Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111618\
Data File : VD060408.D
Acq On : 16 Nov 2018 19:56
Operator : JC/SY
Sample : J5970-04RE
Misc : 4.64g/5ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-028-BRE

Quant Time: Nov 17 03:57:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1152475	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	1583402	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1137817	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	410908	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	321632	38.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 77.96%			
35) Dibromofluoromethane	6.33	113	421976	35.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.48%			
50) Toluene-d8	9.46	98	1192516	34.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 69.02%			
62) 4-Bromofluorobenzene	12.43	95	371357	29.66	ug/l	-0.01
Spiked Amount 50.000			Recovery = 59.32%			
Target Compounds						Qvalue
16) Acetone	3.17	43	82060	57.329	ug/l	98
20) Methylene Chloride	3.74	84	65368	5.148	ug/l	96
68) m/p-Xylenes	11.56	106	32599	2.095	ug/l	95
69) o-Xylene	11.93	106	21744	1.447	ug/l	79
78) n-propylbenzene	12.64	91	39257	1.051	ug/l	94
80) 1,3,5-Trimethylbenzene	12.80	105	135718	5.833	ug/l	96
84) 1,2,4-Trimethylbenzene	13.09	105	303111	13.045	ug/l	99
95) Naphthalene	14.97	128	52405	4.658	ug/l	97

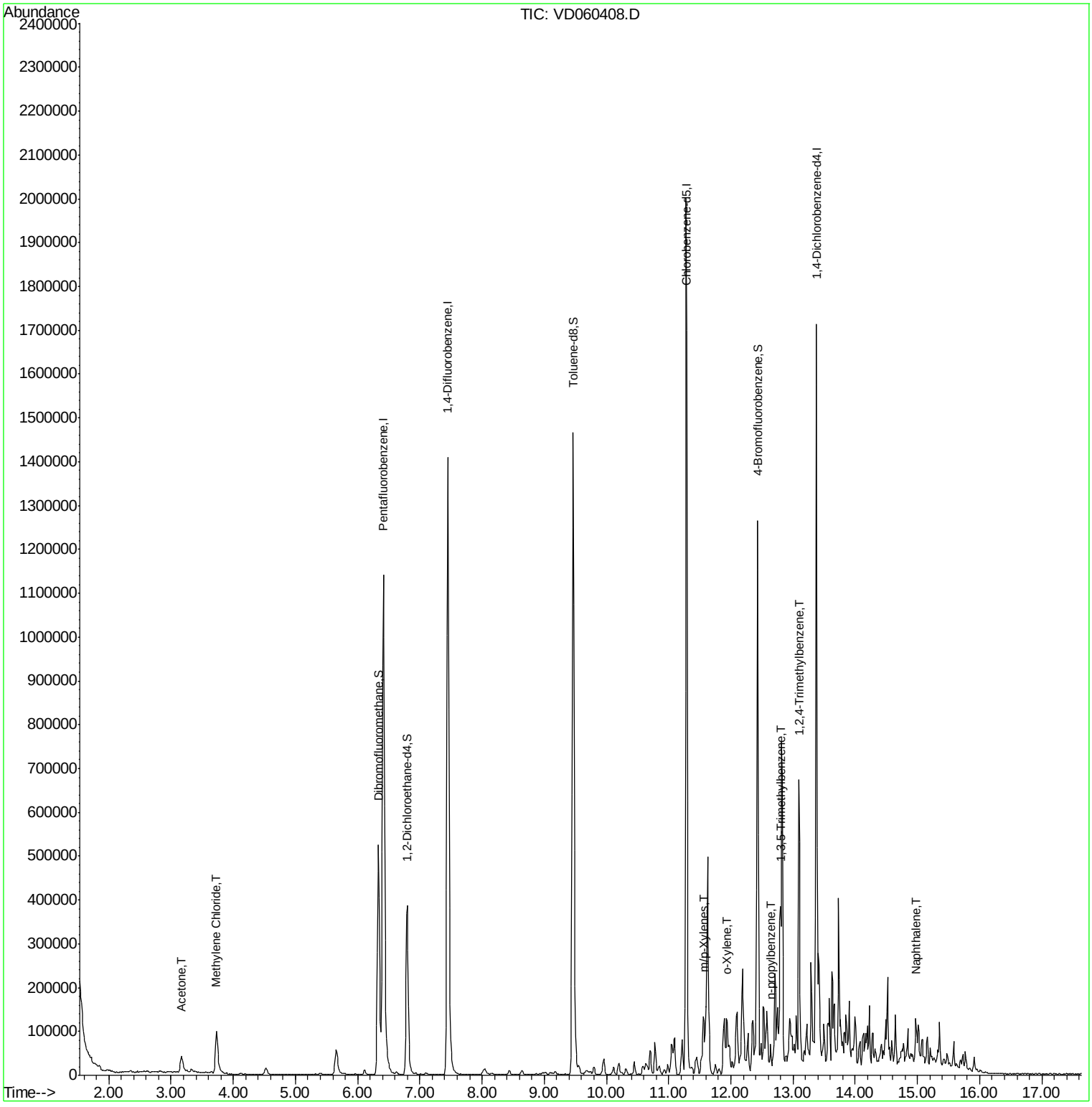
(#) = qualifier out of range (m) = manual integration (+) = signals summed

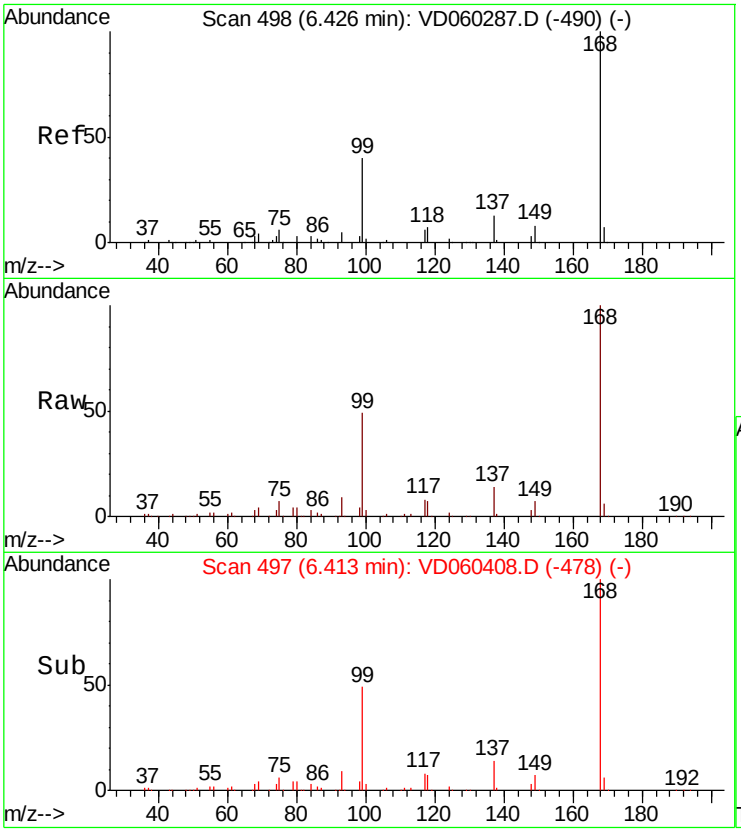
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111618\
Data File : VD060408.D
Acq On : 16 Nov 2018 19:56
Operator : JC/SY
Sample : J5970-04RE
Misc : 4.64g/5ml/MSVOA D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-BRE

