Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082318\
Data File : VD059892.D
Acq On : 23 Aug 2018 17:04
Operator : JC/SY
Sample : J4559-09
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RA-081718-WSW-20-053

Quant Time: Aug 24 06:43:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	722612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	1026880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	706135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	247028	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	418141	68.65	ug/l	-0.02
Spiked Amount 50.000			Recovery = 137.30%			
35) Dibromofluoromethane	6.32	113	477088	59.26	ug/l	-0.02
Spiked Amount 50.000			Recovery = 118.52%			
50) Toluene-d8	9.45	98	1032038	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.38%			
62) 4-Bromofluorobenzene	12.44	95	330690	36.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 72.88%			
Target Compounds						Qvalue
20) Methylene Chloride	3.70	84	50350	3.32	ug/l	97
68) m/p-Xylenes	11.58	106	13882	1.62	ug/l	95
78) n-propylbenzene	12.65	91	40742	2.04	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	21837	1.74	ug/l	93
84) 1,2,4-Trimethylbenzene	13.11	105	20777	1.59	ug/l	100
85) sec-Butylbenzene	13.23	105	24263	1.44	ug/l	91

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

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RA-081718-WSW-20-053

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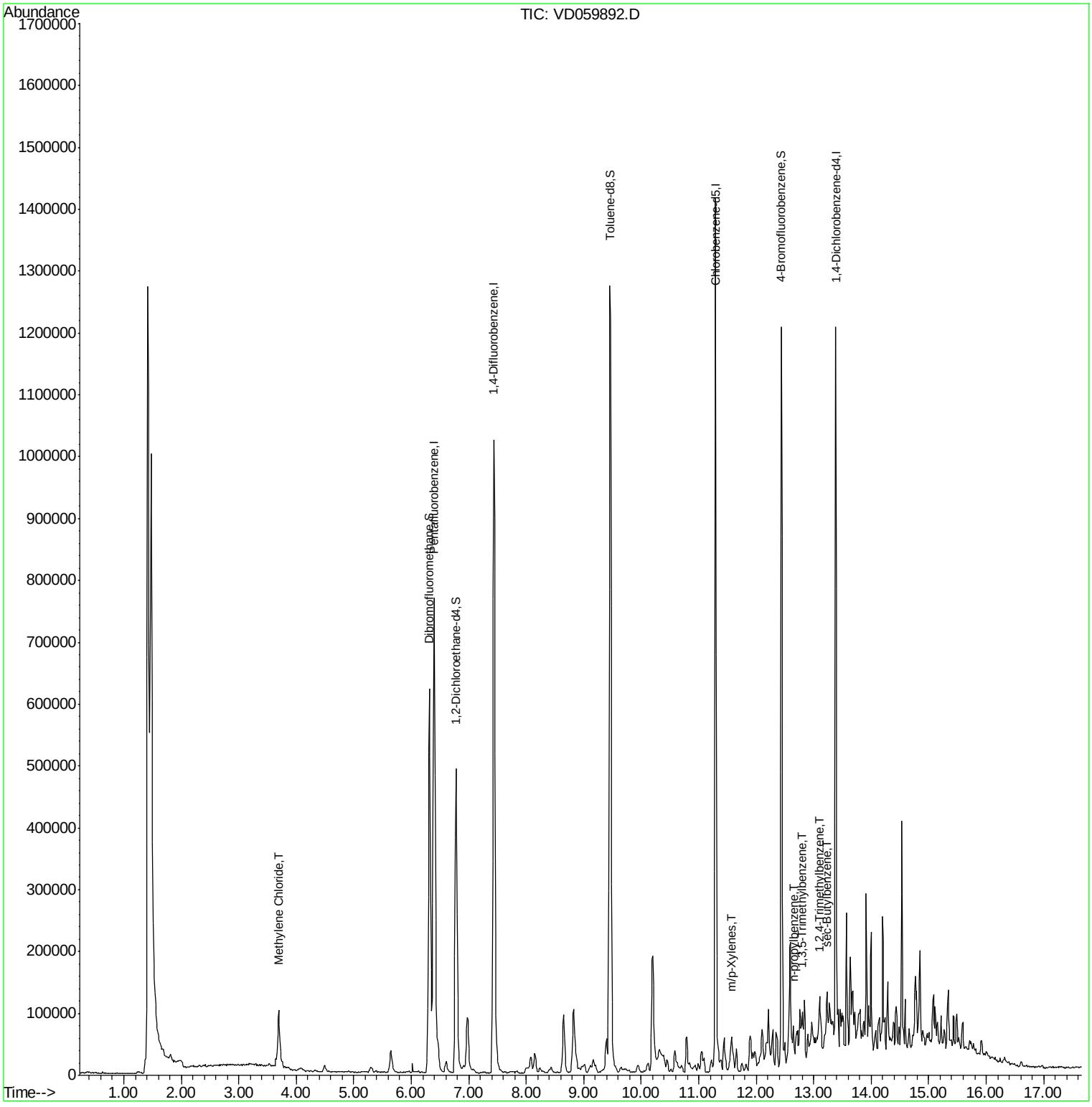
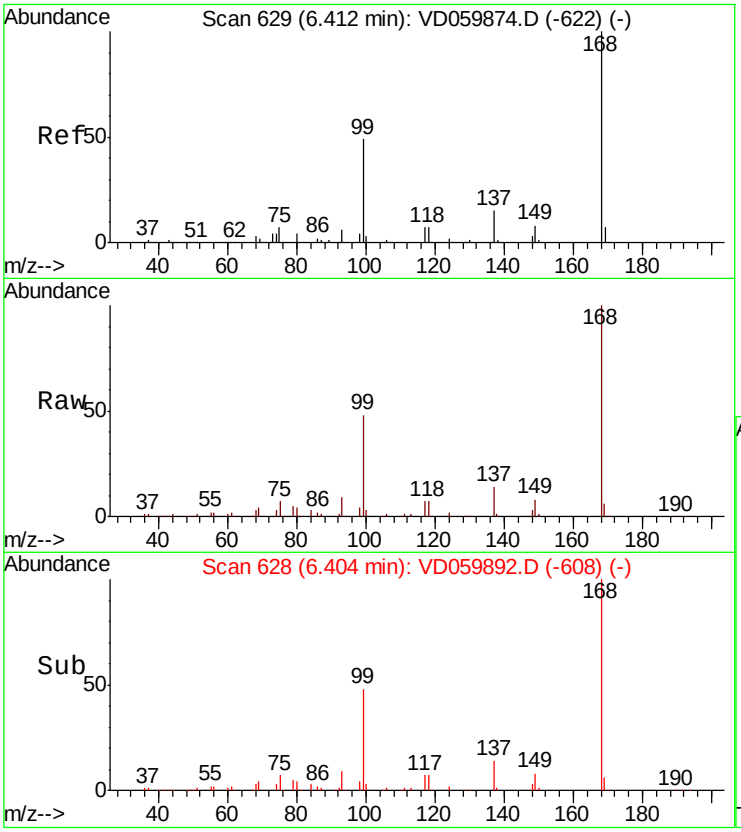


