Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF092818\
Data File : VF060369.D
Acq On : 28 Sep 2018 16:05
Operator : VA/AP
Sample : VF0928SBL01
Misc : 5.00/5mL/MSVOA_F/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0928SBL01

Quant Time: Sep 29 00:15:43 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	5.03	168	214703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	367197	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	316468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	193738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	166985	57.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.52%			
35) Dibromofluoromethane	4.28	113	176954	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.12%			
50) Toluene-d8	7.70	98	402778	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.50%			
62) 4-Bromofluorobenzene	11.50	95	190790	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.01	85	772	Below Cal	#	40
5) Bromomethane	1.29	94	477	Below Cal		89
11) Tert butyl alcohol	2.67	59	1054	Below Cal	#	1
13) Acrolein	2.01	56	1363	Below Cal		95
15) Acrylonitrile	3.02	53	648	1.587	ug/l	86
16) Acetone	2.34	43	9375	11.515	ug/l	99
17) Carbon Disulfide	1.88	76	376	Below Cal	#	1
18) Methyl Acetate	2.53	43	2142	1.579	ug/l	96
20) Methylene Chloride	2.28	84	6434	Below Cal	#	82
25) 2-Butanone	4.50	43	4261	3.888	ug/l	94
29) Tetrahydrofuran	4.24	42	1386	3.454	ug/l #	57
43) Isopropyl Acetate	7.12	43	3260	1.397	ug/l #	89
49) 1,4-Dioxane	6.87	88	102	6.971	ug/l #	1
51) 4-Methyl-2-Pentanone	8.39	43	9569	5.321	ug/l #	72
59) 2-Hexanone	9.62	43	15156	11.837	ug/l	89
74) N-amyl acetate	11.45	43	5936	1.601	ug/l #	90
78) n-propylbenzene	11.68	91	3343	Below Cal		97
85) sec-Butylbenzene	12.38	105	2473	Below Cal		93
86) p-Isopropyltoluene	12.53	119	2399	Below Cal		83
89) n-Butylbenzene	12.90	91	2359	Below Cal		76

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060369.D
Acq On : 28 Sep 2018 16:05
Operator : VA/AP
Sample : VF0928SBL01
Misc : 5.00/5mL/MSVOA F/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0928SBL01

Quant Time: Sep 29 00:15:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
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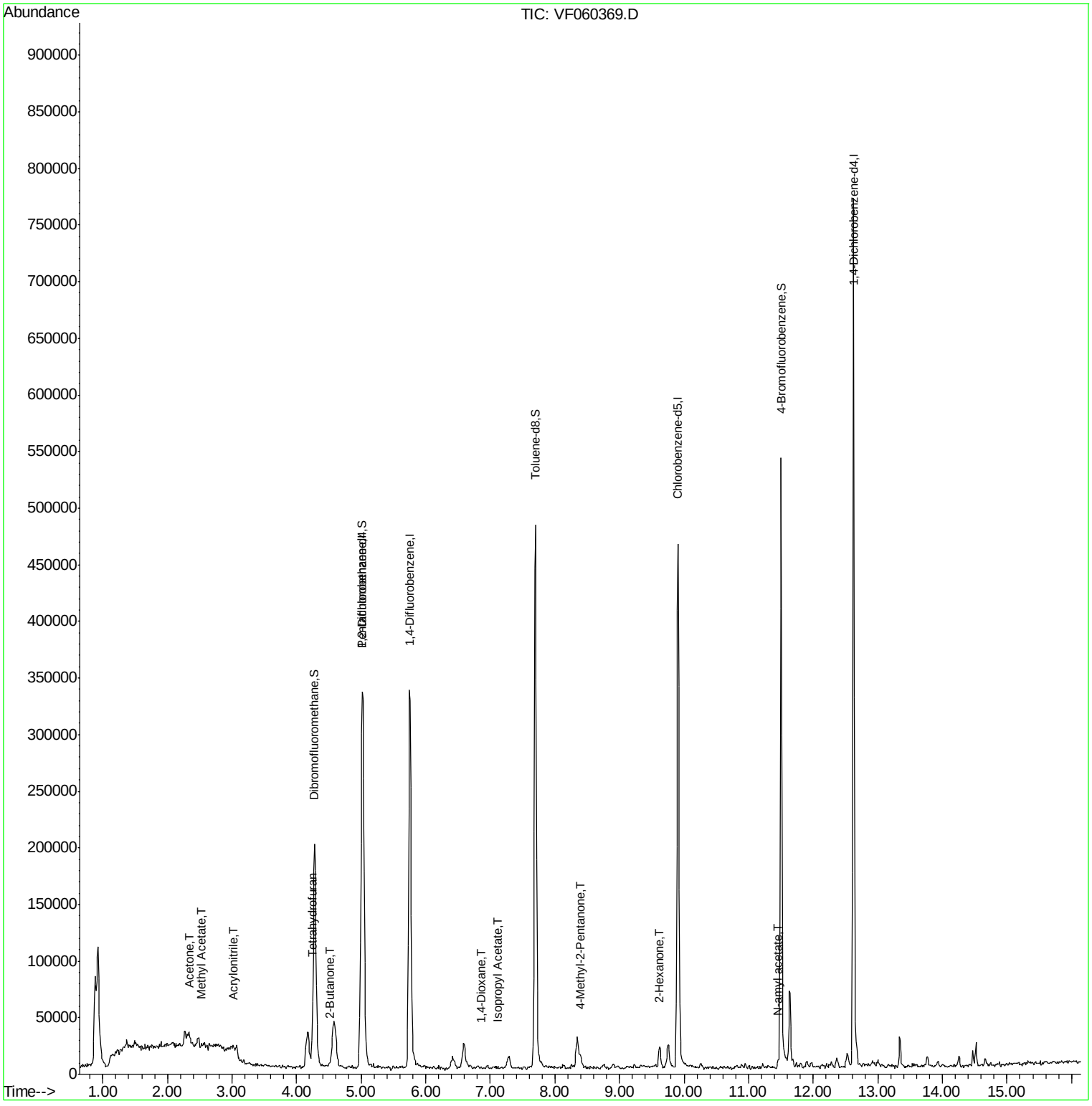
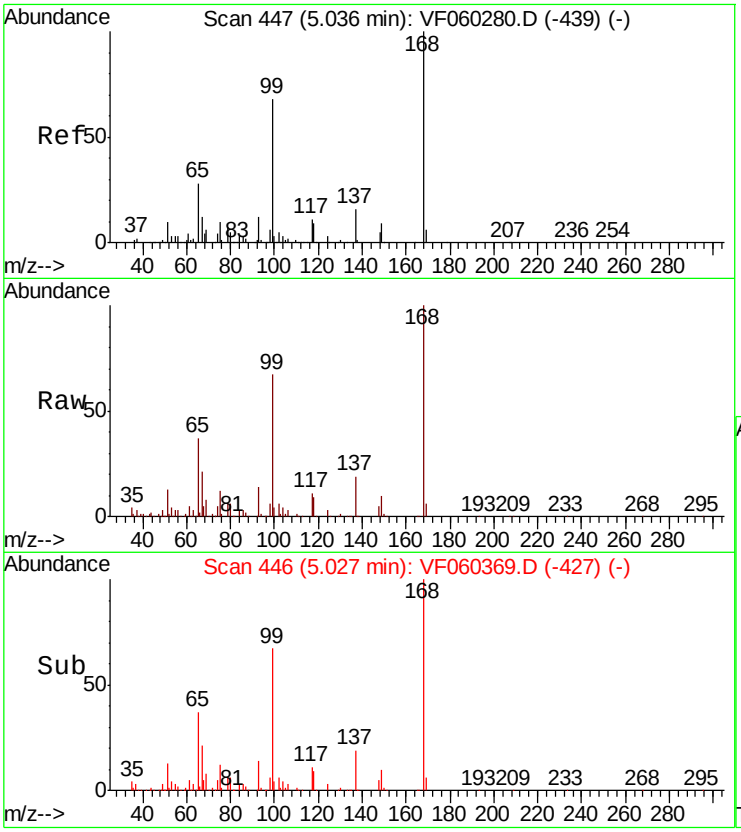
Response via : Initial Calibration



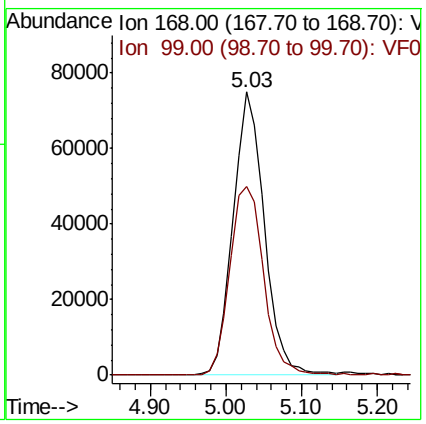


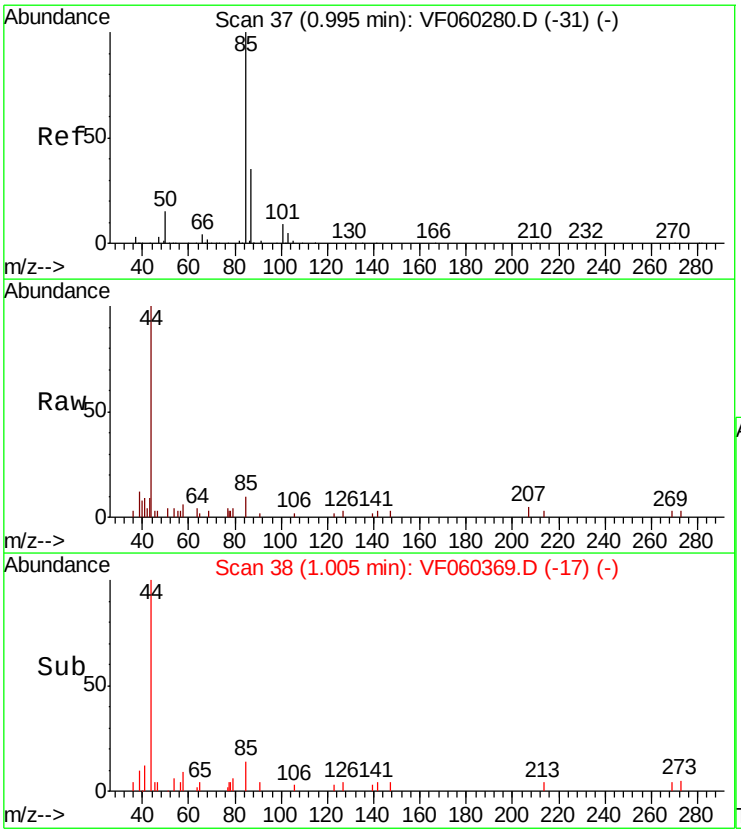
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 446
Delta R.T. -0.01 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBL01

