Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111618\
Data File : VF060770.D
Acq On : 16 Nov 2018 17:55
Operator : VA/AP
Sample : J5964-01RE
Misc : 6.78g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : LR-RBR-200036RE

Quant Time: Nov 17 04:54:38 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	72066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	116313	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	100998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	55721	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	27298	33.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 66.42%			
35) Dibromofluoromethane	4.13	113	33503	38.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.64%			
50) Toluene-d8	7.57	98	96088	42.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.52%			
62) 4-Bromofluorobenzene	11.42	95	43464	41.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.60%			
Target Compounds						Qvalue
20) Methylene Chloride	2.20	84	3017	2.446	ug/l	91
68) m/p-Xylenes	10.15	106	3188	2.322	ug/l	99
78) n-propylbenzene	11.60	91	10513	2.010	ug/l	92
80) 1,3,5-Trimethylbenzene	11.84	105	12402	3.483	ug/l	95
84) 1,2,4-Trimethylbenzene	12.21	105	38127	10.353	ug/l	92
89) n-Butylbenzene	12.85	91	10312	2.359	ug/l #	80
95) Naphthalene	14.46	128	17626	7.683	ug/l	97

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

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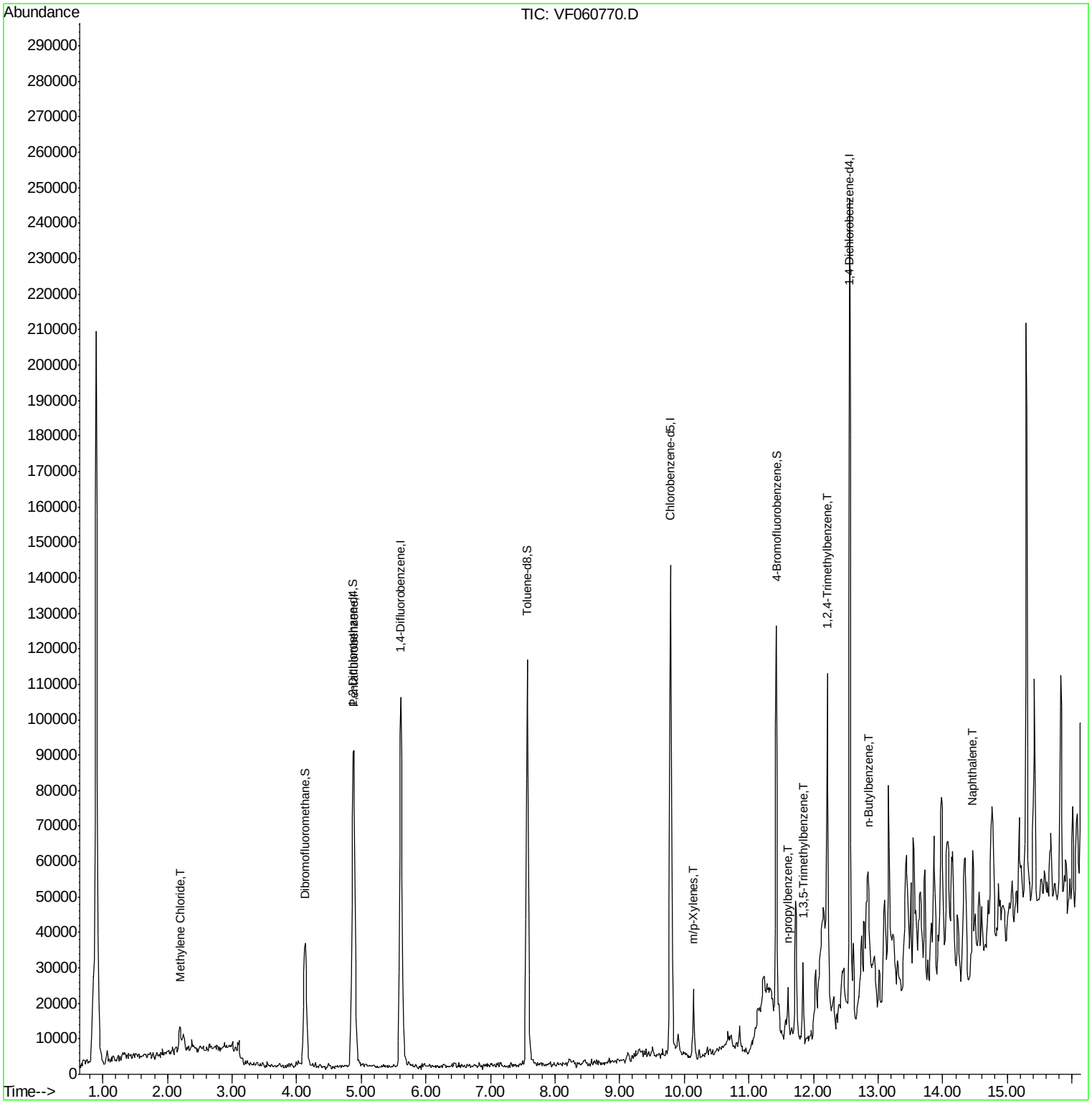
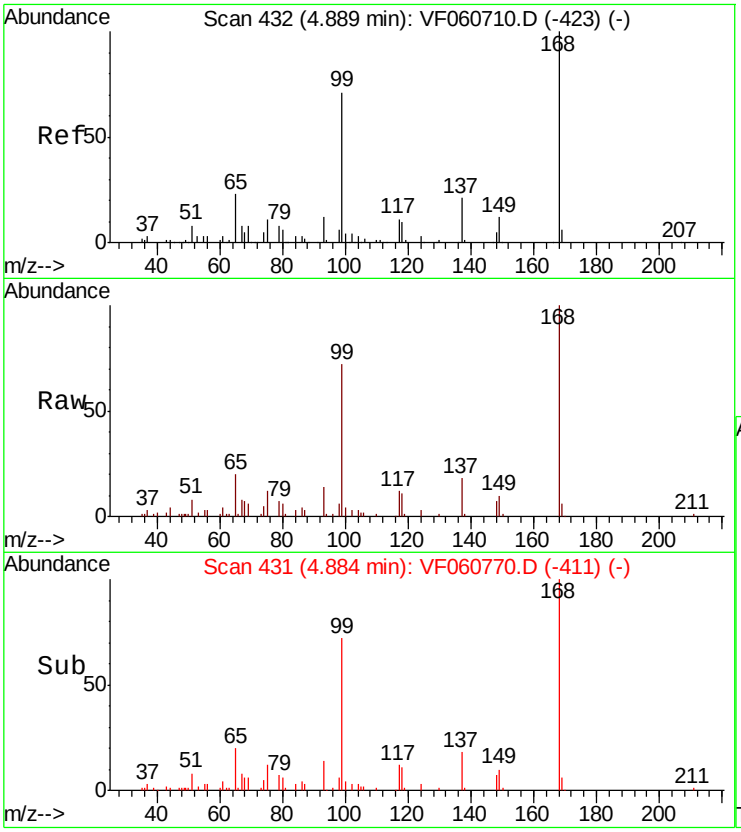


