Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111618\
Data File : VD060406.D
Acq On : 16 Nov 2018 19:00
Operator : JC/SY
Sample : J5970-02
Misc : 7.425g/5ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Nov 17 03:50:57 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	1314391	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.46	114	1862361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1388680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	571172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	296077	31.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 62.92%			
35) Dibromofluoromethane	6.33	113	440404	31.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 63.42%			
50) Toluene-d8	9.46	98	1213293	29.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 59.70%			
62) 4-Bromofluorobenzene	12.44	95	402850	27.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 54.70%			
Target Compounds						Qvalue
16) Acetone	3.17	43	87927	53.861	ug/l	98
20) Methylene Chloride	3.74	84	64668	4.466	ug/l	96
68) m/p-Xylenes	11.57	106	33764	1.778	ug/l	94
69) o-Xylene	11.94	106	22288	1.215	ug/l	82
80) 1,3,5-Trimethylbenzene	12.80	105	157080	4.857	ug/l	97
84) 1,2,4-Trimethylbenzene	13.09	105	358428	11.097	ug/l	100
95) Naphthalene	14.97	128	26169	1.673	ug/l	97

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

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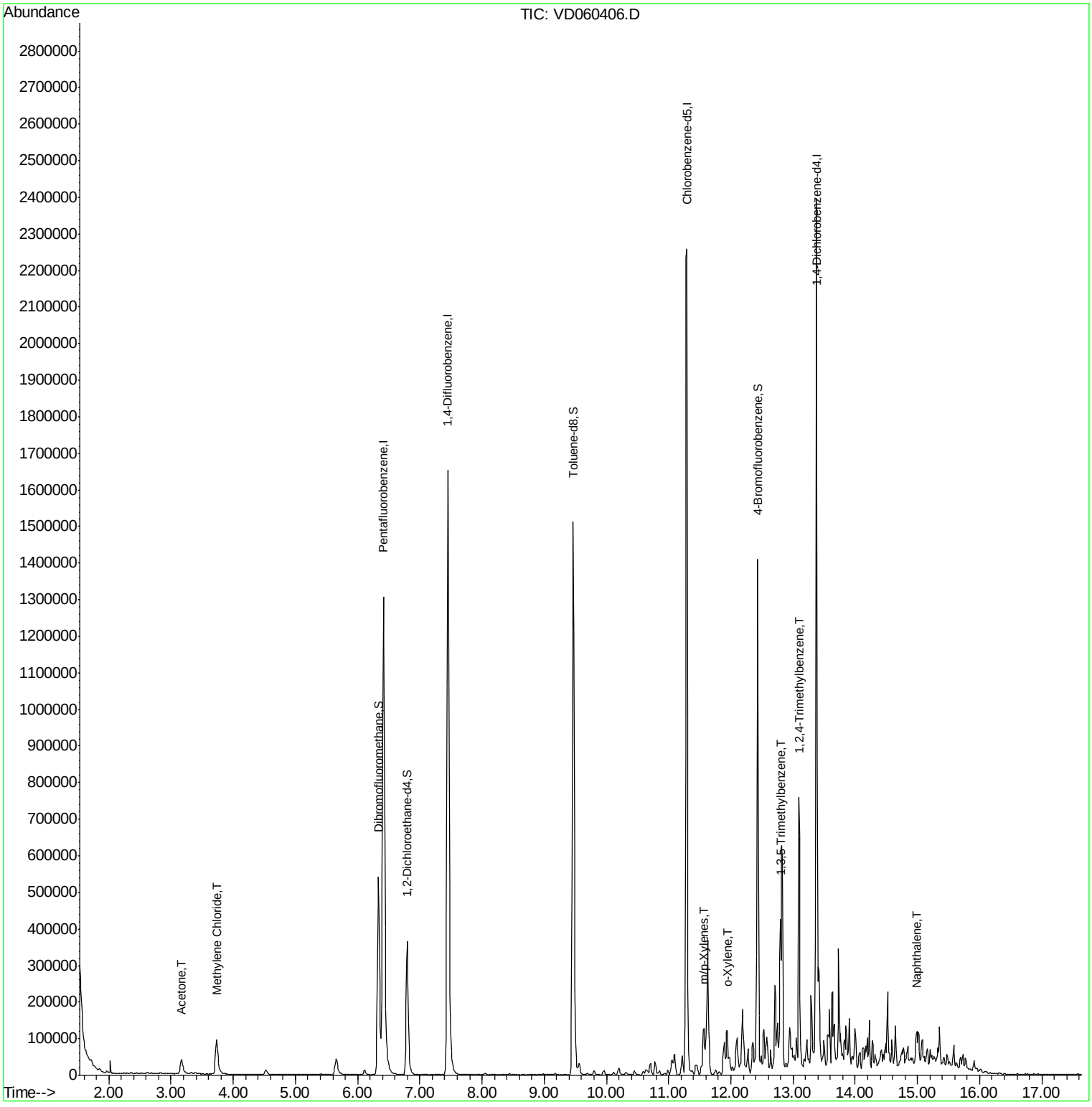
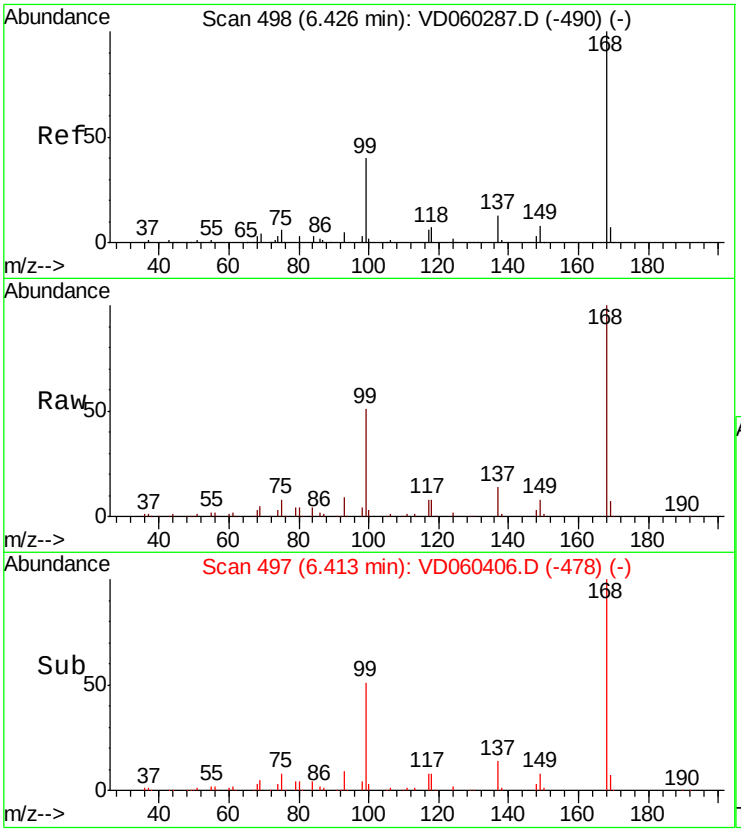