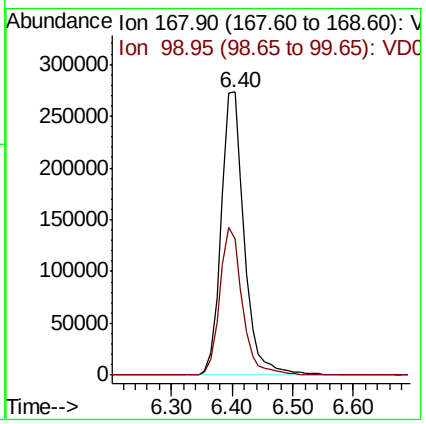


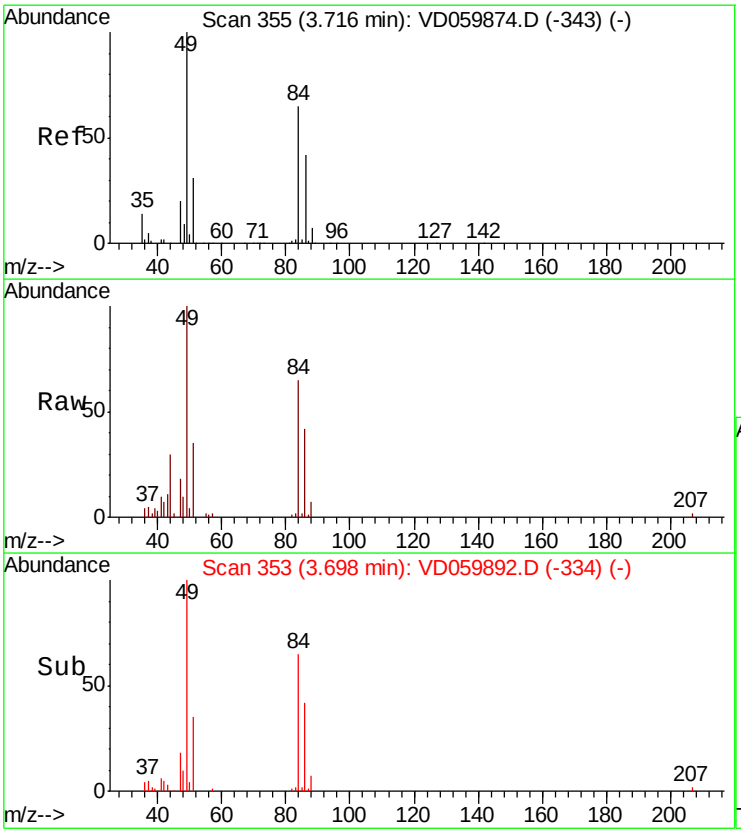
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 6.40 min Scan# 628
Delta R.T. -0.01 min
Lab File: VD059892.D
Acq: 23 Aug 2018 17:04

