Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD101018\
Data File : VD060173.D
Acq On : 10 Oct 2018 14:11
Operator : VA/AP
Sample : J5366-01
Misc : 6.07g/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR200035

Quant Time: Oct 11 01:31:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1143254	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.43	114	1531397	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	1279223	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	637921	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	465332	53.70	ug/l	0.01
Spiked Amount 50.000			Recovery = 107.40%			
35) Dibromofluoromethane	6.31	113	555439	47.76	ug/l	0.01
Spiked Amount 50.000			Recovery = 95.52%			
50) Toluene-d8	9.45	98	1494013	45.05	ug/l	0.01
Spiked Amount 50.000			Recovery = 90.10%			
62) 4-Bromofluorobenzene	12.42	95	570853	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.96%			
Target Compounds						Qvalue
8) Diethyl Ether	2.82	74	3024	1.548	ug/l	91
16) Acetone	3.14	43	25443	16.180	ug/l	100
20) Methylene Chloride	3.70	84	182308	11.410	ug/l	99
73) Isopropylbenzene	12.26	105	49329	1.172	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.09	105	37996	1.107	ug/l	89
86) p-Isopropyltoluene	13.34	119	40808	1.126	ug/l	95
95) Naphthalene	14.97	128	2411160	106.969	ug/l	99

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

Quantitation Report (QT/LSC Reviewed)

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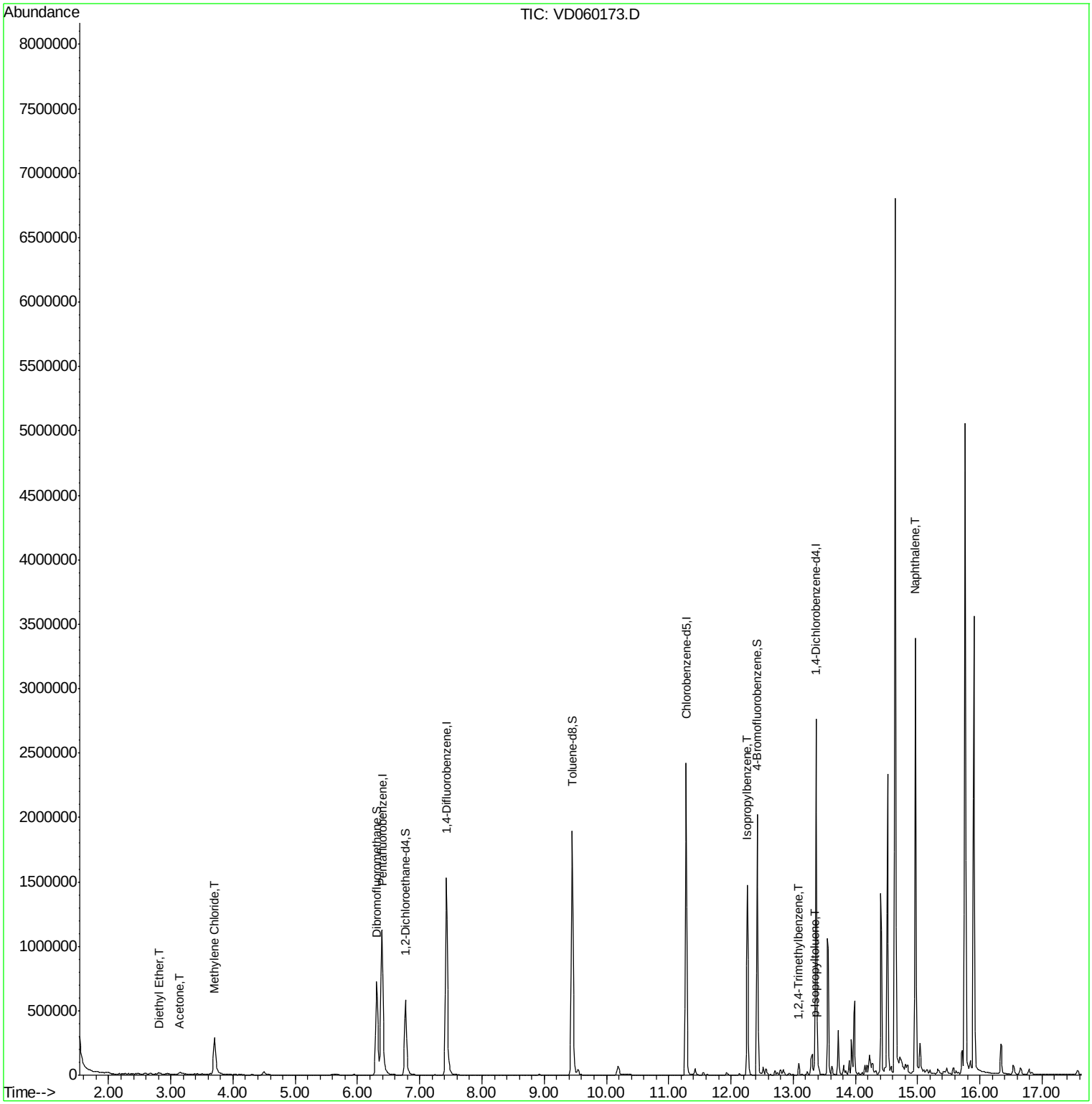
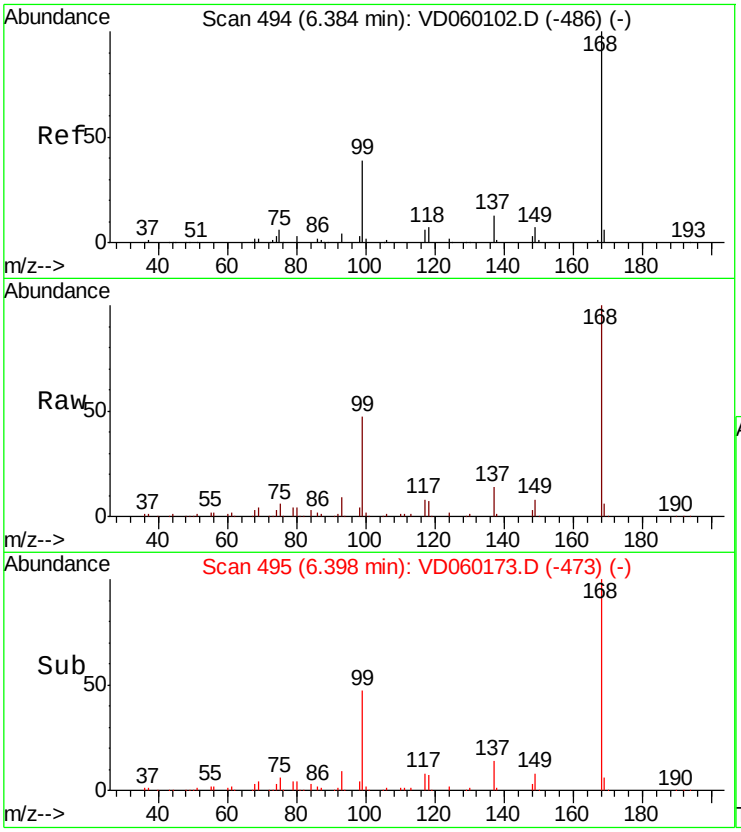