Quant Time: Nov 17 03:57:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration



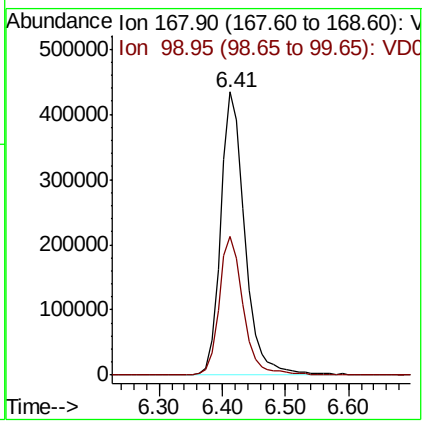


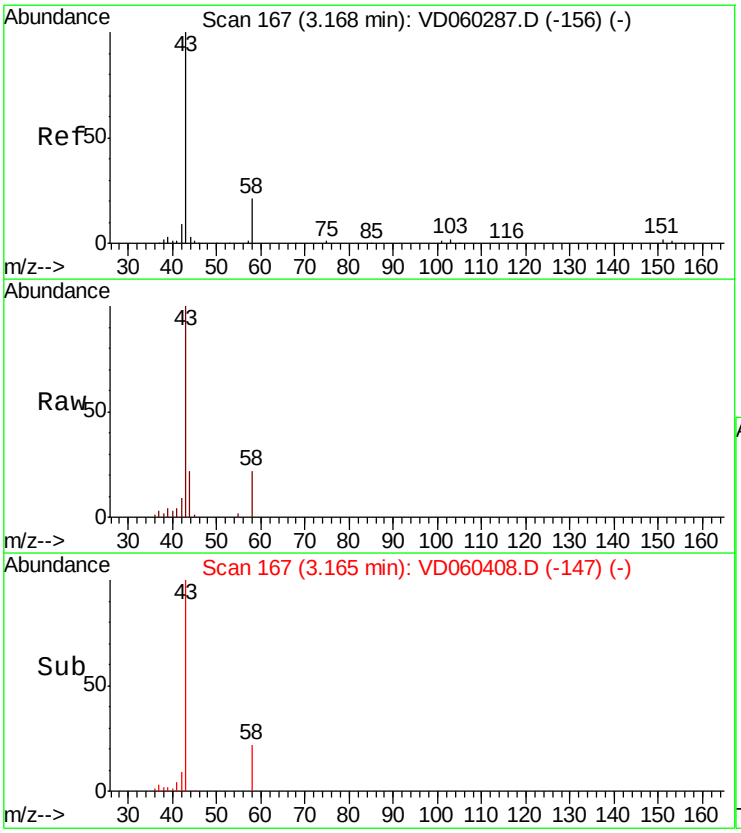
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.01 min
Lab File: VD060408.D
Acq: 16 Nov 2018 19:56

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-BRE

Tgt Ion:168 Resp: 1152475

Ion	Ratio	Lower	Upper
168	100		
99	49.2	39.8	59.8

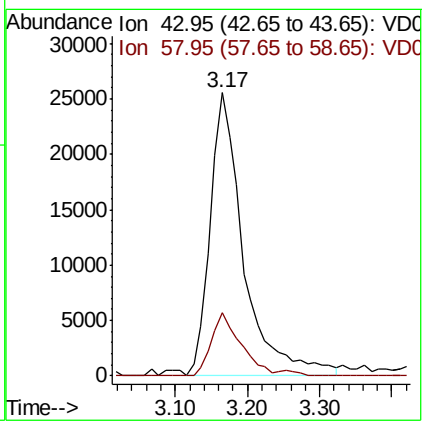


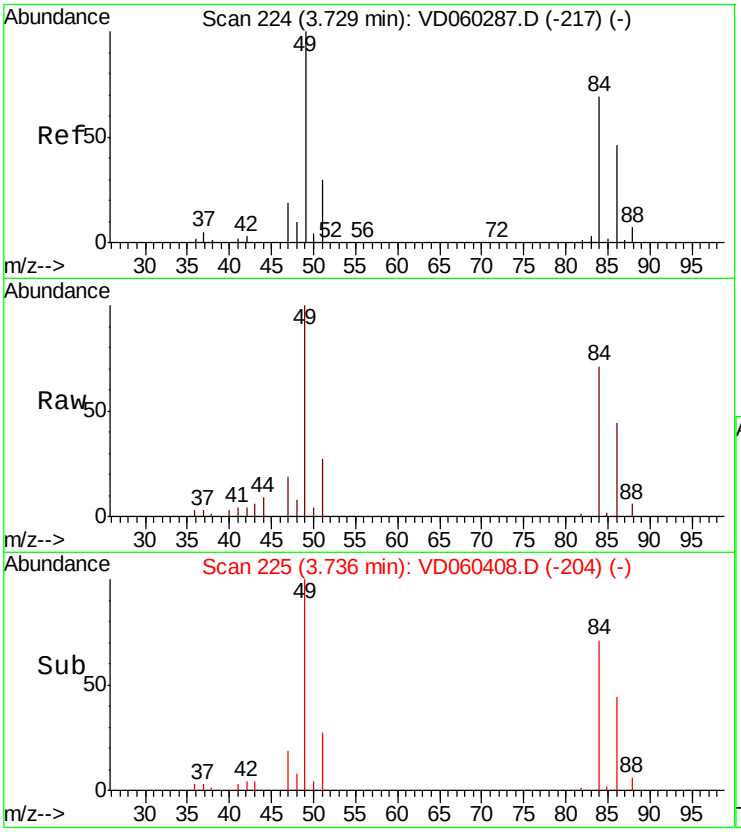


#16
Acetone
Concen: 57.329 ug/l
RT: 3.17 min Scan# 167
Delta R.T. -0.00 min
Lab File: VD060408.D
Acq: 16 Nov 2018 19:56