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-WSW-20-053

Tgt Ion:168 Resp: 722612

Ion	Ratio	Lower	Upper
168	100		
99	48.0	42.2	63.2

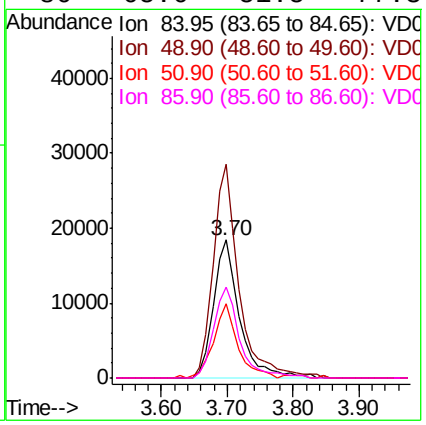


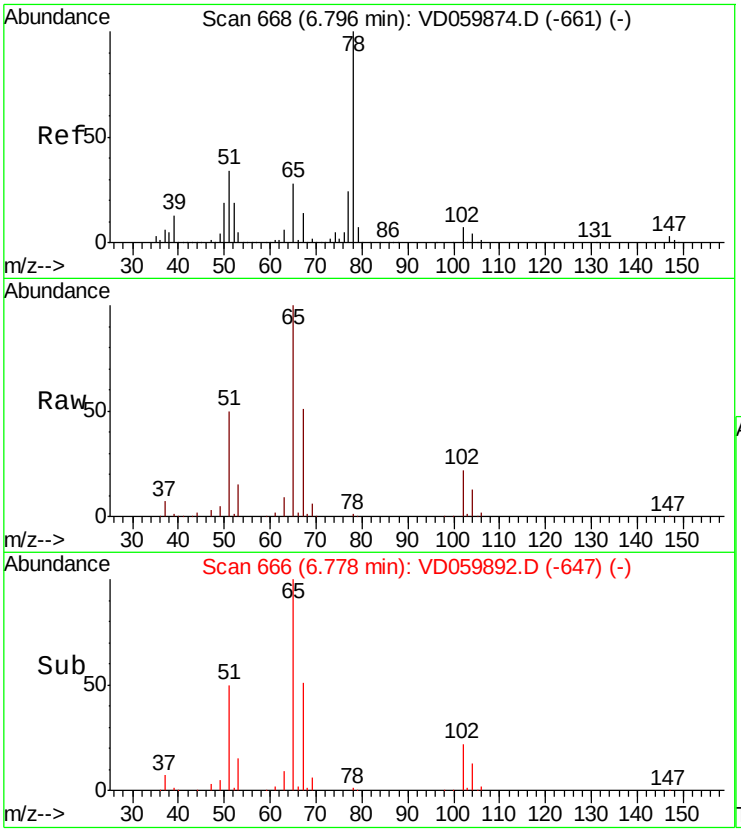


#20
Methylene Chloride
Concen: 3.32 ug/l
RT: 3.70 min Scan# 353
Delta R.T. -0.02 min
Lab File: VD059892.D
Acq: 23 Aug 2018 17:04

Tgt Ion: 84 Resp: 50350

Ion	Ratio	Lower	Upper
84	100		
49	154.6	122.6	183.8
51	54.1	38.4	57.6
86	65.6	51.5	77.3



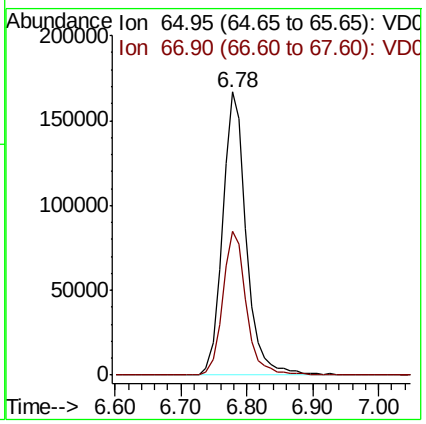


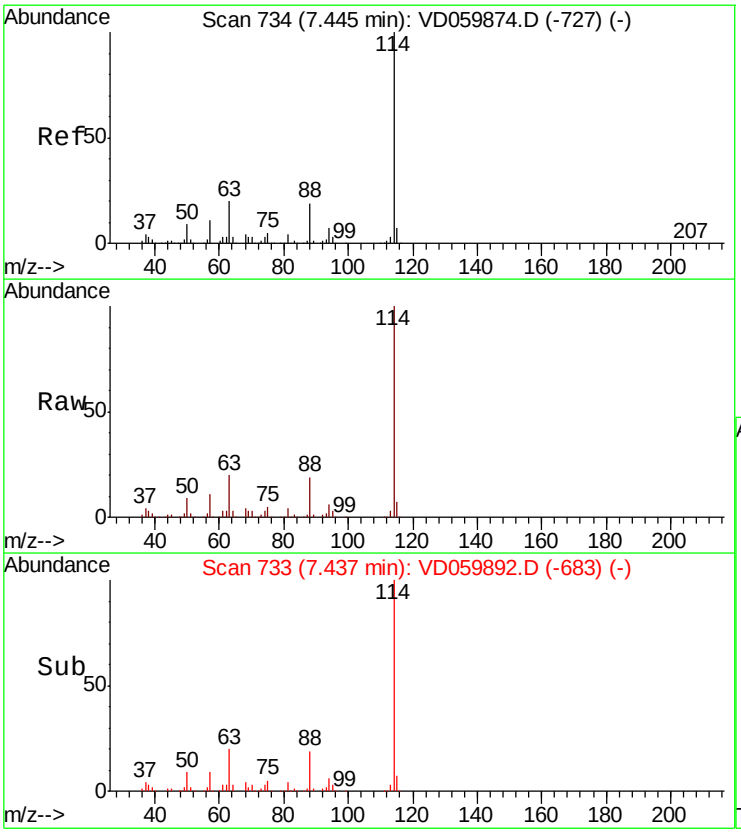
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 666
Delta R.T. -0.02 min
Lab File: VD059892.D
Acq: 23 Aug 2018 17:04