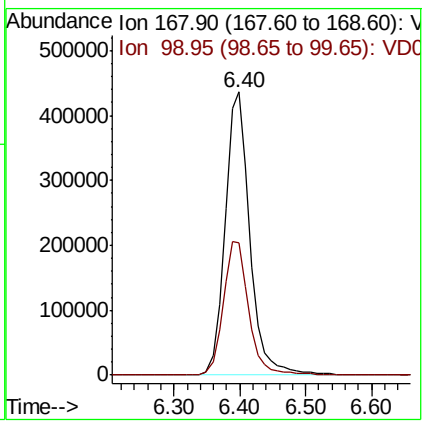


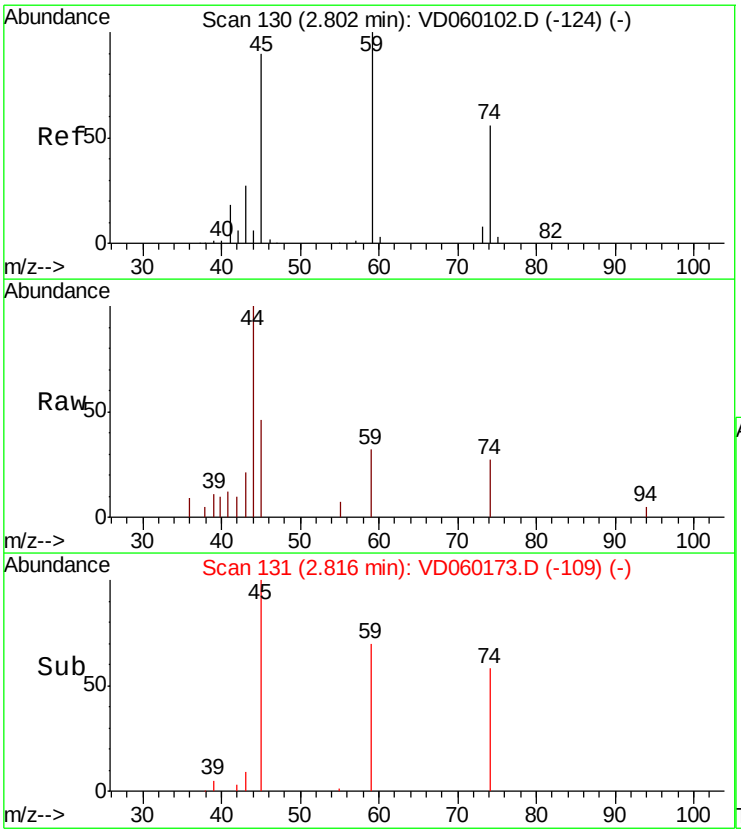
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.40 min Scan# 495
Delta R.T. 0.01 min
Lab File: VD060173.D
Acq: 10 Oct 2018 14:11

Instrument : MSVOA_D
ClientSampleId : RBR200035

Tgt Ion:168 Resp: 1143254

Ion	Ratio	Lower	Upper
168	100		
99	46.6	35.4	53.0

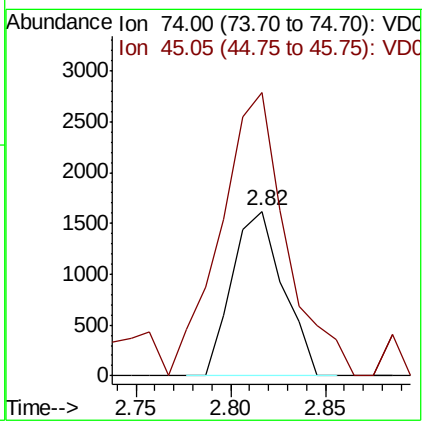


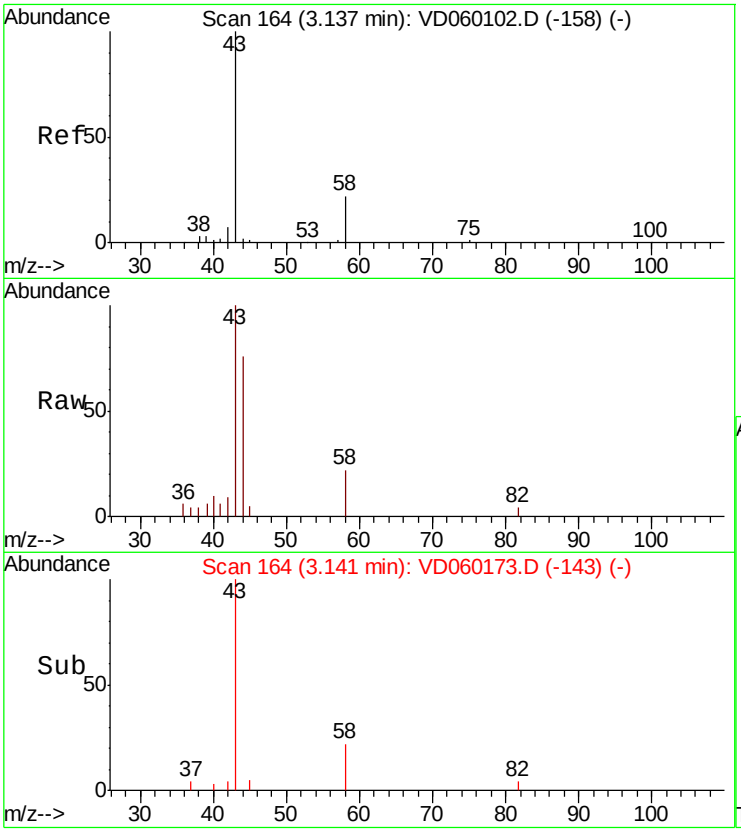


#8
Diethyl Ether
Concen: 1.548 ug/l
RT: 2.82 min Scan# 131
Delta R.T. 0.01 min
Lab File: VD060173.D
Acq: 10 Oct 2018 14:11

