Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082118\
Data File : VD059865.D
Acq On : 21 Aug 2018 19:40
Operator : JC/SY
Sample : J4559-04
Misc : 5.09g/5ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RA-081718-SSW-75-048

Quant Time: Aug 22 02:05:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 21 04:40:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	890834	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.65	114	1230281	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.66	117	770428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	235722	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.98	65	418748	58.73	ug/l	0.02
Spiked Amount 50.000			Recovery = 117.46%			
35) Dibromofluoromethane	5.51	113	519170	57.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.10%			
50) Toluene-d8	8.67	98	1244810	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.46%			
62) 4-Bromofluorobenzene	11.91	95	352130	37.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 74.80%			
Target Compounds						Qvalue
68) m/p-Xylenes	10.98	106	15326	1.95	ug/l	74
73) Isopropylbenzene	11.75	105	39518	2.46	ug/l	95
85) sec-Butylbenzene	12.74	105	54452	3.24	ug/l	98

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

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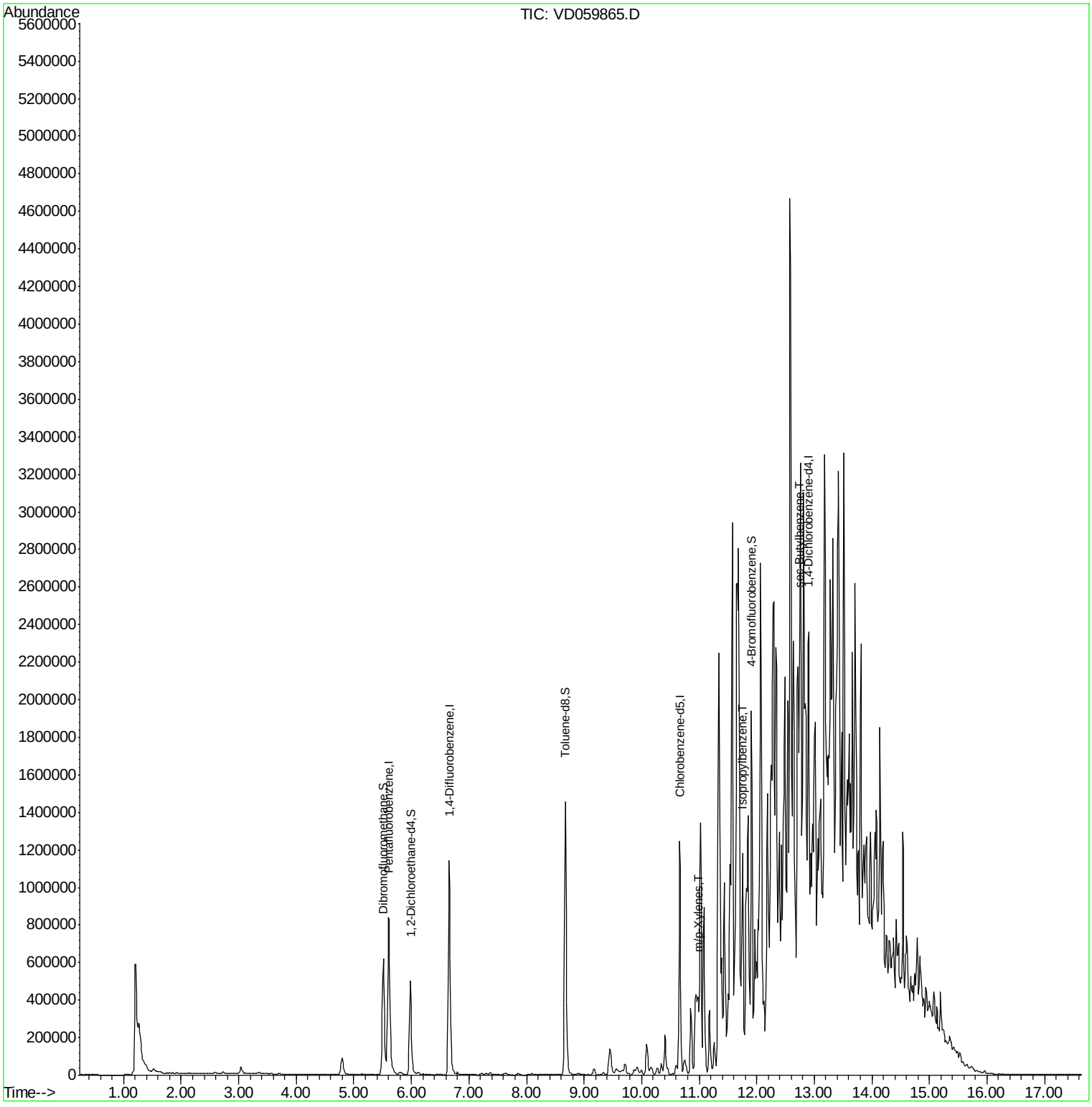
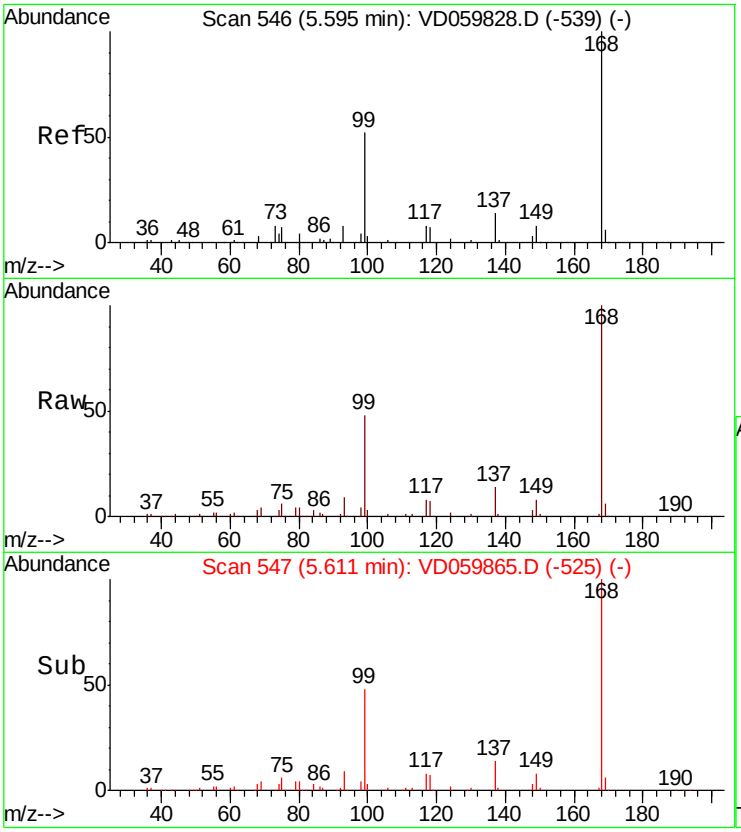