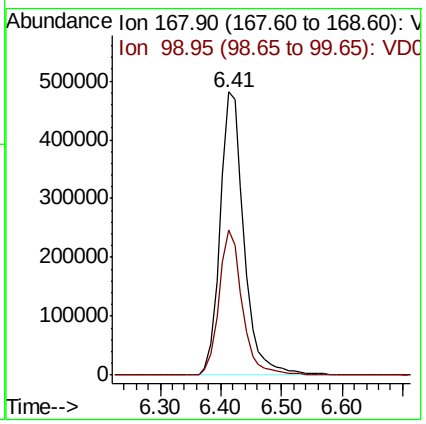


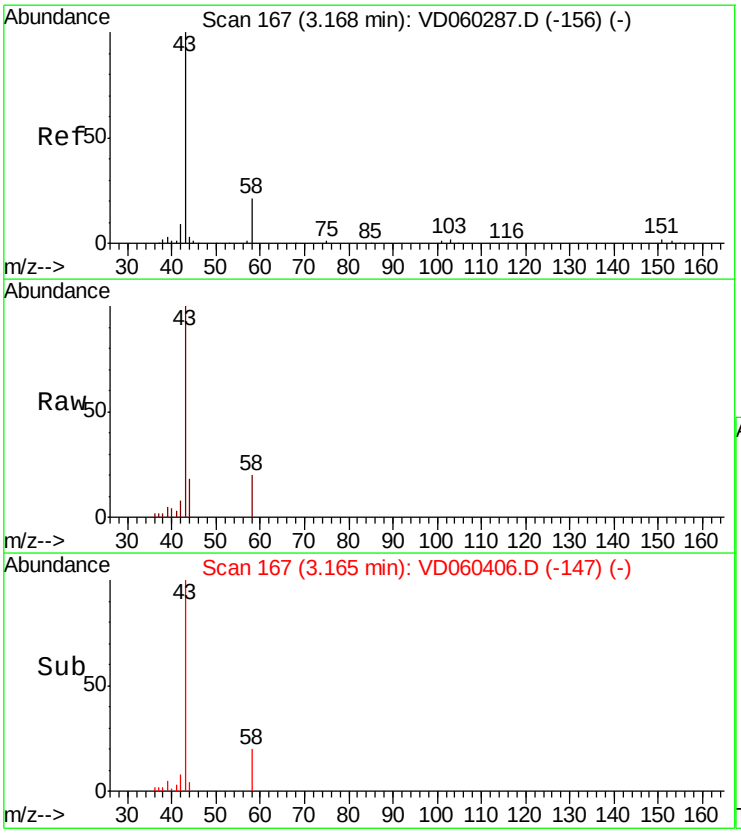
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.01 min
Lab File: VD060406.D
Acq: 16 Nov 2018 19:00

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

Tgt Ion:168 Resp: 1314391

Ion	Ratio	Lower	Upper
168	100		
99	51.2	39.8	59.8

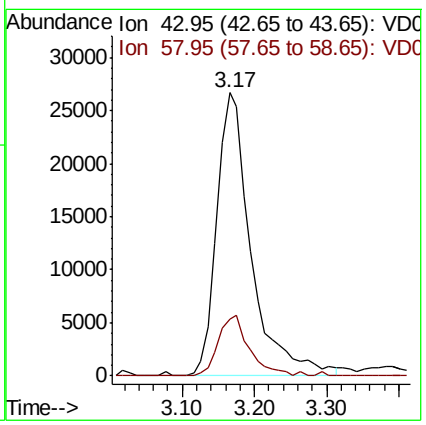


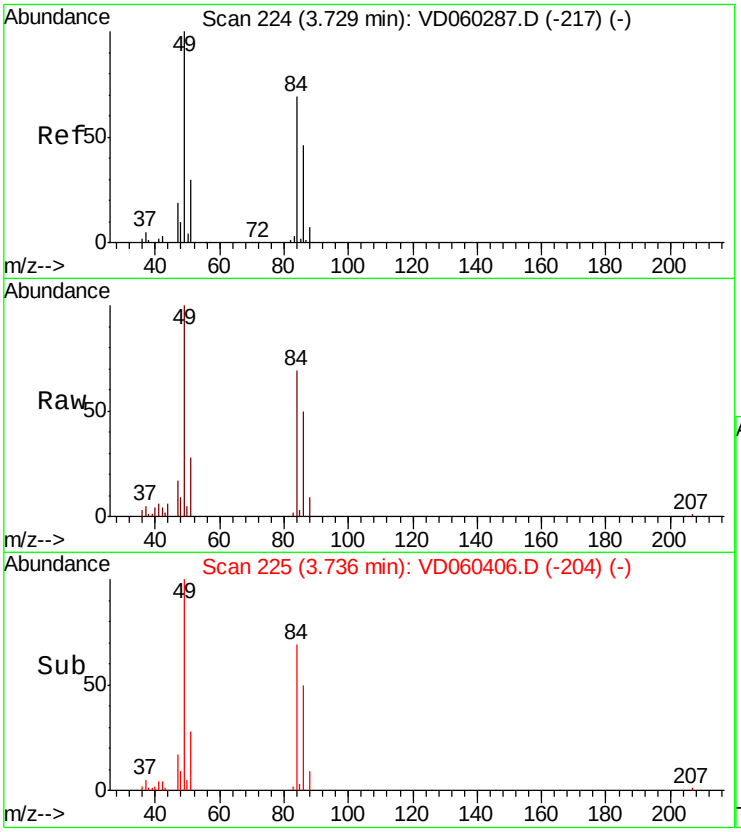


#16
Acetone
Concen: 53.861 ug/l
RT: 3.17 min Scan# 167
Delta R.T. -0.00 min
Lab File: VD060406.D
Acq: 16 Nov 2018 19:00