Tgt Ion: 43 Resp: 82060

Ion	Ratio	Lower	Upper
43	100		
58	22.1	16.9	25.3



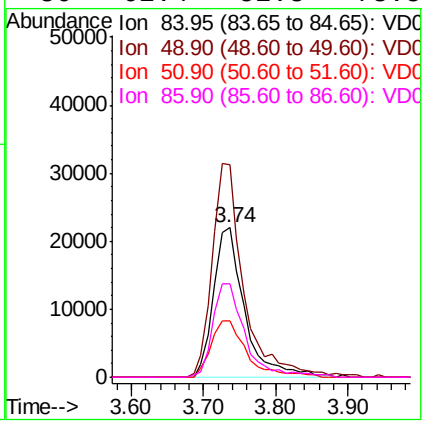


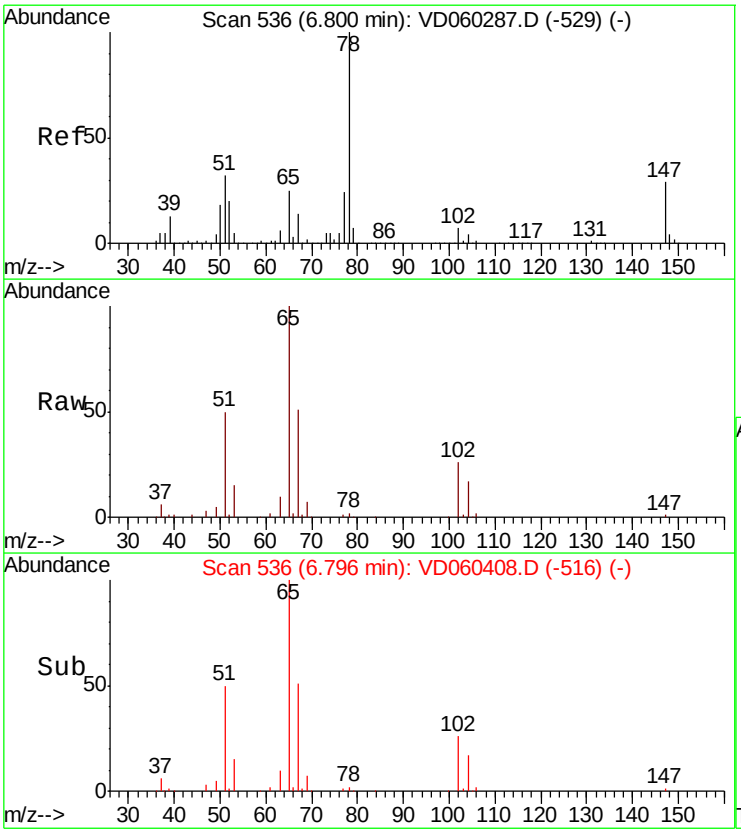
#20
Methylene Chloride
Concen: 5.148 ug/l
RT: 3.74 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD060408.D
Acq: 16 Nov 2018 19:56

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-028-BRE

Tgt Ion: 84 Resp: 65368

Ion	Ratio	Lower	Upper
84	100		
49	141.6	115.6	173.4
51	37.7	35.6	53.4
86	62.4	52.3	78.5

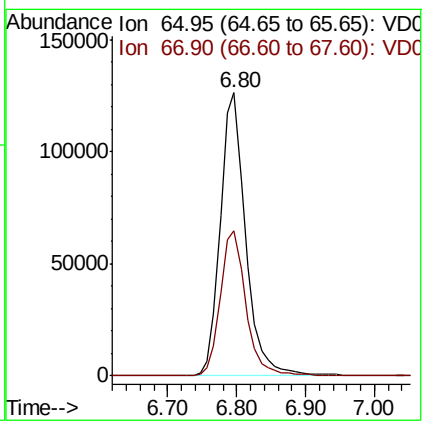


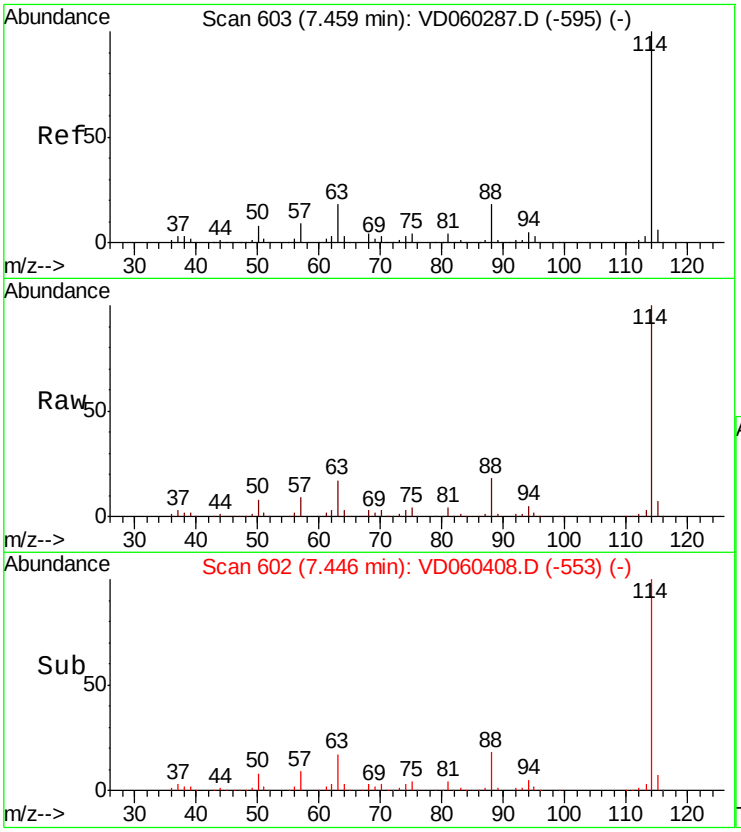


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.80 min Scan# 536
Delta R.T. -0.00 min
Lab File: VD060408.D
Acq: 16 Nov 2018 19:56