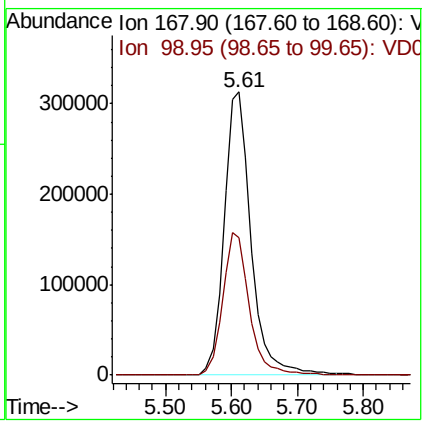


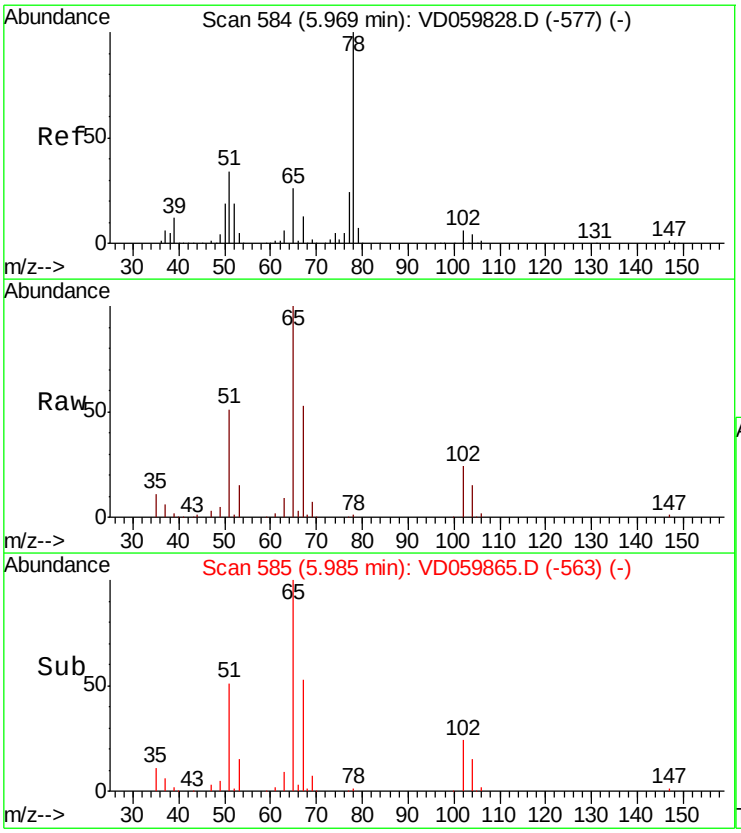
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.61 min Scan# 547
Delta R.T. 0.02 min
Lab File: VD059865.D
Acq: 21 Aug 2018 19:40