Tgt Ion: 43 Resp: 87927

Ion	Ratio	Lower	Upper
43	100		
58	20.2	16.9	25.3



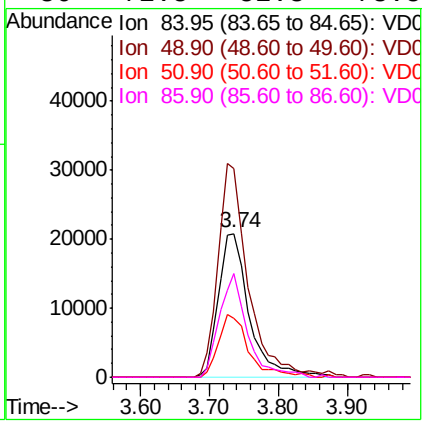


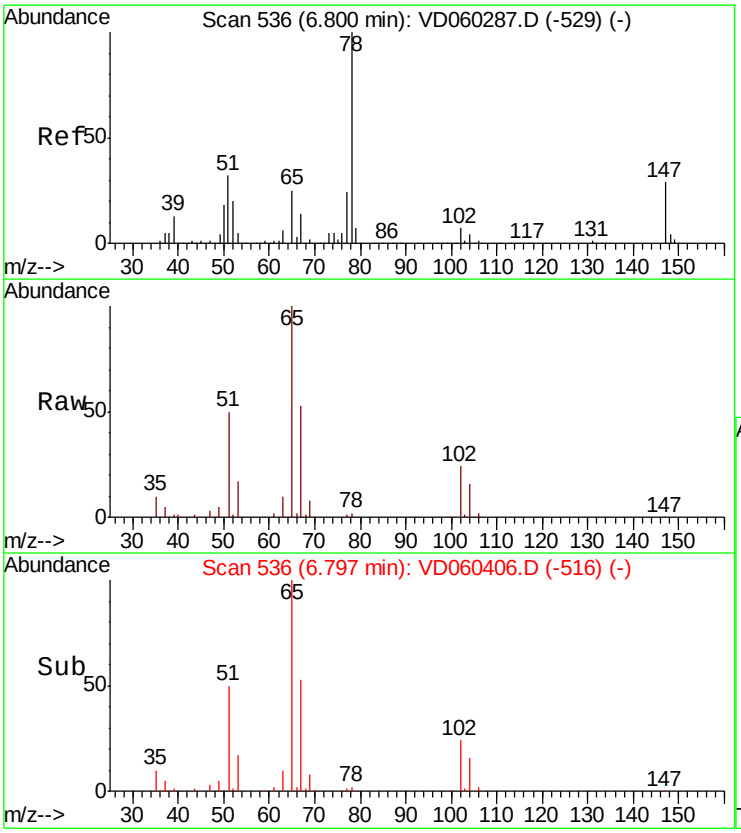
#20
Methylene Chloride
Concen: 4.466 ug/l
RT: 3.74 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD060406.D
Acq: 16 Nov 2018 19:00

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

Tgt Ion: 84 Resp: 64668

Ion	Ratio	Lower	Upper
84	100		
49	145.2	115.6	173.4
51	40.7	35.6	53.4
86	72.5	52.3	78.5

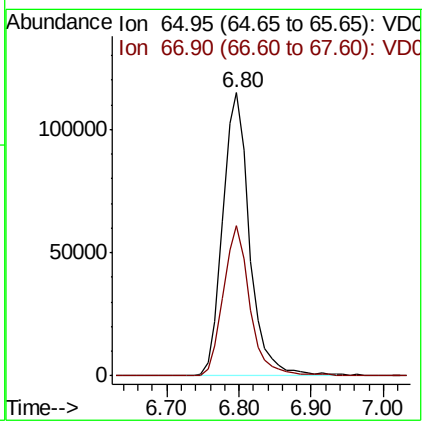


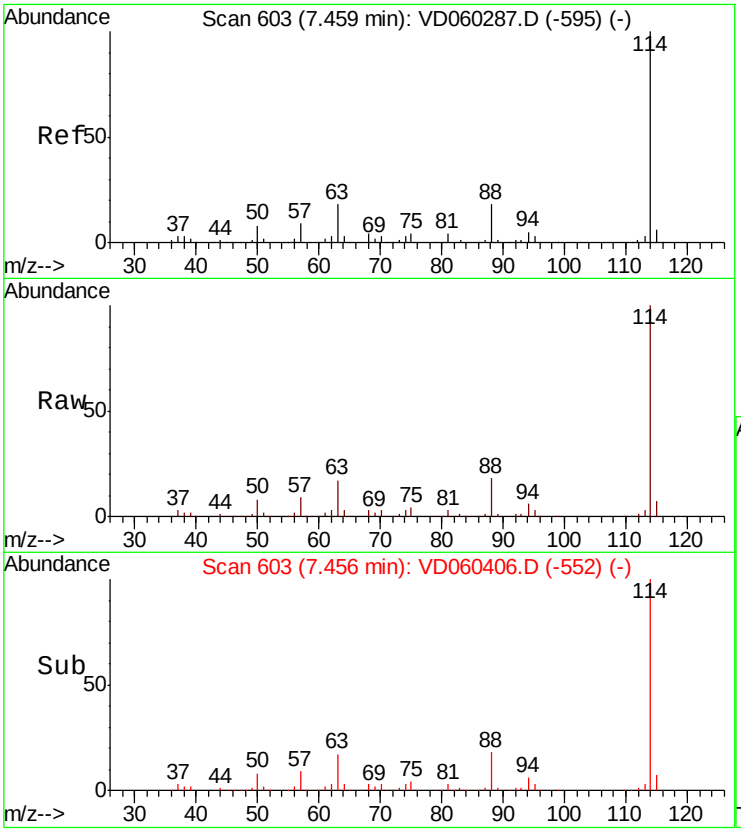


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.80 min Scan# 536
Delta R.T. -0.00 min
Lab File: VD060406.D
Acq: 16 Nov 2018 19:00