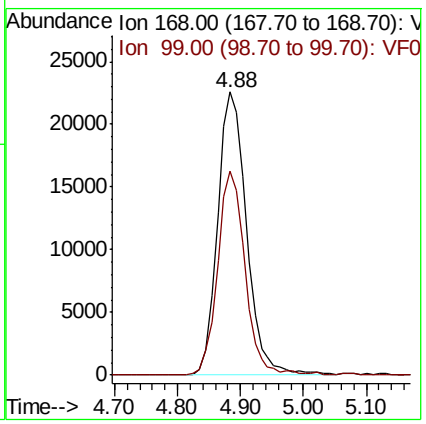


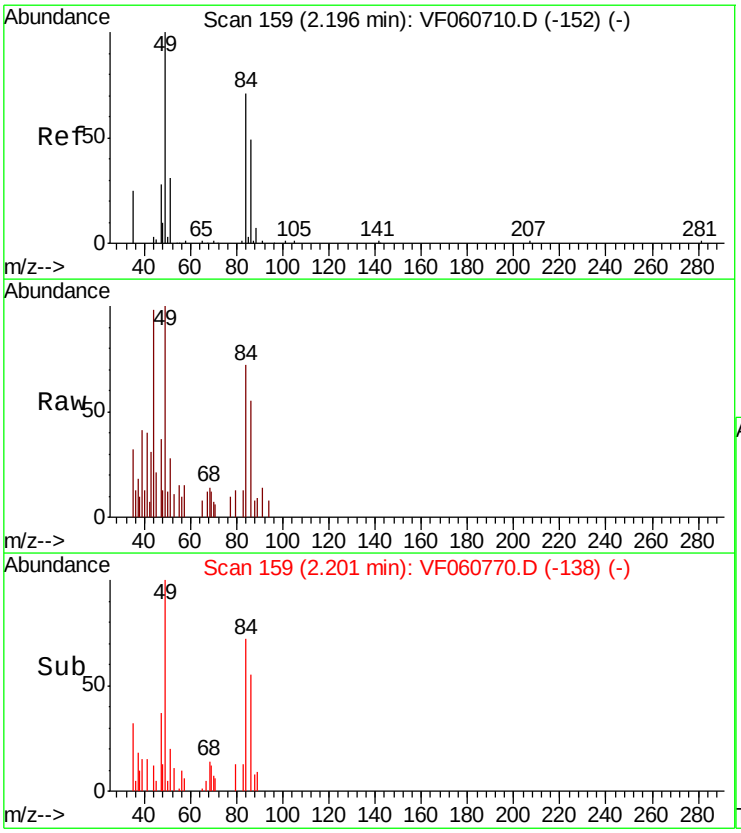
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. -0.01 min
Lab File: VF060770.D
Acq: 16 Nov 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
LR-RBR-200036RE

Tgt Ion:168 Resp: 72066

Ion	Ratio	Lower	Upper
168	100		
99	72.1	57.2	85.8

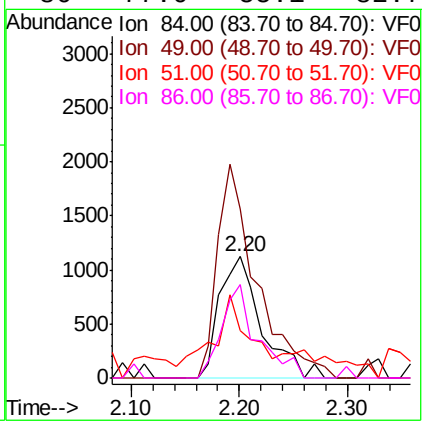


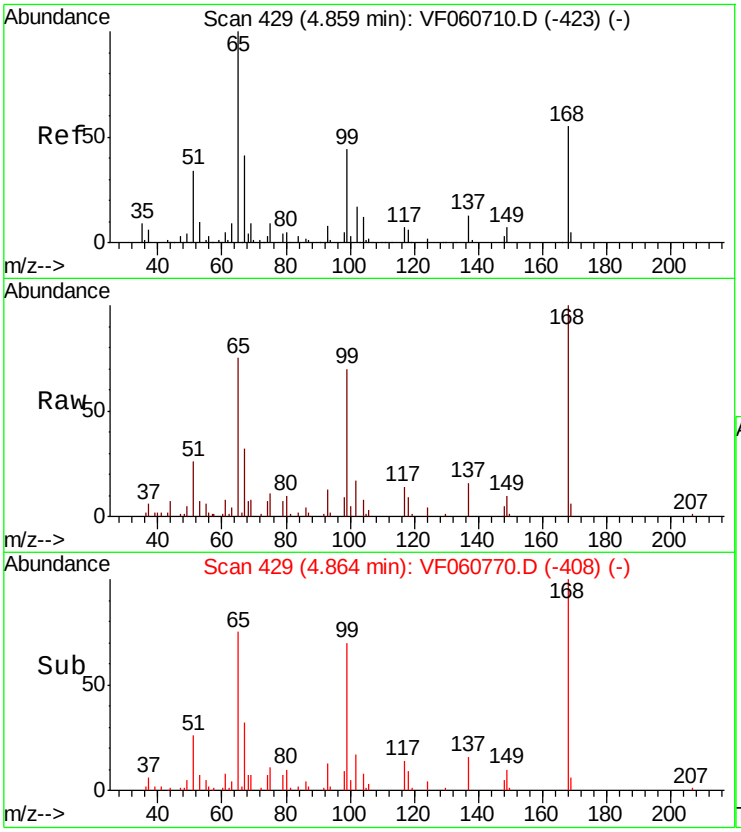


#20
Methylene Chloride
Concen: 2.446 ug/l
RT: 2.20 min Scan# 159
Delta R.T. 0.01 min
Lab File: VF060770.D
Acq: 16 Nov 2018 17:55