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-75-048

Tgt Ion:168 Resp: 890834

Ion	Ratio	Lower	Upper
168	100		
99	48.4	43.6	65.4

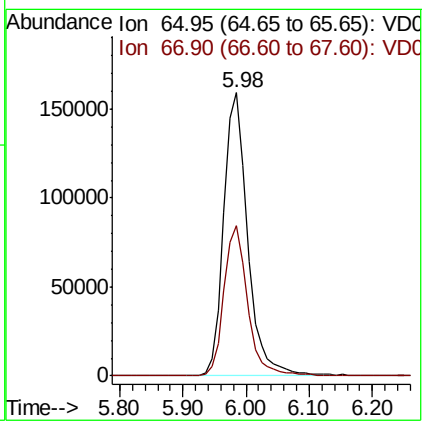


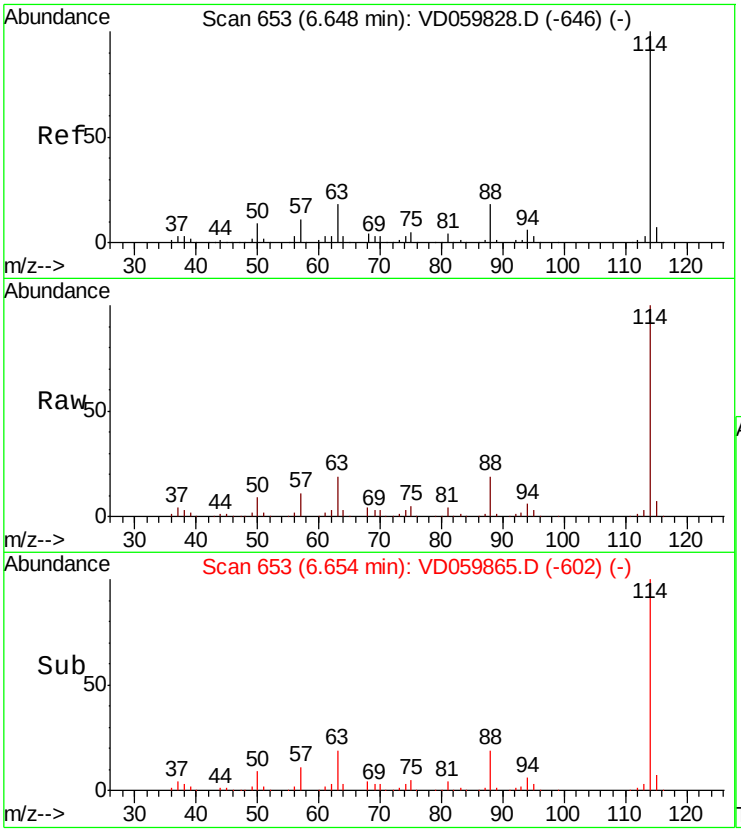


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 5.98 min Scan# 585
Delta R.T. 0.02 min
Lab File: VD059865.D
Acq: 21 Aug 2018 19:40