Tgt Ion: 65 Resp: 296077

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	109.8



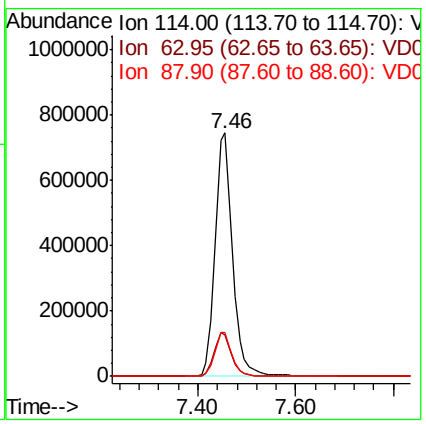


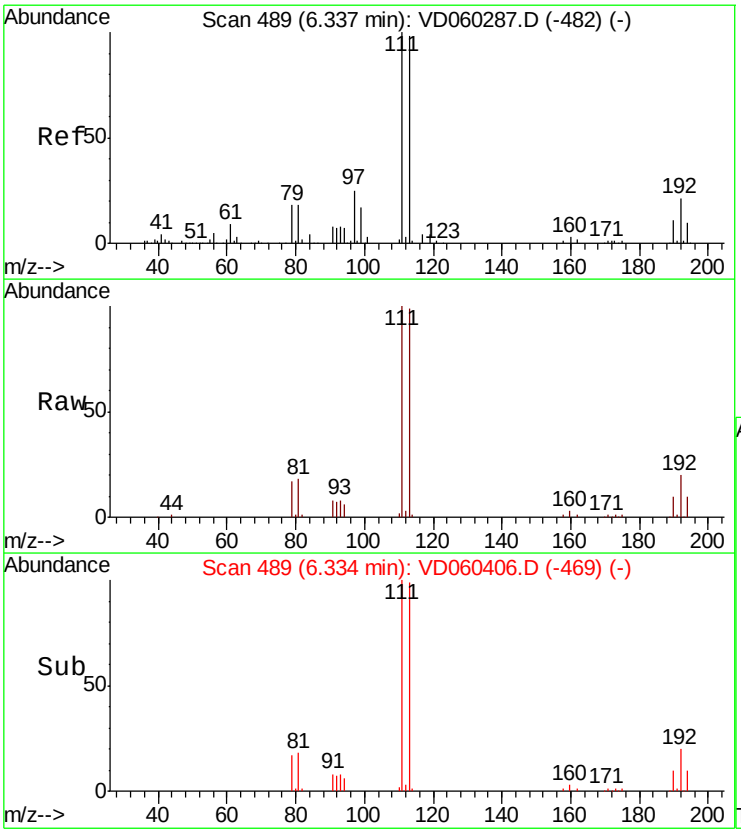
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.46 min Scan# 603
Delta R.T. -0.00 min
Lab File: VD060406.D
Acq: 16 Nov 2018 19:00

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

Tgt Ion:114 Resp: 1862361

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	34.0
88	18.1	0.0	35.4

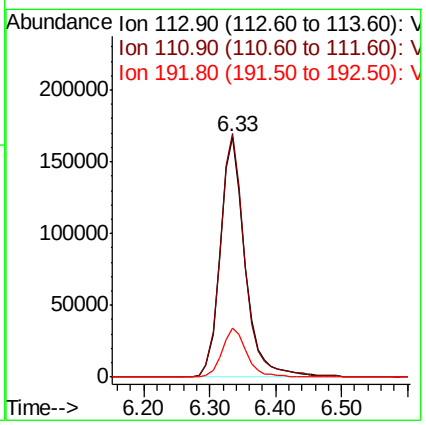


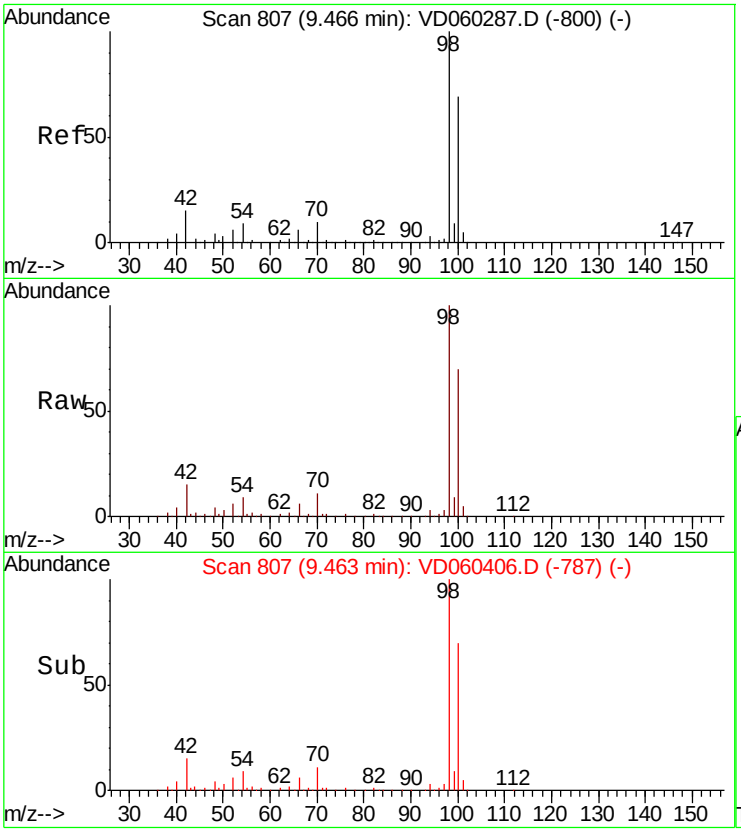


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 489
Delta R.T. -0.00 min
Lab File: VD060406.D
Acq: 16 Nov 2018 19:00