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-WSW-20-053

Tgt Ion: 65 Resp: 418141

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	103.8

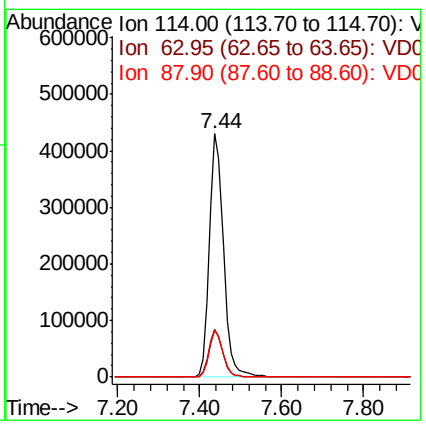


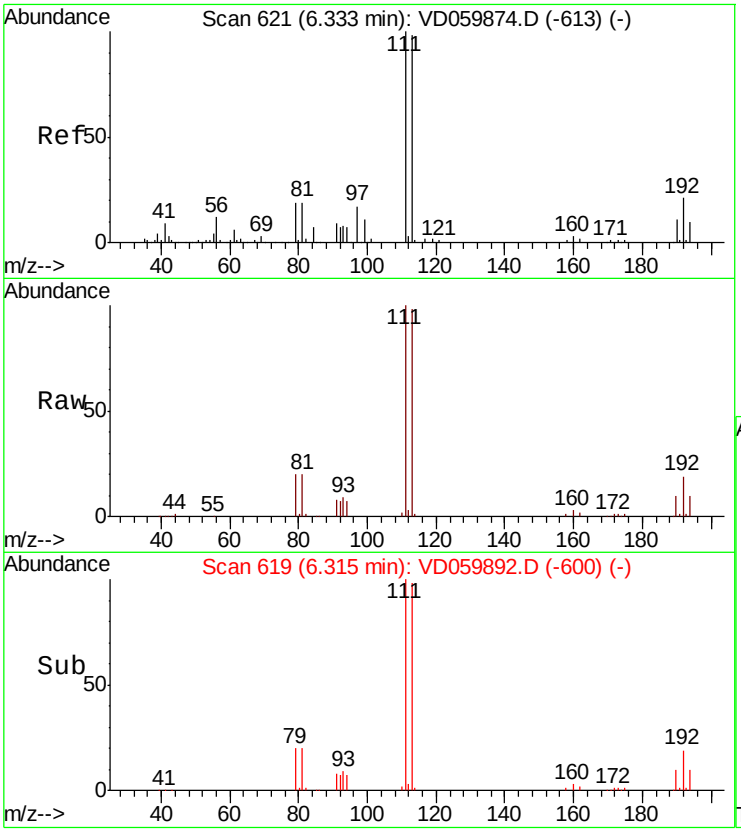


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 7.44 min Scan# 733
Delta R.T. -0.01 min
Lab File: VD059892.D
Acq: 23 Aug 2018 17:04

Tgt Ion:114 Resp: 1026880

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.4
88	19.1	0.0	37.6



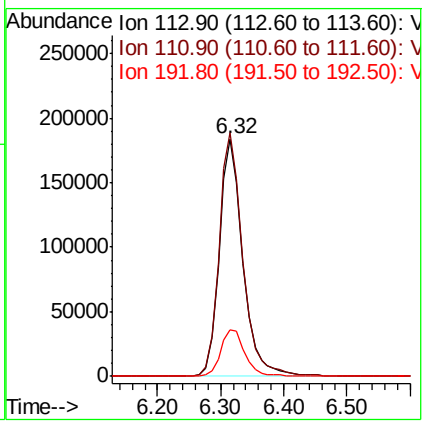


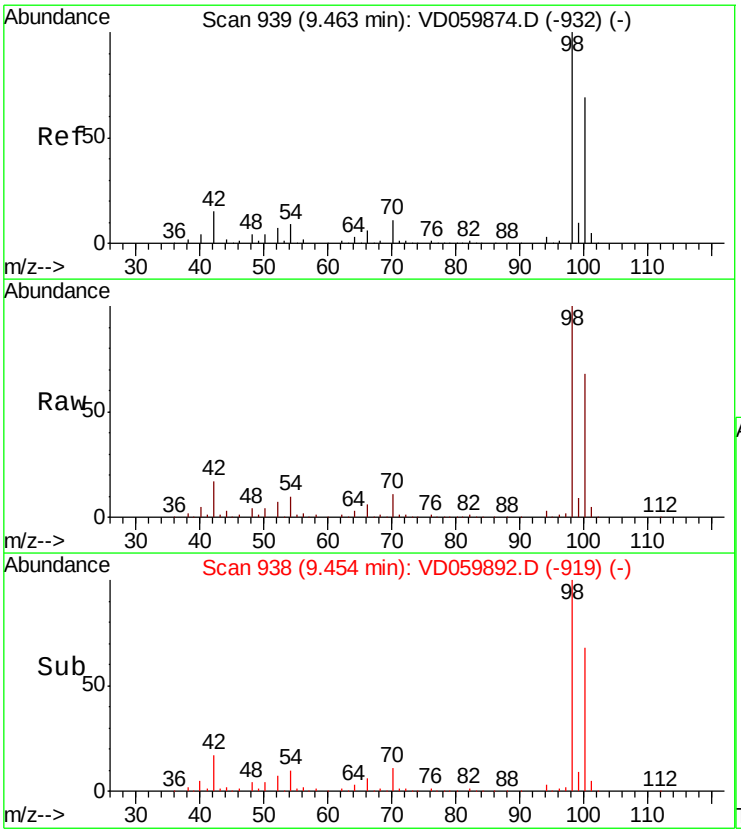
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 6.32 min Scan# 619
Delta R.T. -0.02 min
Lab File: VD059892.D
Acq: 23 Aug 2018 17:04