Tgt Ion: 65 Resp: 418748

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	102.4



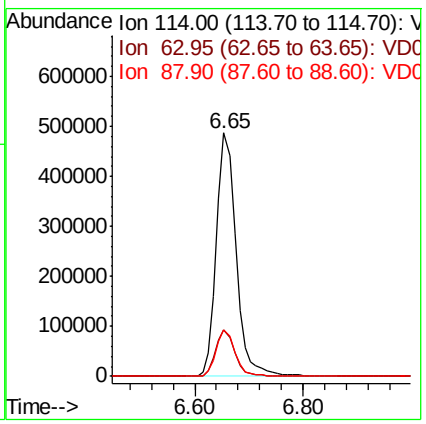


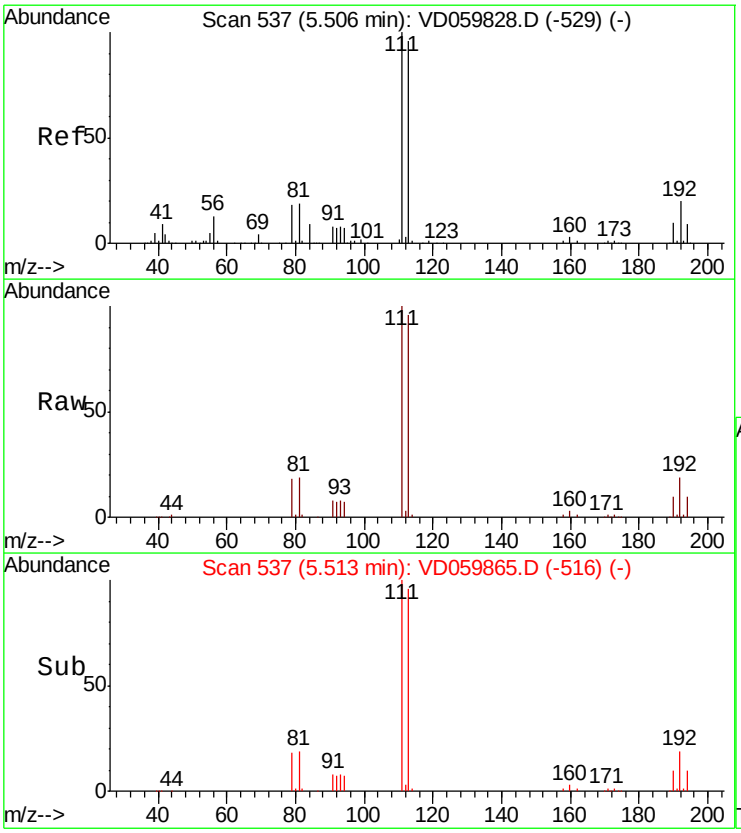
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.65 min Scan# 653
Delta R.T. 0.01 min
Lab File: VD059865.D
Acq: 21 Aug 2018 19:40

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-75-048

Tgt Ion:114 Resp: 1230281

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	37.0
88	19.0	0.0	37.0

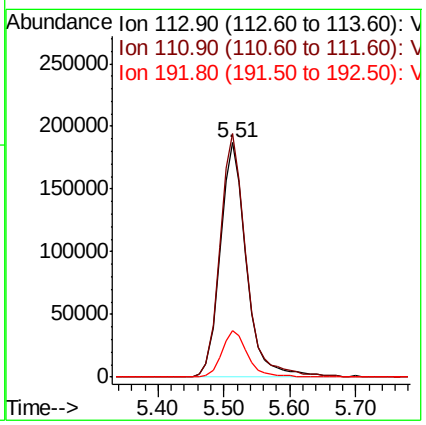


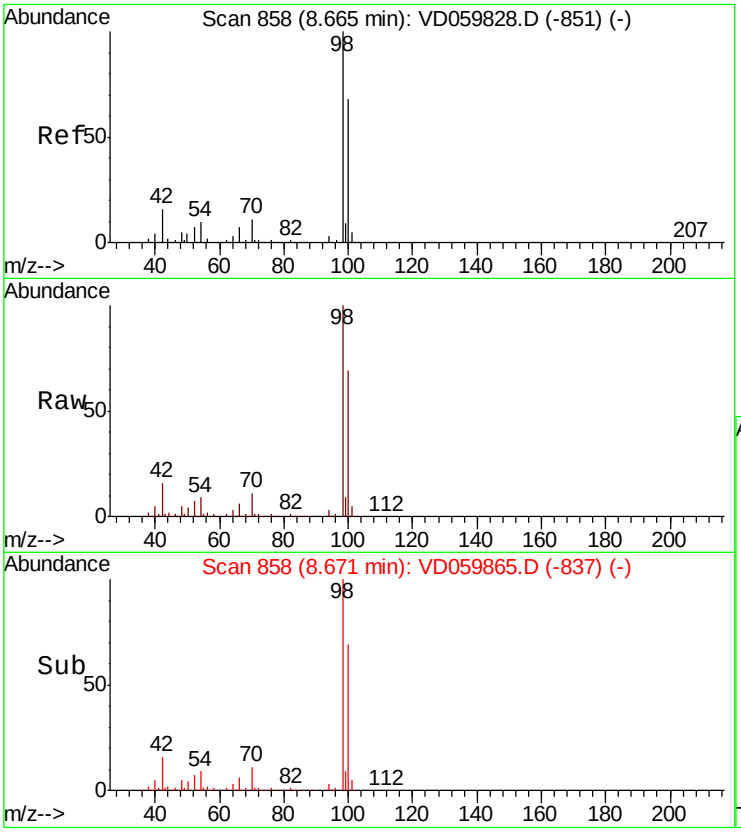


#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.51 min Scan# 537
Delta R.T. 0.01 min
Lab File: VD059865.D
Acq: 21 Aug 2018 19:40