Tgt Ion:168 Resp: 214703

Ion	Ratio	Lower	Upper
168	100		
99	66.8	54.8	82.2

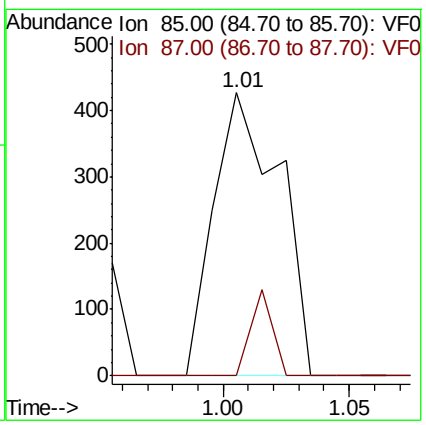


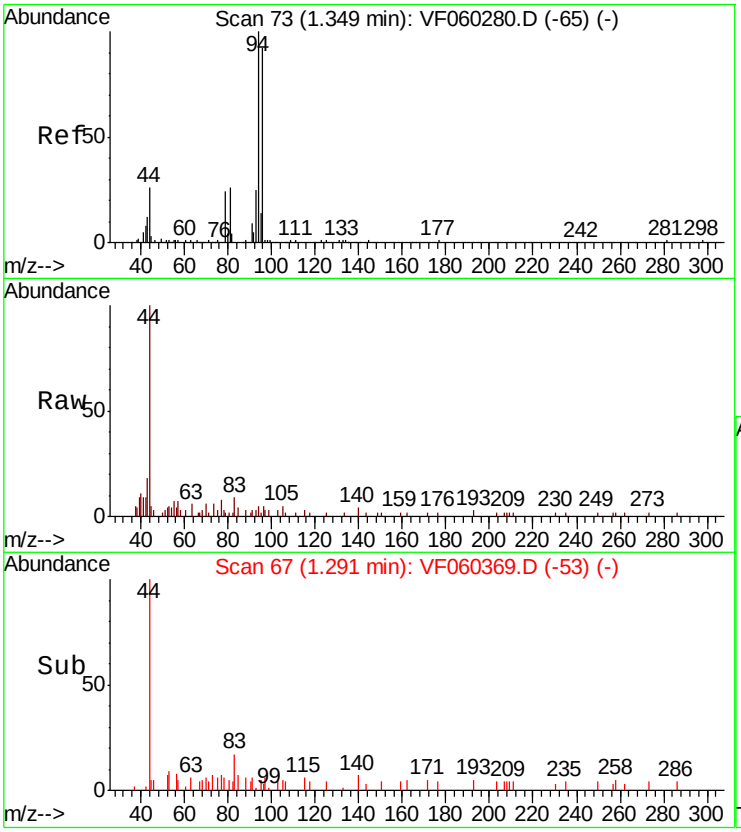


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.01 min Scan# 38
Delta R.T. 0.01 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Tgt Ion: 85 Resp: 772

Ion	Ratio	Lower	Upper
85	100		
87	0.0	17.3	52.0#



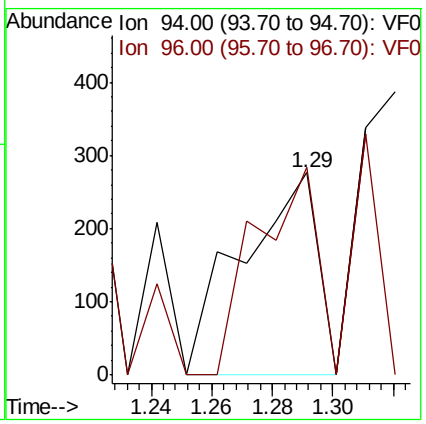


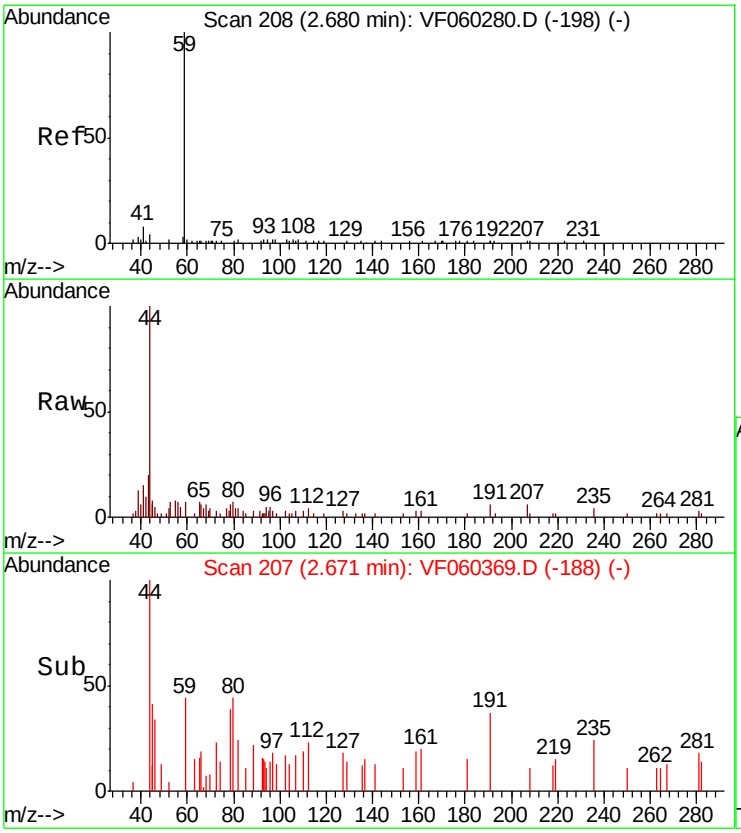
#5
Bromomethane
Concen: Below Cal
RT: 1.29 min Scan# 67
Delta R.T. -0.06 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBL01

Tgt Ion: 94 Resp: 477

Ion	Ratio	Lower	Upper
94	100		
96	102.5	73.9	110.9

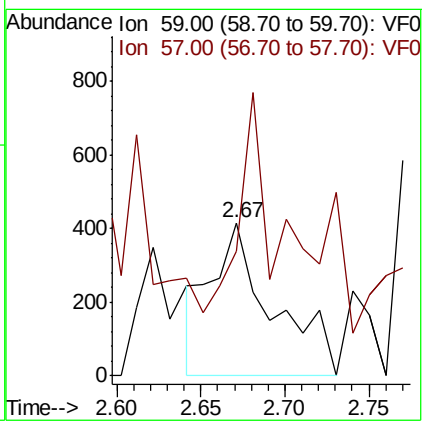


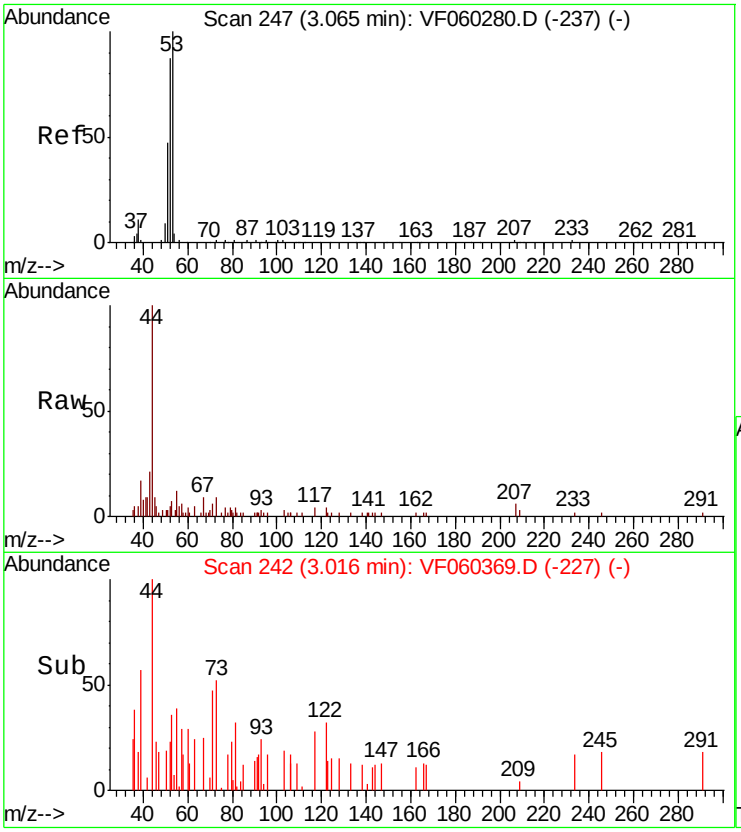


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.67 min Scan# 207
Delta R.T. -0.01 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Tgt Ion: 59 Resp: 1054