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-WSW-20-053

Tgt Ion:113 Resp: 477088

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.2
192	19.5	17.0	25.6

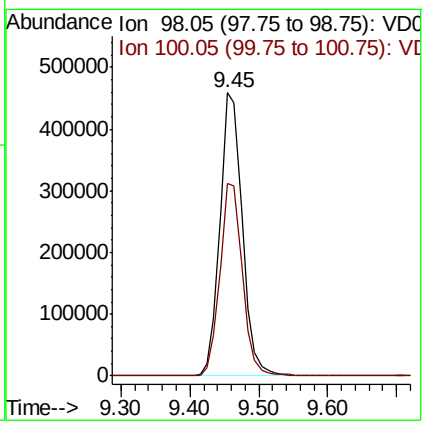


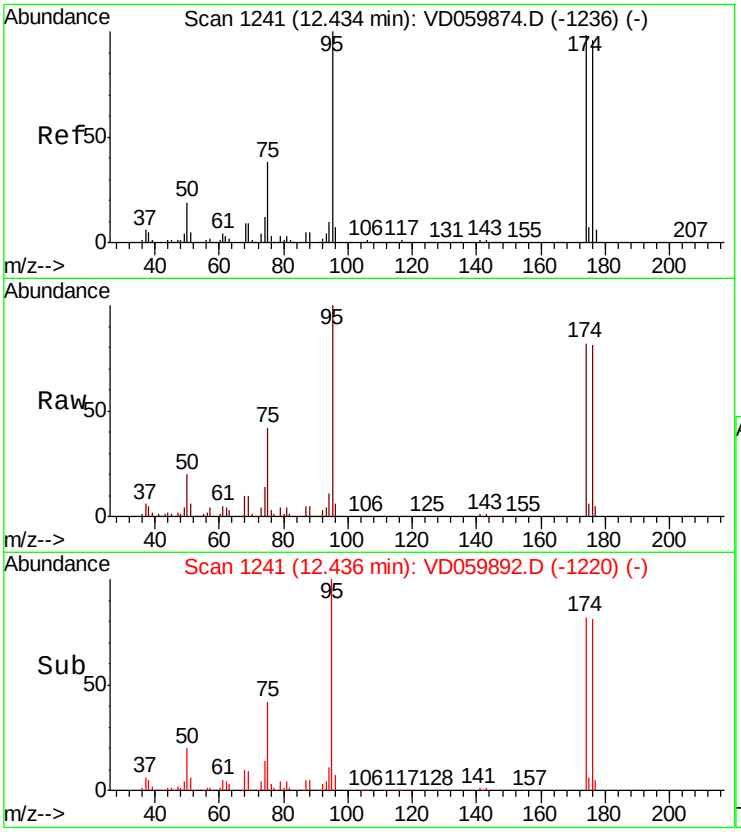


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 938
Delta R.T. -0.01 min
Lab File: VD059892.D
Acq: 23 Aug 2018 17:04

Tgt Ion: 98 Resp: 1032038

Ion	Ratio	Lower	Upper
98	100		
100	68.0	55.8	83.6



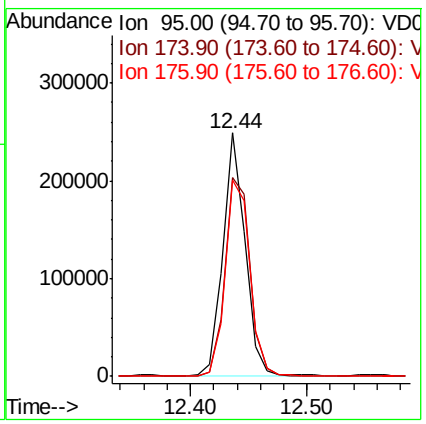


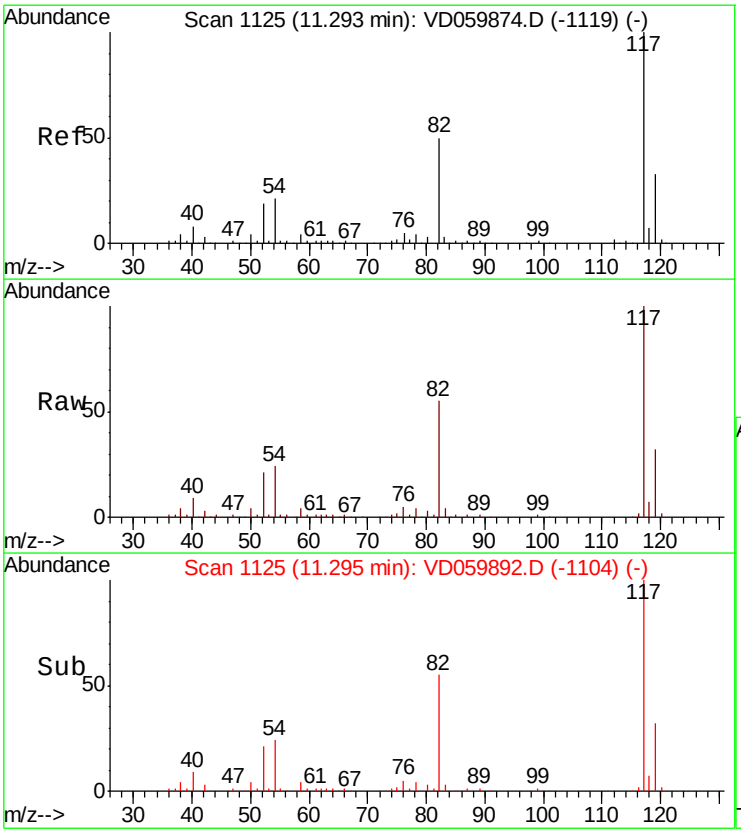
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.44 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VD059892.D
Acq: 23 Aug 2018 17:04