Tgt Ion: 74 Resp: 3024

Ion	Ratio	Lower	Upper
74	100		
45	172.2	80.3	241.0



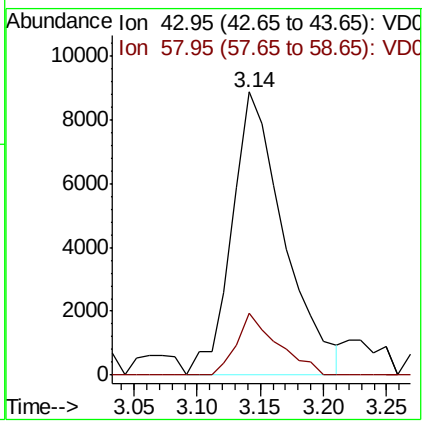


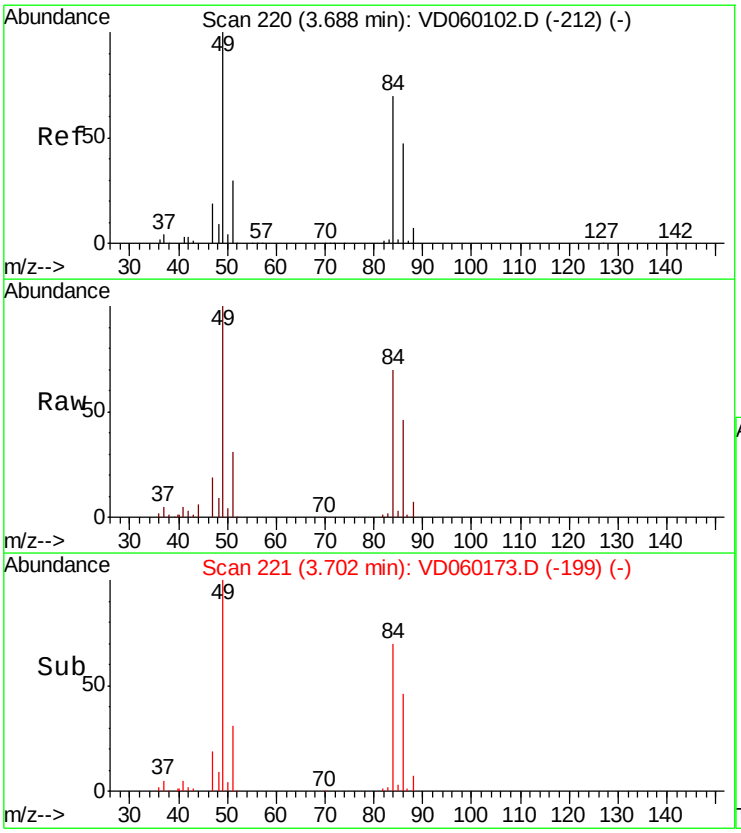
#16
Acetone
Concen: 16.180 ug/l
RT: 3.14 min Scan# 164
Delta R.T. 0.00 min
Lab File: VD060173.D
Acq: 10 Oct 2018 14:11

Instrument : MSVOA_D
ClientSampleId : RBR200035

Tgt Ion: 43 Resp: 25443

Ion	Ratio	Lower	Upper
43	100		
58	21.9	17.7	26.5

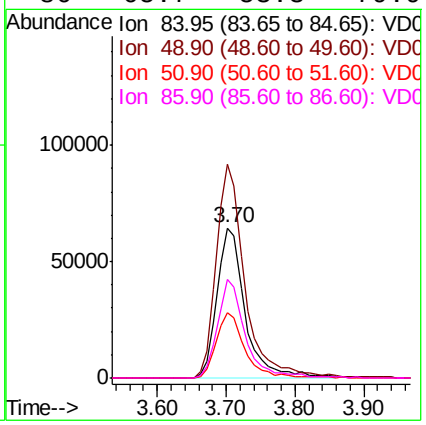


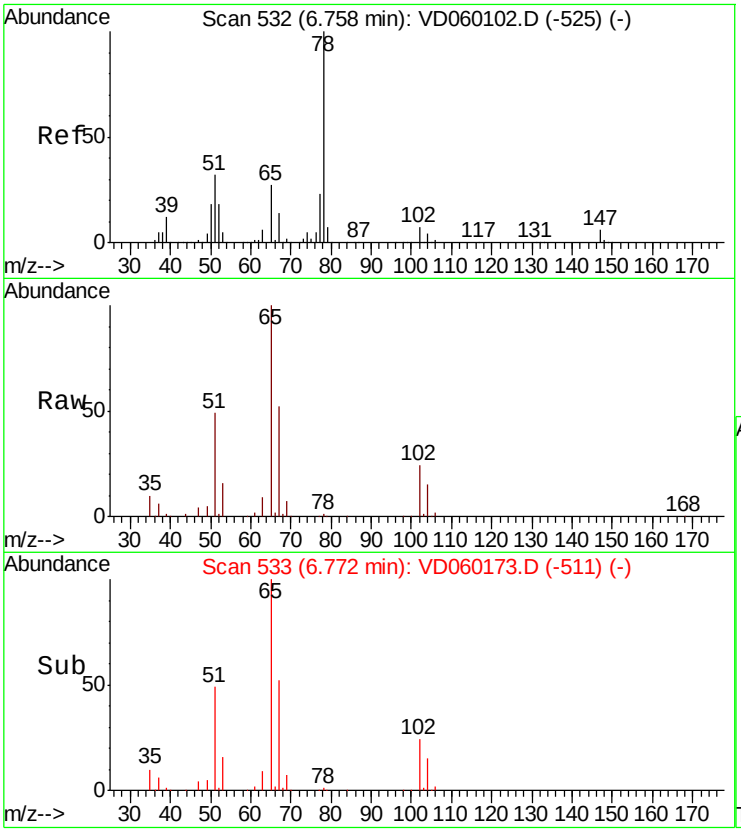


#20
Methylene Chloride
Concen: 11.410 ug/l
RT: 3.70 min Scan# 221
Delta R.T. 0.01 min
Lab File: VD060173.D
Acq: 10 Oct 2018 14:11