Ion	Ratio	Lower	Upper
59	100		
57	81.3	12.4	18.6#



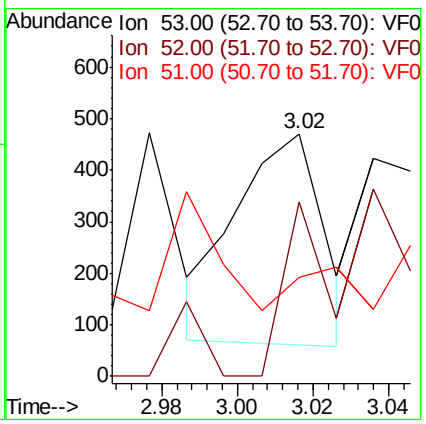


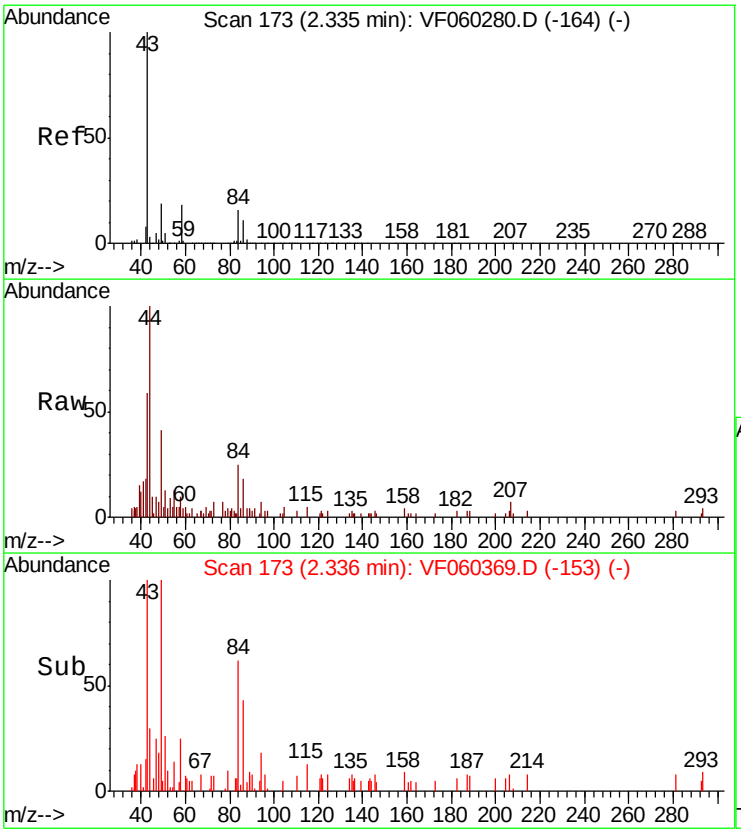
#15
Acrylonitrile
Concen: 1.587 ug/l
RT: 3.02 min Scan# 242
Delta R.T. -0.05 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Instrument : MSVOA_F
ClientSampleId : VF0928SBL01

Tgt Ion: 53 Resp: 648

Ion	Ratio	Lower	Upper
53	100		
52	71.8	69.5	104.3
51	41.0	38.1	57.1

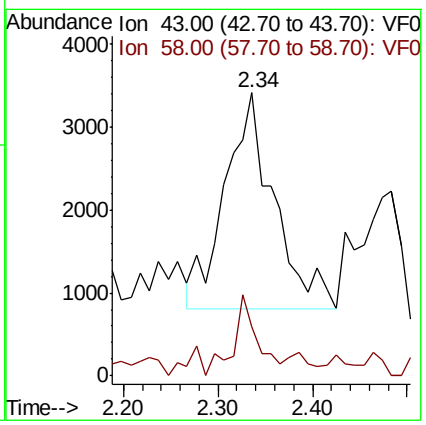


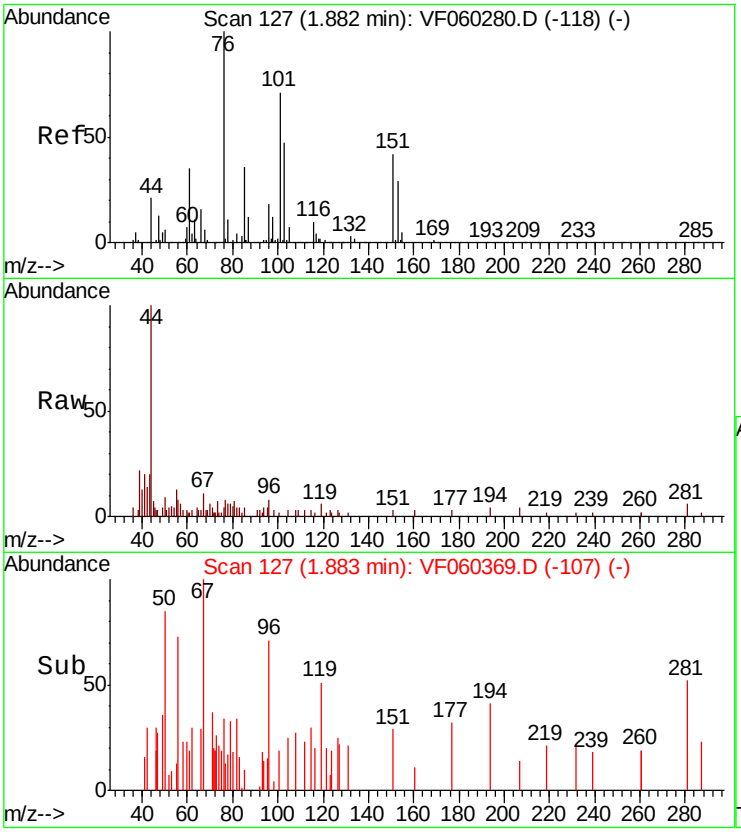


#16
Acetone
Concen: 11.515 ug/l
RT: 2.34 min Scan# 173
Delta R.T. 0.00 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Tgt Ion: 43 Resp: 9375

Ion	Ratio	Lower	Upper
43	100		
58	17.5	14.5	21.7



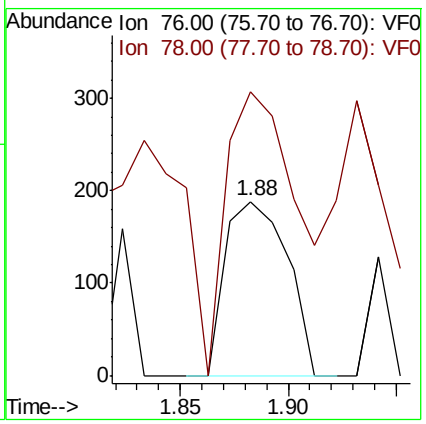


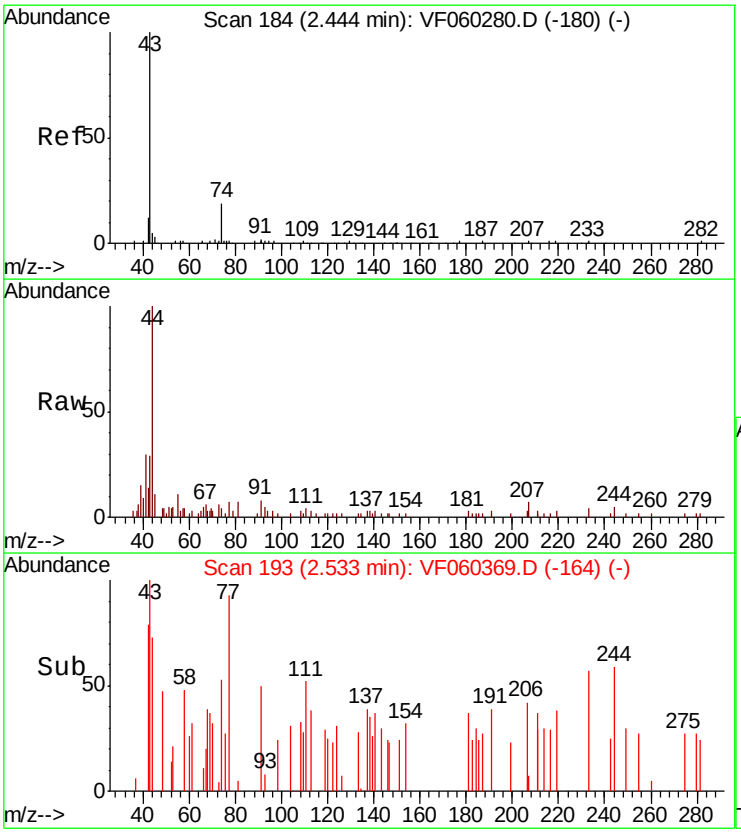
#17
Carbon Disulfide
Concen: Below Cal
RT: 1.88 min Scan# 127
Delta R.T. 0.00 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBL01

Tgt Ion: 76 Resp: 376

Ion	Ratio	Lower	Upper
76	100		
78	163.3	9.4	14.0#

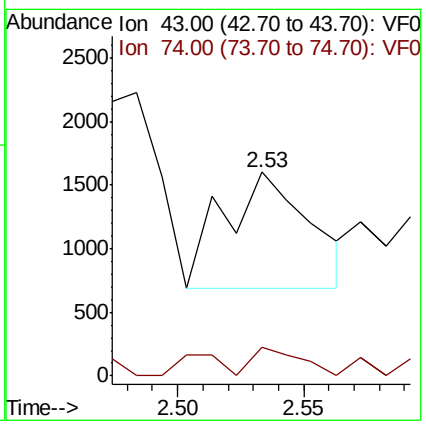


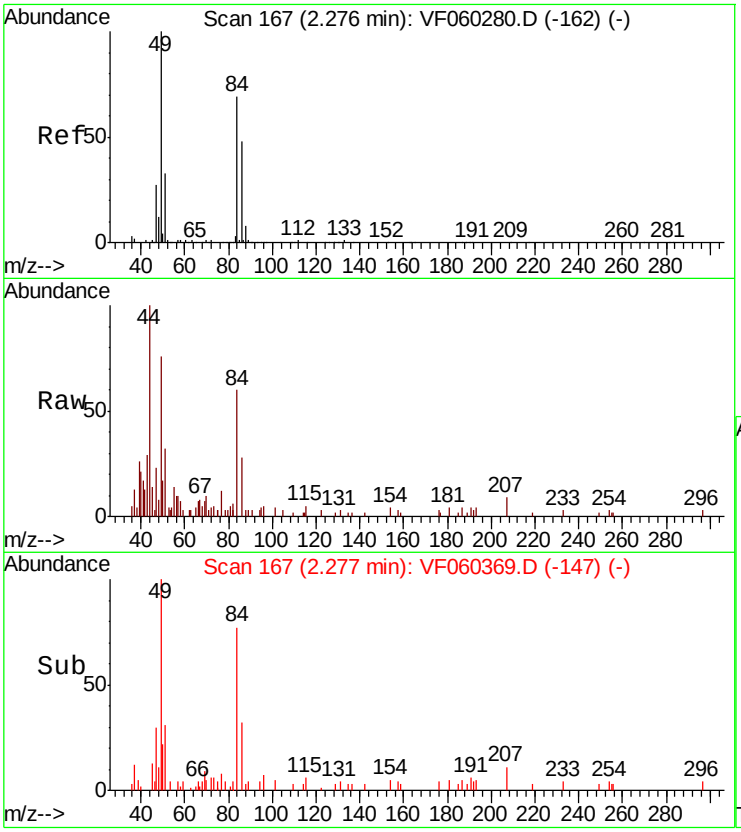


#18
Methyl Acetate
Concen: 1.579 ug/l
RT: 2.53 min Scan# 193
Delta R.T. 0.09 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Tgt Ion: 43 Resp: 2142