Tgt Ion: 84 Resp: 3017

Ion	Ratio	Lower	Upper
84	100		
49	139.3	120.2	180.4
51	39.4	37.2	55.8
86	77.0	55.1	82.7



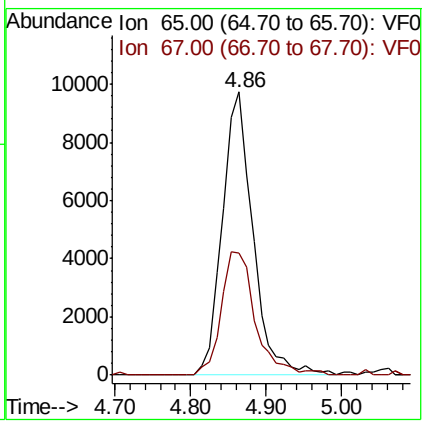


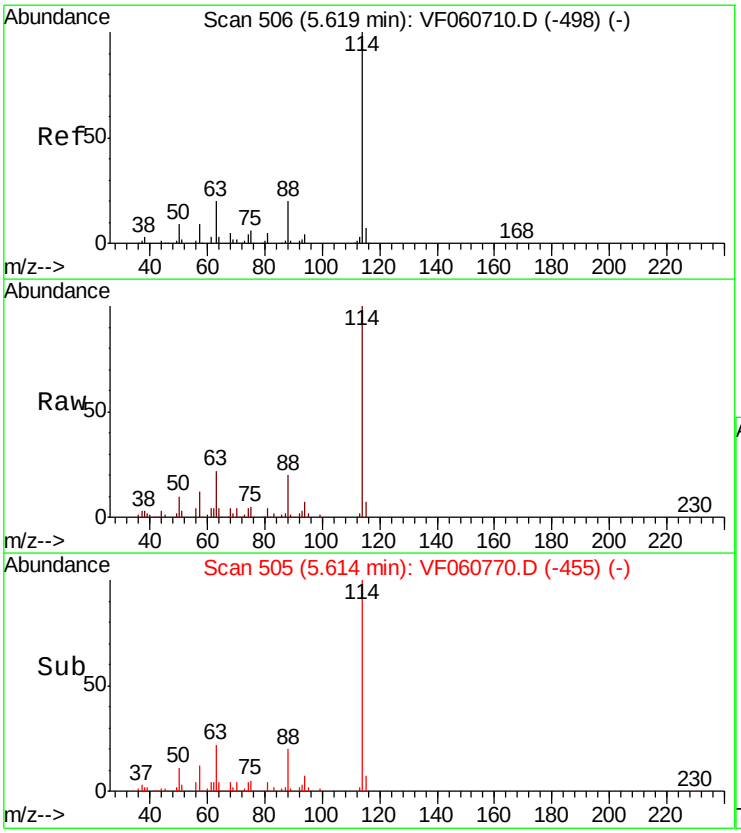
#33
1,2-Dichloroethane-d4
Concen: 33.209 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.00 min
Lab File: VF060770.D
Acq: 16 Nov 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
LR-RBR-200036RE

Tgt Ion: 65 Resp: 27298

Ion	Ratio	Lower	Upper
65	100		
67	43.2	0.0	90.2

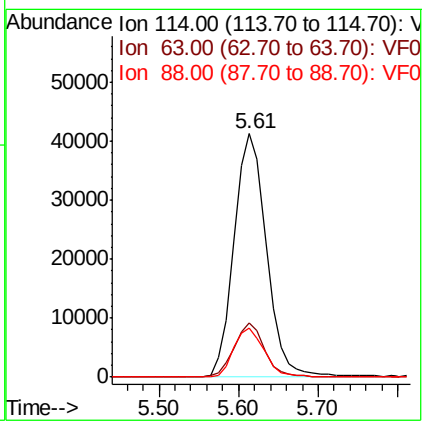


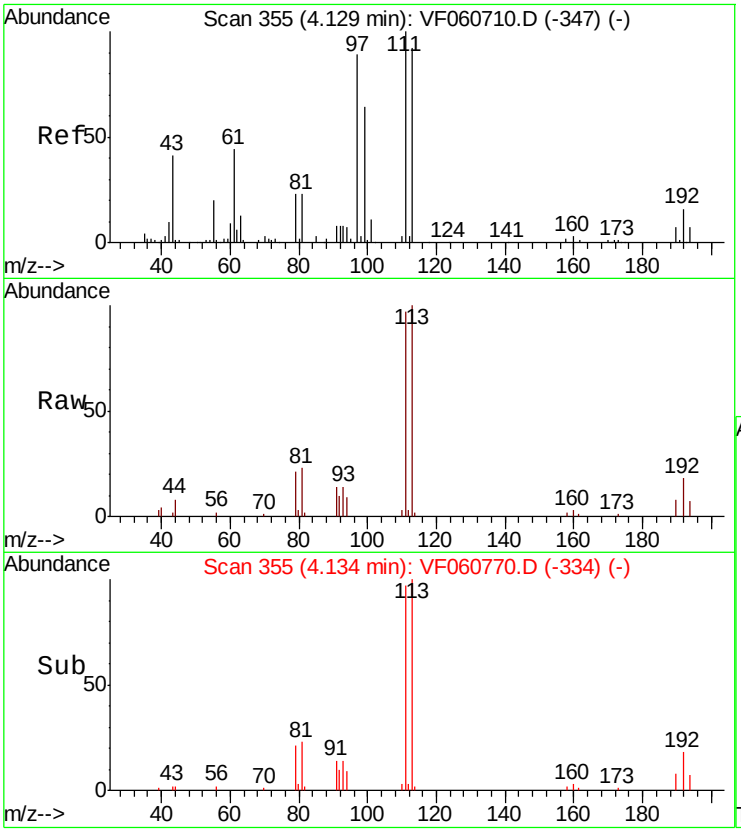


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. -0.00 min
Lab File: VF060770.D
Acq: 16 Nov 2018 17:55