Tgt Ion:113 Resp: 519170

Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.3	124.9
192	19.7	16.8	25.2



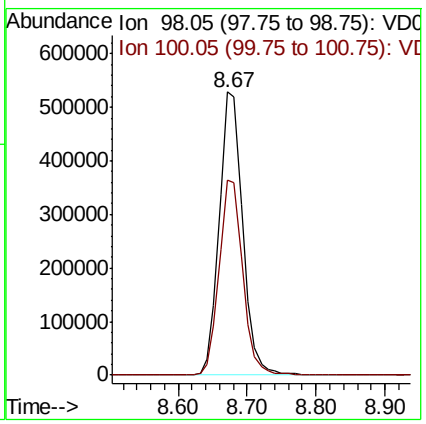


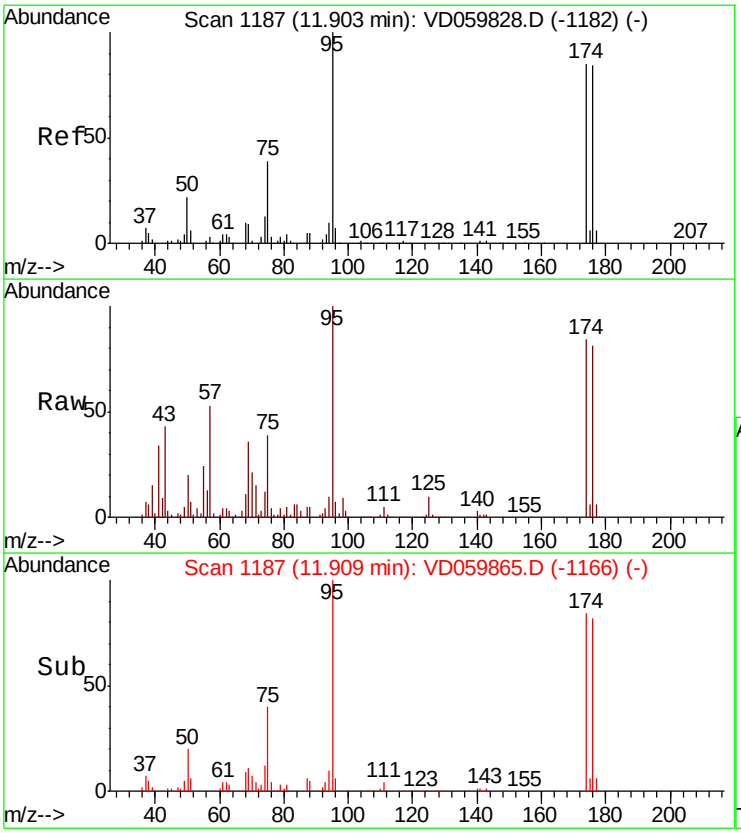
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.67 min Scan# 858
Delta R.T. 0.01 min
Lab File: VD059865.D
Acq: 21 Aug 2018 19:40

