Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060788.D
Acq On : 19 Nov 2018 20:58
Operator : VA/AP
Sample : J5950-06
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SSI-20-TW-1

Quant Time: Nov 20 03:04:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	160359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	273131	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	244797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	134045	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	88820	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.12%			
35) Dibromofluoromethane	4.12	113	108651	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.84%			
50) Toluene-d8	7.57	98	260109	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.64%			
62) 4-Bromofluorobenzene	11.42	95	127615	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.50%			
Target Compounds						Qvalue
20) Methylene Chloride	2.19	84	4954	1.009	ug/l	93
25) 2-Butanone	4.35	43	4963	7.718	ug/l #	86
40) Benzene	4.64	78	14733	2.086	ug/l	97
67) Ethyl Benzene	9.91	91	326912	35.109	ug/l	100
68) m/p-Xylenes	10.15	106	7405	2.225	ug/l	77
73) Isopropylbenzene	11.13	105	51363	4.760	ug/l	99
78) n-propylbenzene	11.61	91	177284	14.088	ug/l	99
83) tert-Butylbenzene	12.14	119	23443	2.578	ug/l	87
84) 1,2,4-Trimethylbenzene	12.21	105	9774	1.103	ug/l	89
85) sec-Butylbenzene	12.32	105	49138	3.983	ug/l	79
89) n-Butylbenzene	12.85	91	37260	3.543	ug/l	93
95) Naphthalene	14.47	128	203605	36.890	ug/l	99

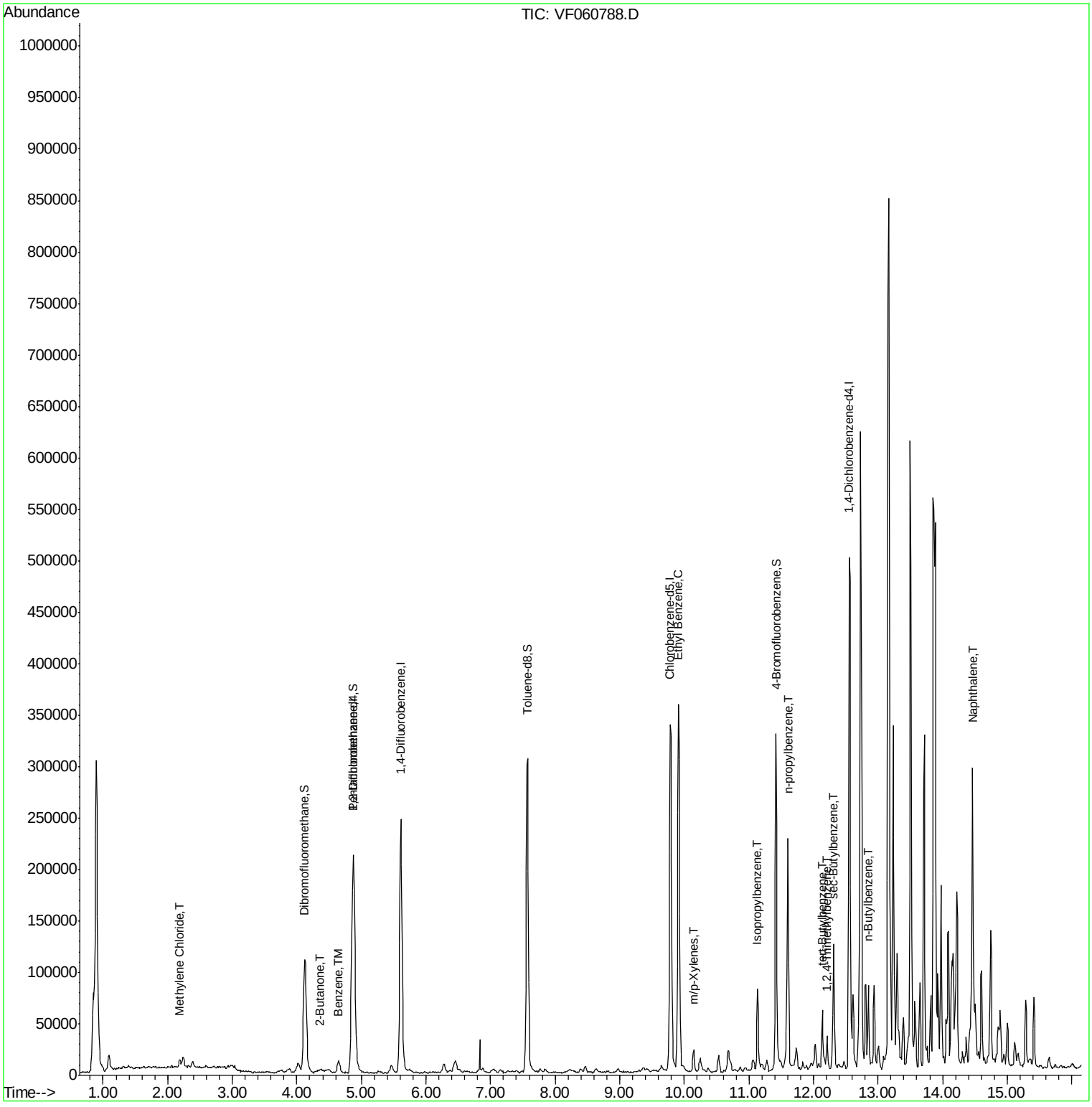
(#) = qualifier out of range (m) = manual integration (+) = signals summed

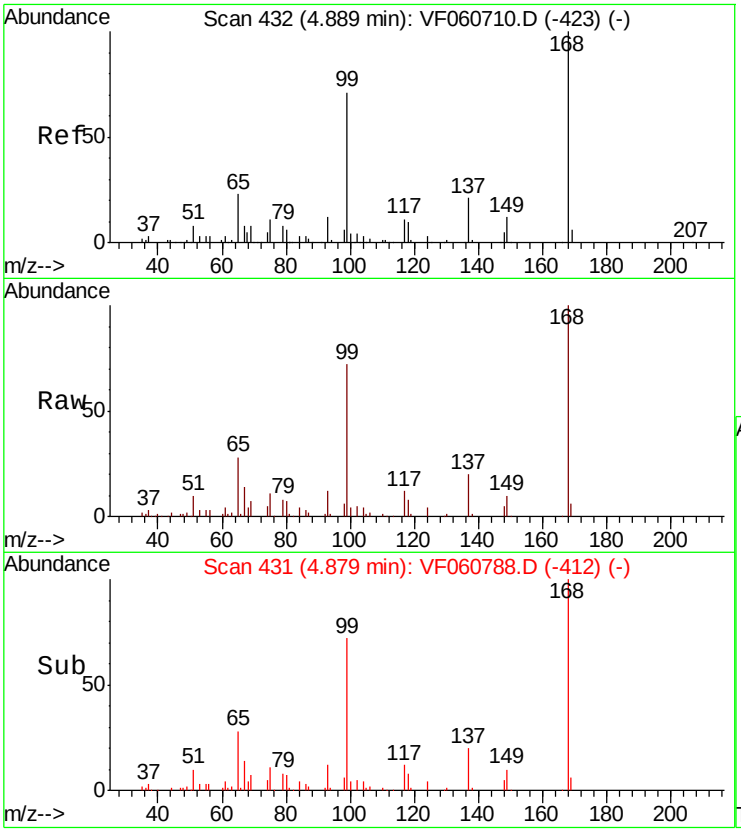
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060788.D
Acq On : 19 Nov 2018 20:58
Operator : VA/AP
Sample : J5950-06
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SSI-20-TW-1

Quant Time: Nov 20 03:04:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration



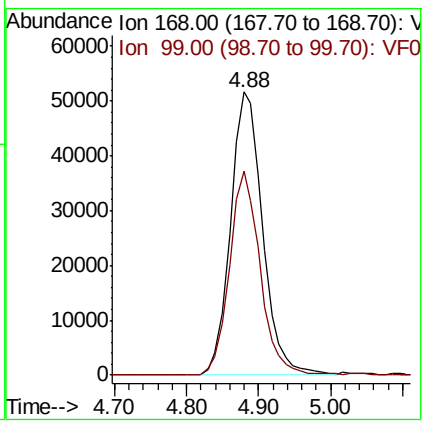


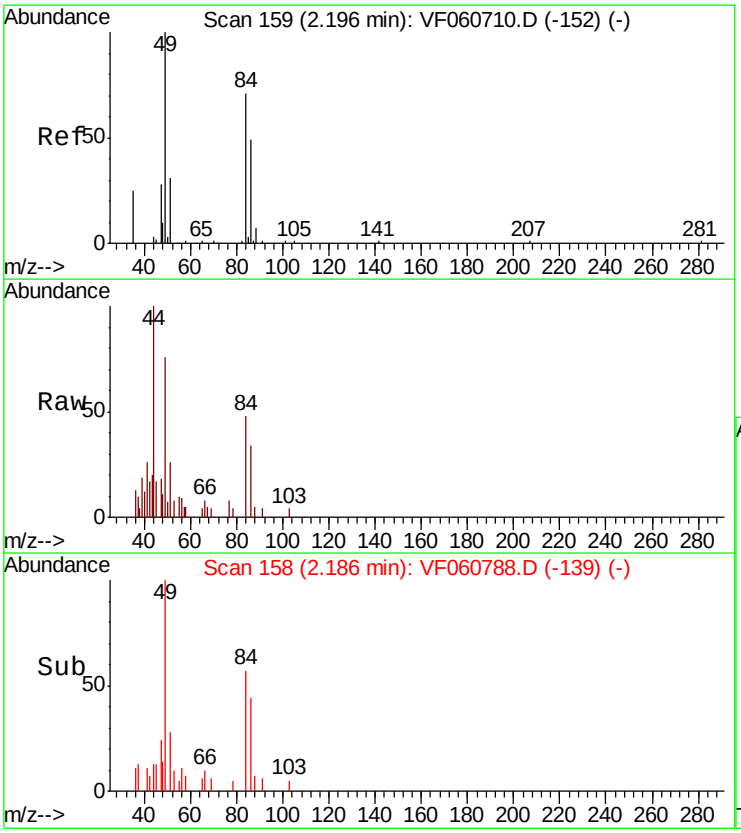
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. -0.01 min
Lab File: VF060788.D
Acq: 19 Nov 2018 20:58

Instrument :
MSVOA_F
ClientSampleId :
SSI-20-TW-1

Tgt Ion:168 Resp: 160359

Ion	Ratio	Lower	Upper
168	100		
99	72.2	57.2	85.8

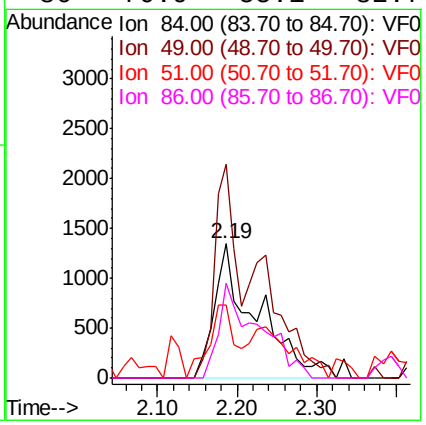


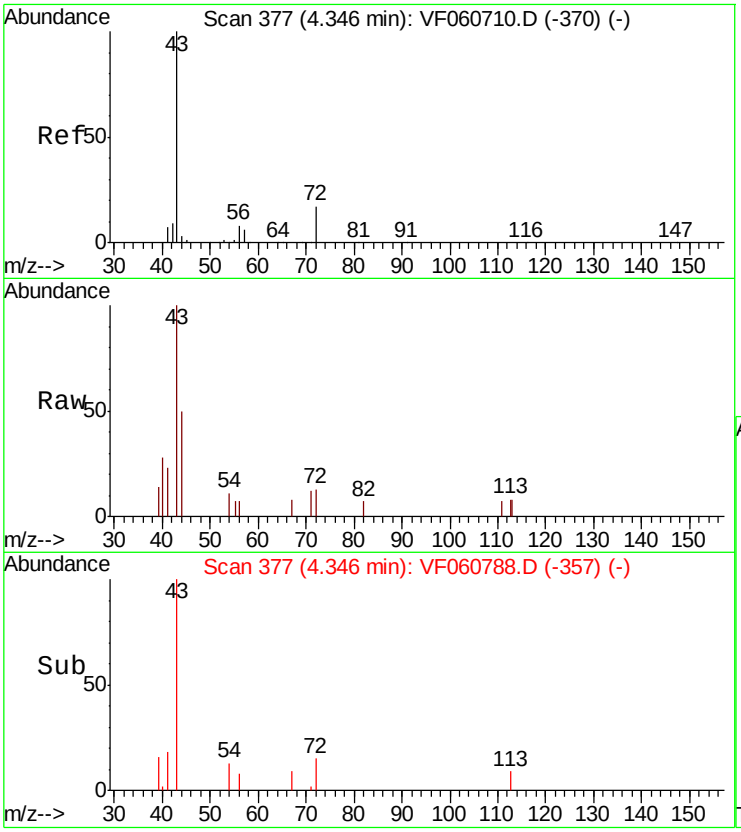


#20
Methylene Chloride
Concen: 1.009 ug/l
RT: 2.19 min Scan# 158
Delta R.T. -0.01 min
Lab File: VF060788.D
Acq: 19 Nov 2018 20:58

Tgt Ion: 84 Resp: 4954

Ion	Ratio	Lower	Upper
84	100		
49	159.6	120.2	180.4
51	54.5	37.2	55.8
86	70.9	55.1	82.7



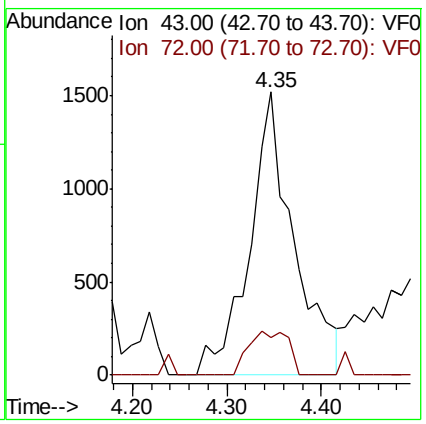


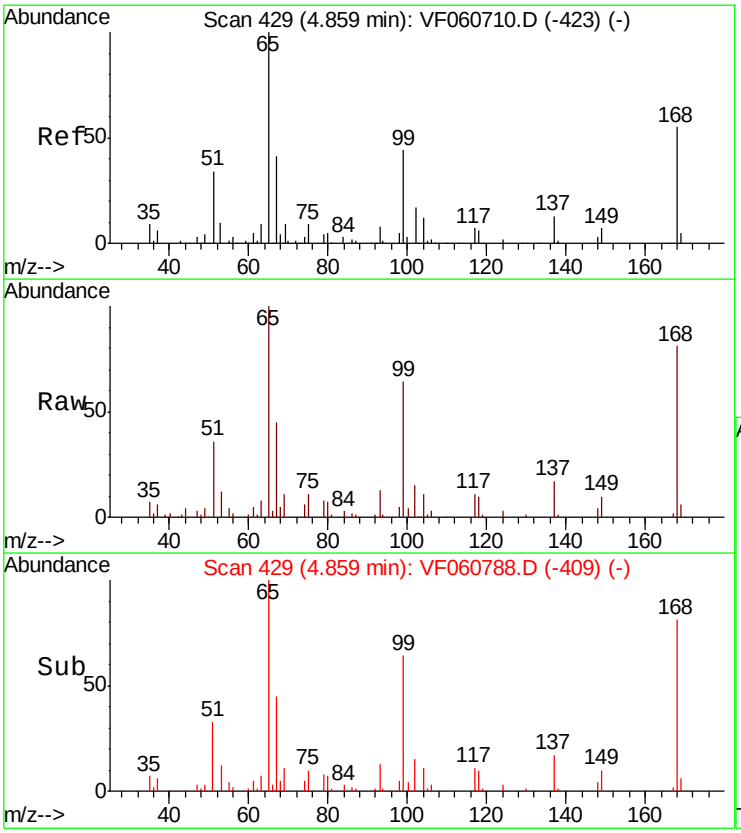
#25
2-Butanone
Concen: 7.718 ug/l
RT: 4.35 min Scan# 377
Delta R.T. 0.00 min
Lab File: VF060788.D
Acq: 19 Nov 2018 20:58