Tgt Ion: 84 Resp: 182308

Ion	Ratio	Lower	Upper
84	100		
49	142.1	114.6	172.0
51	43.8	33.8	50.8
86	65.7	53.3	79.9



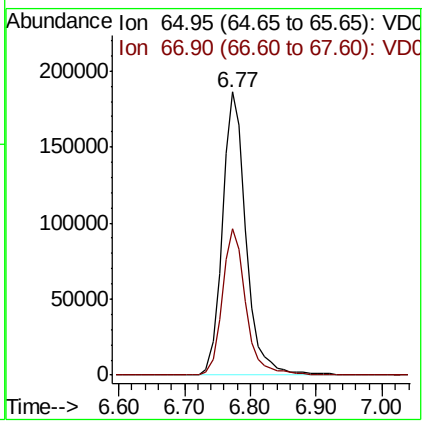


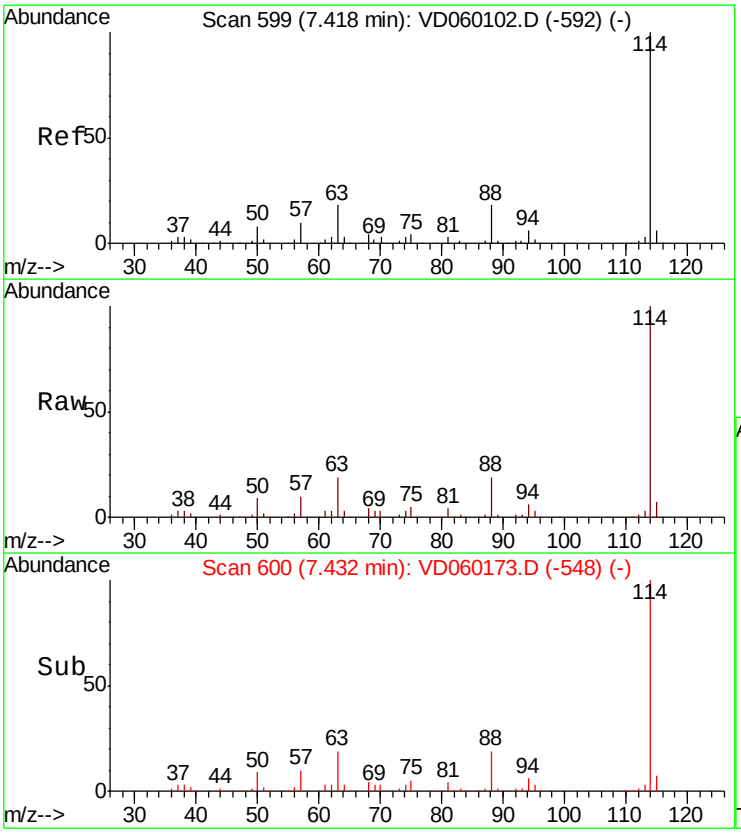
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 533
Delta R.T. 0.01 min
Lab File: VD060173.D
Acq: 10 Oct 2018 14:11

Instrument : MSVOA_D
ClientSampleId : RBR200035

Tgt Ion: 65 Resp: 465332

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	106.2

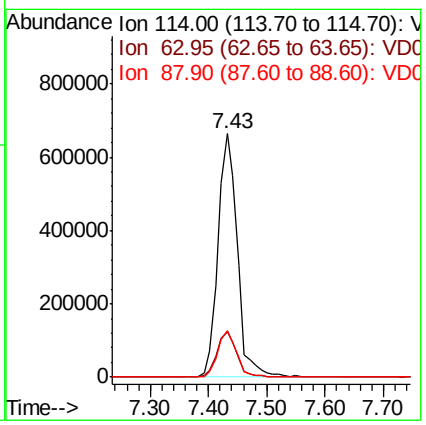


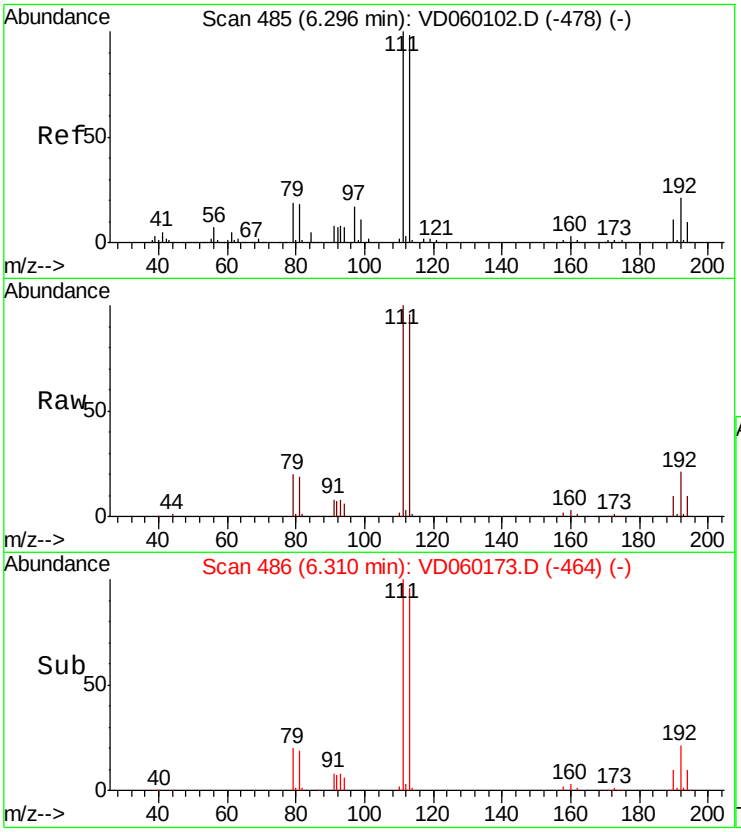


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.43 min Scan# 600
Delta R.T. 0.01 min
Lab File: VD060173.D
Acq: 10 Oct 2018 14:11