Tgt Ion:113 Resp: 440404

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.6	122.4
192	20.2	16.5	24.7



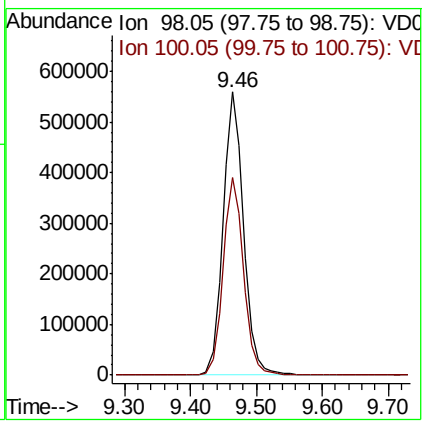


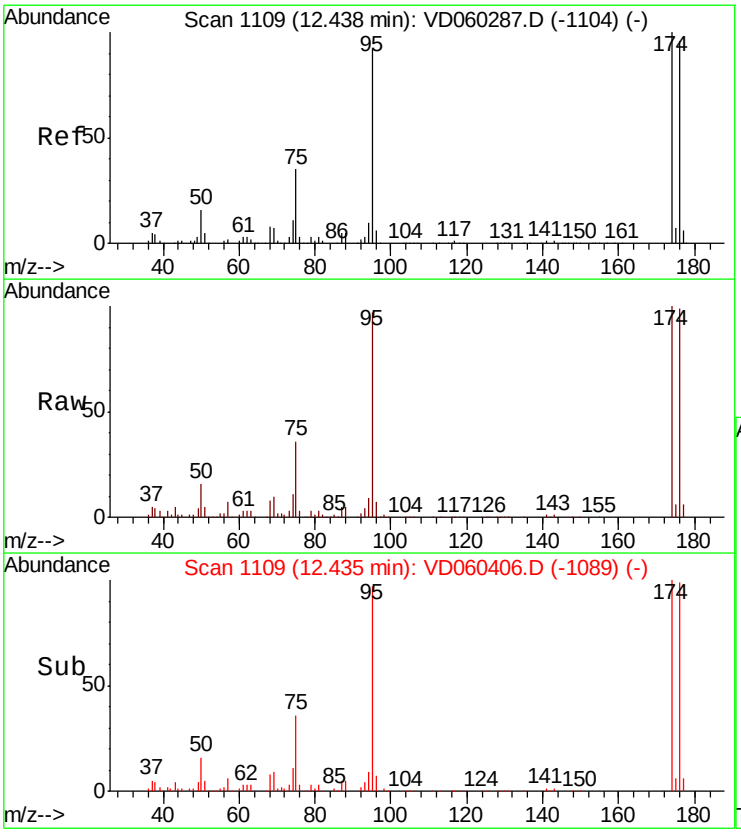
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. -0.00 min
Lab File: VD060406.D
Acq: 16 Nov 2018 19:00

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

Tgt Ion: 98 Resp: 1213293

Ion	Ratio	Lower	Upper
98	100		
100	69.6	55.2	82.8

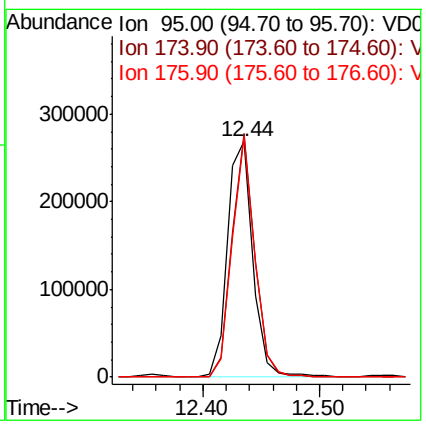


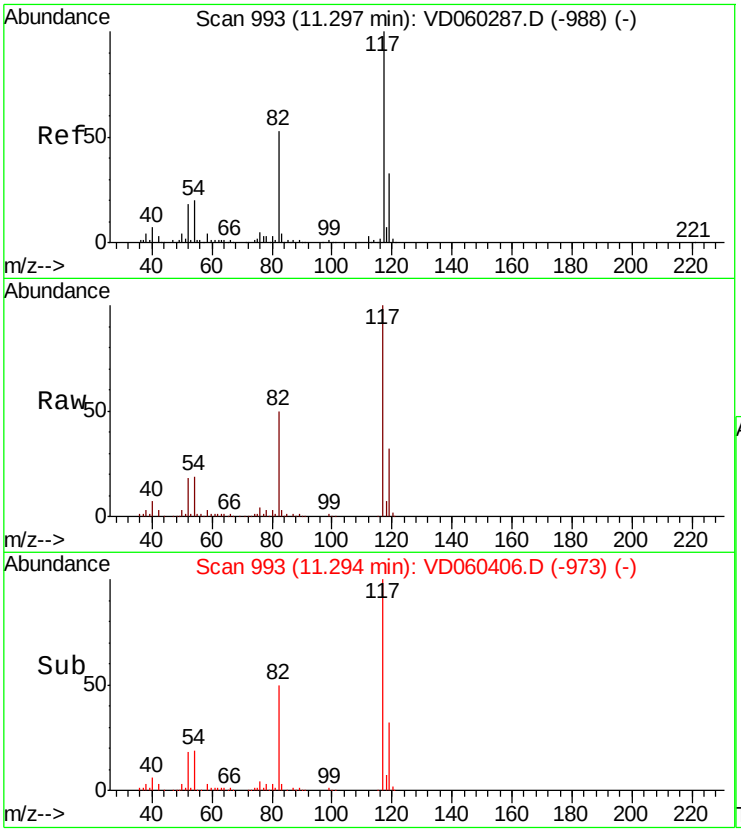


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.44 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VD060406.D
Acq: 16 Nov 2018 19:00

