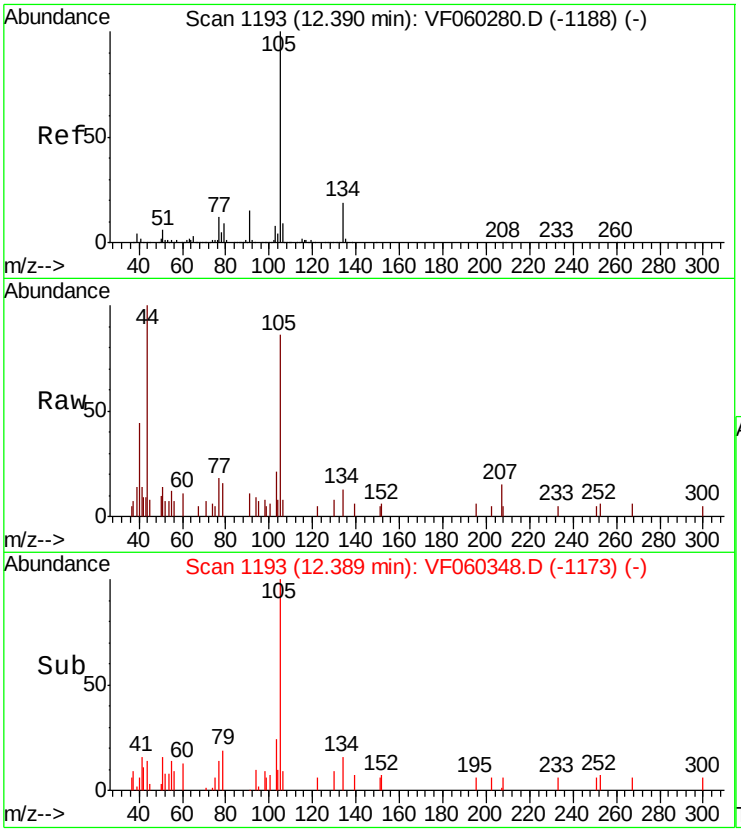


#78
n-propylbenzene
Concen: Below Cal
RT: 11.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Tgt Ion: 91 Resp: 4683

Ion	Ratio	Lower	Upper
91	100		
120	14.0	10.0	29.8



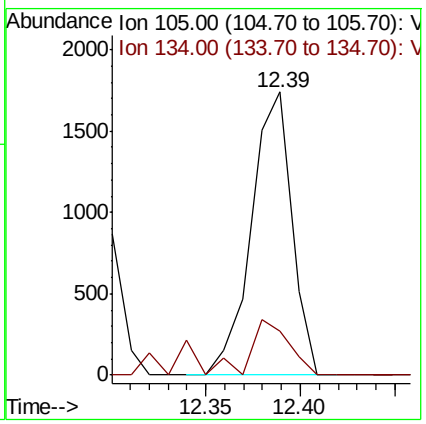


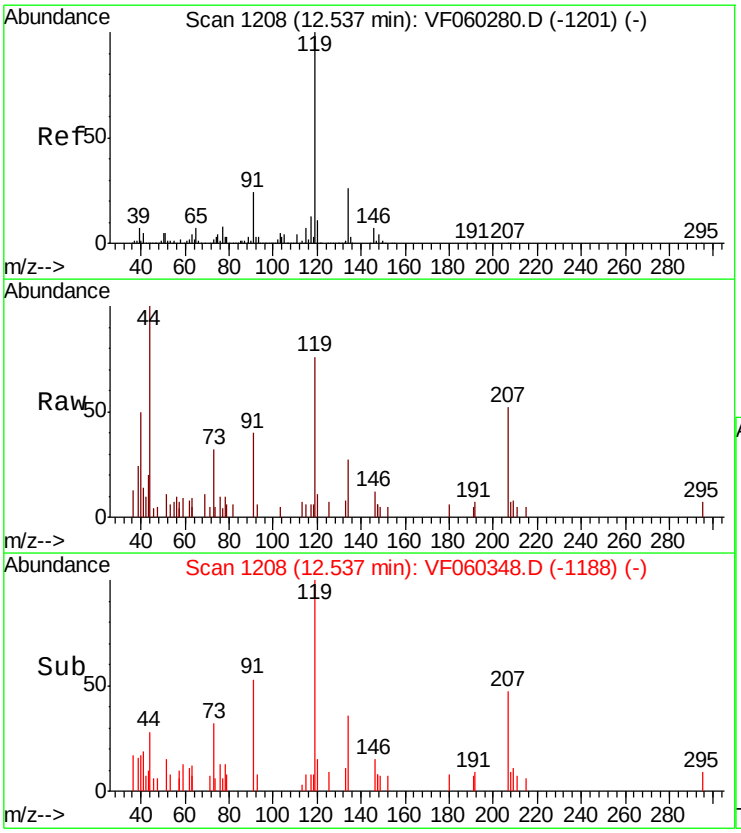
#85
sec-Butylbenzene
Concen: Below Cal
RT: 12.39 min Scan# 1193
Delta R.T. 0.00 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Instrument : MSVOA_F
ClientSampleId : VF0926SBL01

Tgt Ion:105 Resp: 2588

Ion	Ratio	Lower	Upper
105	100		
134	15.7	9.6	28.6





#86
p-Isopropyltoluene
Concen: Below Cal
RT: 12.54 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VF060348.D
Acq: 26 Sep 2018 13:25

Tgt Ion:119 Resp: 3475

Ion	Ratio	Lower	Upper
119	100		
134	36.1	12.9	38.7
91	53.2	11.9	35.7#