Tgt Ion:114 Resp: 1531397

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	36.0
88	18.9	0.0	36.2



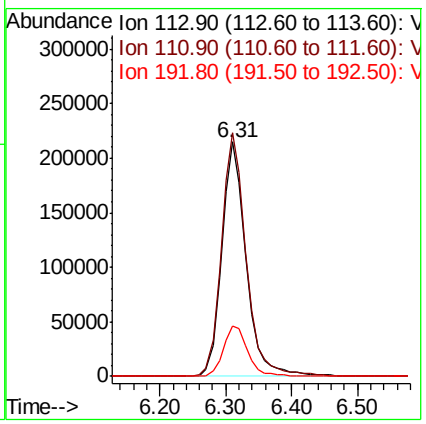


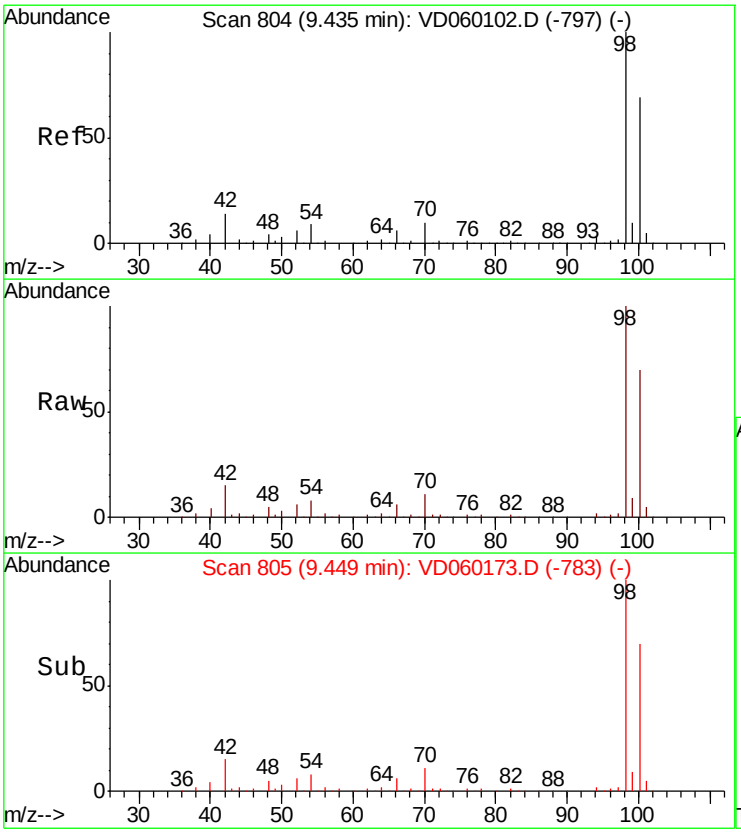
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.31 min Scan# 486
Delta R.T. 0.01 min
Lab File: VD060173.D
Acq: 10 Oct 2018 14:11

Instrument : MSVOA_D
ClientSampleId : RBR200035

Tgt Ion:113 Resp: 555439

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.5	122.3
192	21.6	17.4	26.0

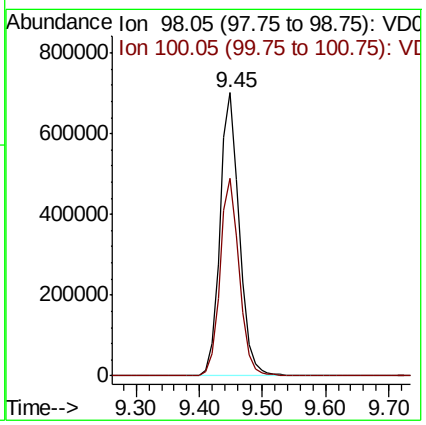


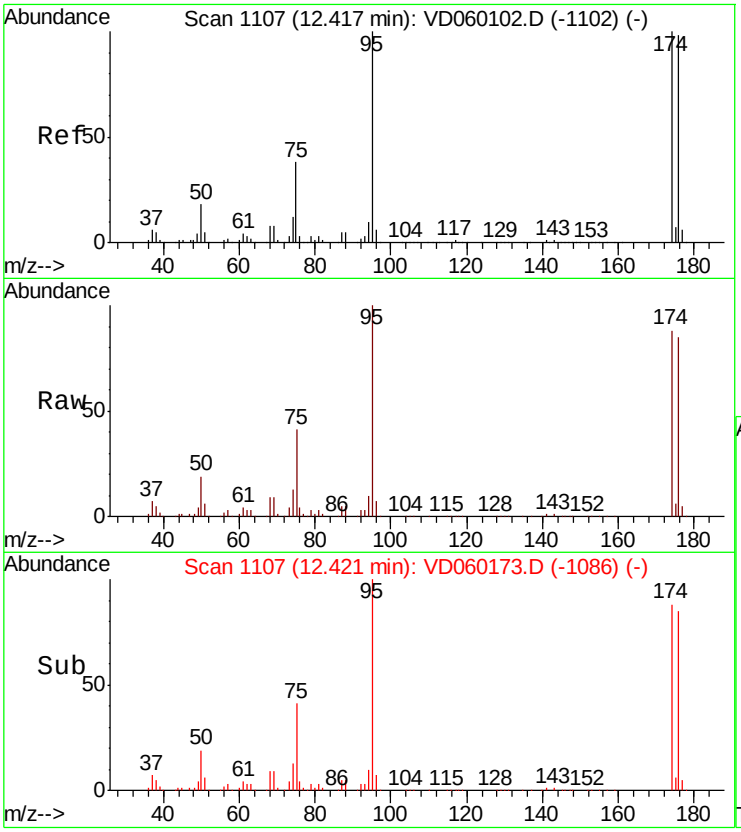


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. 0.01 min
Lab File: VD060173.D
Acq: 10 Oct 2018 14:11