Tgt Ion:114 Resp: 116313

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	40.8
88	20.1	0.0	39.6



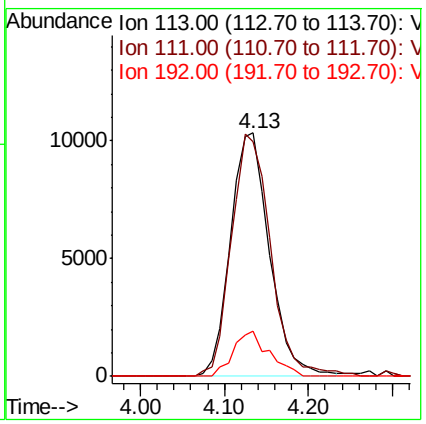


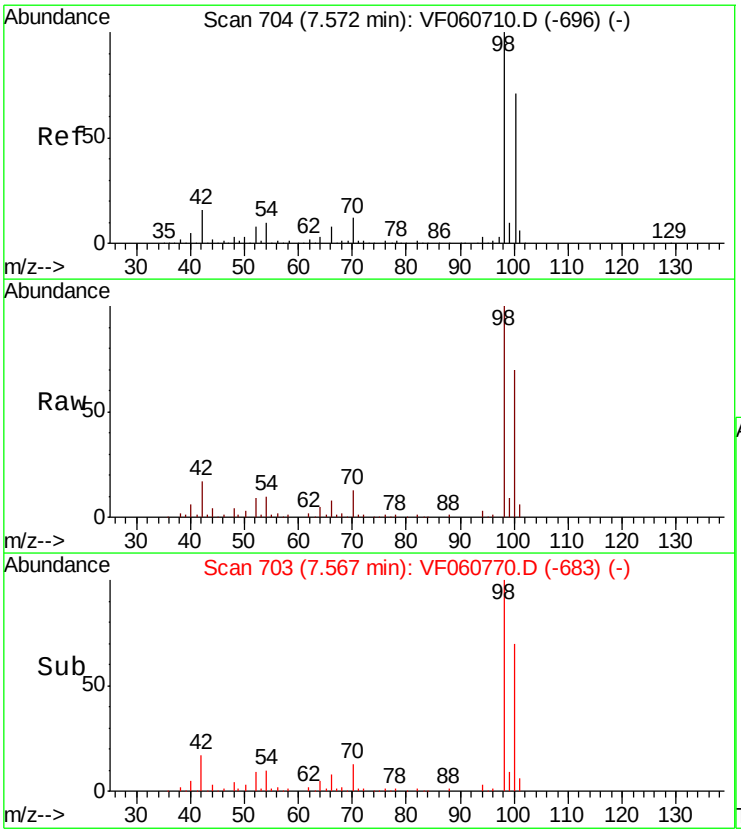
#35
Dibromofluoromethane
Concen: 38.319 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.00 min
Lab File: VF060770.D
Acq: 16 Nov 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
LR-RBR-200036RE

Tgt Ion:113 Resp: 33503

Ion	Ratio	Lower	Upper
113	100		
111	96.6	87.1	130.7
192	18.4	13.8	20.6

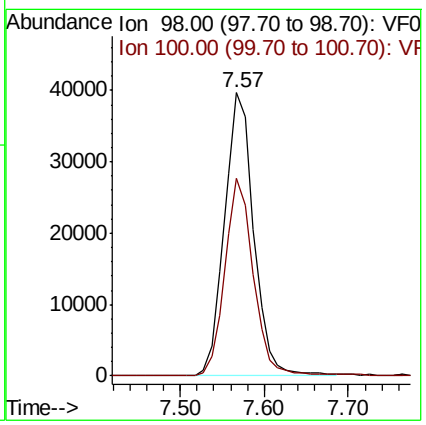


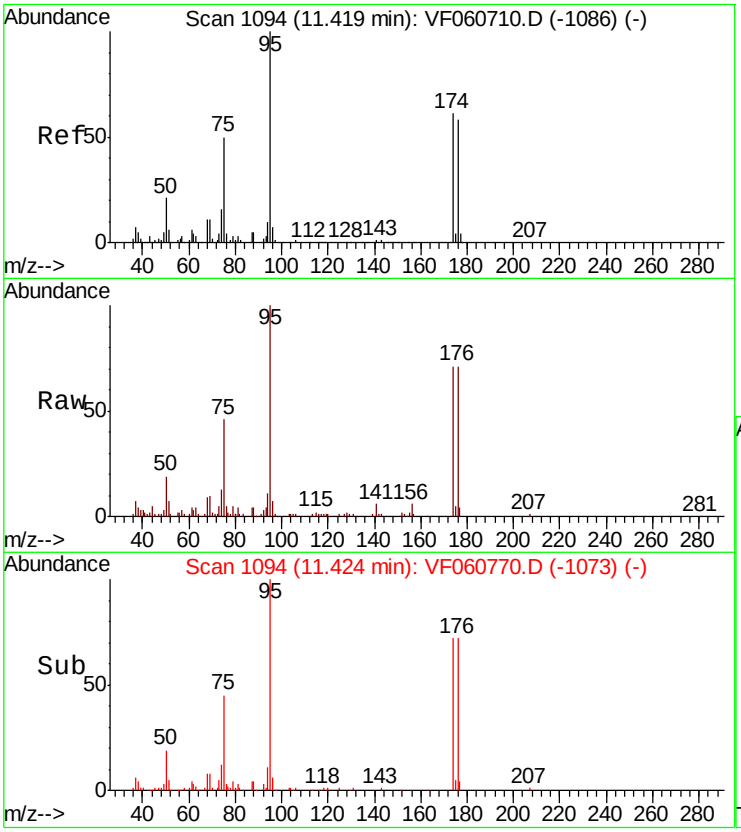


#50
Toluene-d8
Concen: 42.258 ug/l
RT: 7.57 min Scan# 703
Delta R.T. -0.00 min
Lab File: VF060770.D
Acq: 16 Nov 2018 17:55