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-WSW-20-053

Tgt Ion: 95 Resp: 330690

Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	195.6
176	80.6	0.0	191.2

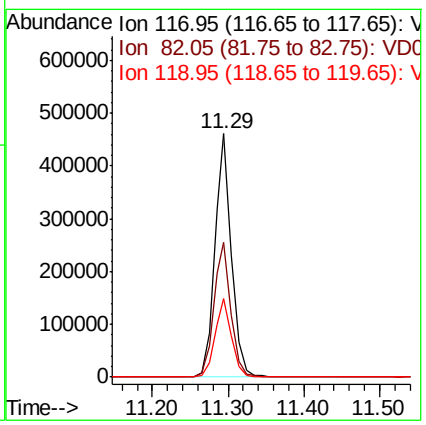


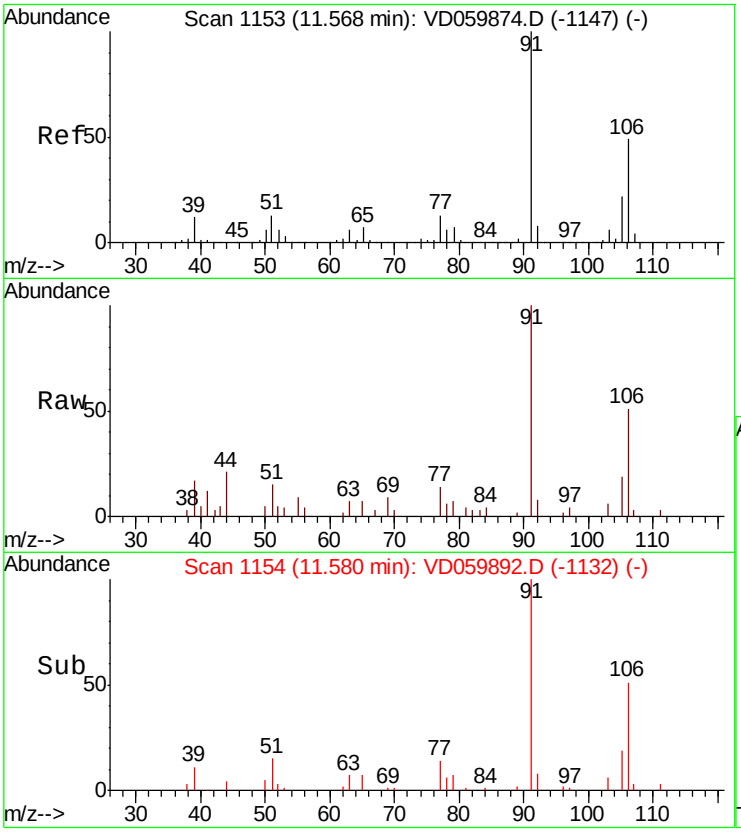


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.29 min Scan# 1125
Delta R.T. 0.00 min
Lab File: VD059892.D
Acq: 23 Aug 2018 17:04

Tgt Ion:117 Resp: 706135

Ion	Ratio	Lower	Upper
117	100		
82	55.4	40.1	60.1
119	32.4	26.7	40.1



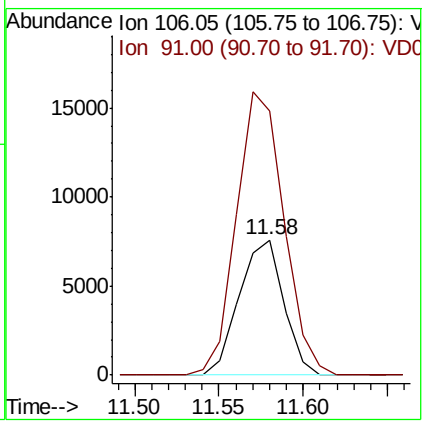


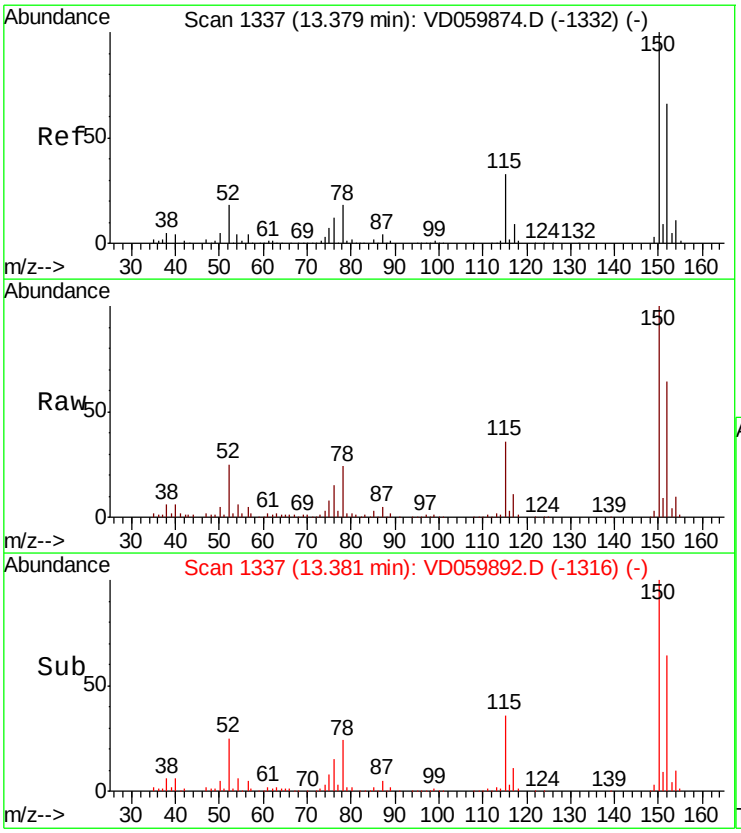
#68
m/p-Xylenes
Concen: 1.62 ug/l
RT: 11.58 min Scan# 1154
Delta R.T. 0.01 min
Lab File: VD059892.D
Acq: 23 Aug 2018 17:04