Tgt Ion: 98 Resp: 1494013

Ion	Ratio	Lower	Upper
98	100		
100	69.7	55.4	83.0



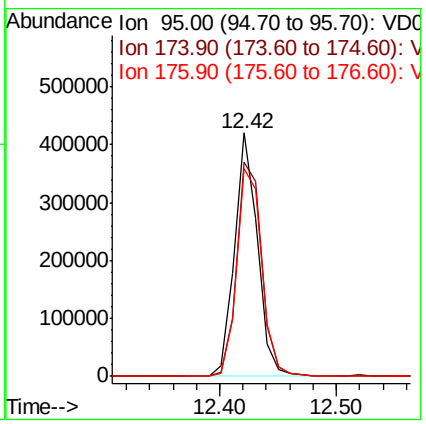


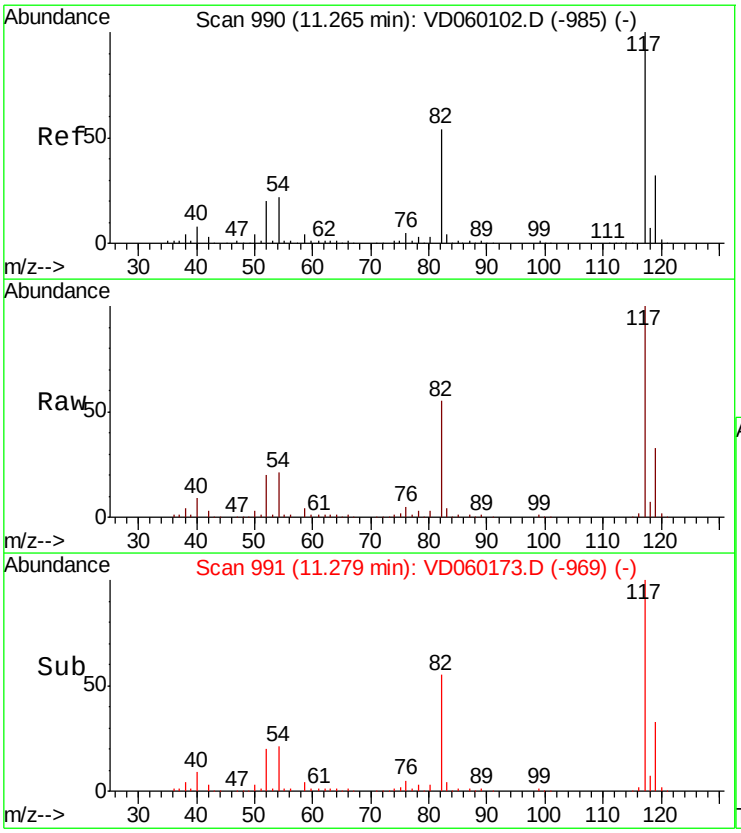
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD060173.D
Acq: 10 Oct 2018 14:11

Instrument : MSVOA_D
ClientSampleId : RBR200035

Tgt Ion: 95 Resp: 570853

Ion	Ratio	Lower	Upper
95	100		
174	87.8	0.0	200.2
176	85.1	0.0	195.6

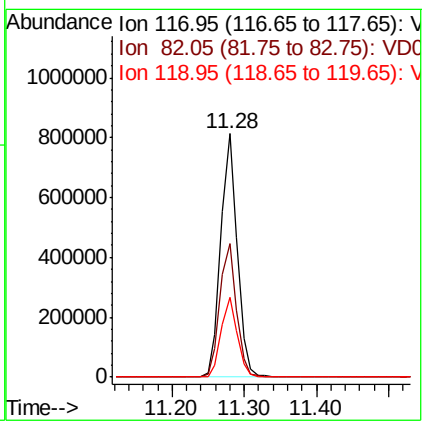


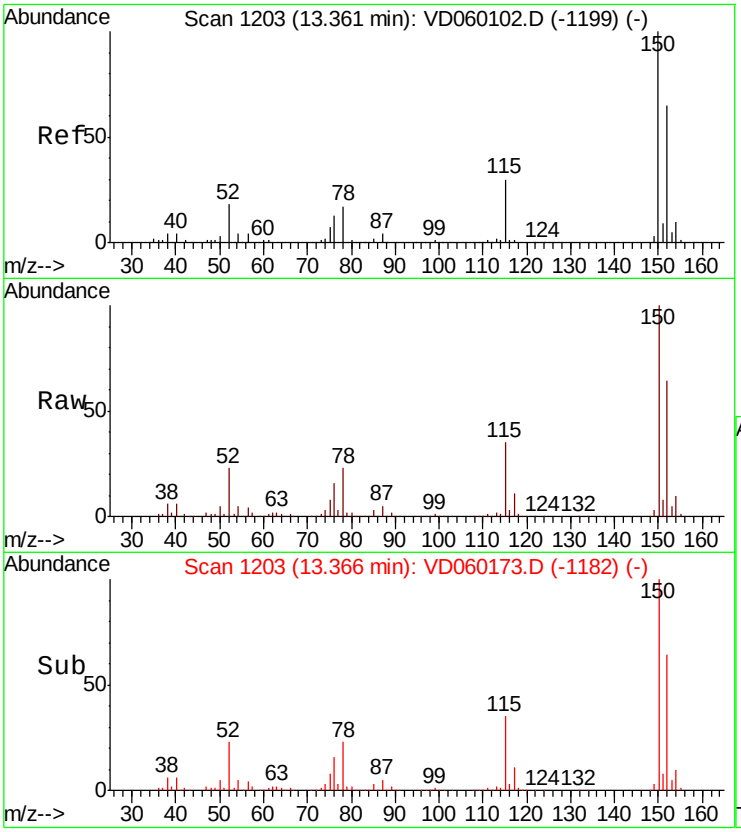


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060173.D
Acq: 10 Oct 2018 14:11