Tgt Ion: 95 Resp: 402850

Ion	Ratio	Lower	Upper
95	100		
174	103.2	0.0	160.8
176	102.0	0.0	154.6



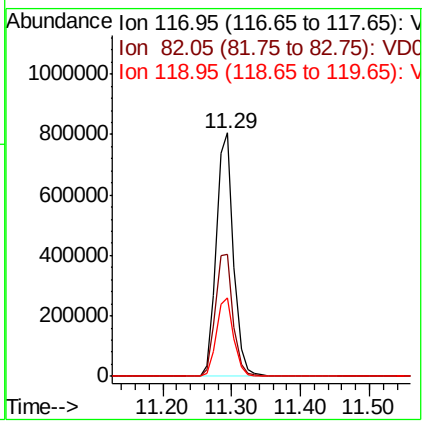


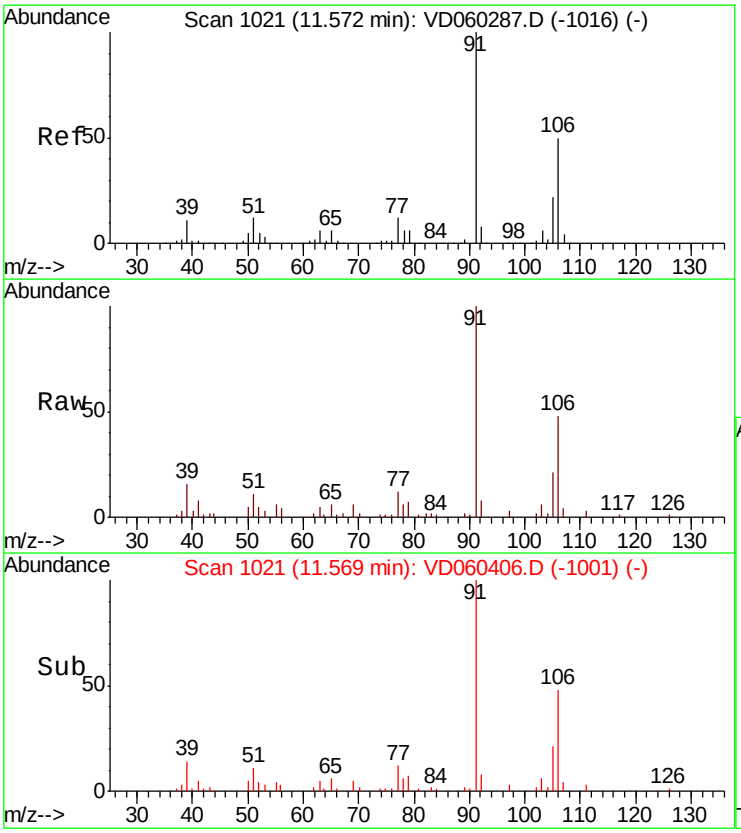
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. -0.00 min
Lab File: VD060406.D
Acq: 16 Nov 2018 19:00

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

Tgt Ion:117 Resp: 1388680

Ion	Ratio	Lower	Upper
117	100		
82	50.0	43.7	65.5
119	32.2	26.1	39.1

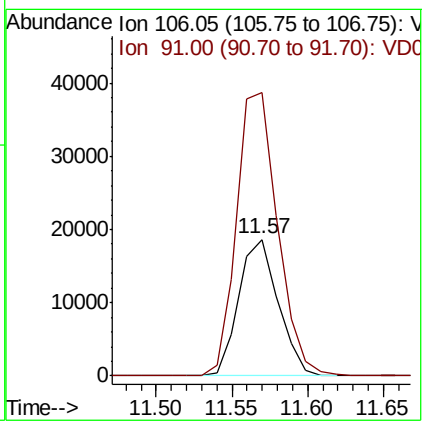


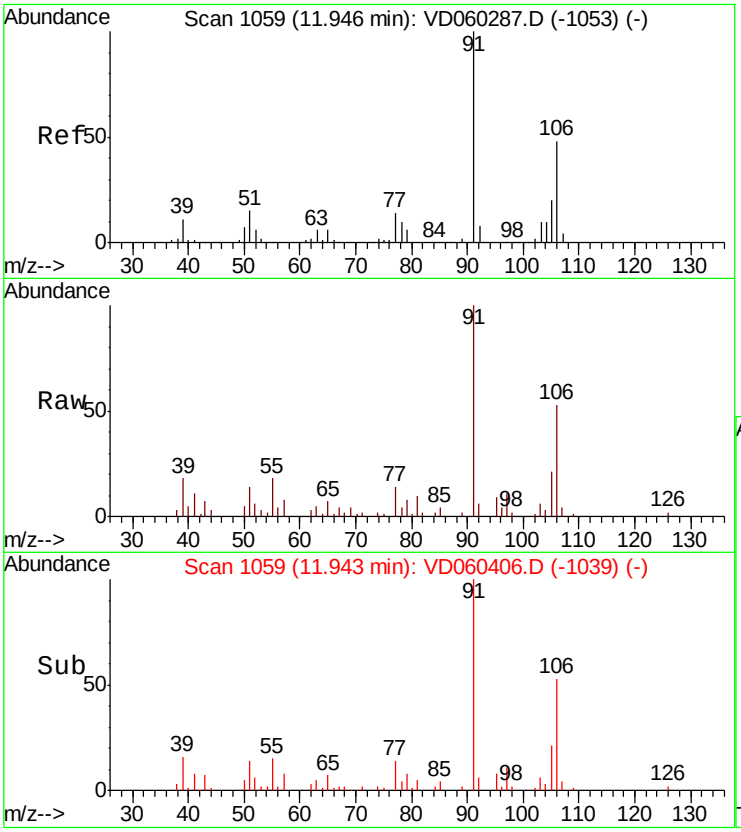


#68
m/p-Xylenes
Concen: 1.778 ug/l
RT: 11.57 min Scan# 1021
Delta R.T. -0.00 min
Lab File: VD060406.D
Acq: 16 Nov 2018 19:00