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-75-048

Tgt Ion: 98 Resp: 1244810

Ion	Ratio	Lower	Upper
98	100		
100	69.0	55.0	82.4

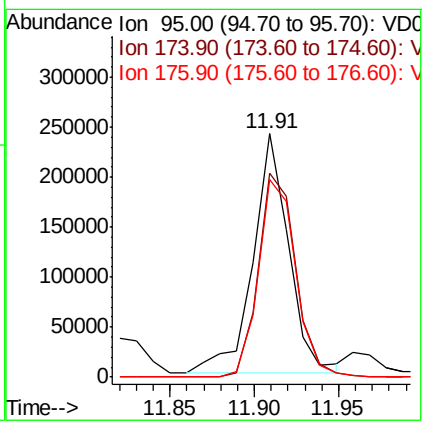


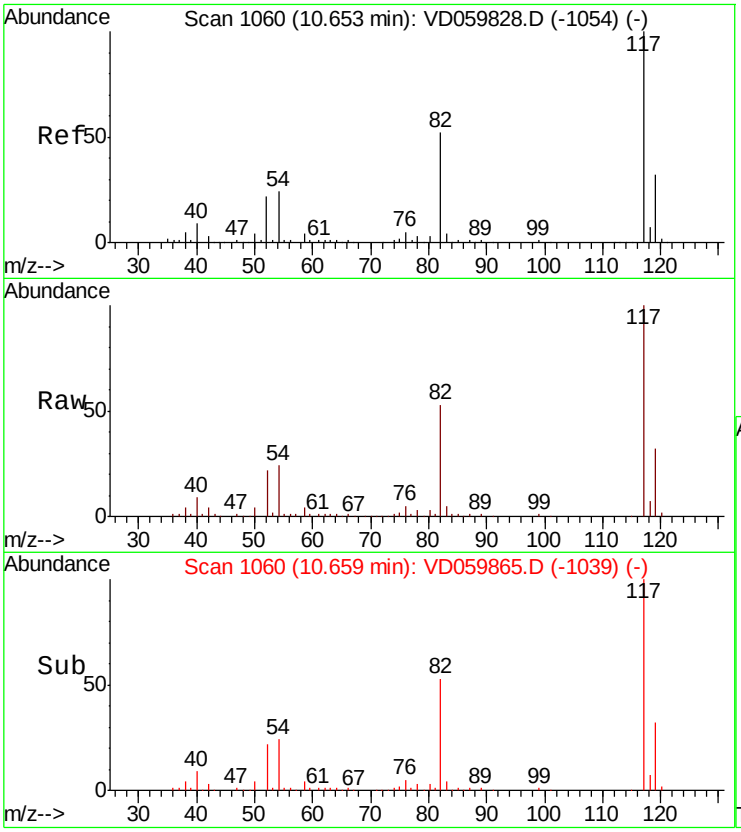


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.91 min Scan# 1187
Delta R.T. 0.01 min
Lab File: VD059865.D
Acq: 21 Aug 2018 19:40

Tgt Ion: 95 Resp: 352130

Ion	Ratio	Lower	Upper
95	100		
174	83.7	0.0	169.2
176	81.1	0.0	168.0



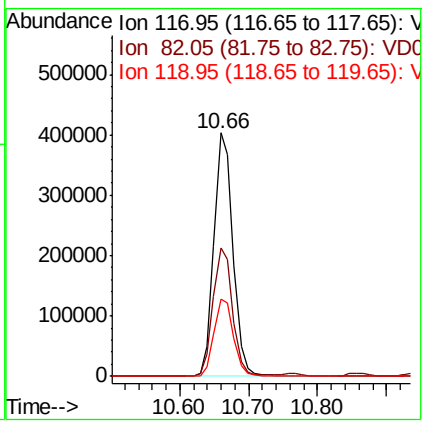


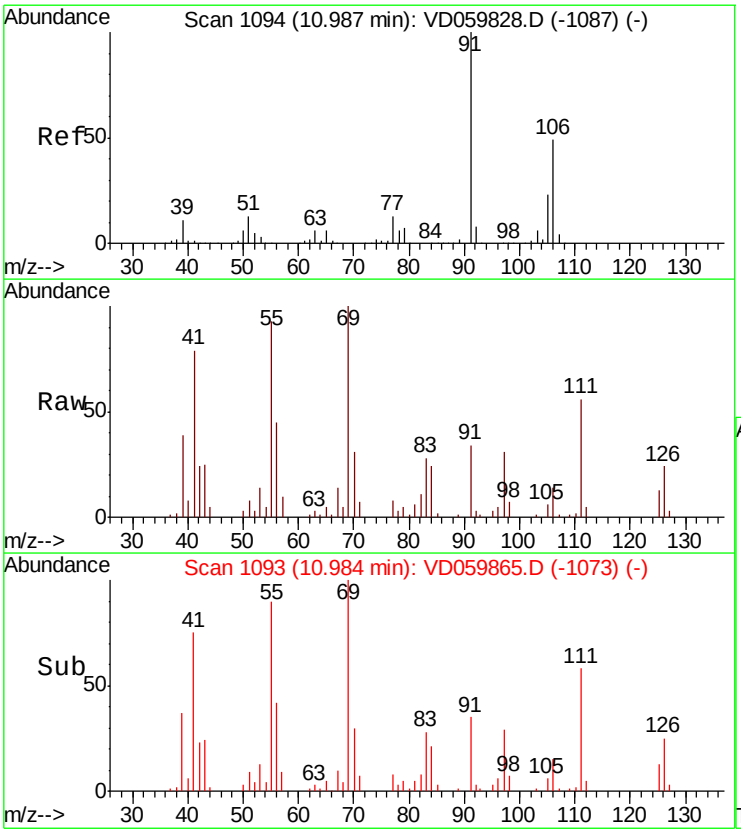
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.66 min Scan# 1060
Delta R.T. 0.01 min
Lab File: VD059865.D
Acq: 21 Aug 2018 19:40