Tgt Ion: 65 Resp: 321632

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	109.8



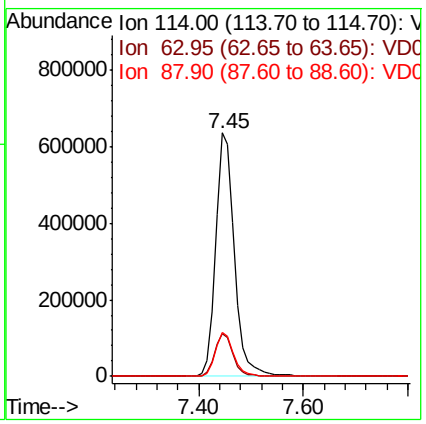


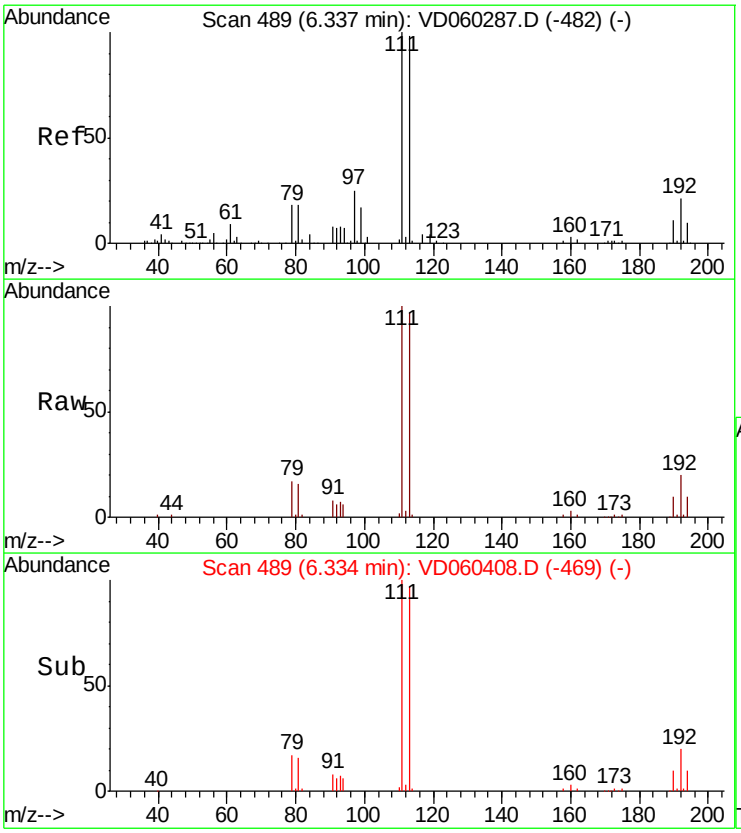
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.45 min Scan# 602
Delta R.T. -0.01 min
Lab File: VD060408.D
Acq: 16 Nov 2018 19:56

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-BRE

Tgt Ion:114 Resp: 1583402

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	34.0
88	18.1	0.0	35.4

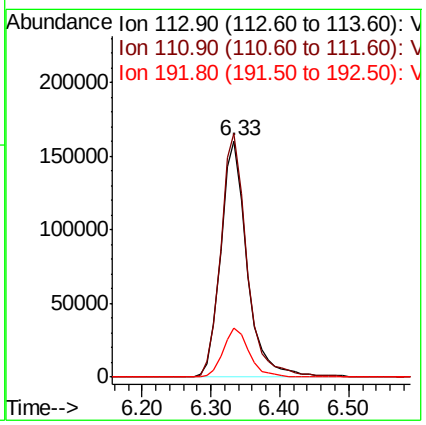


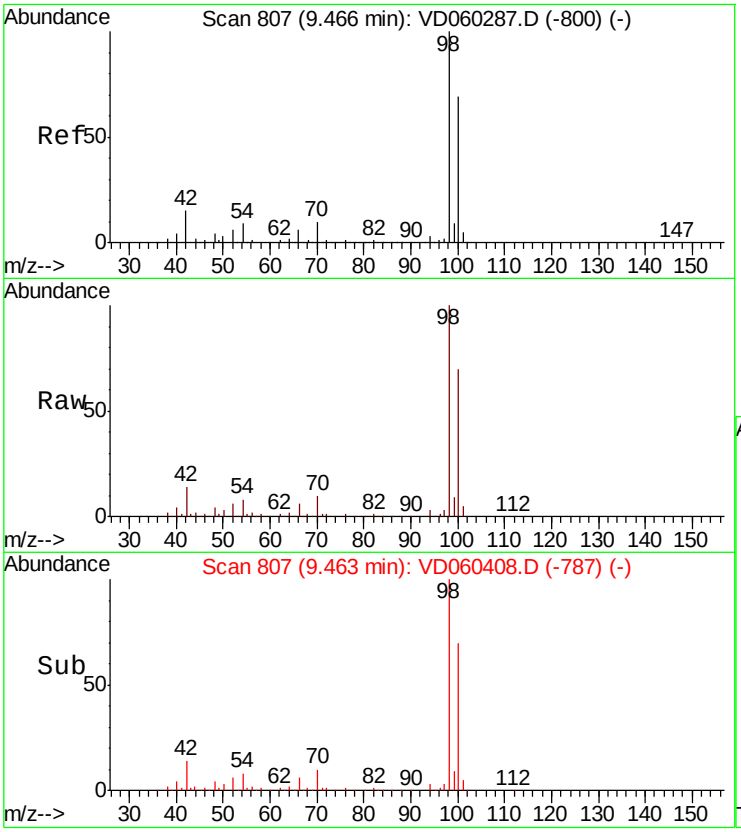


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 489
Delta R.T. -0.00 min
Lab File: VD060408.D
Acq: 16 Nov 2018 19:56