Tgt Ion: 98 Resp: 96088

Ion	Ratio	Lower	Upper
98	100		
100	69.8	56.5	84.7



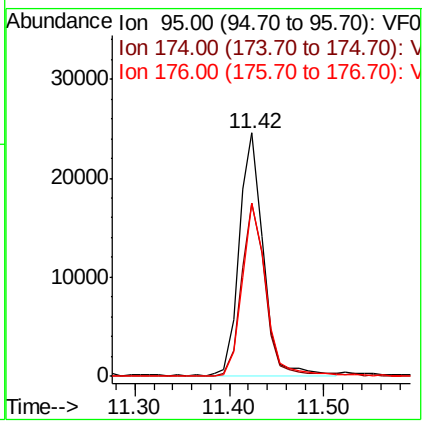


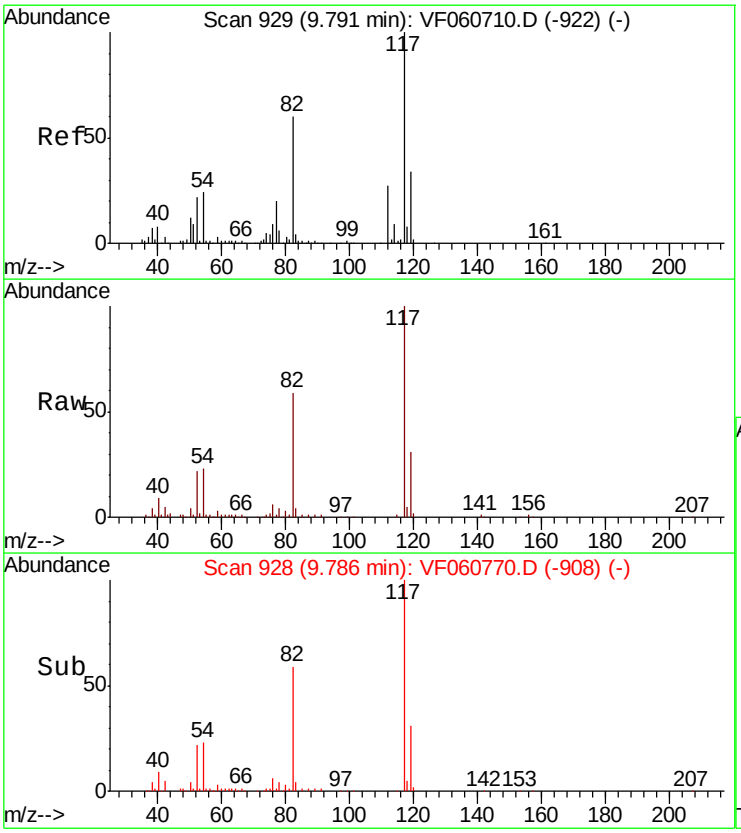
#62
4-Bromofluorobenzene
Concen: 41.305 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF060770.D
Acq: 16 Nov 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
LR-RBR-200036RE

Tgt Ion: 95 Resp: 43464

Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	121.6
176	71.2	0.0	115.2

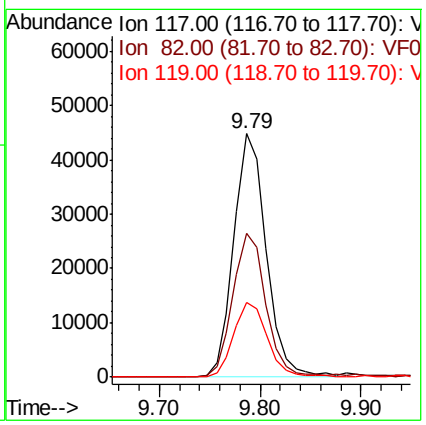


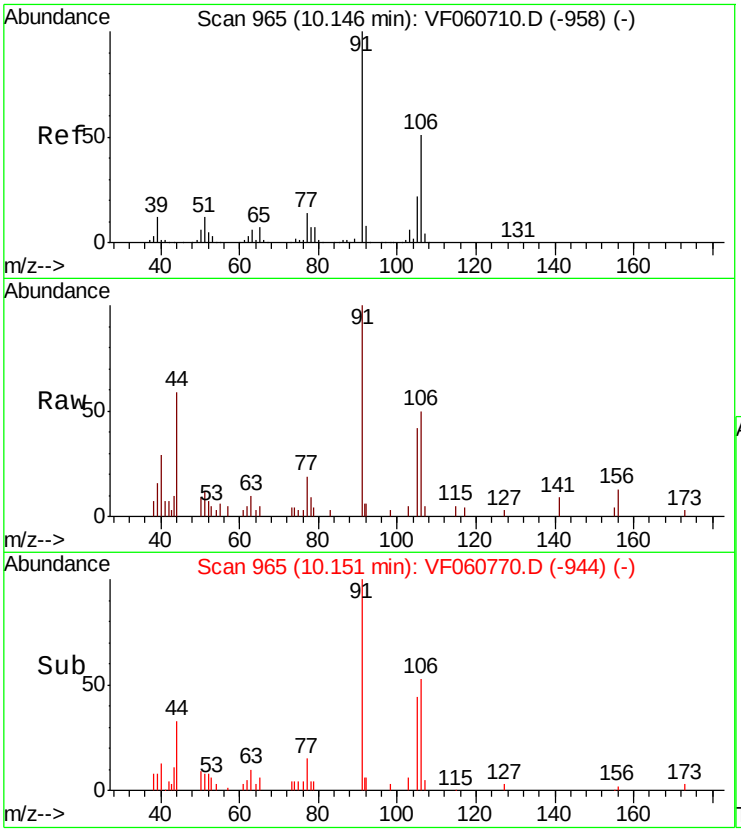


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF060770.D
Acq: 16 Nov 2018 17:55