Instrument :
MSVOA_F
ClientSampleId :
SSI-20-TW-1

Tgt Ion: 43 Resp: 4963

Ion	Ratio	Lower	Upper
43	100		
72	13.4	16.1	24.1#

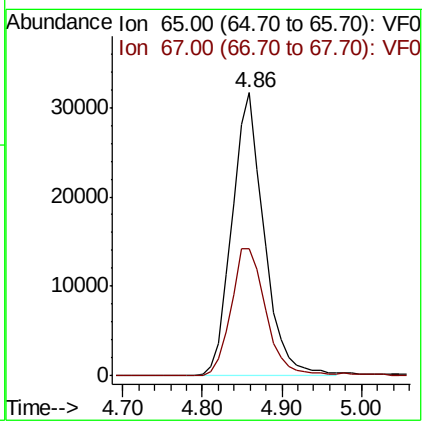


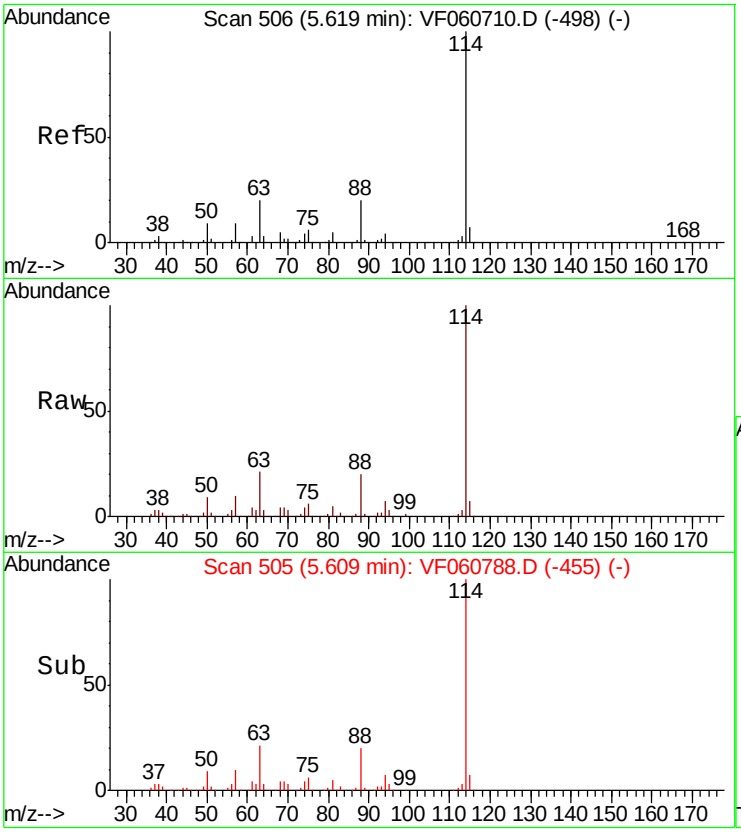


#33
1,2-Dichloroethane-d4
Concen: 48.560 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.00 min
Lab File: VF060788.D
Acq: 19 Nov 2018 20:58

Tgt Ion: 65 Resp: 88820

Ion	Ratio	Lower	Upper
65	100		
67	45.0	0.0	90.2



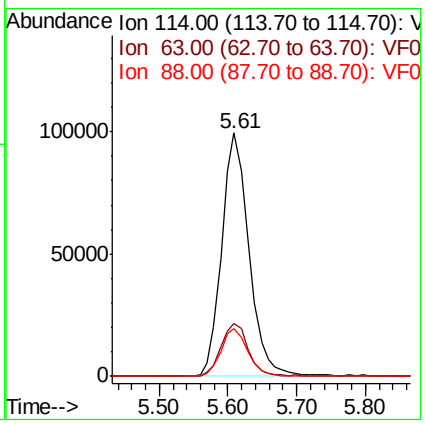


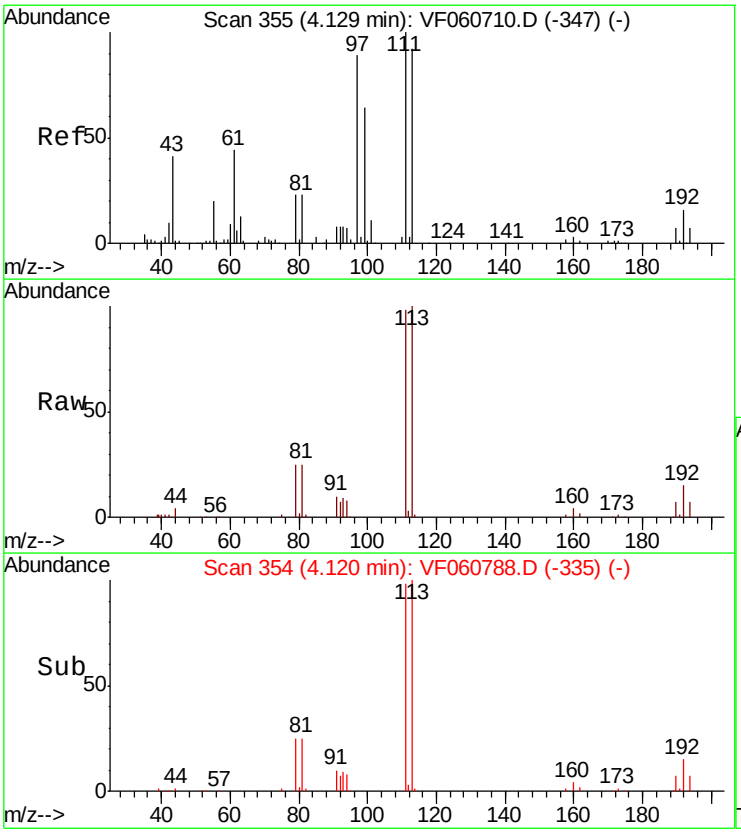
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. -0.01 min
Lab File: VF060788.D
Acq: 19 Nov 2018 20:58

Instrument :
MSVOA_F
ClientSampleId :
SSI-20-TW-1

Tgt Ion:114 Resp: 273131

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.8
88	19.5	0.0	39.6

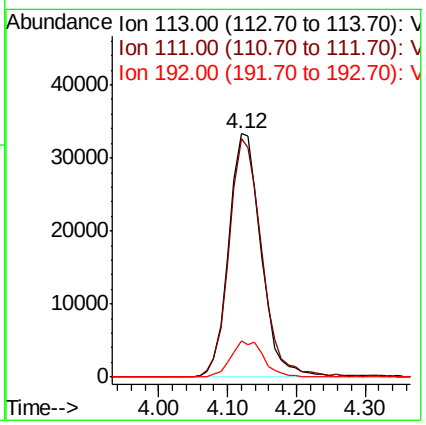


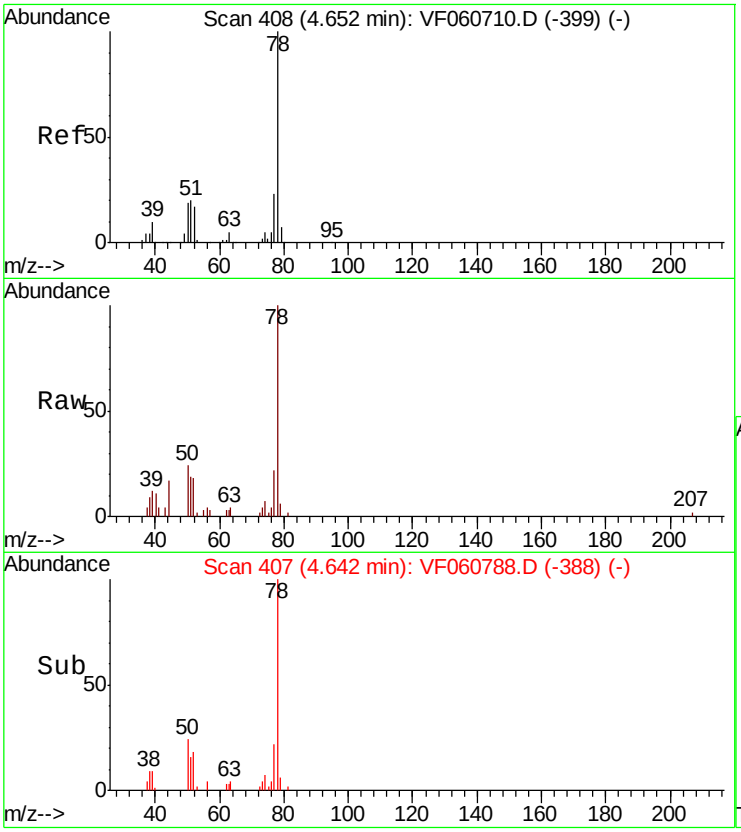


#35
Dibromofluoromethane
Concen: 52.920 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.01 min
Lab File: VF060788.D
Acq: 19 Nov 2018 20:58