Ion	Ratio	Lower	Upper
43	100		
74	14.2	12.7	19.1



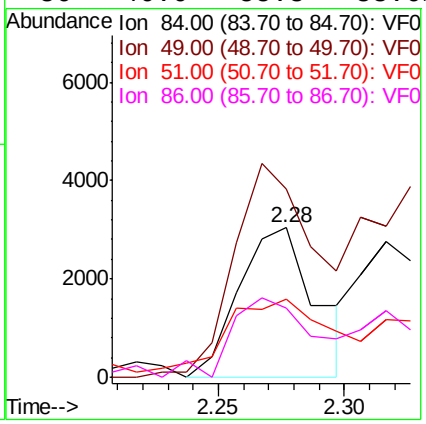


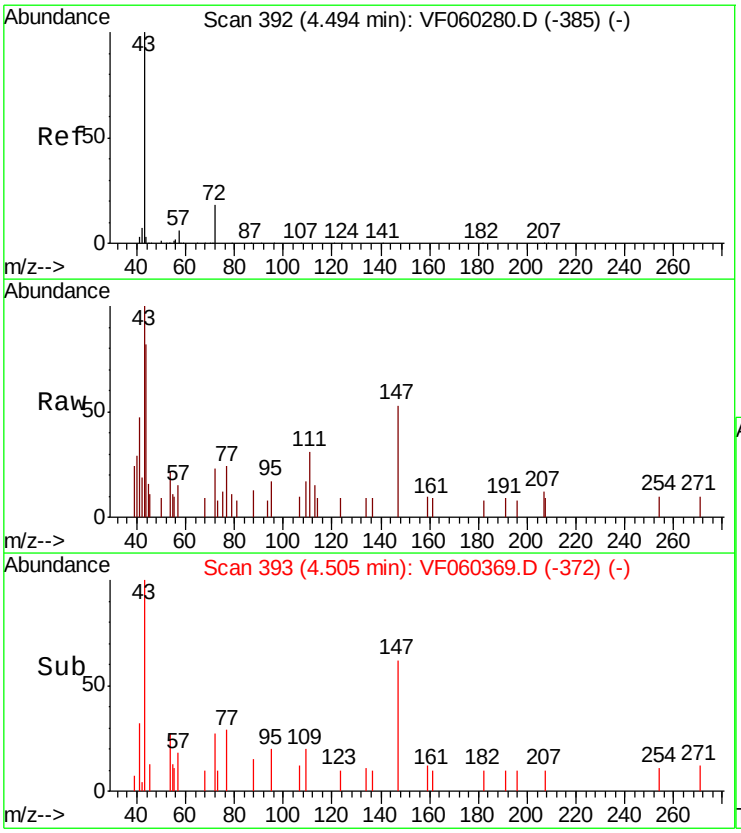
#20
Methylene Chloride
Concen: Below Cal
RT: 2.28 min Scan# 167
Delta R.T. 0.00 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Instrument : MSVOA_F
ClientSampleId : VF0928SBL01

Tgt Ion: 84 Resp: 6434

Ion	Ratio	Lower	Upper
84	100		
49	126.2	118.3	177.5
51	52.3	38.7	58.1
86	46.0	55.8	83.6#

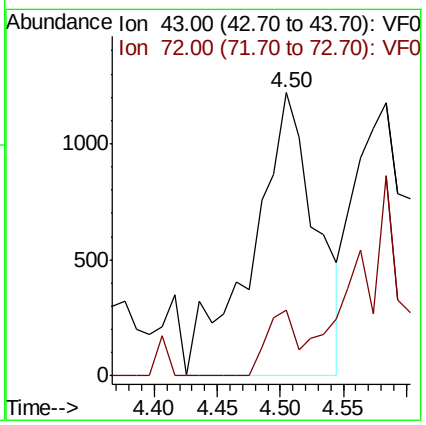


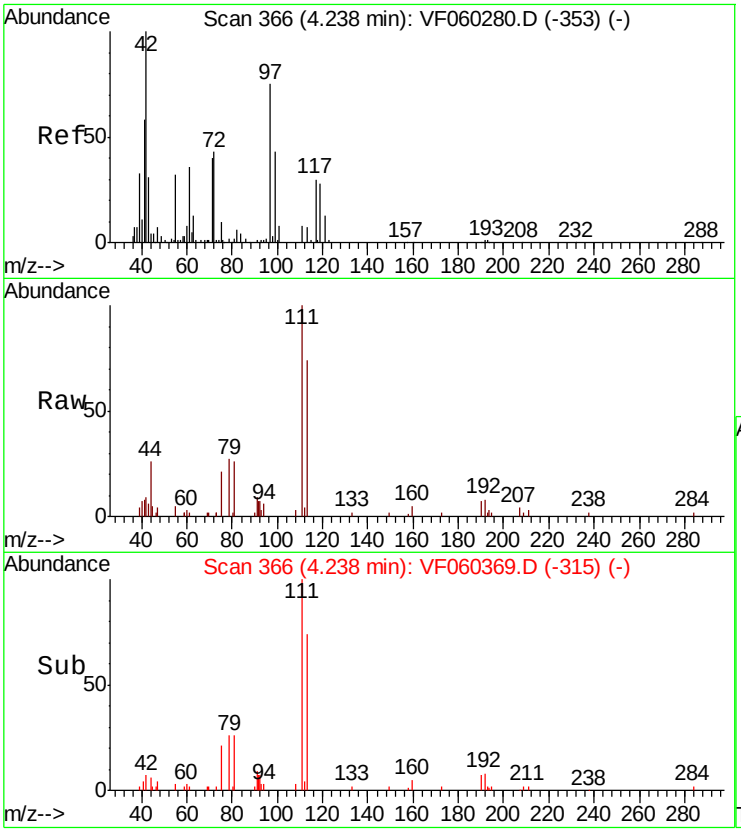


#25
2-Butanone
Concen: 3.888 ug/l
RT: 4.50 min Scan# 393
Delta R.T. 0.01 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Tgt Ion: 43 Resp: 4261

Ion	Ratio	Lower	Upper
43	100		
72	23.1	16.2	24.2



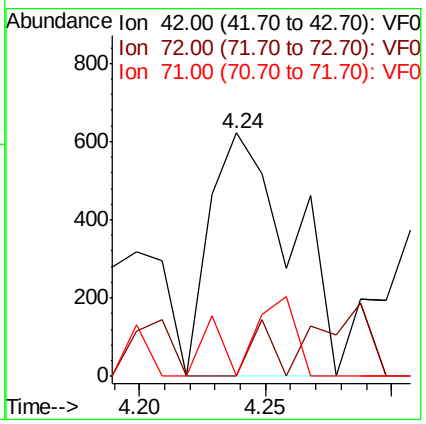


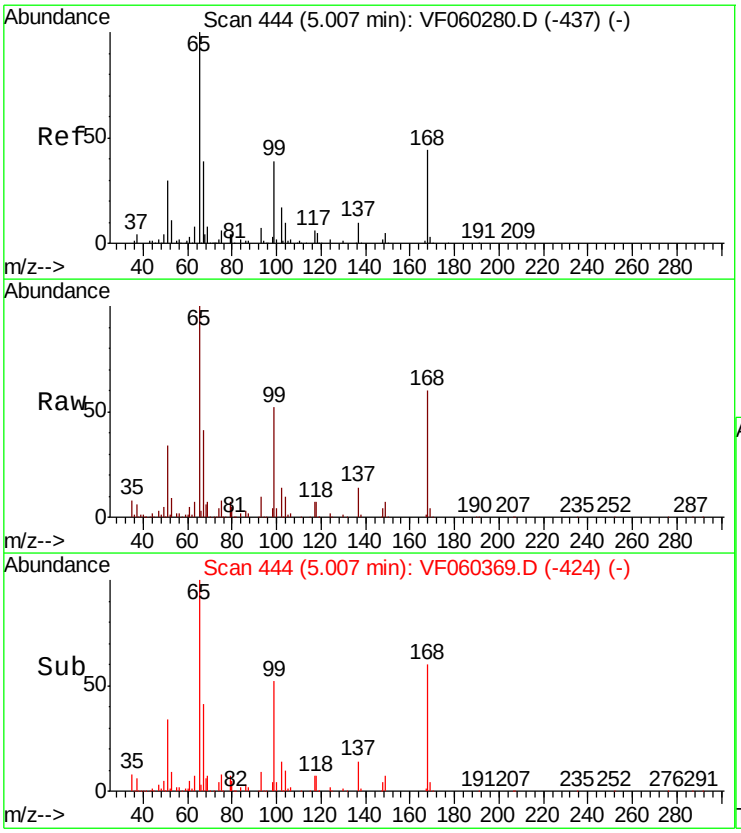
#29
Tetrahydrofuran
Concen: 3.454 ug/l
RT: 4.24 min Scan# 366
Delta R.T. 0.00 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBL01

