Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121218\
Data File : VD060544.D
Acq On : 12 Dec 2018 13:52
Operator : VA/AP
Sample : J6189-01
Misc : 5.56g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : HR-05-121118-A

Quant Time: Dec 13 00:37:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1453609	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	2017722	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	1637509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	787119	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	475935	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.38%			
35) Dibromofluoromethane	6.32	113	670723	45.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.52%			
50) Toluene-d8	9.45	98	1809181	42.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.36%			
62) 4-Bromofluorobenzene	12.42	95	653588	42.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.18%			
Target Compounds						Qvalue
16) Acetone	3.16	43	45141	27.333	ug/l	98
20) Methylene Chloride	3.72	84	184516	8.451	ug/l	95
52) Toluene	9.54	92	297778	9.452	ug/l	97
68) m/p-Xylenes	11.56	106	35490	1.623	ug/l	82
69) o-Xylene	11.93	106	28422	1.364	ug/l	92
80) 1,3,5-Trimethylbenzene	12.79	105	67186	1.579	ug/l	97
84) 1,2,4-Trimethylbenzene	13.09	105	305006	6.921	ug/l	98
89) n-Butylbenzene	13.64	91	67013	1.035	ug/l	98
95) Naphthalene	14.96	128	136108	6.756	ug/l	98

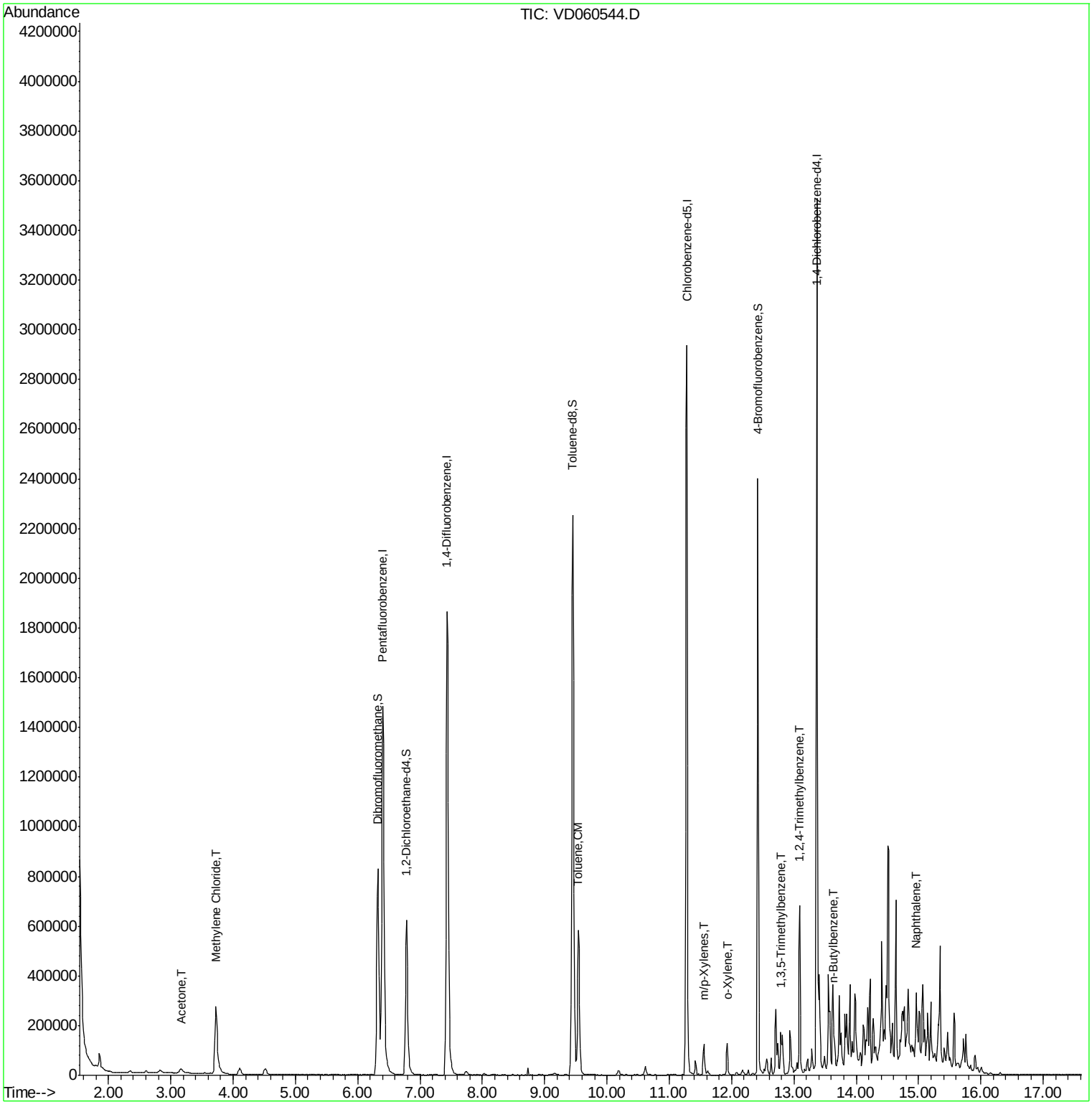
(#) = qualifier out of range (m) = manual integration (+) = signals summed