Tgt Ion:117 Resp: 1279223

Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.4	65.2
119	32.8	26.0	39.0



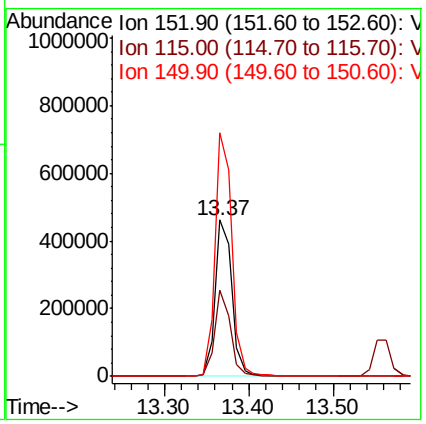


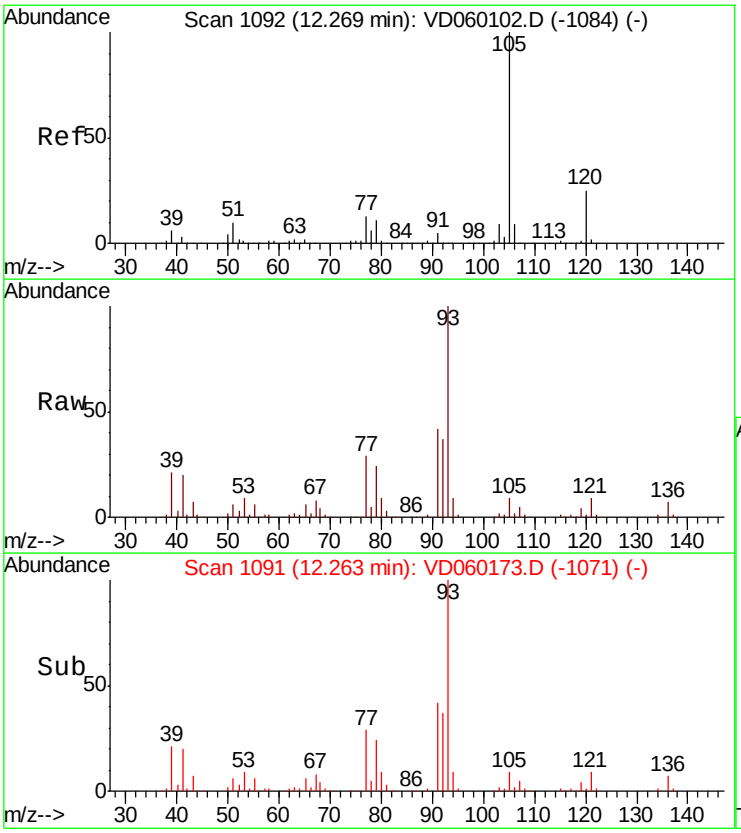
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1203
Delta R.T. 0.00 min
Lab File: VD060173.D
Acq: 10 Oct 2018 14:11

Instrument : MSVOA_D
ClientSampleId : RBR200035

Tgt Ion:152 Resp: 637921

Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.1	81.2
150	155.9	0.0	311.8

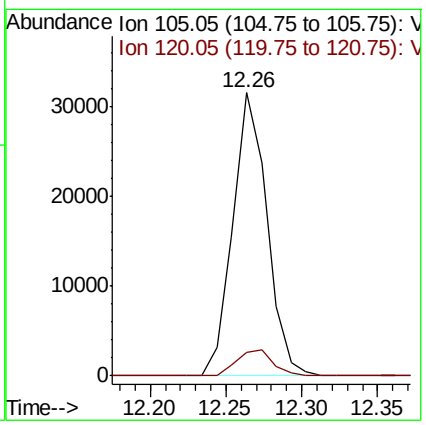


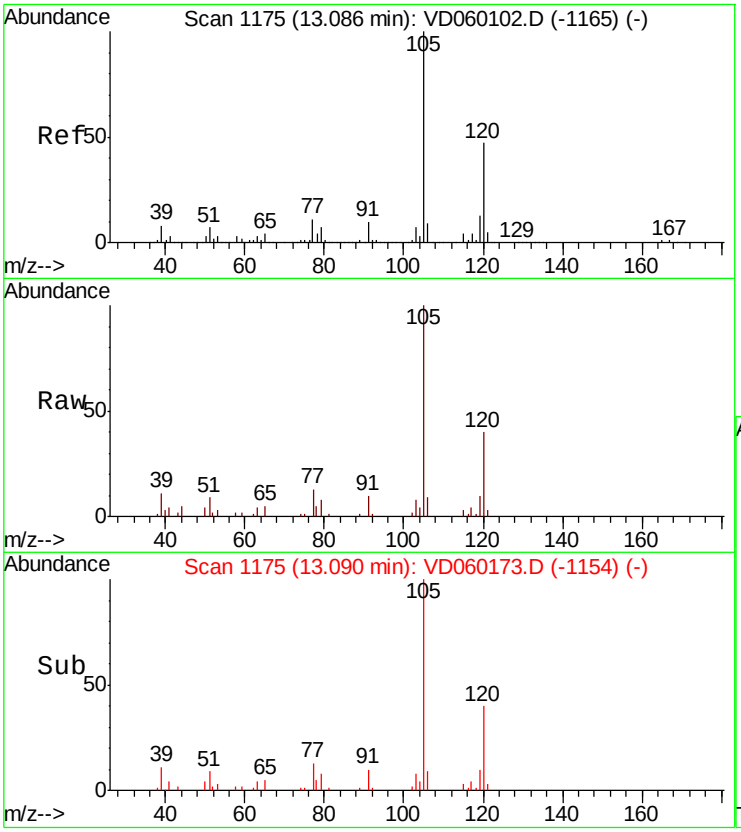


#73
Isopropylbenzene
Concen: 1.172 ug/l
RT: 12.26 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VD060173.D
Acq: 10 Oct 2018 14:11