Tgt Ion:106 Resp: 33764

Ion	Ratio	Lower	Upper
106	100		
91	207.9	159.4	239.2



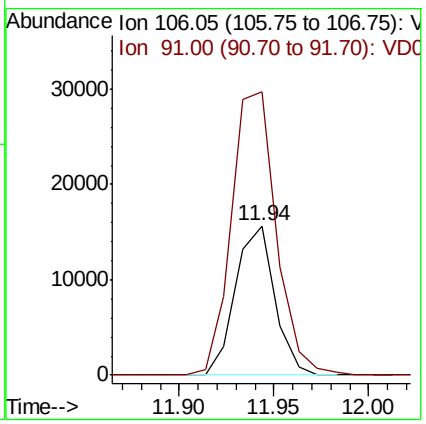


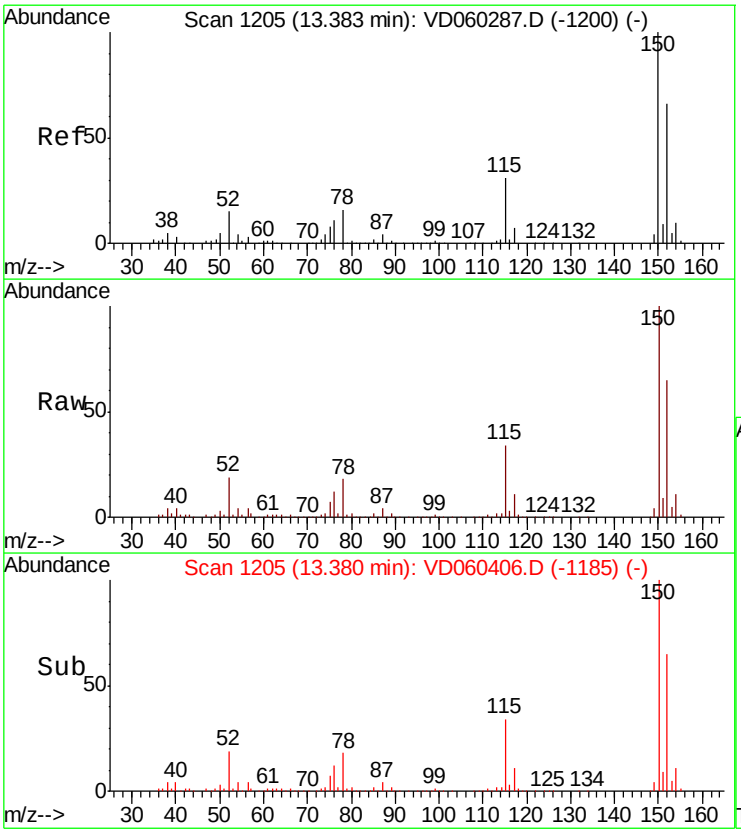
#69
o-Xylene
Concen: 1.215 ug/l
RT: 11.94 min Scan# 1059
Delta R.T. -0.00 min
Lab File: VD060406.D
Acq: 16 Nov 2018 19:00

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

Tgt Ion:106 Resp: 22288

Ion	Ratio	Lower	Upper
106	100		
91	189.2	109.2	327.6

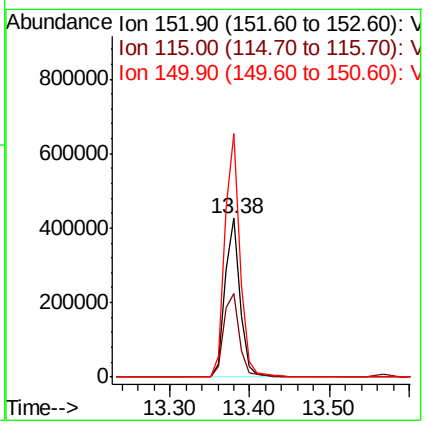


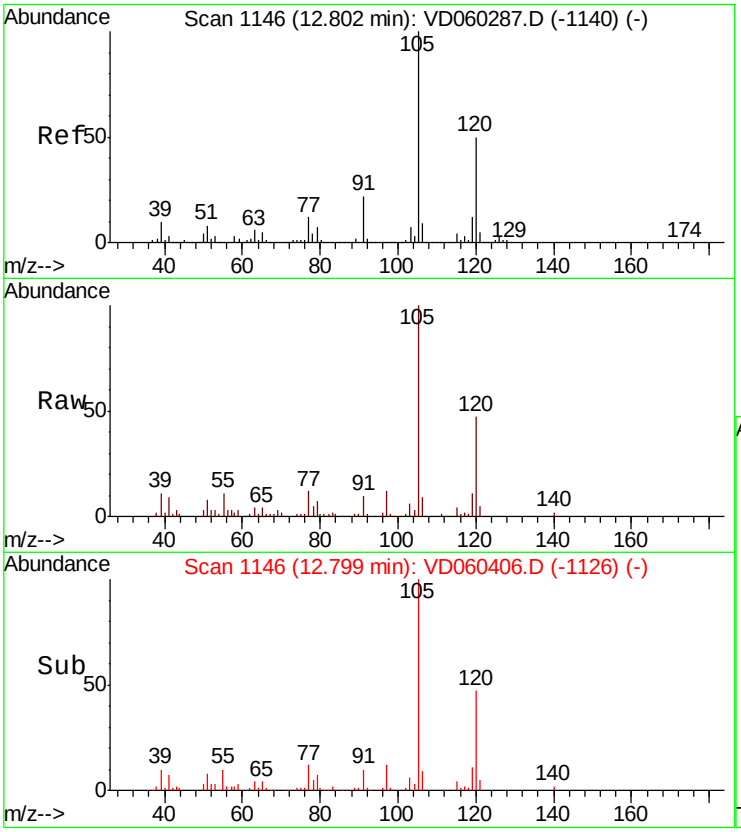


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. -0.00 min
Lab File: VD060406.D
Acq: 16 Nov 2018 19:00