Tgt Ion:117 Resp: 100998

Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.9	71.9
119	30.5	26.8	40.2



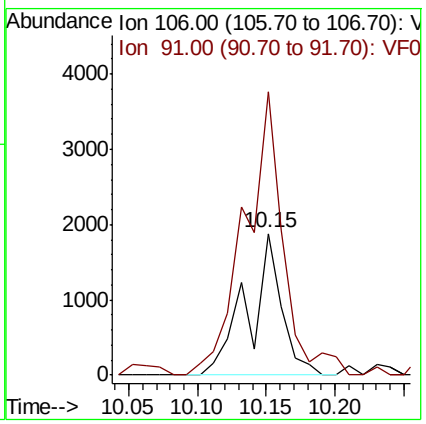


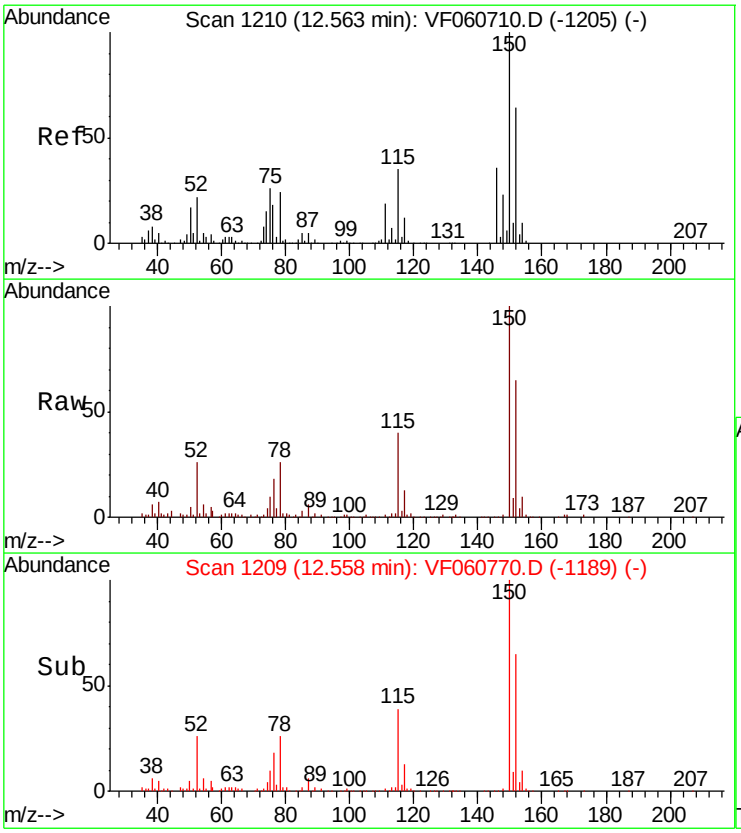
#68
m/p-Xylenes
Concen: 2.322 ug/l
RT: 10.15 min Scan# 965
Delta R.T. 0.00 min
Lab File: VF060770.D
Acq: 16 Nov 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
LR-RBR-200036RE

Tgt Ion:106 Resp: 3188

Ion	Ratio	Lower	Upper
106	100		
91	199.6	158.2	237.2

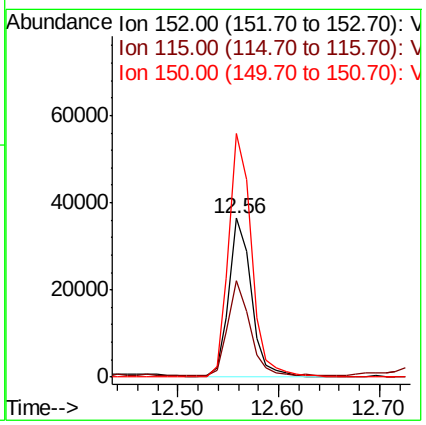


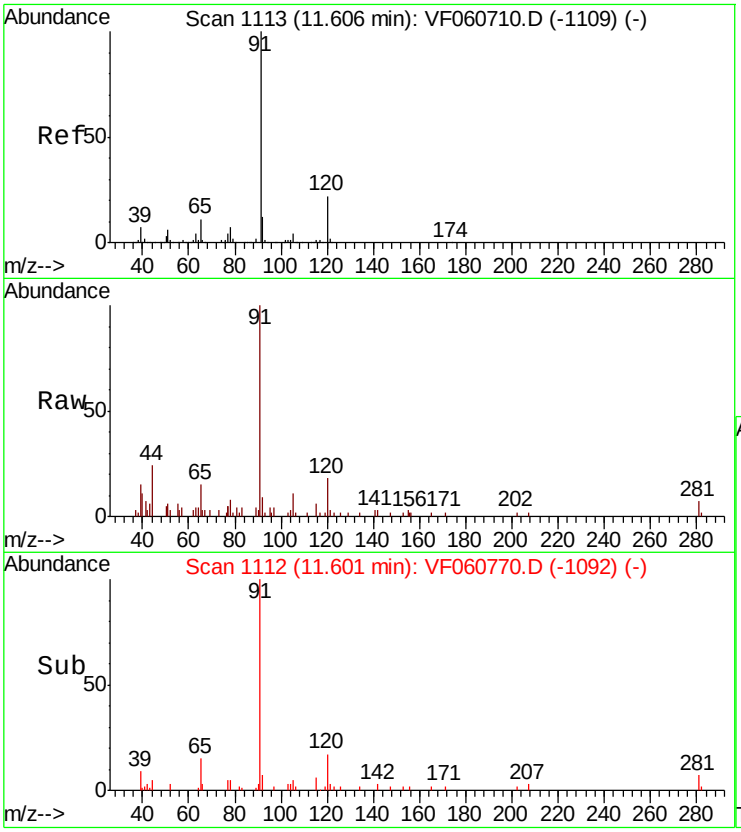


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF060770.D
Acq: 16 Nov 2018 17:55