Tgt Ion:113 Resp: 108651

Ion	Ratio	Lower	Upper
113	100		
111	98.2	87.1	130.7
192	14.8	13.8	20.6



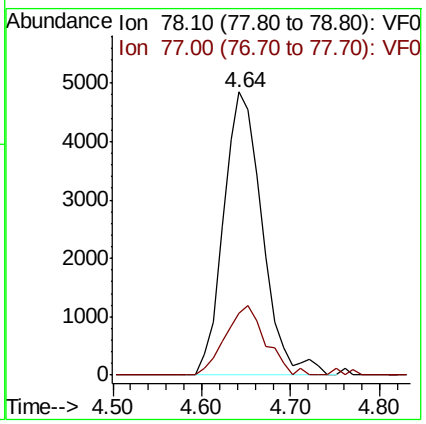


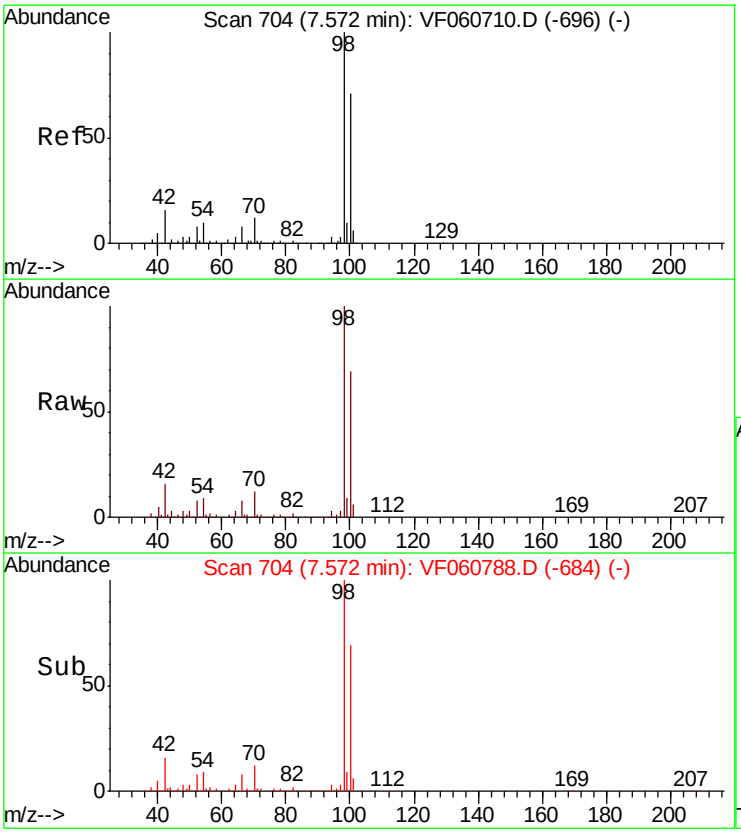
#40
Benzene
Concen: 2.086 ug/l
RT: 4.64 min Scan# 407
Delta R.T. -0.01 min
Lab File: VF060788.D
Acq: 19 Nov 2018 20:58

Instrument :
MSVOA_F
ClientSampleId :
SSI-20-TW-1

Tgt Ion: 78 Resp: 14733

Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.6	28.0

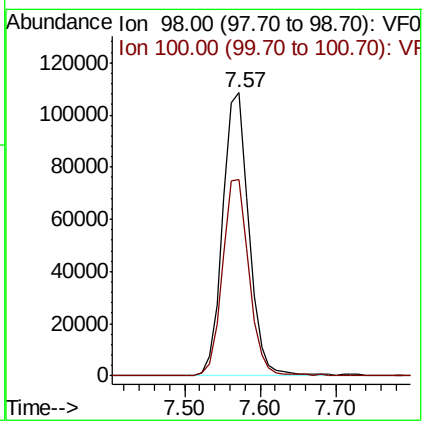


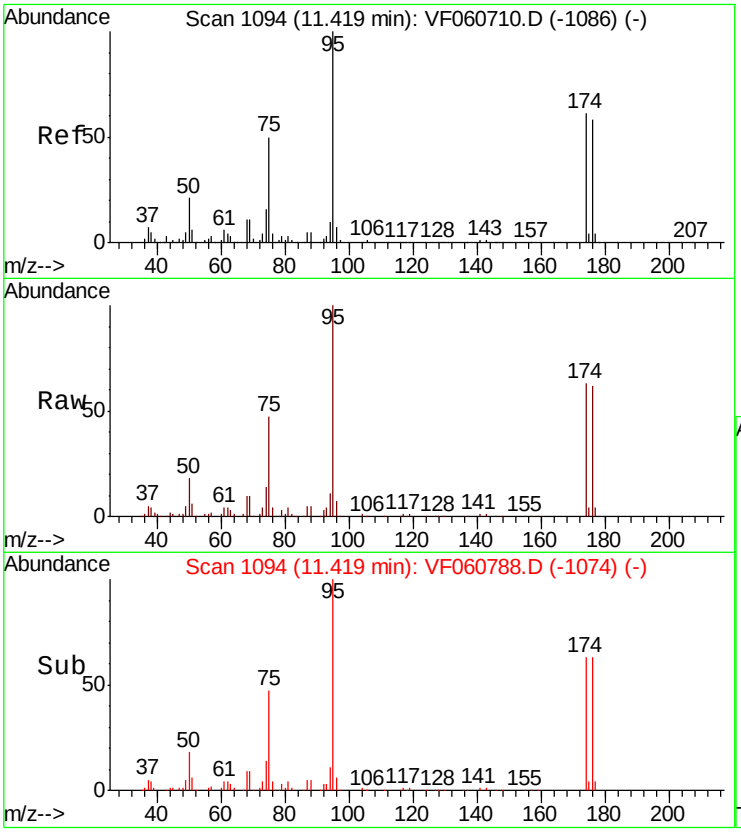


#50
Toluene-d8
Concen: 49.321 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.00 min
Lab File: VF060788.D
Acq: 19 Nov 2018 20:58