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-WSW-20-053

Tgt Ion:106 Resp: 13882

Ion	Ratio	Lower	Upper
106	100		
91	195.5	162.0	243.0

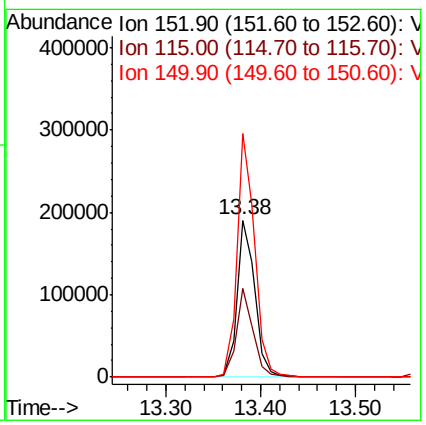


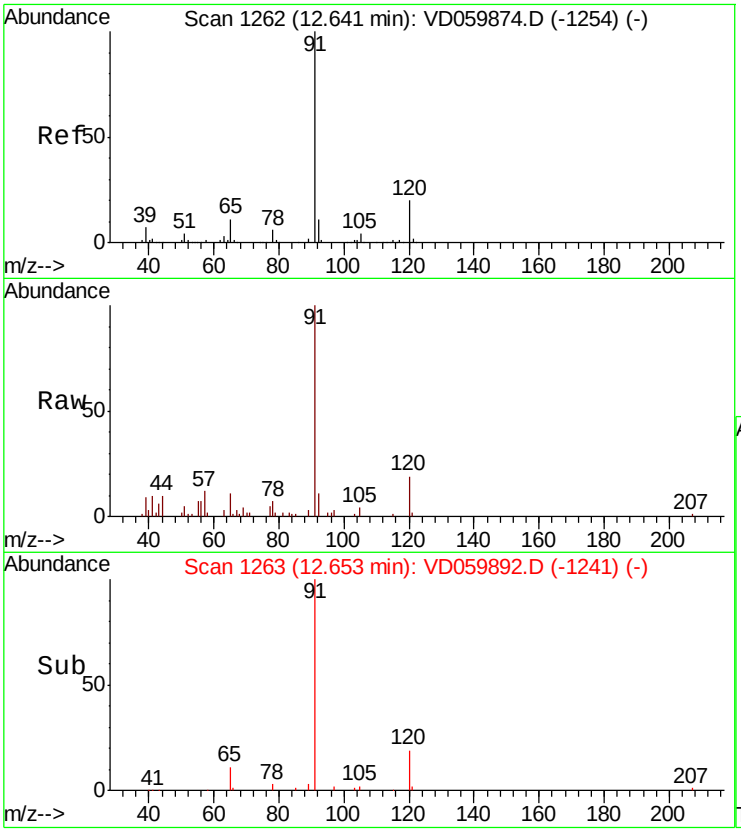


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.38 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VD059892.D
Acq: 23 Aug 2018 17:04

Tgt Ion:152 Resp: 247028

Ion	Ratio	Lower	Upper
152	100		
115	56.6	25.7	77.0
150	155.3	0.0	310.2



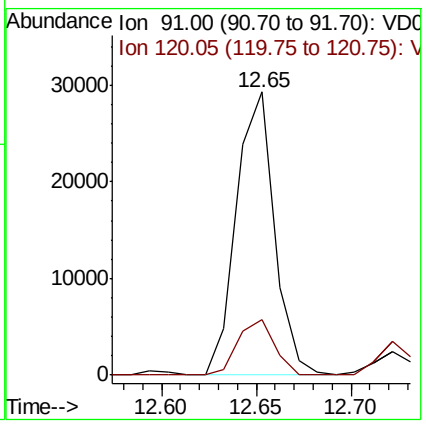


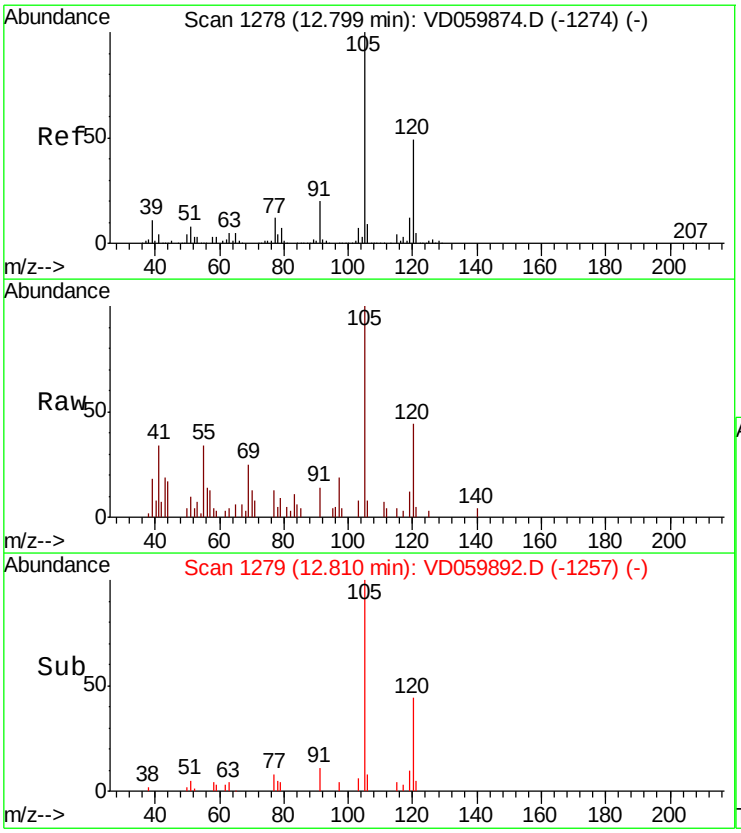
#78
n-propylbenzene
Concen: 2.04 ug/l
RT: 12.65 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VD059892.D
Acq: 23 Aug 2018 17:04