Tgt Ion:152 Resp: 55721

Ion	Ratio	Lower	Upper
152	100		
115	61.0	27.9	83.7
150	153.4	0.0	316.4



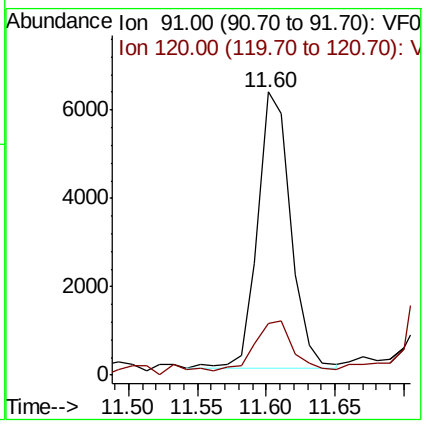


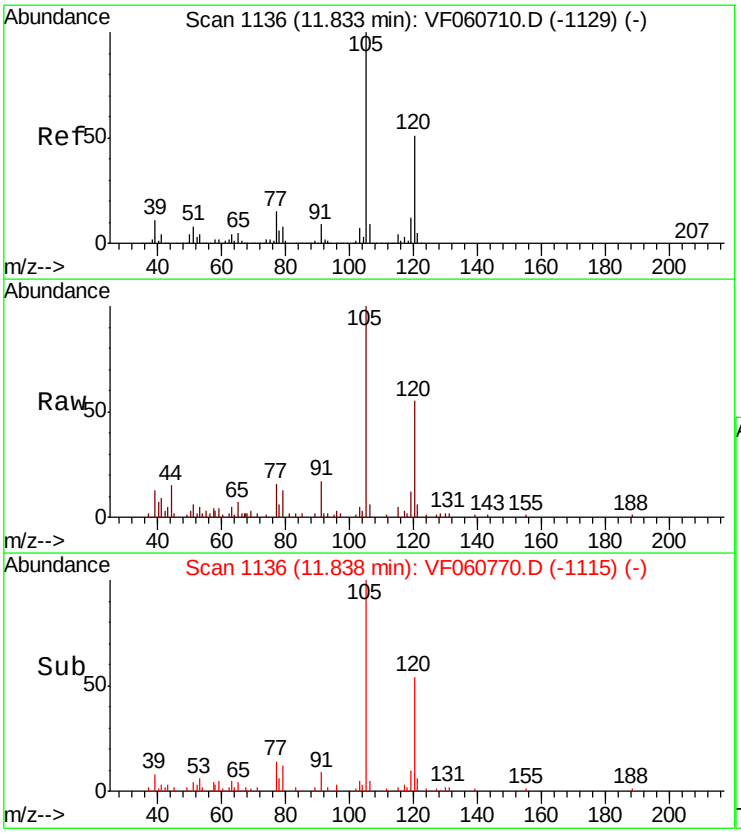
#78
n-propylbenzene
Concen: 2.010 ug/l
RT: 11.60 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF060770.D
Acq: 16 Nov 2018 17:55

Instrument : MSVOA_F
ClientSampleId : LR-RBR-200036RE

Tgt Ion: 91 Resp: 10513

Ion	Ratio	Lower	Upper
91	100		
120	18.4	11.2	33.5

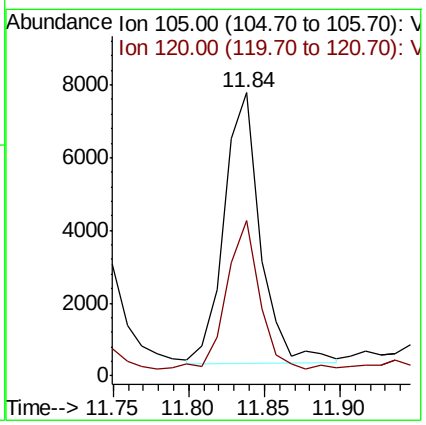


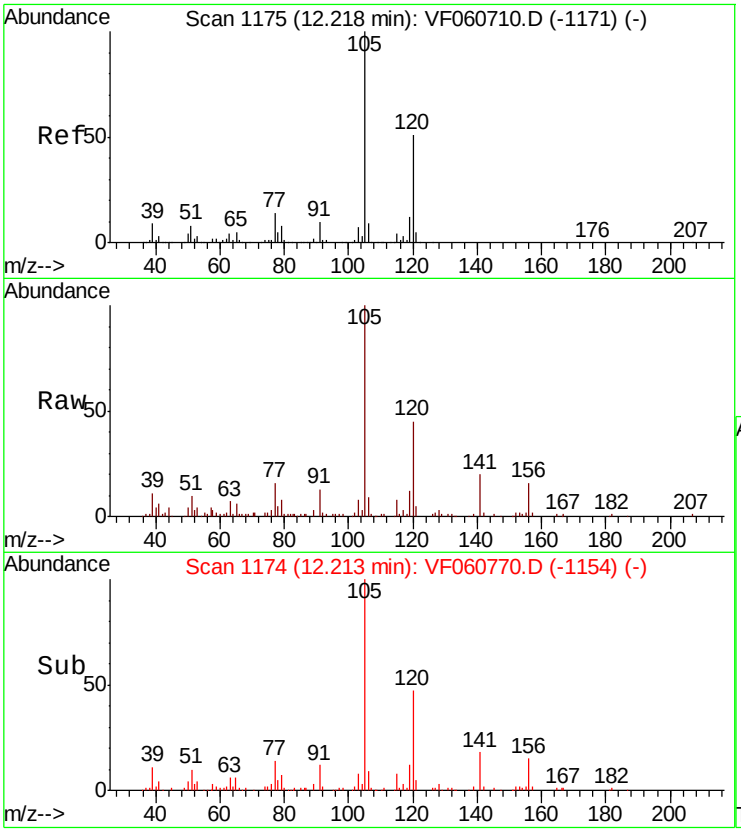


#80
1,3,5-Trimethylbenzene
Concen: 3.483 ug/l
RT: 11.84 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VF060770.D
Acq: 16 Nov 2018 17:55