Tgt Ion: 98 Resp: 260109

Ion	Ratio	Lower	Upper
98	100		
100	69.2	56.5	84.7



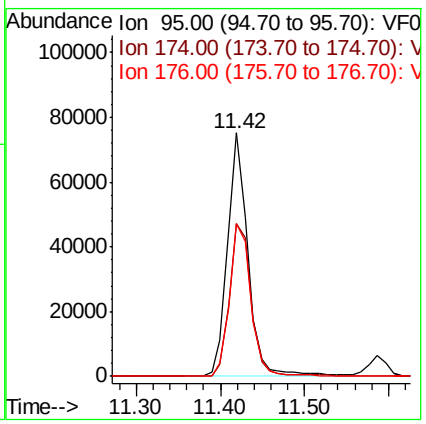


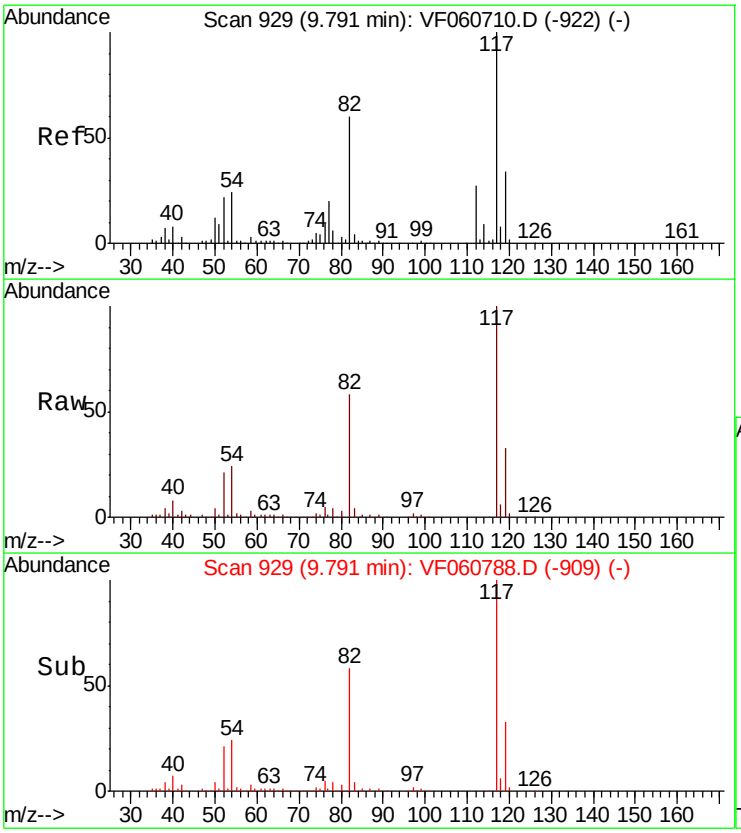
#62
4-Bromofluorobenzene
Concen: 52.747 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060788.D
Acq: 19 Nov 2018 20:58

Instrument :
MSVOA_F
ClientSampleId :
SSI-20-TW-1

Tgt Ion: 95 Resp: 127615

Ion	Ratio	Lower	Upper
95	100		
174	62.7	0.0	121.6
176	62.5	0.0	115.2

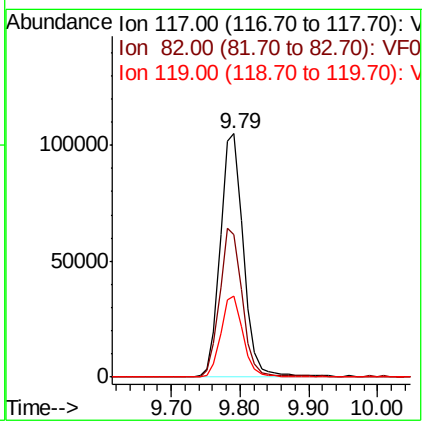


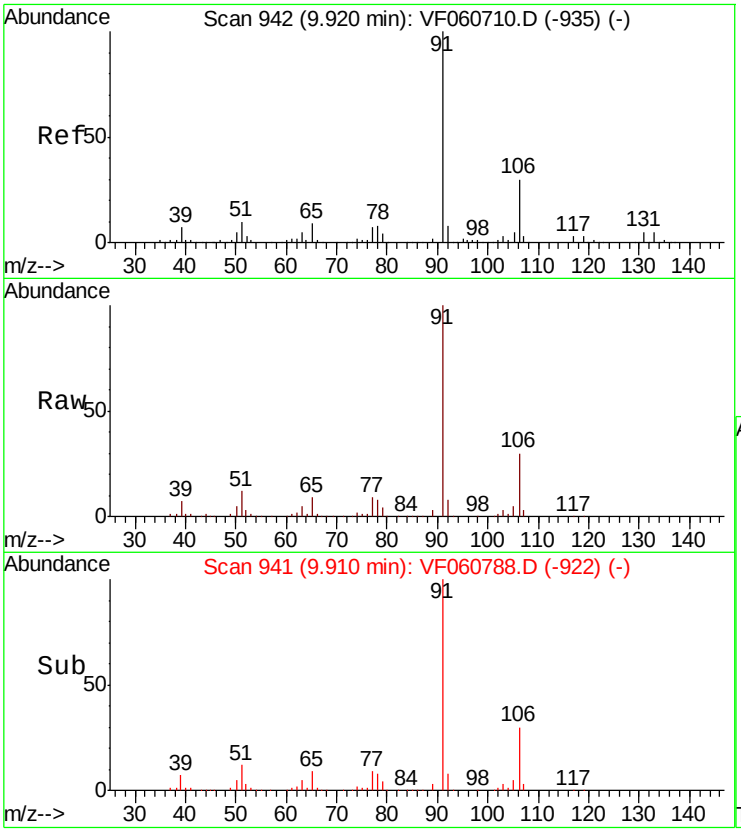


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.00 min
Lab File: VF060788.D
Acq: 19 Nov 2018 20:58

Tgt Ion:117 Resp: 244797

Ion	Ratio	Lower	Upper
117	100		
82	58.3	47.9	71.9
119	33.4	26.8	40.2



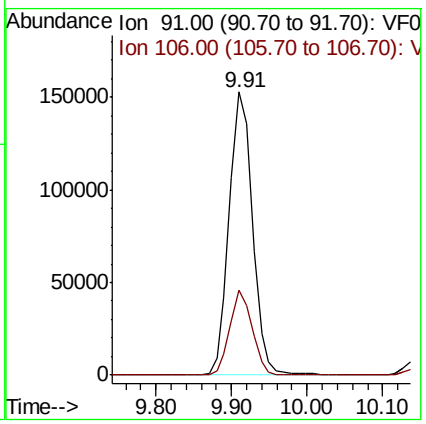


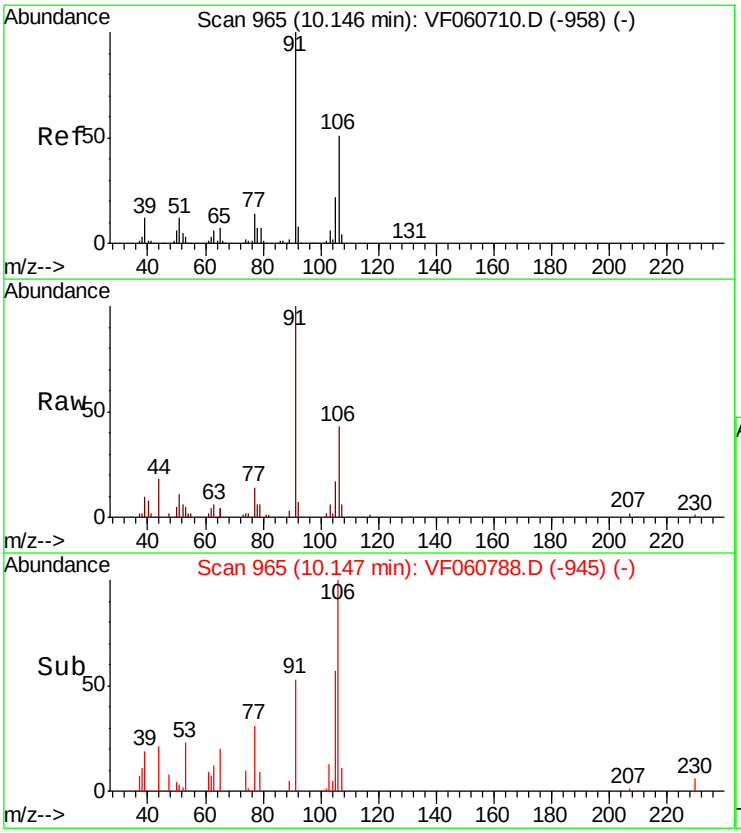
#67
Ethyl Benzene
Concen: 35.109 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060788.D
Acq: 19 Nov 2018 20:58