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-WSW-20-053

Tgt Ion: 91 Resp: 40742

Ion	Ratio	Lower	Upper
91	100		
120	19.4	10.1	30.3

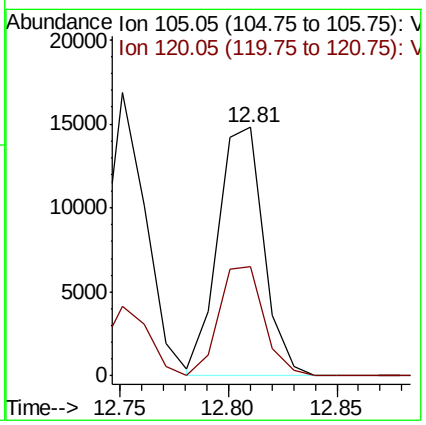


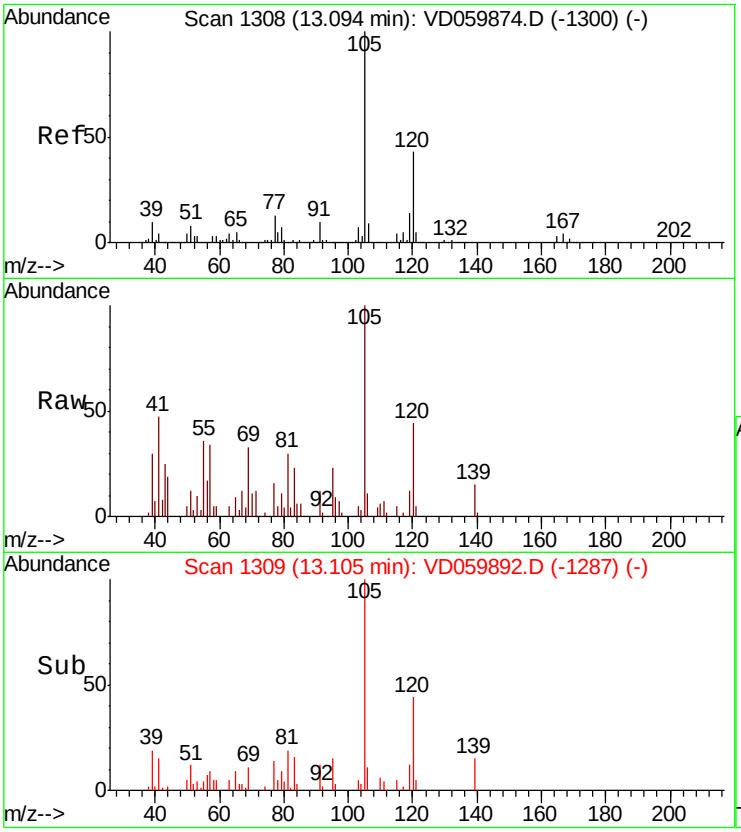


#80
1,3,5-Trimethylbenzene
Concen: 1.74 ug/l
RT: 12.81 min Scan# 1279
Delta R.T. 0.01 min
Lab File: VD059892.D
Acq: 23 Aug 2018 17:04

Tgt Ion:105 Resp: 21837

Ion	Ratio	Lower	Upper
105	100		
120	44.1	24.5	73.5



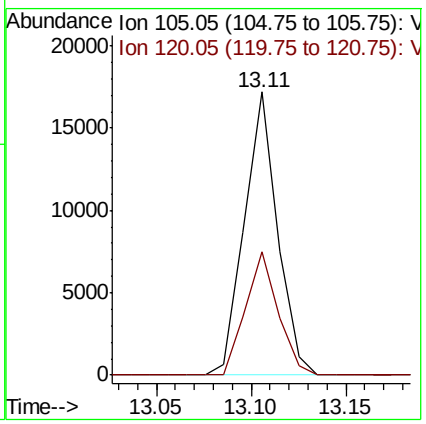


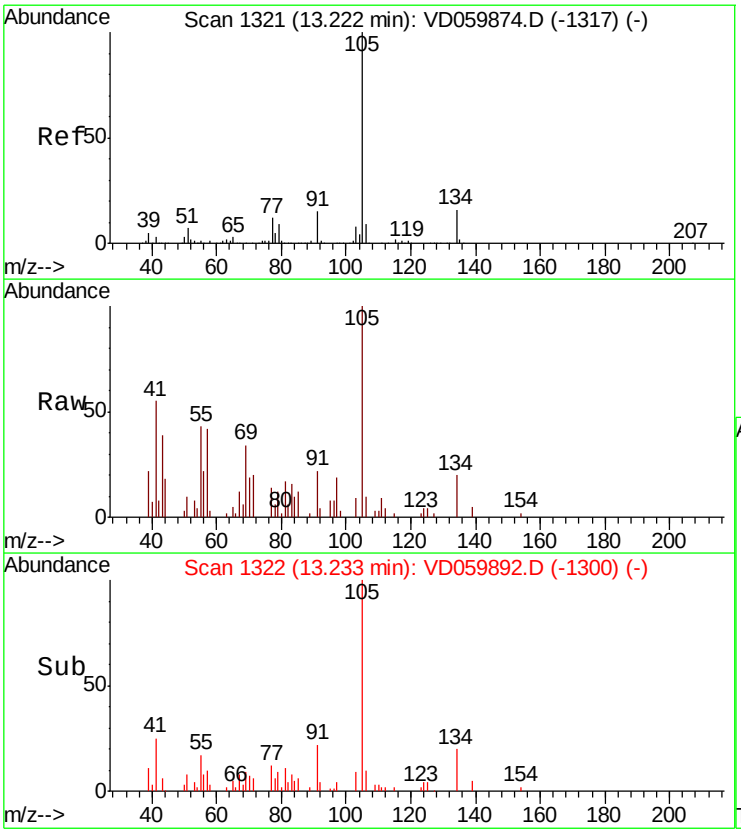
#84
1,2,4-Trimethylbenzene
Concen: 1.59 ug/l
RT: 13.11 min Scan# 1309
Delta R.T. 0.01 min
Lab File: VD059892.D
Acq: 23 Aug 2018 17:04

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-WSW-20-053

Tgt Ion:105 Resp: 20777

Ion	Ratio	Lower	Upper
105	100		
120	43.7	21.8	65.3





#85
sec-Butylbenzene
Concen: 1.44 ug/l
RT: 13.23 min Scan# 1322
Delta R.T. 0.01 min
Lab File: VD059892.D
Acq: 23 Aug 2018 17:04

Tgt Ion:105 Resp: 24263

Ion	Ratio	Lower	Upper
105	100		
134	20.2	8.2	24.4