Tgt Ion:105 Resp: 12402

Ion	Ratio	Lower	Upper
105	100		
120	54.7	25.6	76.8



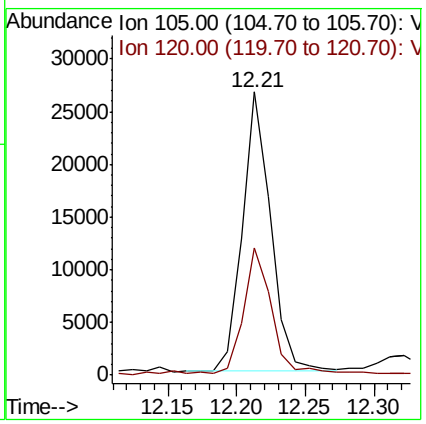


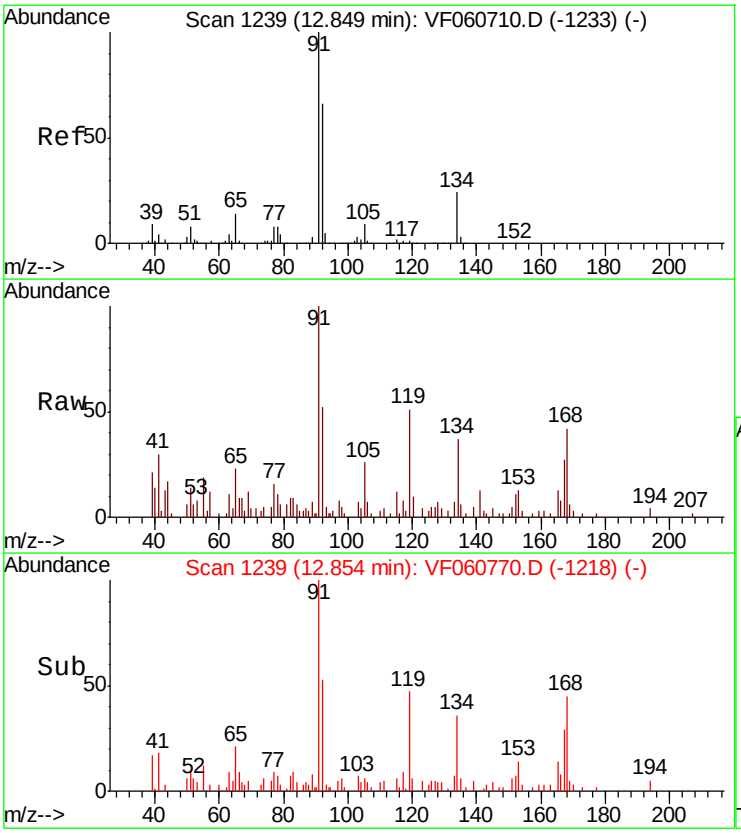
#84
1,2,4-Trimethylbenzene
Concen: 10.353 ug/l
RT: 12.21 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VF060770.D
Acq: 16 Nov 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
LR-RBR-200036RE

Tgt Ion:105 Resp: 38127

Ion	Ratio	Lower	Upper
105	100		
120	45.2	25.5	76.5

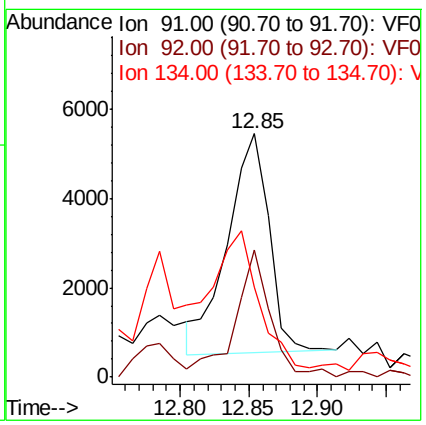


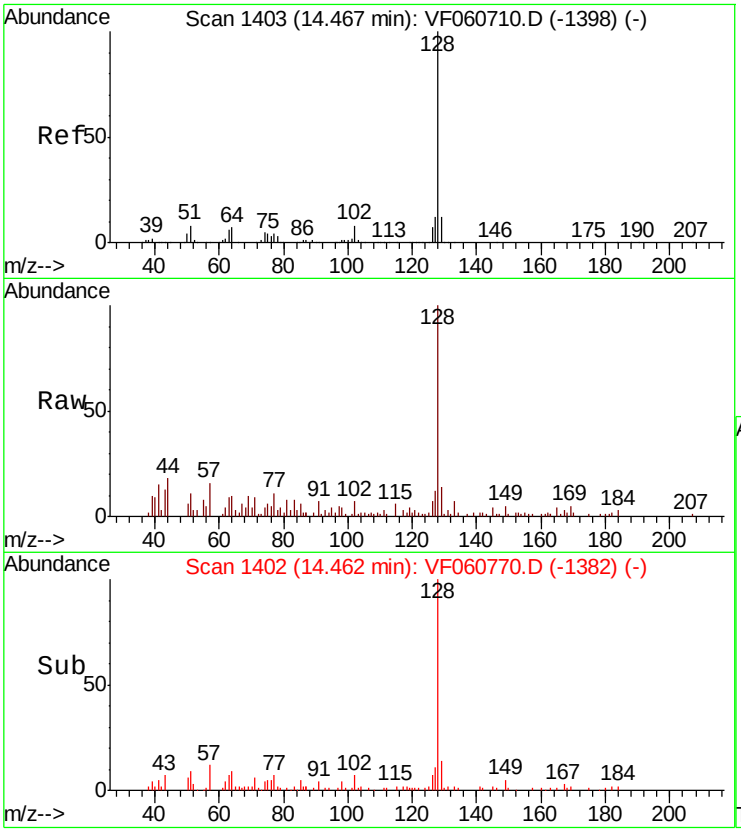


#89
n-Butylbenzene
Concen: 2.359 ug/l
RT: 12.85 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VF060770.D
Acq: 16 Nov 2018 17:55

Tgt Ion: 91 Resp: 10312

Ion	Ratio	Lower	Upper
91	100		
92	52.4	33.1	99.2
134	37.2	11.9	35.9#





#95
Naphthalene
Concen: 7.683 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. -0.00 min
Lab File: VF060770.D
Acq: 16 Nov 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
LR-RBR-200036RE

Tgt Ion:128 Resp: 17626

Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.8	14.6
129	13.6	9.3	13.9