Instrument :
MSVOA_F
ClientSampleId :
SSI-20-TW-1

Tgt Ion: 91 Resp: 326912

Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.9	35.9

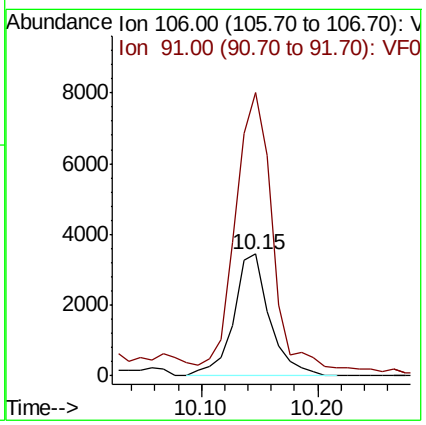


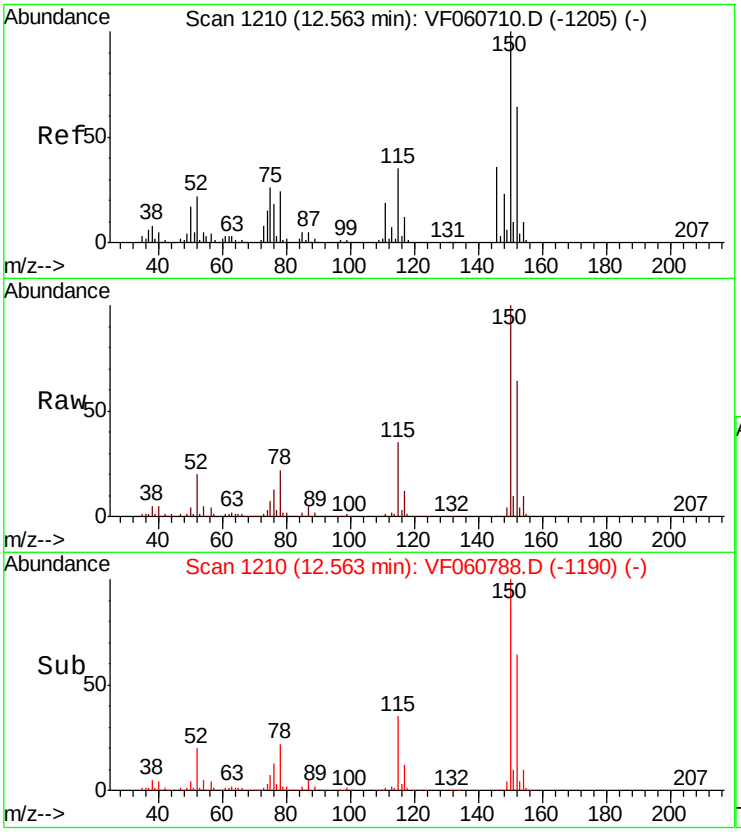


#68
m/p-Xylenes
Concen: 2.225 ug/l
RT: 10.15 min Scan# 965
Delta R.T. 0.00 min
Lab File: VF060788.D
Acq: 19 Nov 2018 20:58

Tgt Ion:106 Resp: 7405

Ion	Ratio	Lower	Upper
106	100		
91	232.0	158.2	237.2



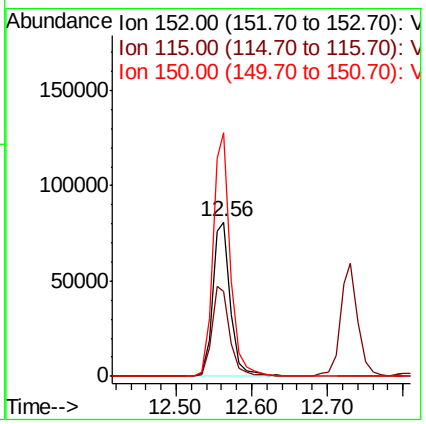


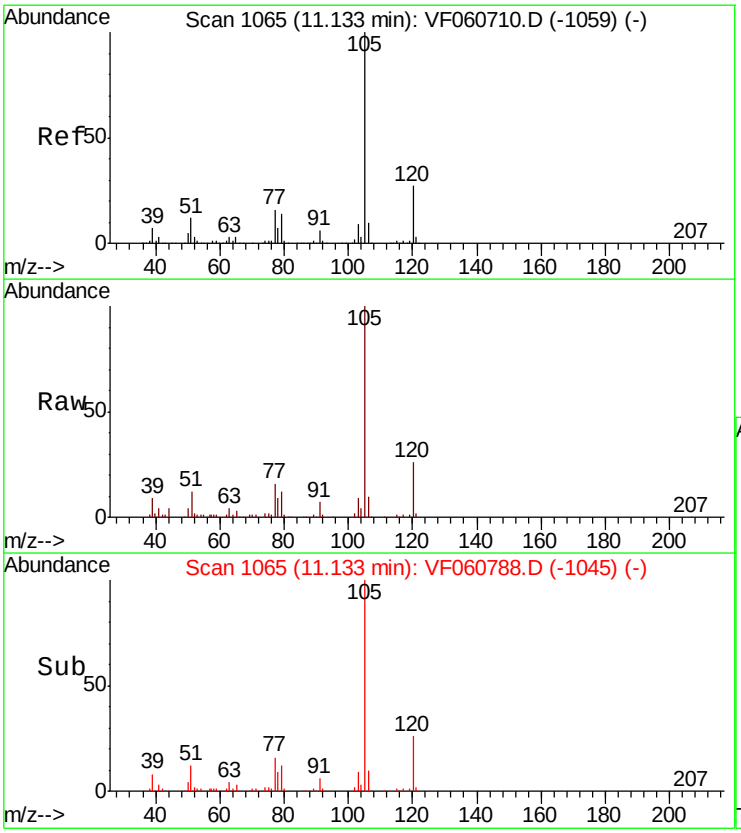
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.00 min
Lab File: VF060788.D
Acq: 19 Nov 2018 20:58

Instrument :
MSVOA_F
ClientSampleId :
SSI-20-TW-1

Tgt Ion:152 Resp: 134045

Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.9	83.7
150	157.5	0.0	316.4

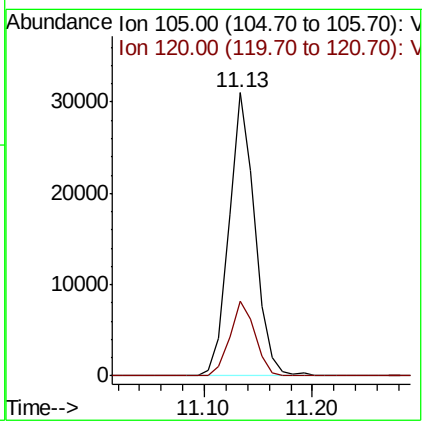


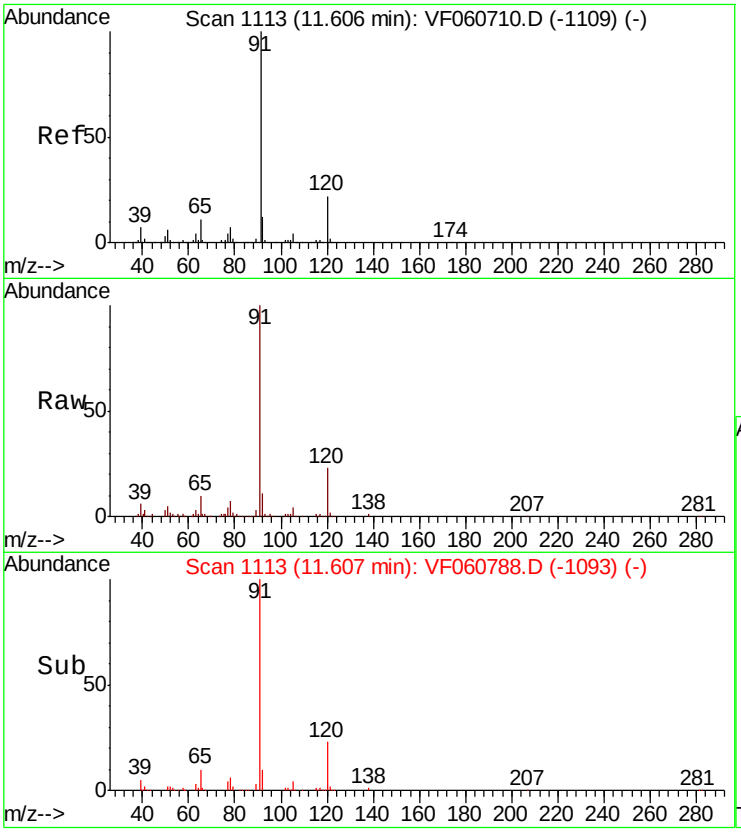


#73
Isopropylbenzene
Concen: 4.760 ug/l
RT: 11.13 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VF060788.D
Acq: 19 Nov 2018 20:58