Tgt Ion:113 Resp: 421976

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.6	122.4
192	20.7	16.5	24.7



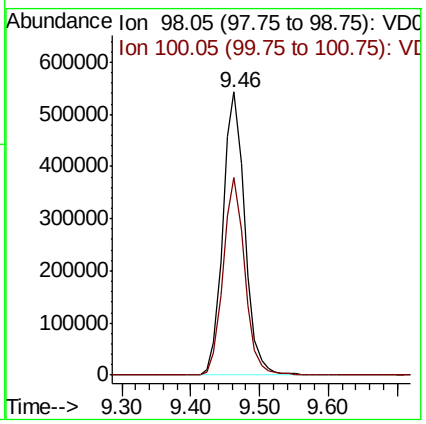


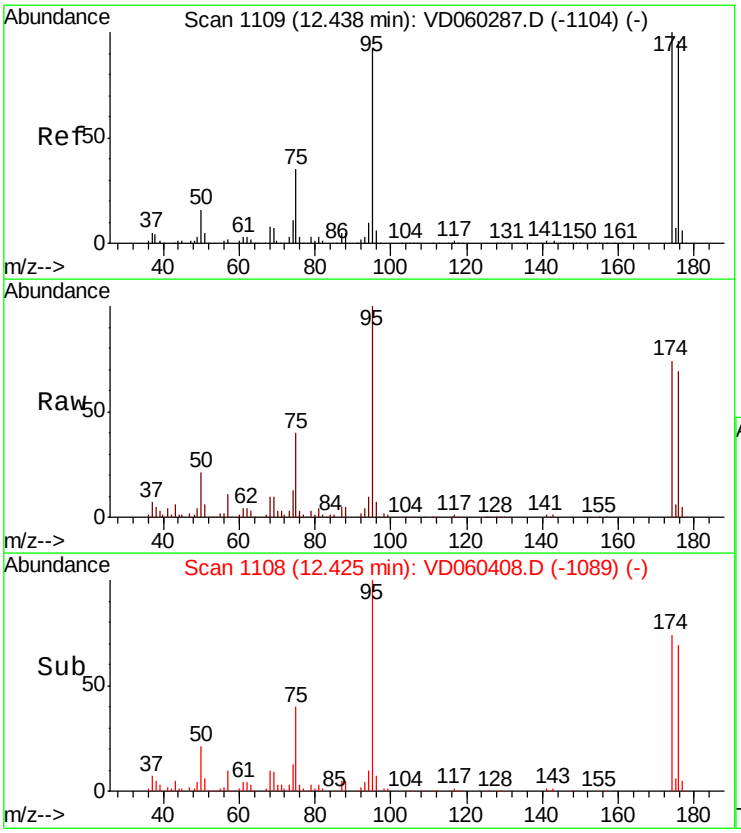
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. -0.00 min
Lab File: VD060408.D
Acq: 16 Nov 2018 19:56

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-BRE

Tgt Ion: 98 Resp: 1192516

Ion	Ratio	Lower	Upper
98	100		
100	69.7	55.2	82.8

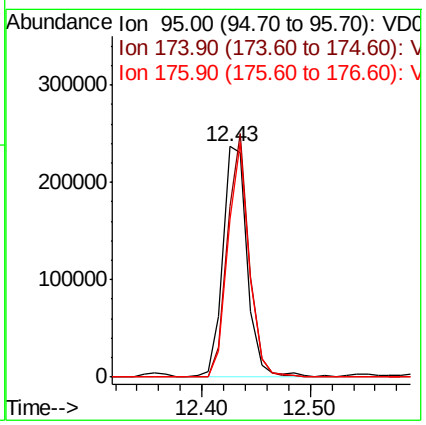


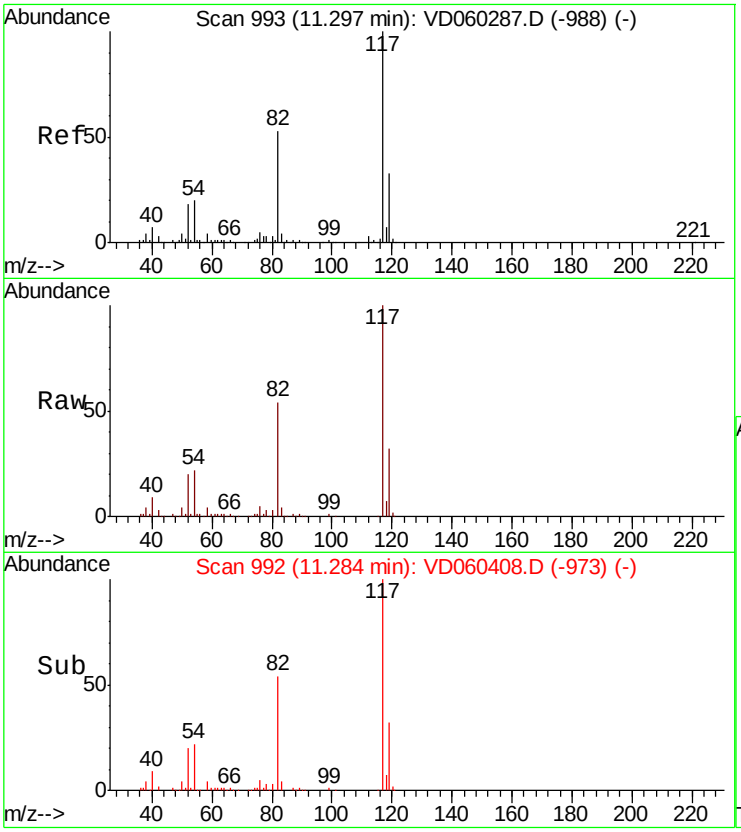


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060408.D
Acq: 16 Nov 2018 19:56