Tgt Ion: 42 Resp: 1386

Ion	Ratio	Lower	Upper
42	100		
72	6.2	32.6	49.0#
71	21.9	32.7	49.1#

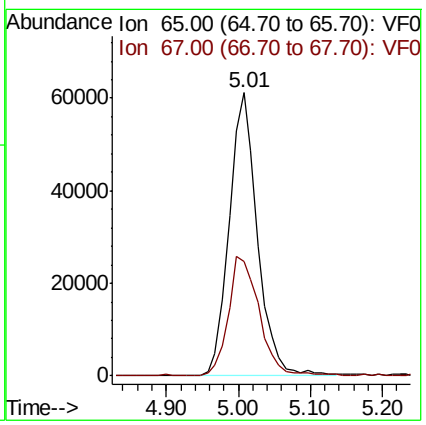


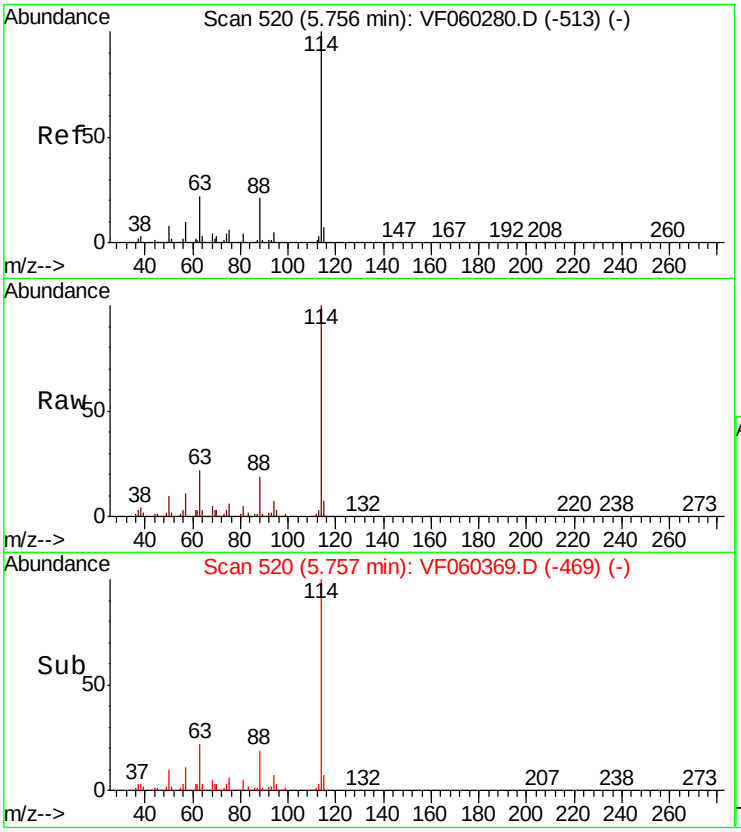


#33
1,2-Dichloroethane-d4
Concen: 57.759 ug/l
RT: 5.01 min Scan# 444
Delta R.T. 0.00 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Tgt Ion: 65 Resp: 166985

Ion	Ratio	Lower	Upper
65	100		
67	40.6	0.0	94.4



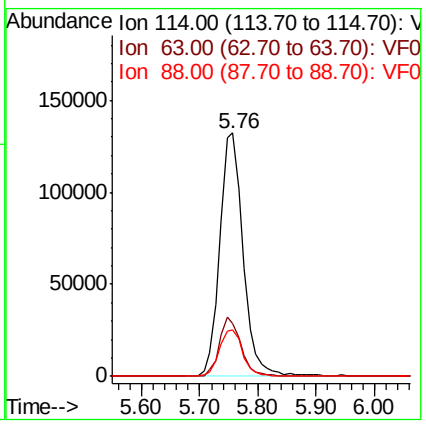


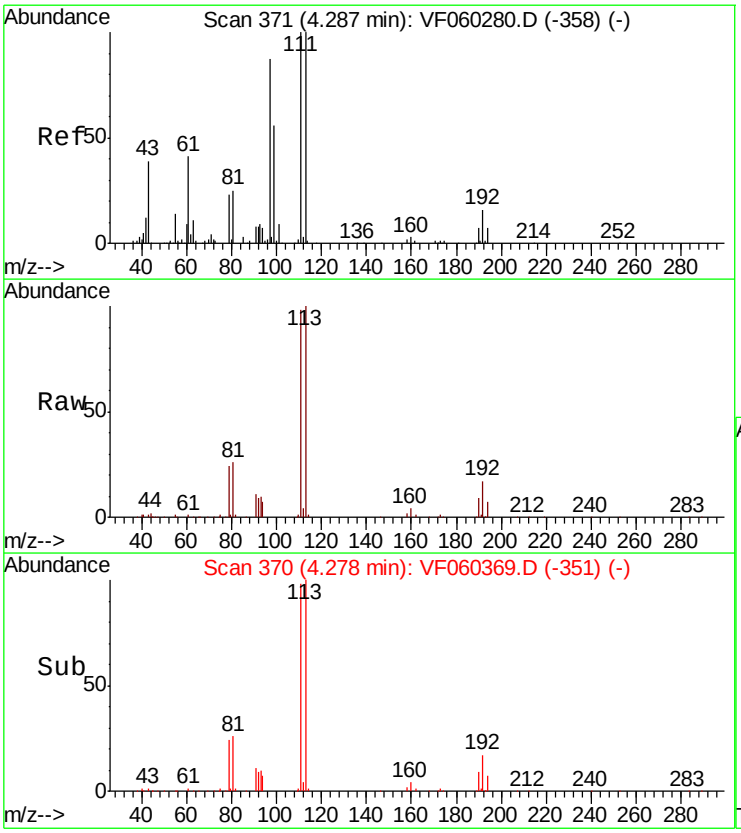
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 520
Delta R.T. 0.00 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBL01

Tgt Ion:114 Resp: 367197

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.8
88	18.9	0.0	41.2

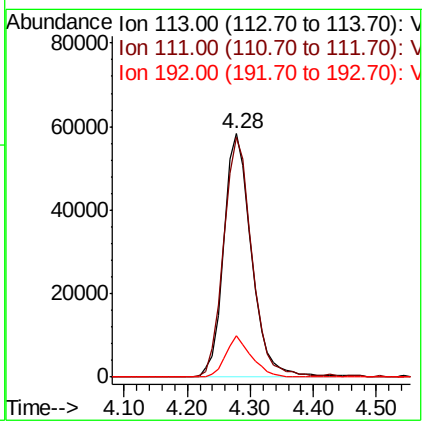


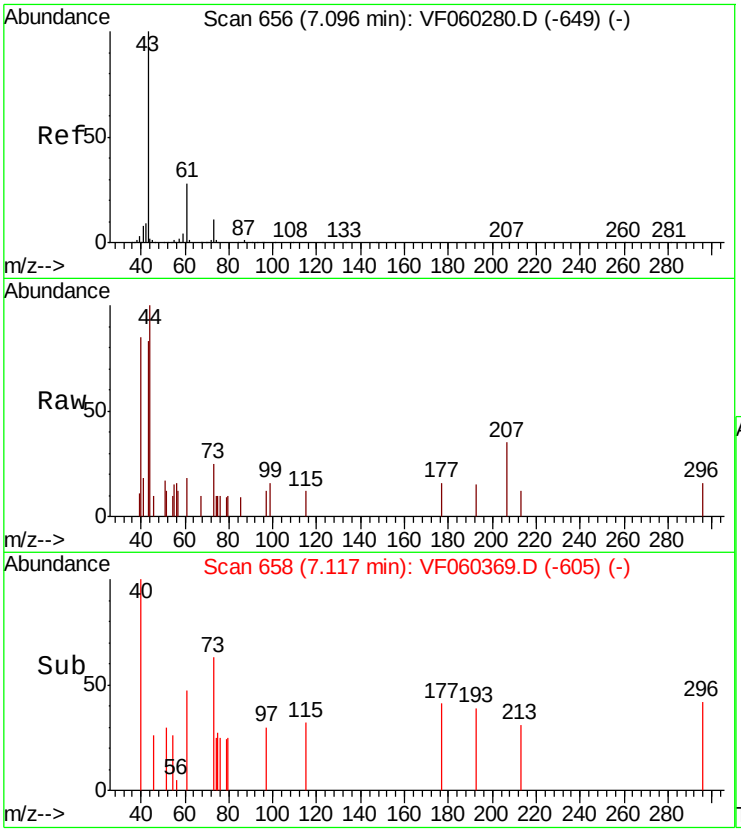


#35
Dibromofluoromethane
Concen: 54.060 ug/l
RT: 4.28 min Scan# 370
Delta R.T. -0.01 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Tgt Ion:113 Resp: 176954

Ion	Ratio	Lower	Upper
113	100		
111	98.3	79.6	119.4
192	17.1	13.0	19.6



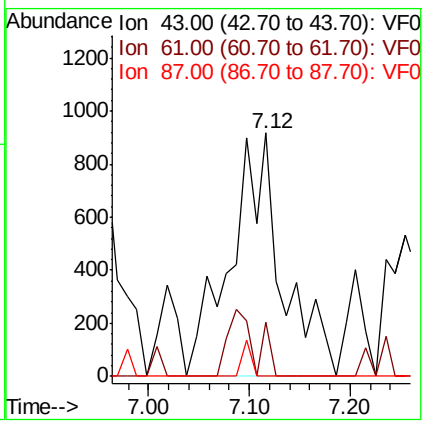


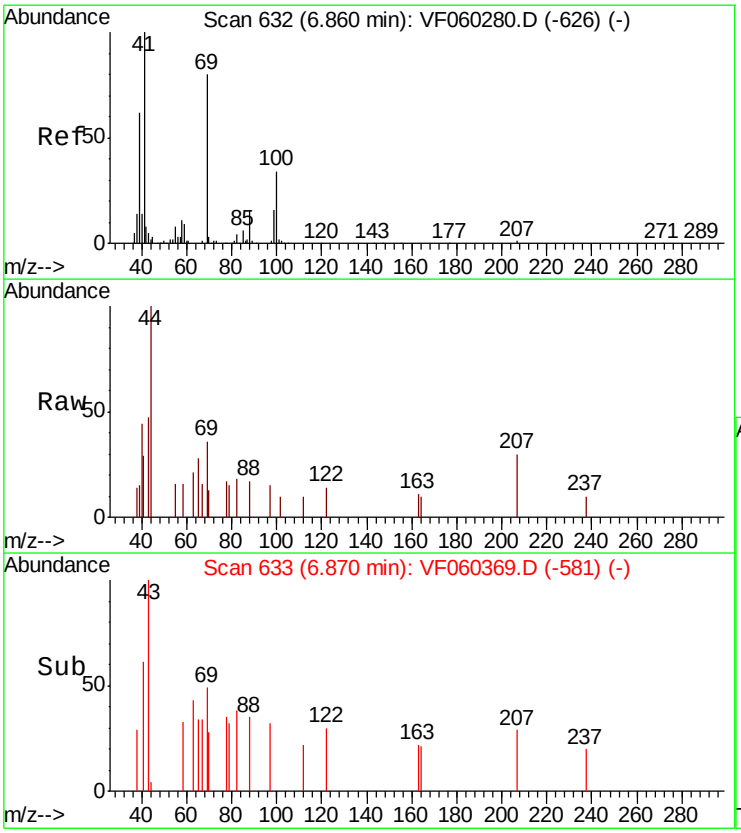
#43
Isopropyl Acetate
Concen: 1.397 ug/l
RT: 7.12 min Scan# 658
Delta R.T. 0.02 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Instrument : MSVOA_F
ClientSampleId : VF0928SBL01