Tgt Ion:105 Resp: 51363

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.4	40.1



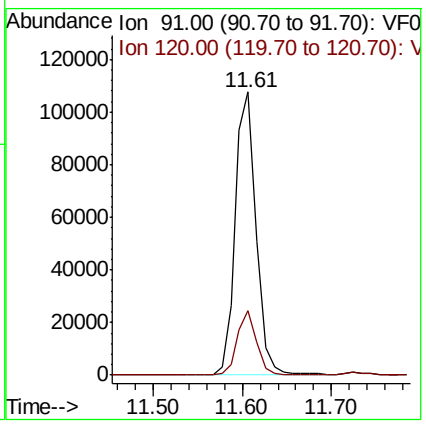


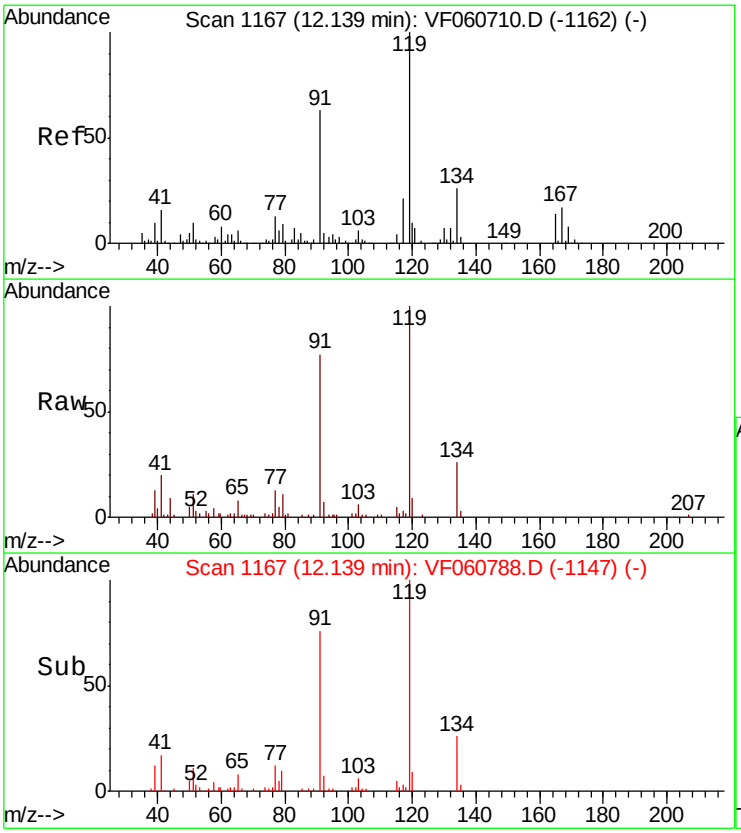
#78
n-propylbenzene
Concen: 14.088 ug/l
RT: 11.61 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VF060788.D
Acq: 19 Nov 2018 20:58

Instrument :
MSVOA_F
ClientSampleId :
SSI-20-TW-1

Tgt Ion: 91 Resp: 177284

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.2	33.5

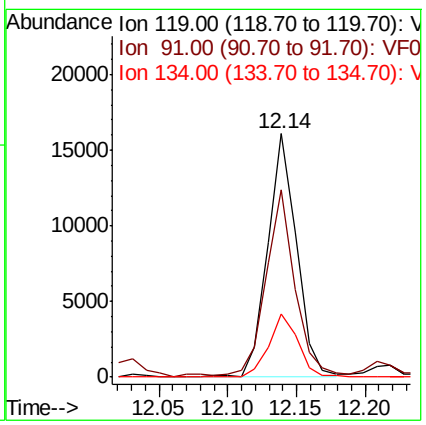


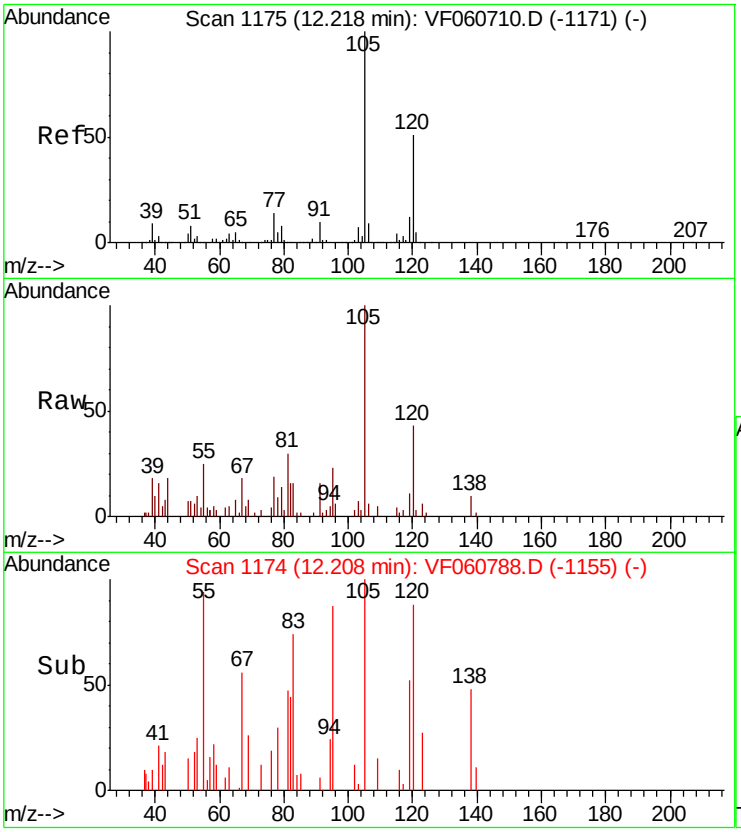


#83
tert-Butylbenzene
Concen: 2.578 ug/l
RT: 12.14 min Scan# 1167
Delta R.T. 0.00 min
Lab File: VF060788.D
Acq: 19 Nov 2018 20:58