Tgt Ion: 95 Resp: 371357

Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	160.8
176	68.7	0.0	154.6



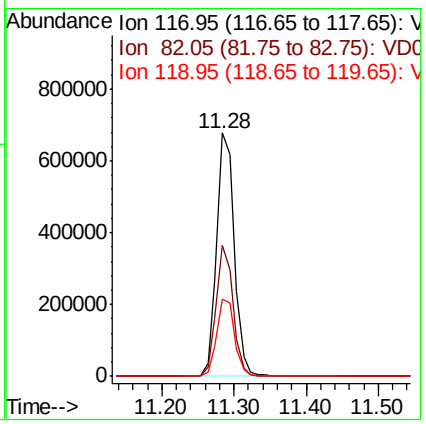


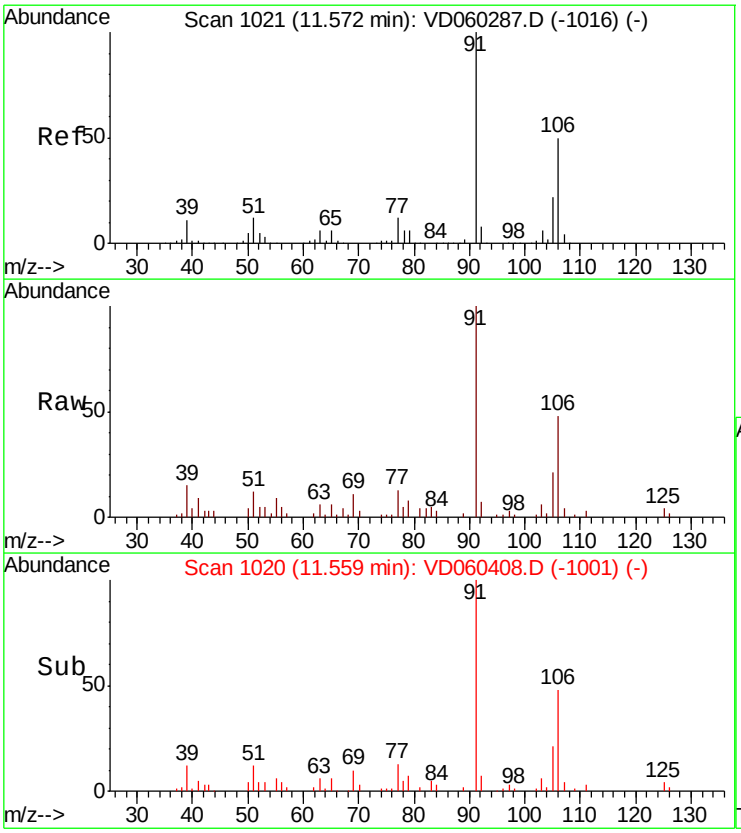
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060408.D
Acq: 16 Nov 2018 19:56

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-028-BRE

Tgt Ion:117 Resp: 1137817

Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.7	65.5
119	31.8	26.1	39.1

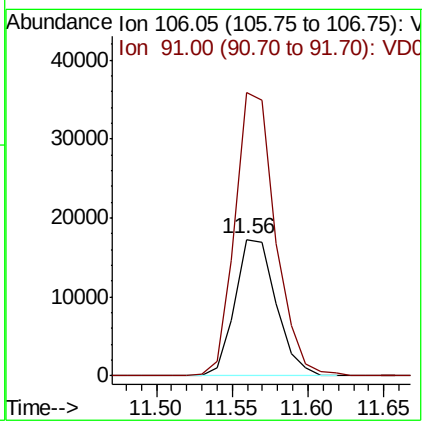


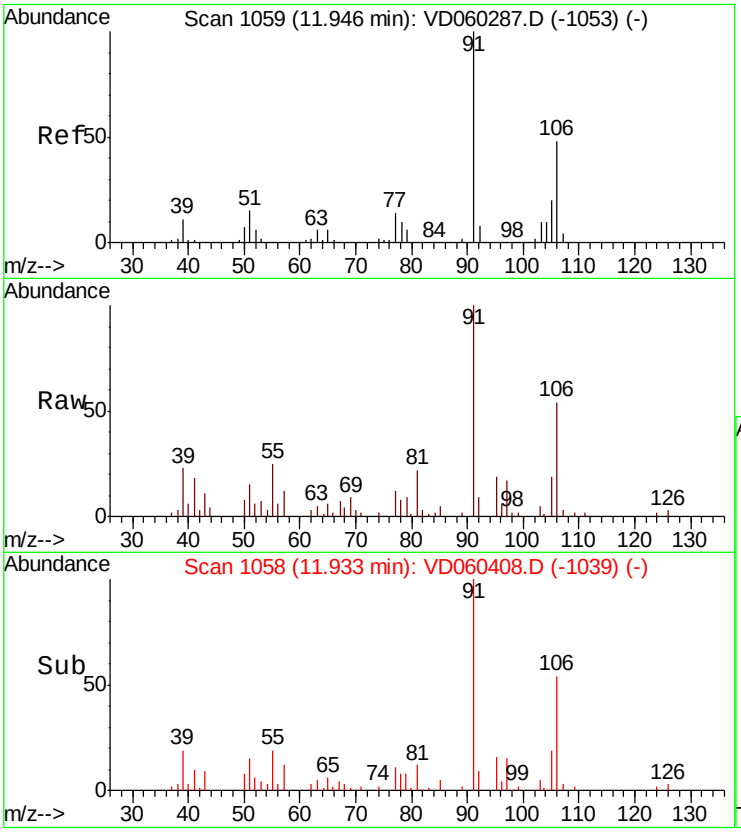


#68
m/p-Xylenes
Concen: 2.095 ug/l
RT: 11.56 min Scan# 1020
Delta R.T. -0.01 min
Lab File: VD060408.D
Acq: 16 Nov 2018 19:56

Tgt Ion:106 Resp: 32599

Ion	Ratio	Lower	Upper
106	100		
91	207.2	159.4	239.2



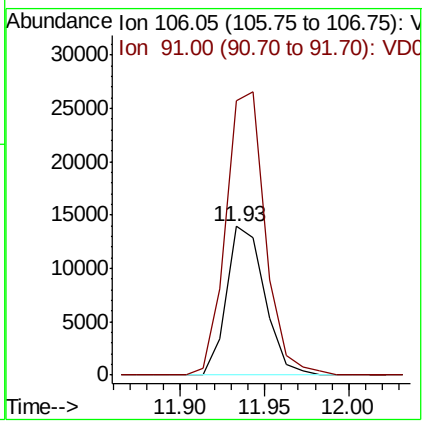


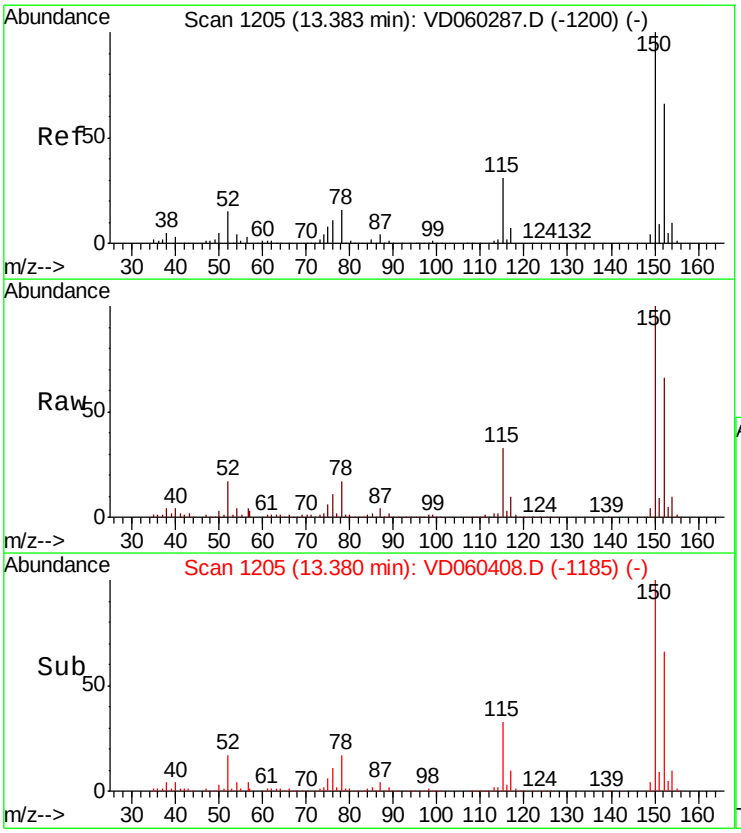
#69
o-Xylene
Concen: 1.447 ug/l
RT: 11.93 min Scan# 1058
Delta R.T. -0.01 min
Lab File: VD060408.D
Acq: 16 Nov 2018 19:56