Tgt Ion:152 Resp: 571172

Ion	Ratio	Lower	Upper
152	100		
115	52.8	24.1	72.3
150	153.6	0.0	310.6



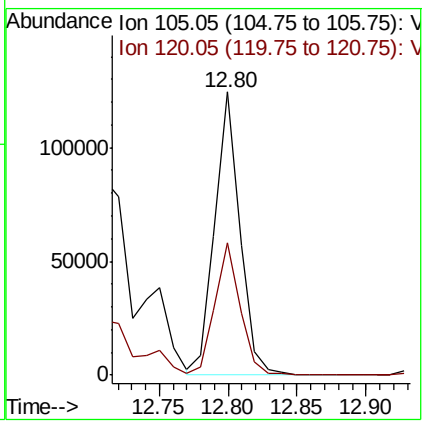


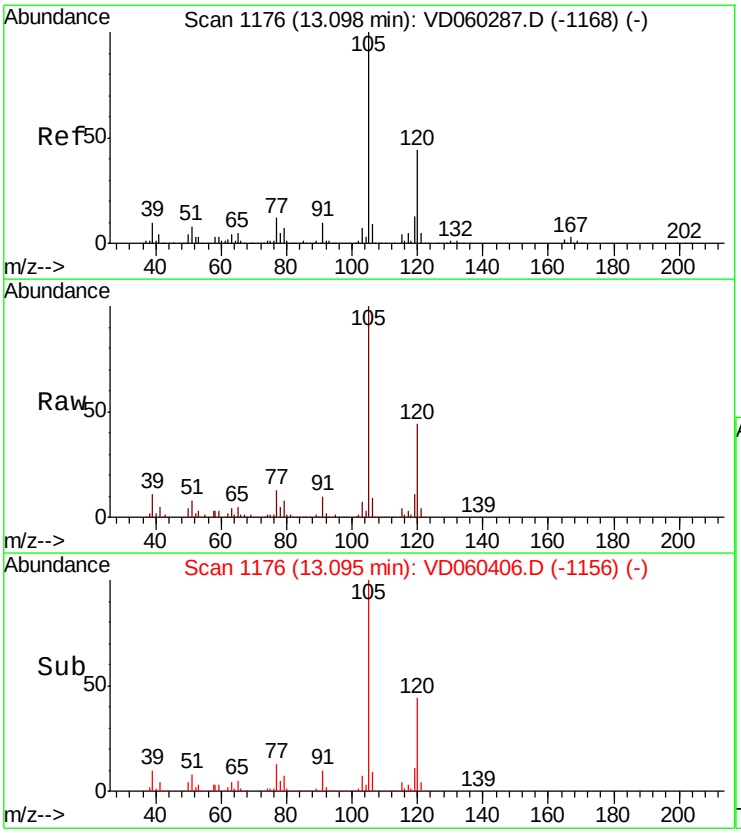
#80
1,3,5-Trimethylbenzene
Concen: 4.857 ug/l
RT: 12.80 min Scan# 1146
Delta R.T. -0.00 min
Lab File: VD060406.D
Acq: 16 Nov 2018 19:00

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

Tgt Ion:105 Resp: 157080

Ion	Ratio	Lower	Upper
105	100		
120	46.8	24.4	73.4

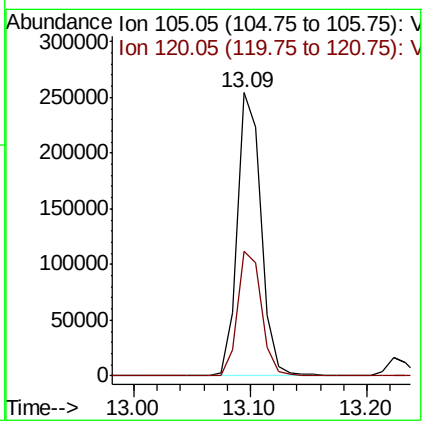


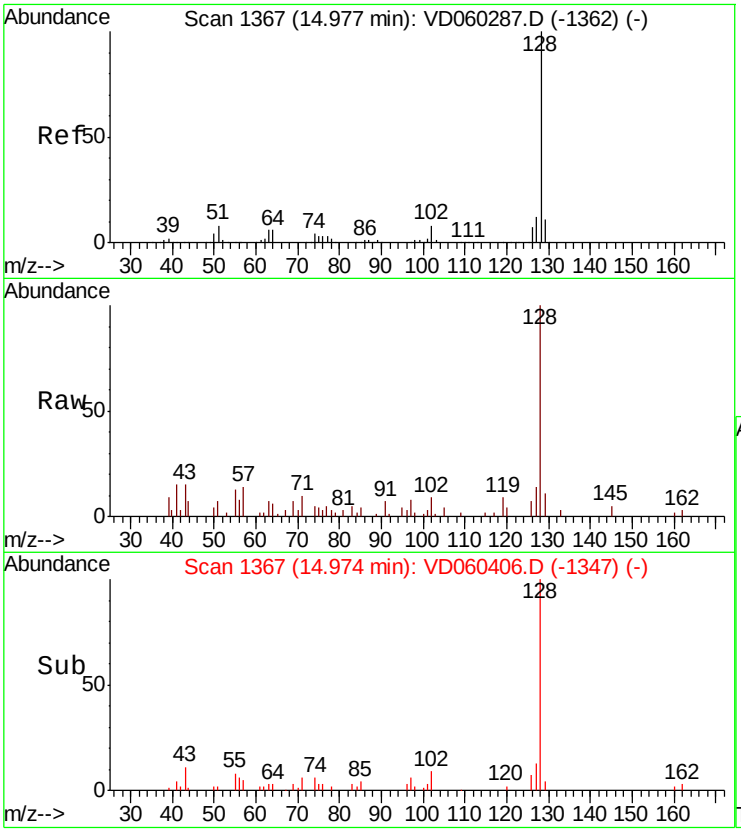


#84
1,2,4-Trimethylbenzene
Concen: 11.097 ug/l
RT: 13.09 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VD060406.D
Acq: 16 Nov 2018 19:00

Tgt Ion:105 Resp: 358428

Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.9	65.8





#95
Naphthalene
Concen: 1.673 ug/l
RT: 14.97 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VD060406.D
Acq: 16 Nov 2018 19:00

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

Tgt Ion:128 Resp: 26169

Ion	Ratio	Lower	Upper
128	100		
127	14.3	9.6	14.4
129	10.7	8.6	12.8