Tgt Ion:119 Resp: 23443

Ion	Ratio	Lower	Upper
119	100		
91	76.9	31.4	94.3
134	25.8	12.8	38.4



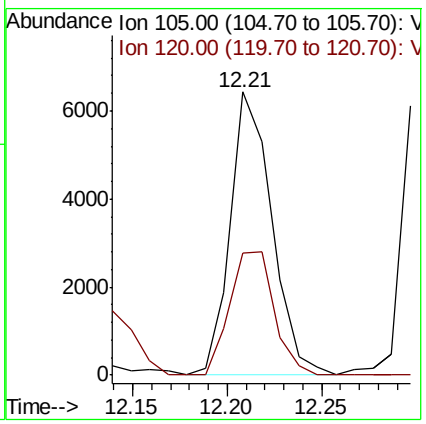


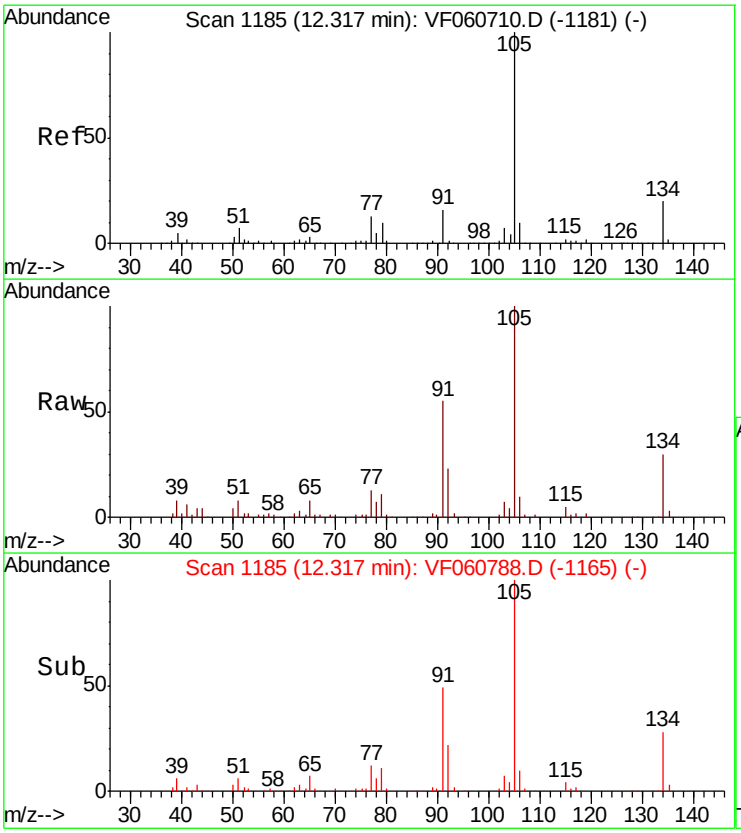
#84
1,2,4-Trimethylbenzene
Concen: 1.103 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VF060788.D
Acq: 19 Nov 2018 20:58

Instrument :
MSVOA_F
ClientSampleId :
SSI-20-TW-1

Tgt Ion:105 Resp: 9774

Ion	Ratio	Lower	Upper
105	100		
120	43.3	25.5	76.5

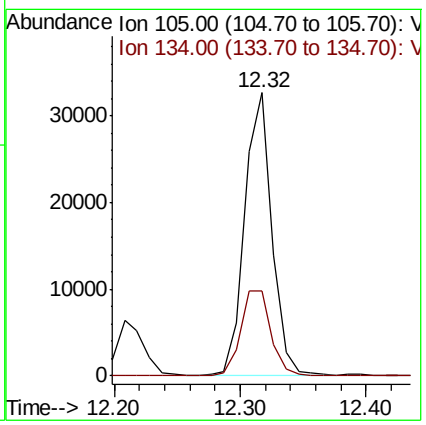


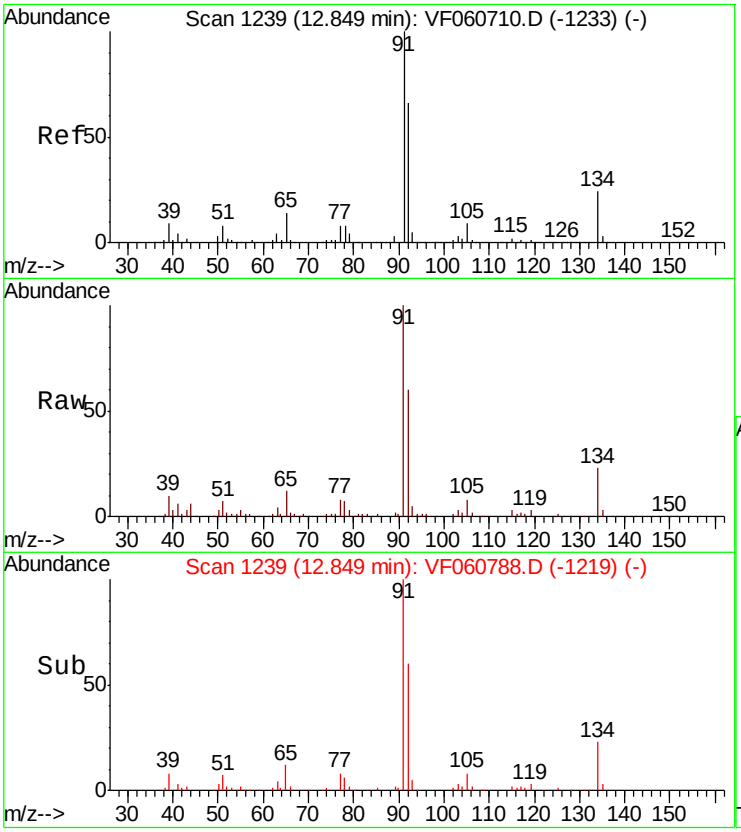


#85
sec-Butylbenzene
Concen: 3.983 ug/l
RT: 12.32 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VF060788.D
Acq: 19 Nov 2018 20:58

Tgt Ion:105 Resp: 49138

Ion	Ratio	Lower	Upper
105	100		
134	29.9	10.1	30.3



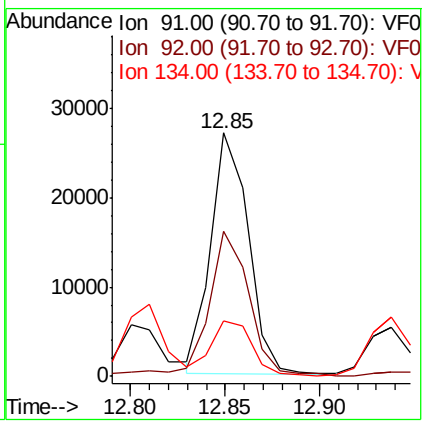


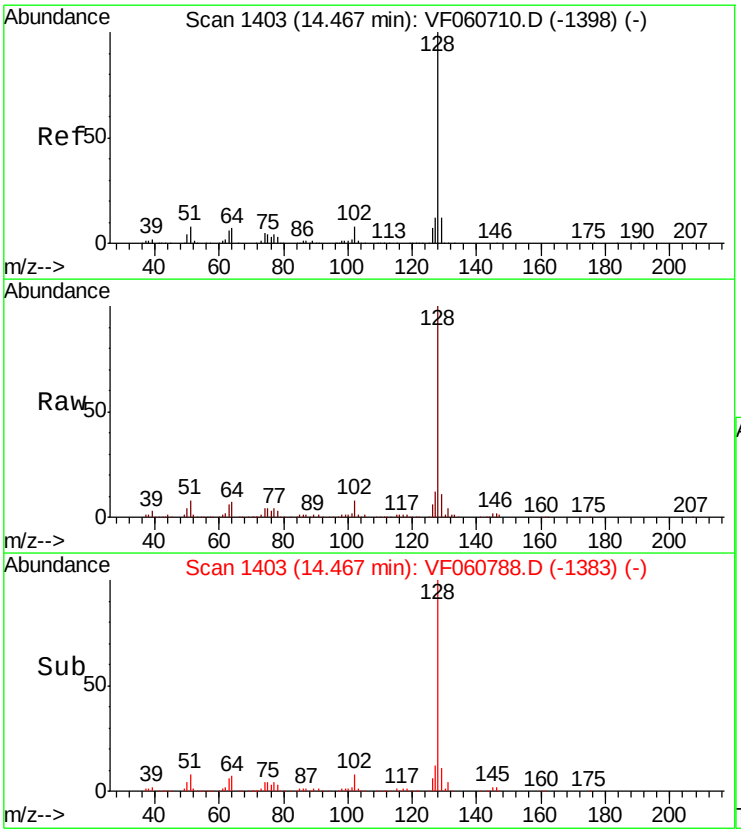
#89
n-Butylbenzene
Concen: 3.543 ug/l
RT: 12.85 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VF060788.D
Acq: 19 Nov 2018 20:58

Instrument :
MSVOA_F
ClientSampleId :
SSI-20-TW-1

Tgt Ion: 91 Resp: 37260

Ion	Ratio	Lower	Upper
91	100		
92	59.7	33.1	99.2
134	22.5	11.9	35.9





#95
Naphthalene
Concen: 36.890 ug/l
RT: 14.47 min Scan# 1403
Delta R.T. 0.00 min
Lab File: VF060788.D
Acq: 19 Nov 2018 20:58

Tgt Ion:128 Resp: 203605

Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.8	14.6
129	11.3	9.3	13.9