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-BRE

Tgt Ion:106 Resp: 21744

Ion	Ratio	Lower	Upper
106	100		
91	184.6	109.2	327.6

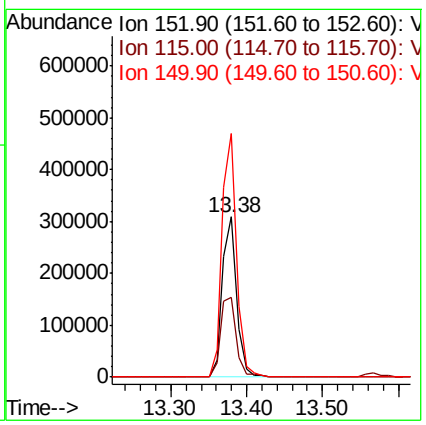


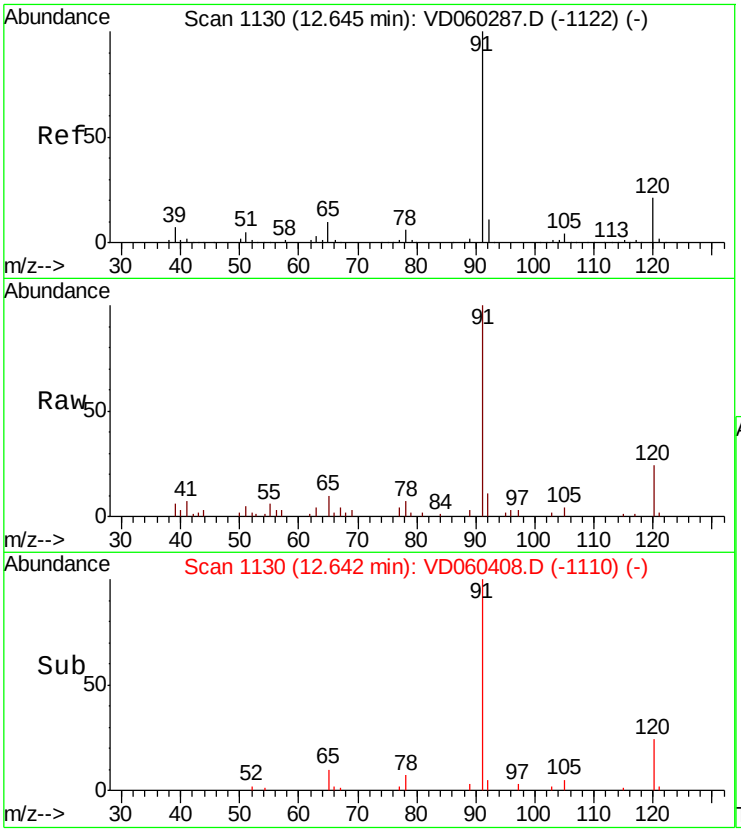


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. -0.00 min
Lab File: VD060408.D
Acq: 16 Nov 2018 19:56

Tgt Ion:152 Resp: 410908

Ion	Ratio	Lower	Upper
152	100		
115	49.7	24.1	72.3
150	152.3	0.0	310.6



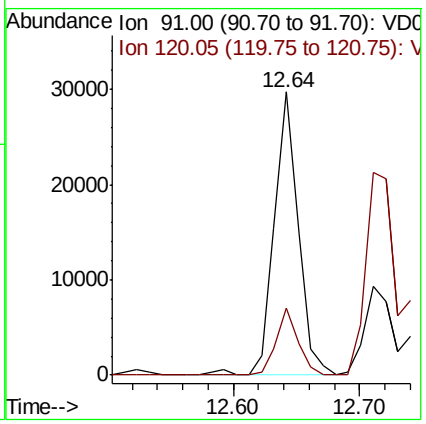


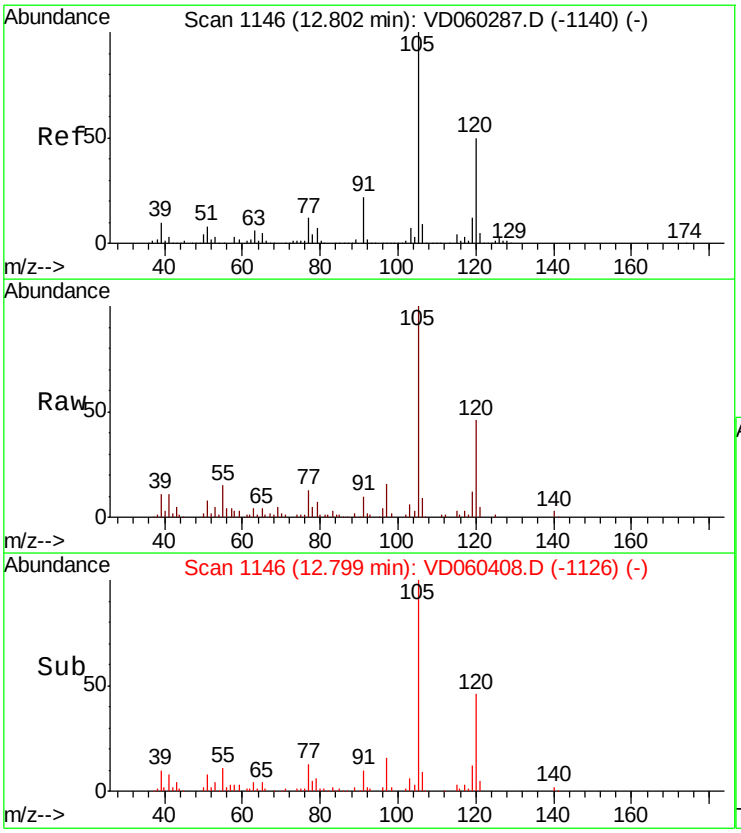
#78
n-propylbenzene
Concen: 1.051 ug/l
RT: 12.64 min Scan# 1130
Delta R.T. -0.00 min
Lab File: VD060408.D
Acq: 16 Nov 2018 19:56