Tgt Ion: 43 Resp: 3260

Ion	Ratio	Lower	Upper
43	100		
61	22.1	22.4	33.6#
87	0.0	0.6	0.8#

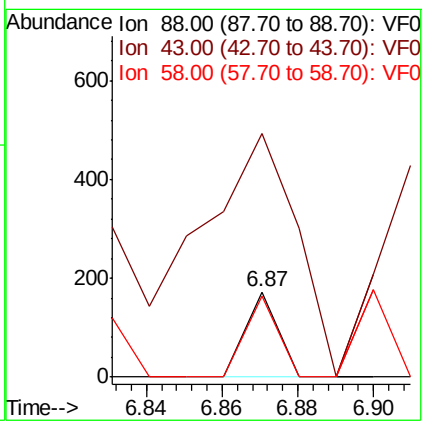


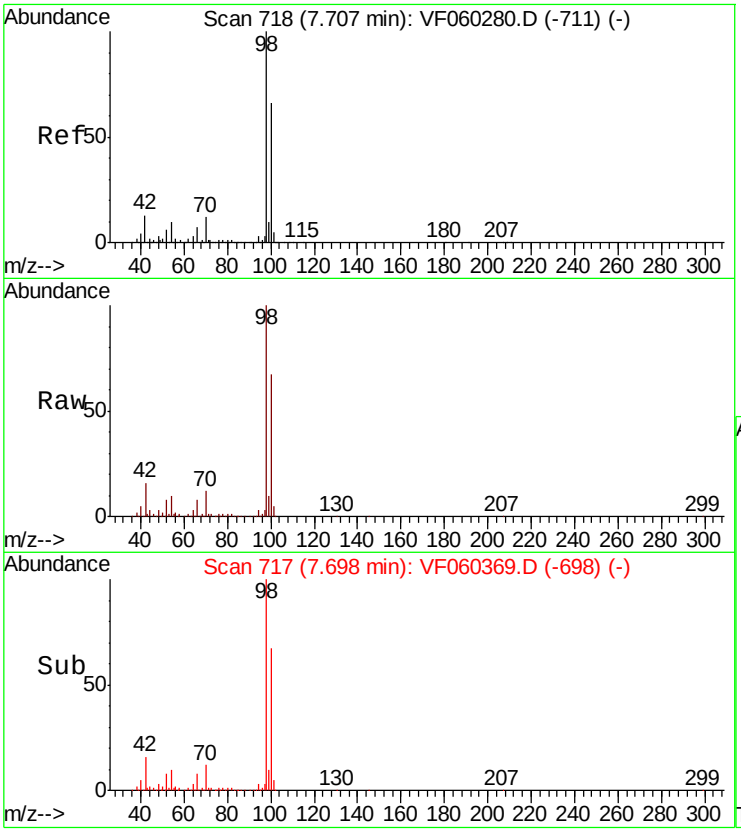


#49
1,4-Dioxane
Concen: 6.971 ug/l
RT: 6.87 min Scan# 633
Delta R.T. 0.01 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Tgt Ion: 88 Resp: 102

Ion	Ratio	Lower	Upper
88	100		
43	286.6	40.2	60.4#
58	94.8	56.7	85.1#



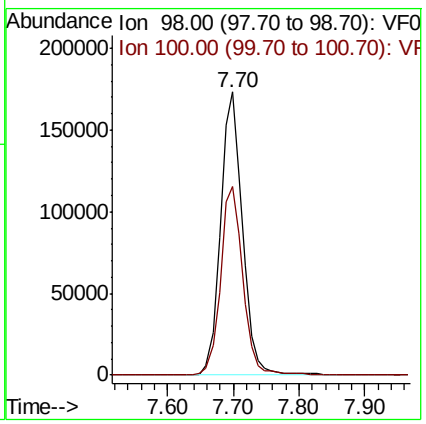


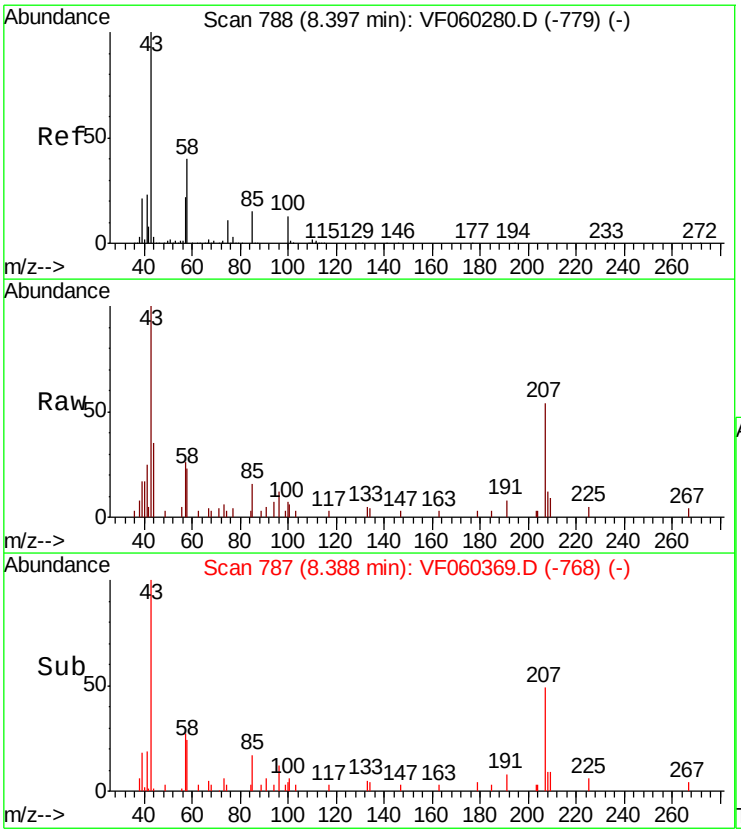
#50
Toluene-d8
Concen: 47.250 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.01 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBL01

Tgt Ion: 98 Resp: 402778

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.6

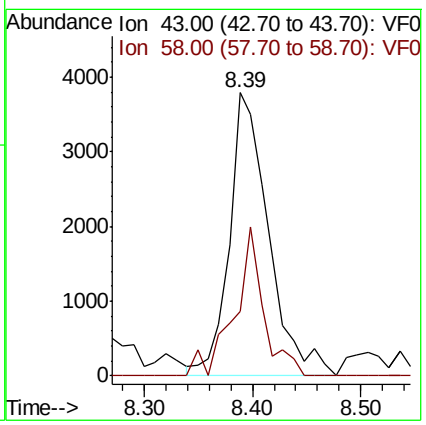


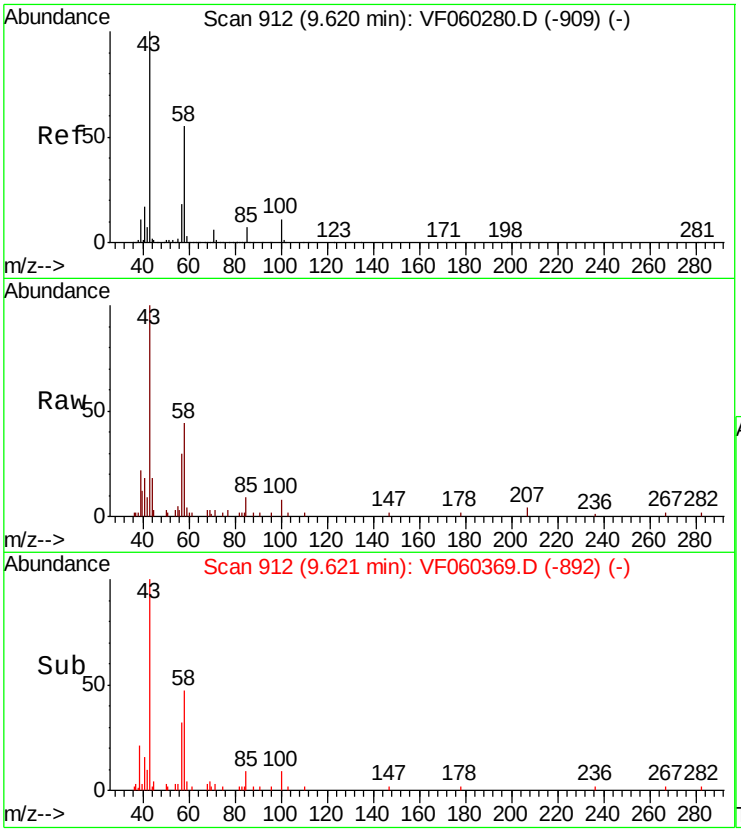


#51
4-Methyl-2-Pentanone
Concen: 5.321 ug/l
RT: 8.39 min Scan# 787
Delta R.T. -0.01 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Tgt Ion: 43 Resp: 9569