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-75-048

Tgt Ion:117 Resp: 770428

Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.6	62.4
119	31.9	25.6	38.4

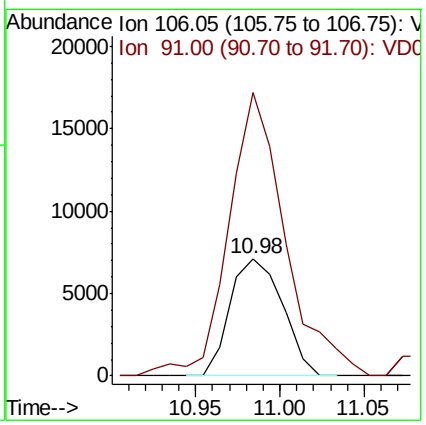


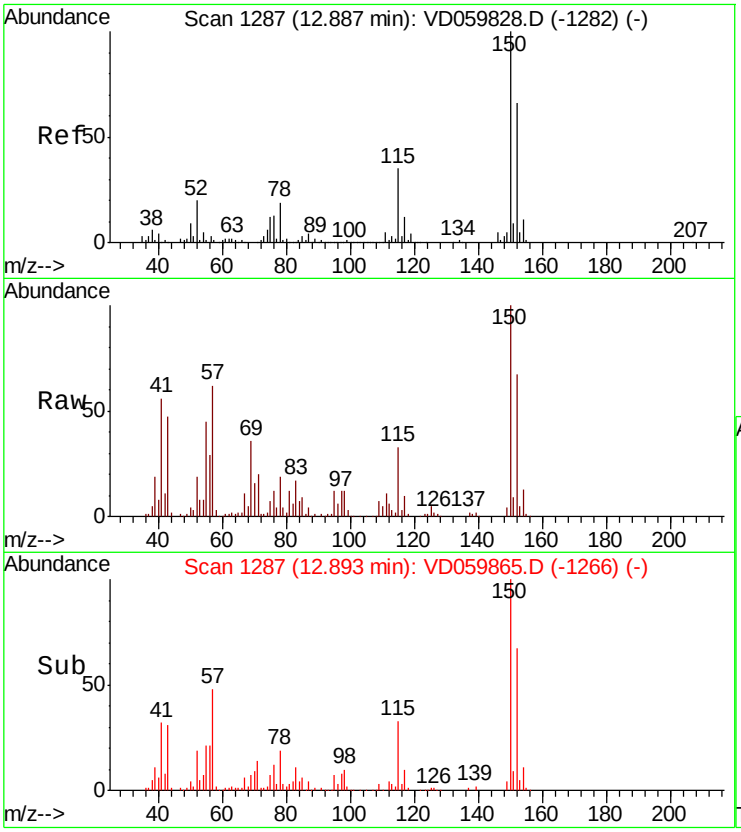


#68
m/p-Xylenes
Concen: 1.95 ug/l
RT: 10.98 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD059865.D
Acq: 21 Aug 2018 19:40

Tgt Ion:106 Resp: 15326

Ion	Ratio	Lower	Upper
106	100		
91	241.7	161.8	242.8



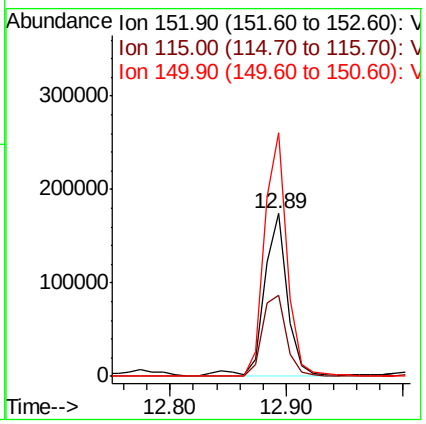


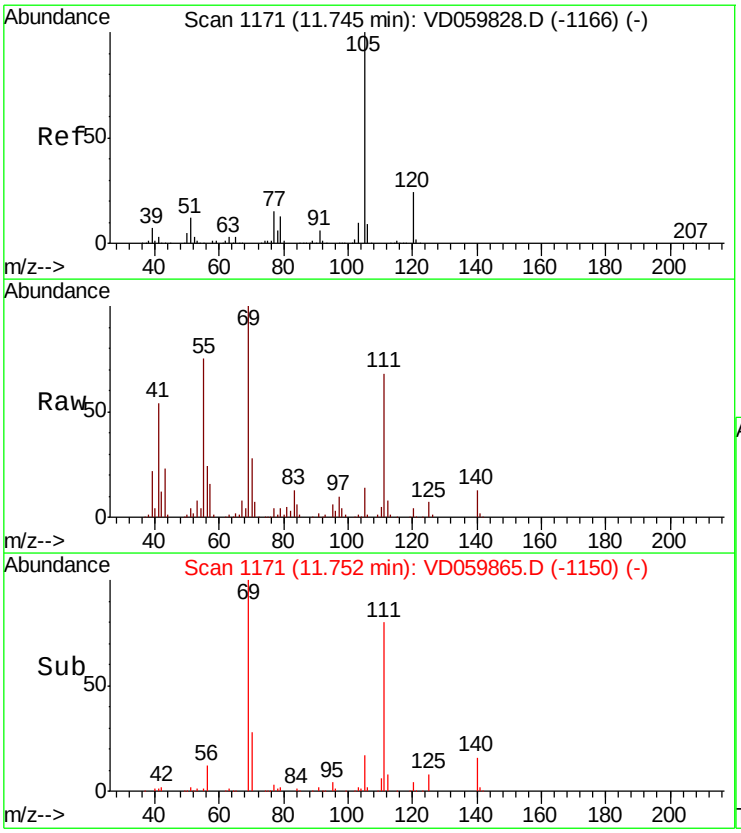
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.89 min Scan# 1287
Delta R.T. 0.01 min
Lab File: VD059865.D
Acq: 21 Aug 2018 19:40