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-028-BRE

Tgt Ion: 91 Resp: 39257

Ion	Ratio	Lower	Upper
91	100		
120	23.6	10.4	31.4

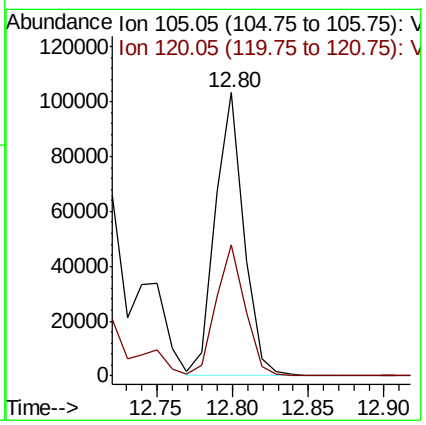


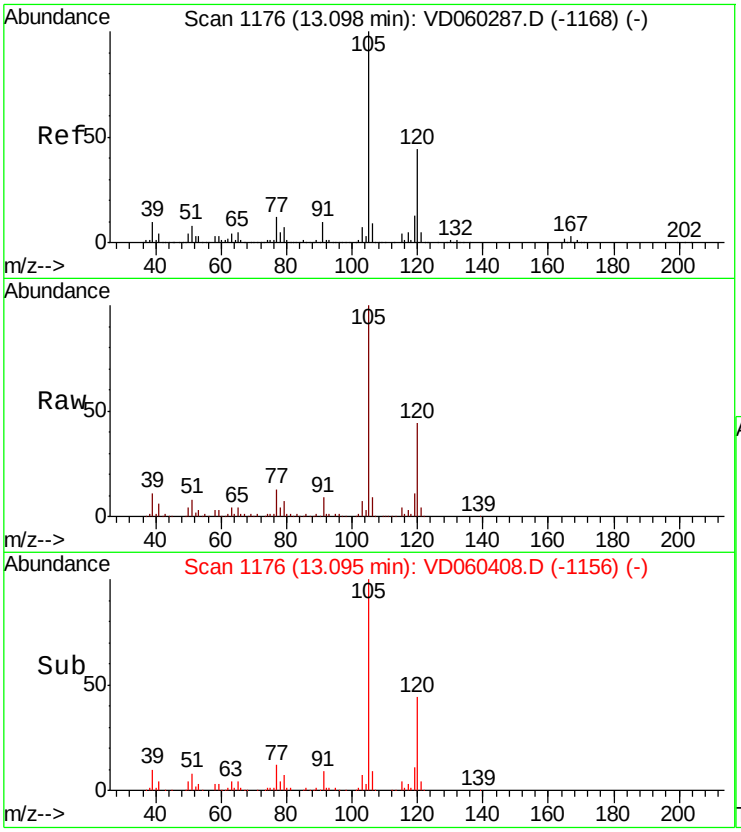


#80
1,3,5-Trimethylbenzene
Concen: 5.833 ug/l
RT: 12.80 min Scan# 1146
Delta R.T. -0.00 min
Lab File: VD060408.D
Acq: 16 Nov 2018 19:56

Tgt Ion:105 Resp: 135718

Ion	Ratio	Lower	Upper
105	100		
120	46.5	24.4	73.4



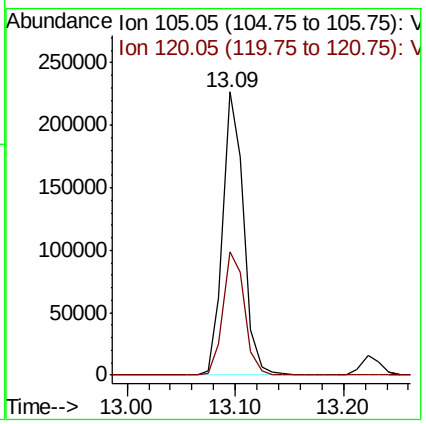


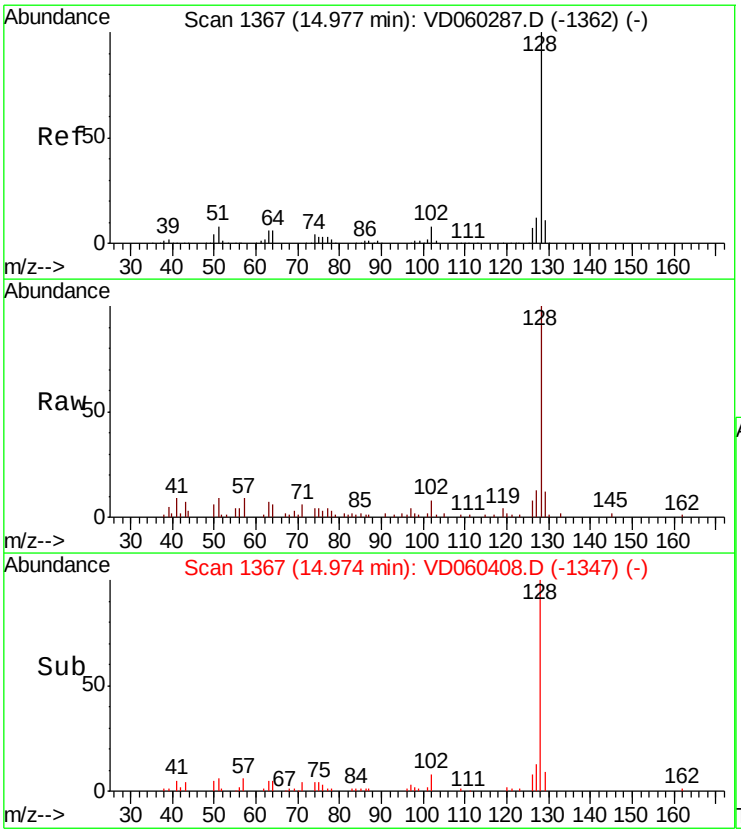
#84
1,2,4-Trimethylbenzene
Concen: 13.045 ug/l
RT: 13.09 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VD060408.D
Acq: 16 Nov 2018 19:56

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-028-BRE

Tgt Ion:105 Resp: 303111

Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.9	65.8





#95
Naphthalene
Concen: 4.658 ug/l
RT: 14.97 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VD060408.D
Acq: 16 Nov 2018 19:56

Tgt Ion:128 Resp: 52405

Ion	Ratio	Lower	Upper
128	100		
127	13.3	9.6	14.4
129	11.6	8.6	12.8