Ion	Ratio	Lower	Upper
43	100		
58	22.8	31.8	47.8#



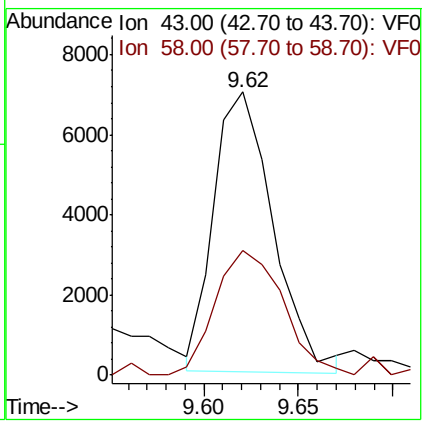


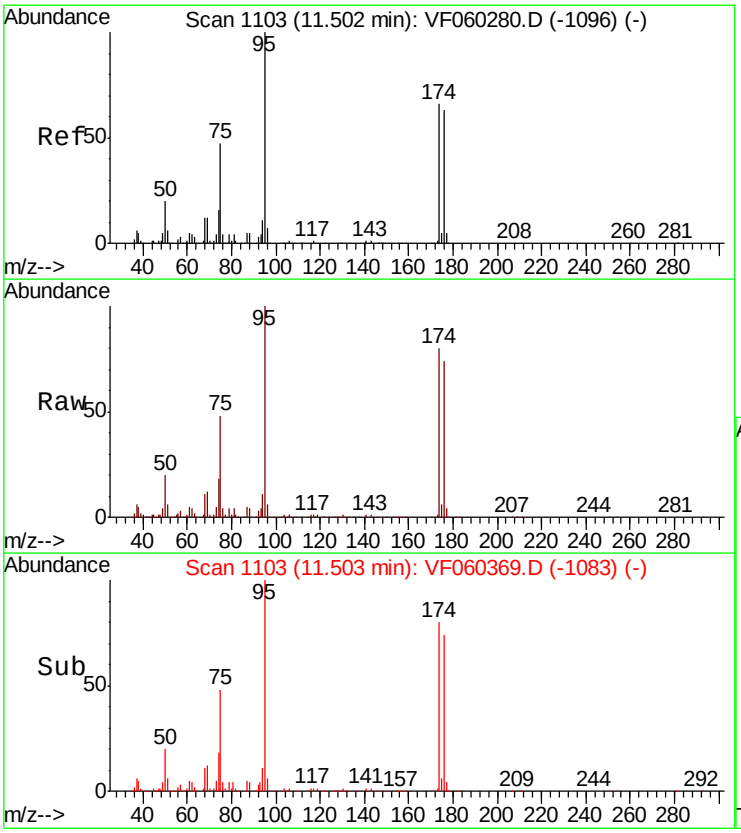
#59
2-Hexanone
Concen: 11.837 ug/l
RT: 9.62 min Scan# 912
Delta R.T. 0.00 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBL01

Tgt Ion: 43 Resp: 15156

Ion	Ratio	Lower	Upper
43	100		
58	44.2	25.9	77.6

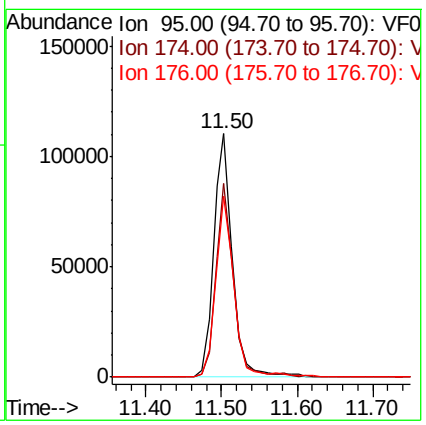


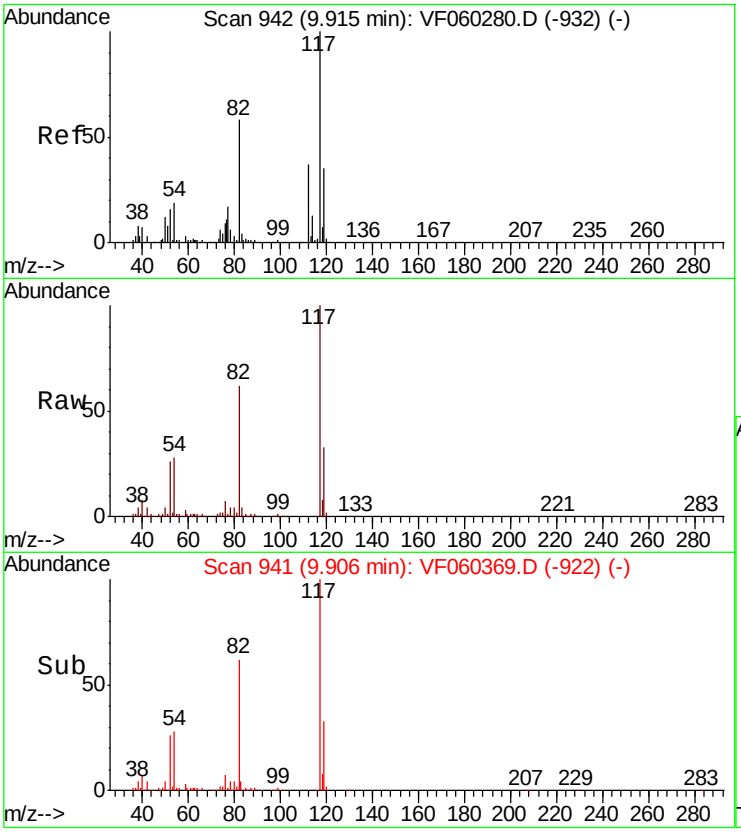


#62
4-Bromofluorobenzene
Concen: 51.777 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Tgt Ion: 95 Resp: 190790

Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	131.2
176	74.1	0.0	126.6



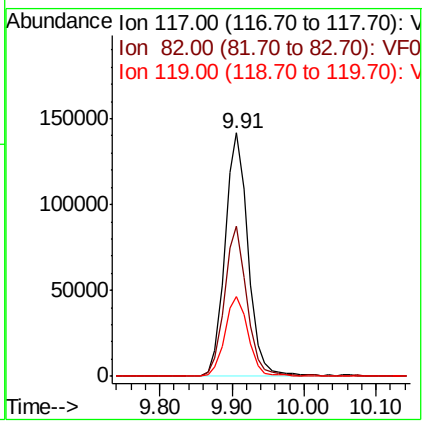


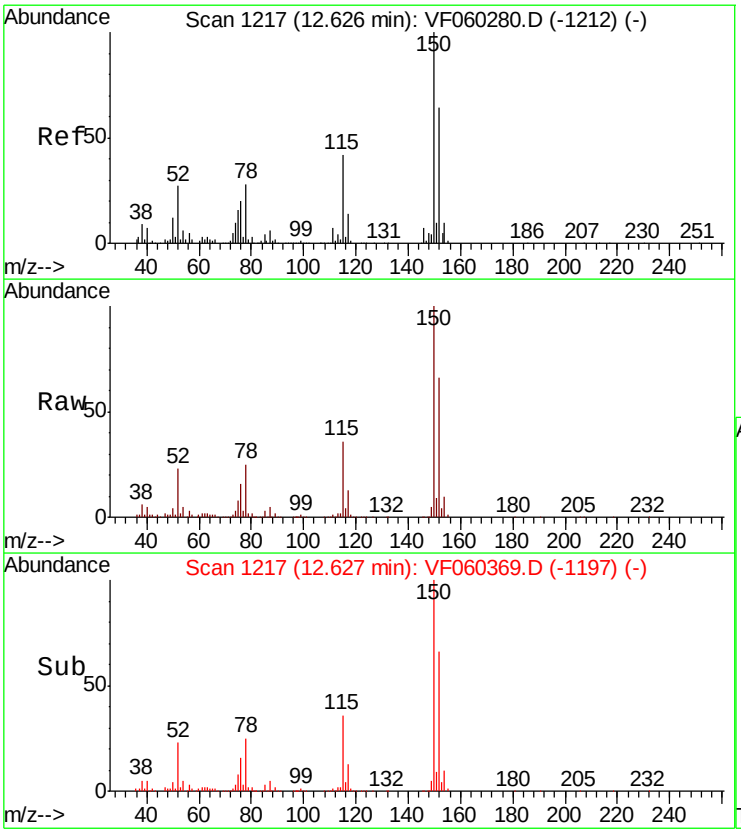
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBL01