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-75-048

Tgt Ion:152 Resp: 235722

Ion	Ratio	Lower	Upper
152	100		
115	50.0	26.9	80.6
150	149.6	0.0	306.8

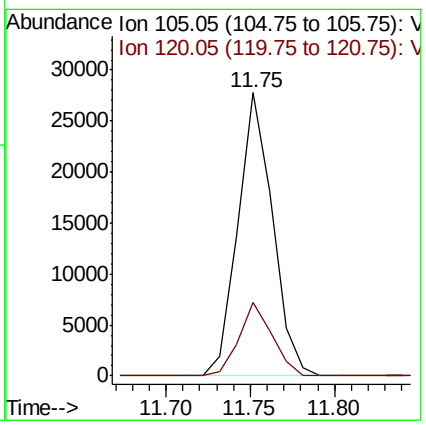


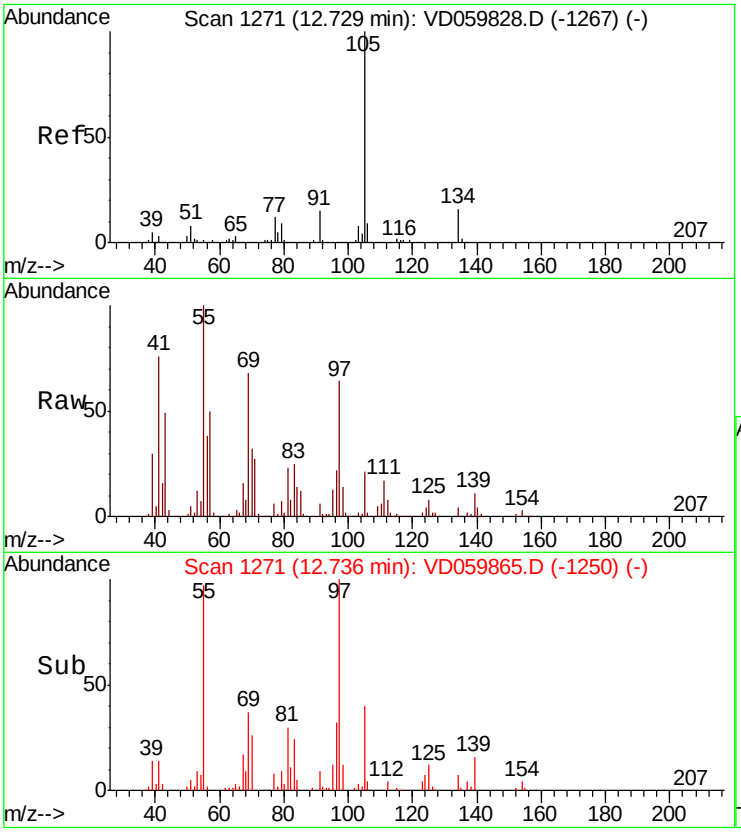


#73
Isopropylbenzene
Concen: 2.46 ug/l
RT: 11.75 min Scan# 1171
Delta R.T. 0.01 min
Lab File: VD059865.D
Acq: 21 Aug 2018 19:40

Tgt Ion:105 Resp: 39518

Ion	Ratio	Lower	Upper
105	100		
120	26.2	11.9	35.5





#85
sec-Butylbenzene
Concen: 3.24 ug/l
RT: 12.74 min Scan# 1271
Delta R.T. 0.01 min
Lab File: VD059865.D
Acq: 21 Aug 2018 19:40

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-75-048

Tgt Ion:105 Resp: 54452

Ion	Ratio	Lower	Upper
105	100		
134	16.7	7.8	23.5