Tgt Ion:105 Resp: 49329

Ion	Ratio	Lower	Upper
105	100		
120	8.3	12.6	37.6#



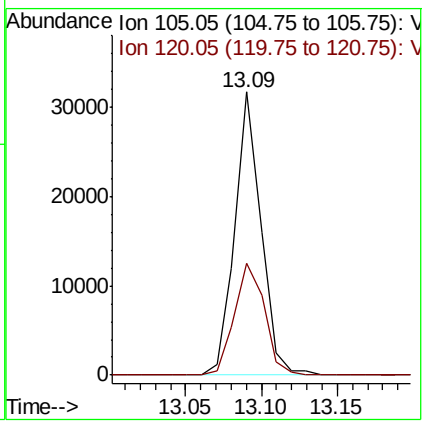


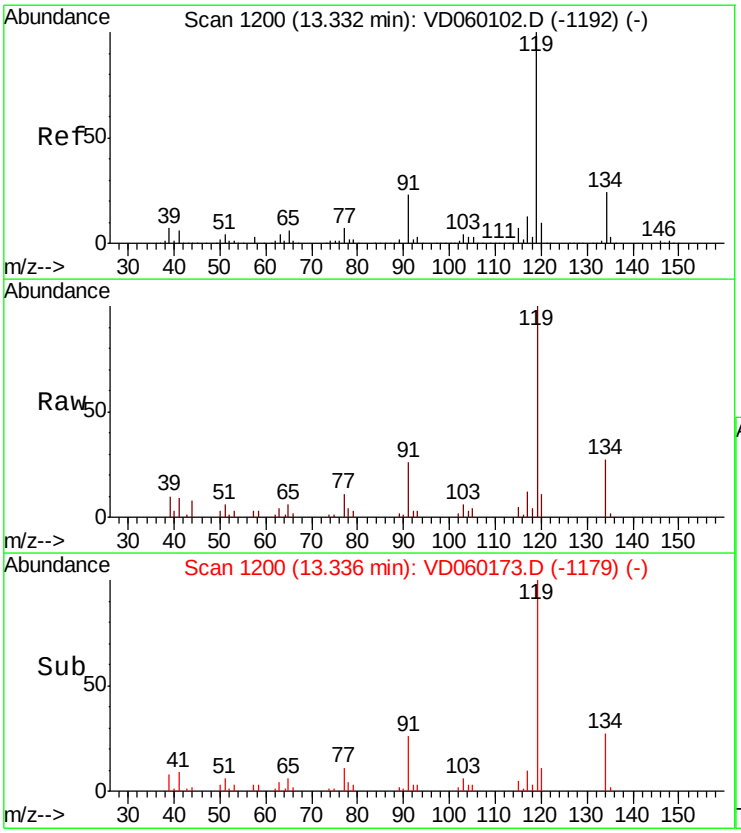
#84
1,2,4-Trimethylbenzene
Concen: 1.107 ug/l
RT: 13.09 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VD060173.D
Acq: 10 Oct 2018 14:11

Instrument :
MSVOA_D
ClientSampleId :
RBR200035

Tgt Ion:105 Resp: 37996

Ion	Ratio	Lower	Upper
105	100		
120	39.6	23.4	70.0

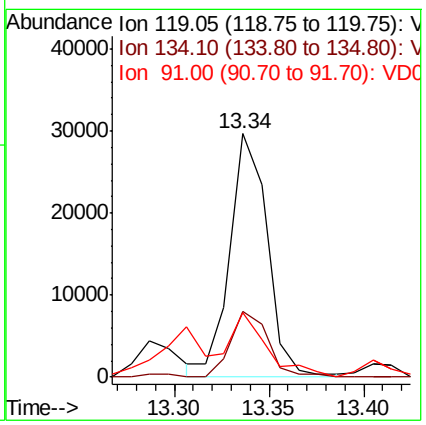


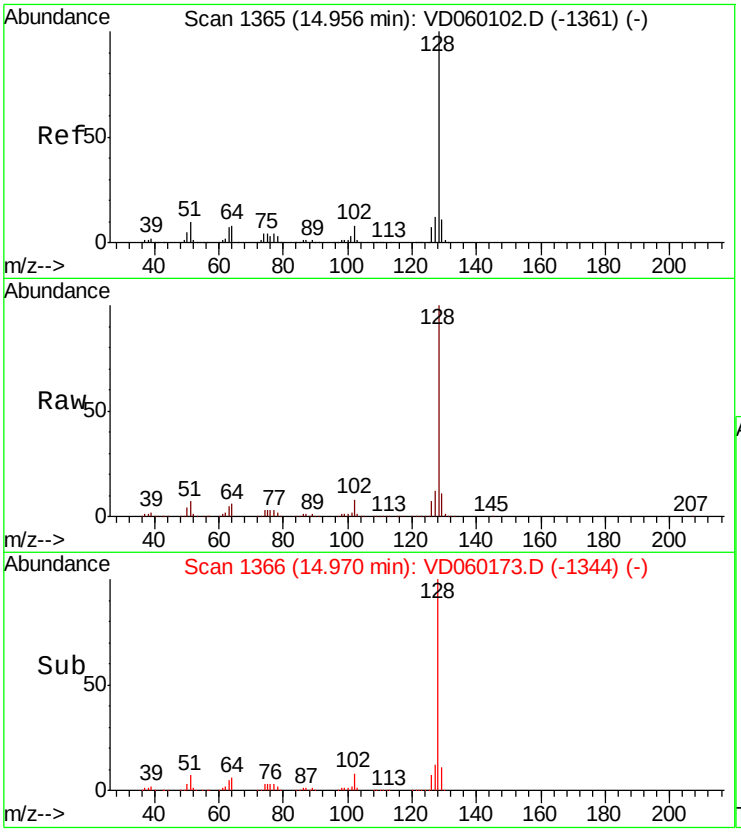


#86
p-Isopropyltoluene
Concen: 1.126 ug/l
RT: 13.34 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VD060173.D
Acq: 10 Oct 2018 14:11

Tgt Ion:119 Resp: 40808

Ion	Ratio	Lower	Upper
119	100		
134	26.9	12.3	36.8
91	26.5	11.8	35.4





#95
Naphthalene
Concen: 106.969 ug/l
RT: 14.97 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VD060173.D
Acq: 10 Oct 2018 14:11

Instrument :
MSVOA_D
ClientSampleId :
RBR200035

Tgt Ion:128 Resp: 2411160

Ion	Ratio	Lower	Upper
128	100		
127	12.2	9.9	14.9
129	11.3	8.8	13.2