Tgt Ion:117 Resp: 316468

Ion	Ratio	Lower	Upper
117	100		
82	61.9	46.2	69.2
119	32.7	27.8	41.6

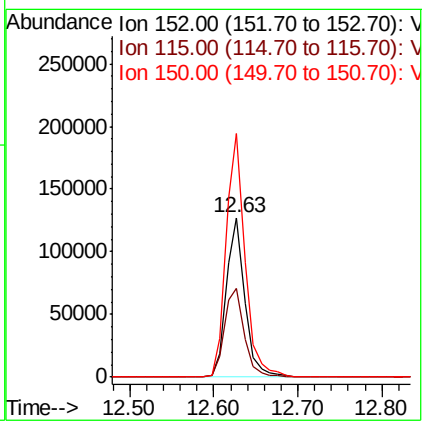


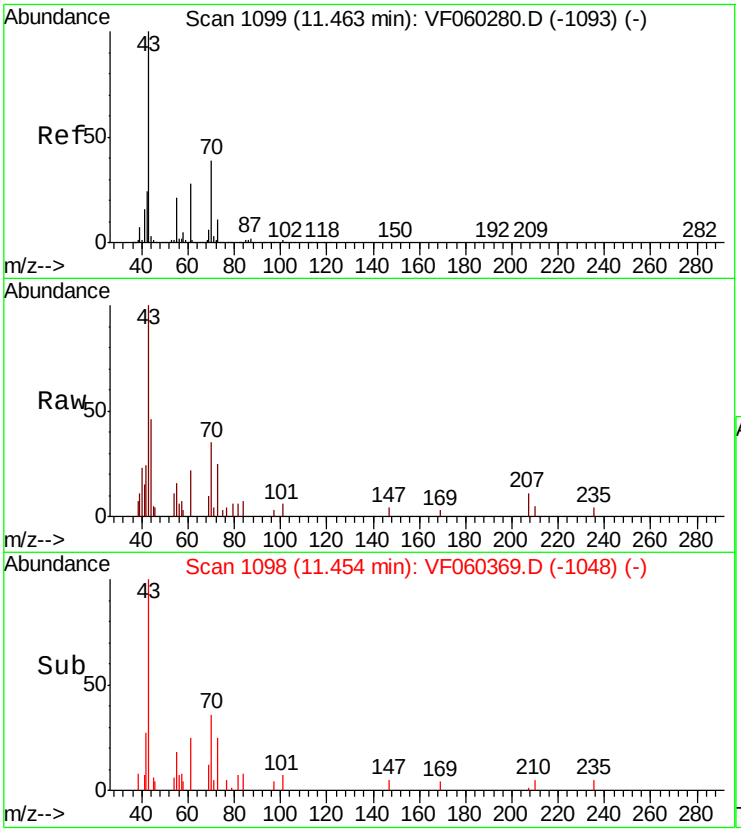


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Tgt Ion:152 Resp: 193738

Ion	Ratio	Lower	Upper
152	100		
115	55.6	32.6	97.8
150	152.5	0.0	314.2



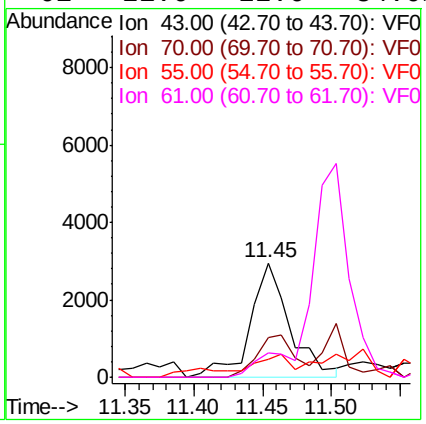


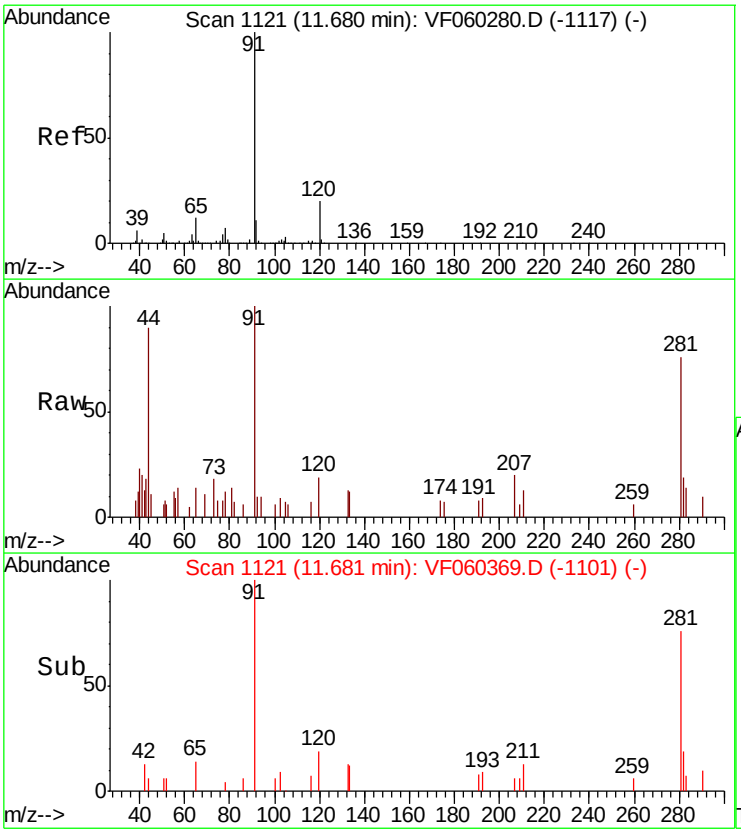
#74
N-amyl acetate
Concen: 1.601 ug/l
RT: 11.45 min Scan# 1098
Delta R.T. -0.01 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Instrument : MSVOA_F
ClientSampleId : VF0928SBL01

Tgt Ion: 43 Resp: 5936

Ion	Ratio	Lower	Upper
43	100		
70	34.8	31.4	47.2
55	15.7	16.8	25.2#
61	21.6	22.6	34.0#

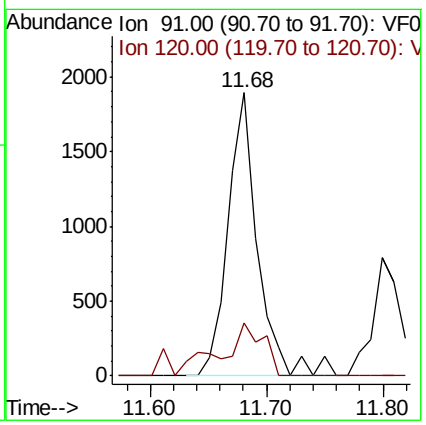


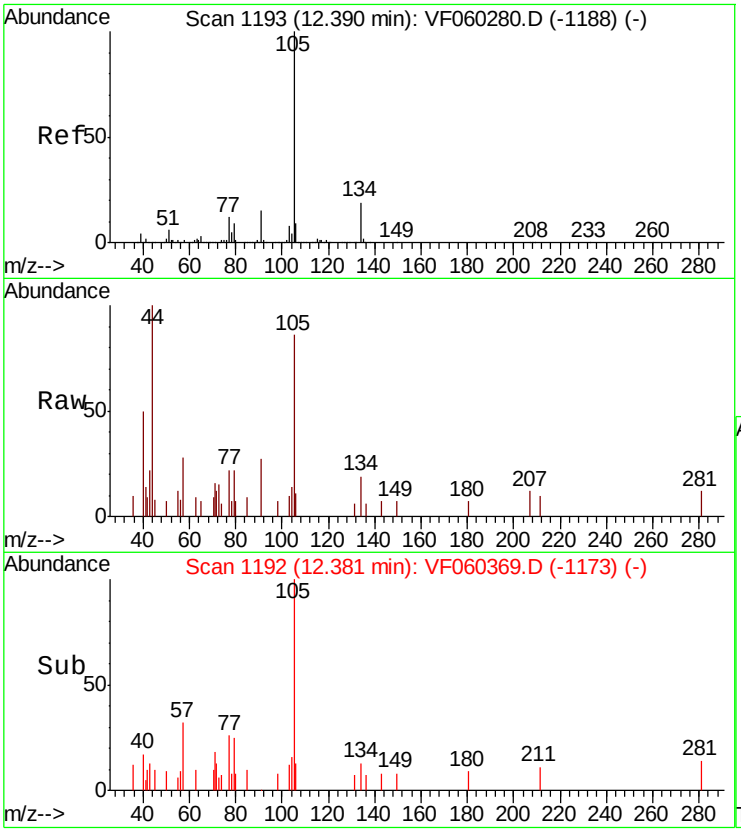


#78
n-propylbenzene
Concen: Below Cal
RT: 11.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Tgt Ion: 91 Resp: 3343

Ion	Ratio	Lower	Upper
91	100		
120	18.5	10.0	29.8



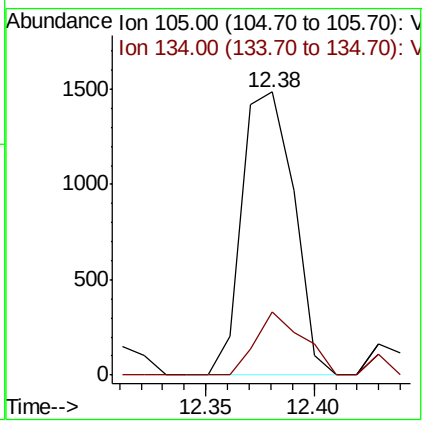


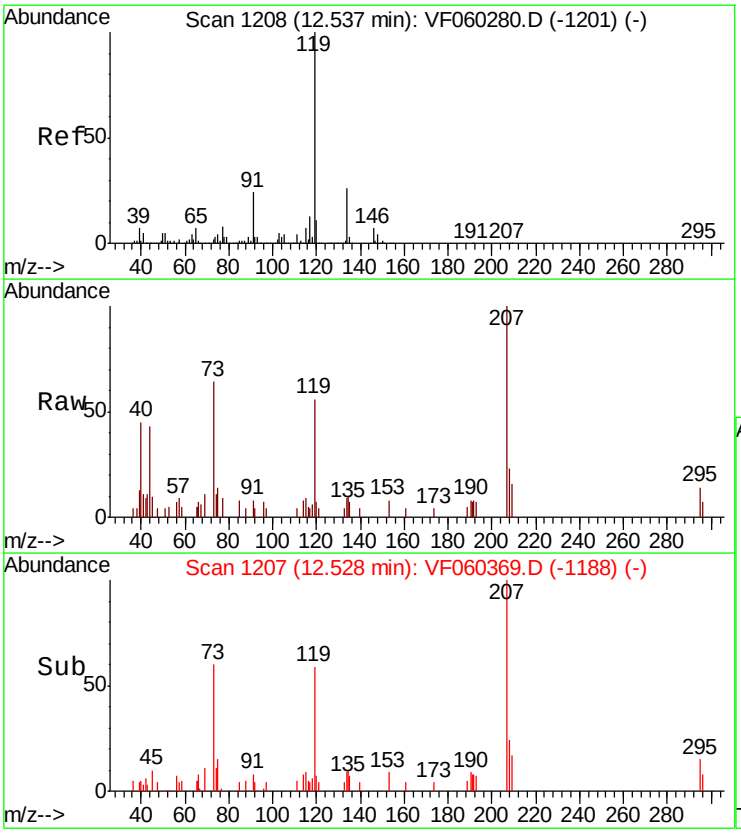
#85
sec-Butylbenzene
Concen: Below Cal
RT: 12.38 min Scan# 1192
Delta R.T. -0.01 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBL01

Tgt Ion:105 Resp: 2473

Ion	Ratio	Lower	Upper
105	100		
134	22.2	9.6	28.6





#86
p-Isopropyltoluene
Concen: Below Cal
RT: 12.53 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF060369.D
Acq: 28 Sep 2018 16:05

Tgt Ion:119 Resp: 2399

Ion	Ratio	Lower	Upper
119	100		
134	33.0	12.9	38.7
91	14.2	11.9	35.7