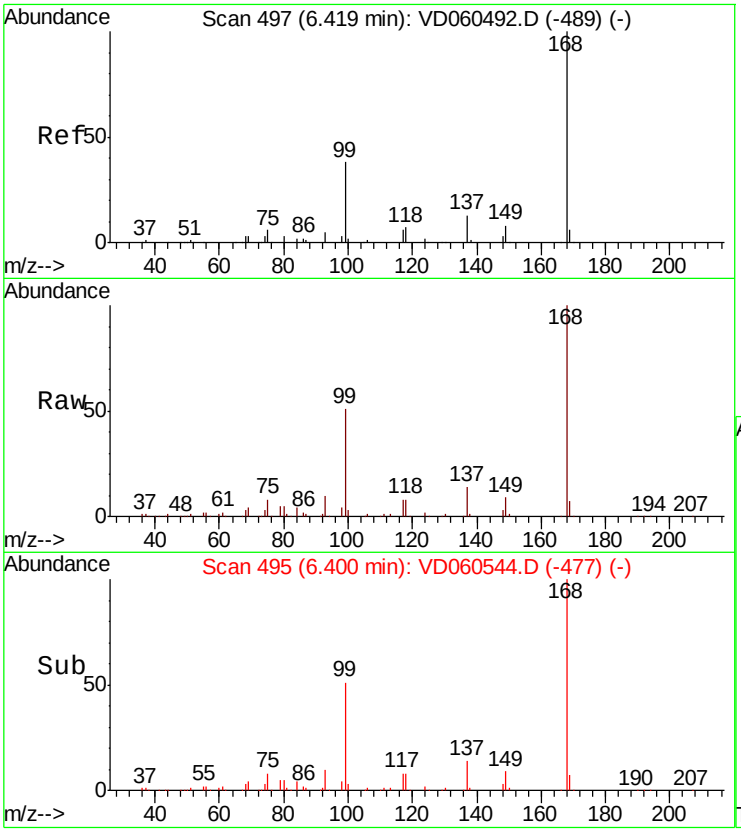
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121218\
Data File : VD060544.D
Acq On : 12 Dec 2018 13:52
Operator : VA/AP
Sample : J6189-01
Misc : 5.56g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-05-121118-A

Quant Time: Dec 13 00:37:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration



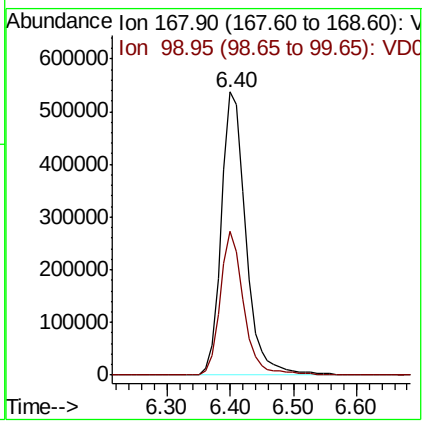


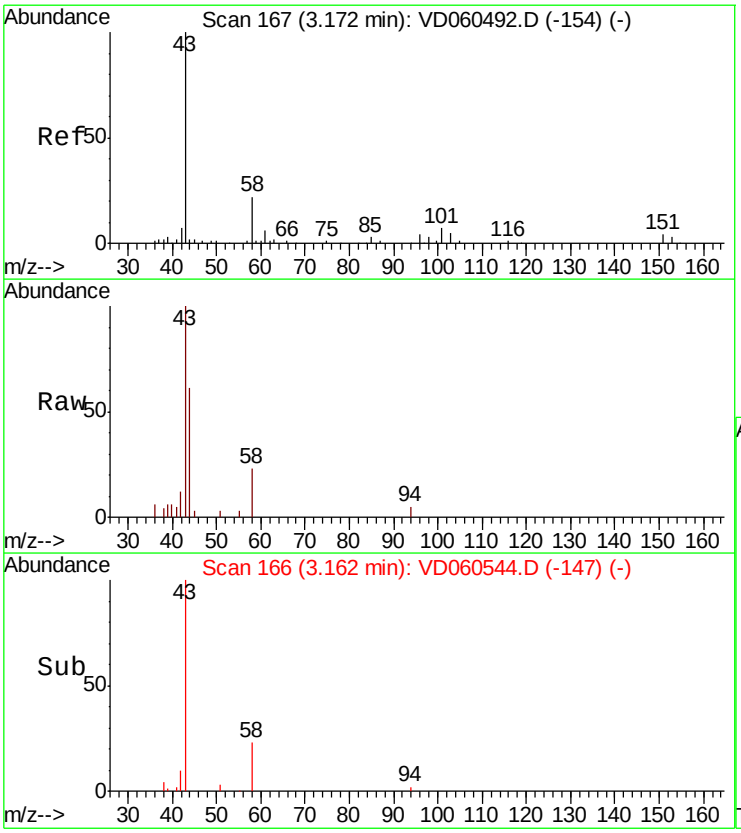
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.40 min Scan# 495
Delta R.T. -0.02 min
Lab File: VD060544.D
Acq: 12 Dec 2018 13:52

Instrument : MSVOA_D
ClientSampleId : HR-05-121118-A

Tgt Ion:168 Resp: 1453609

Ion	Ratio	Lower	Upper
168	100		
99	50.9	35.6	53.4

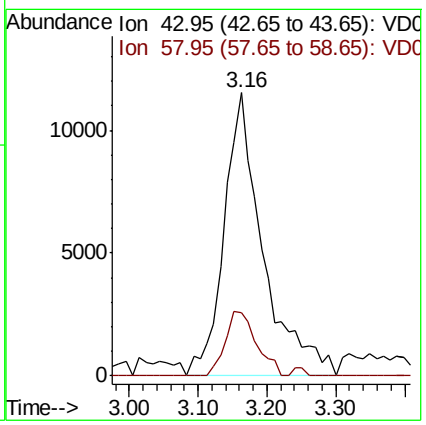


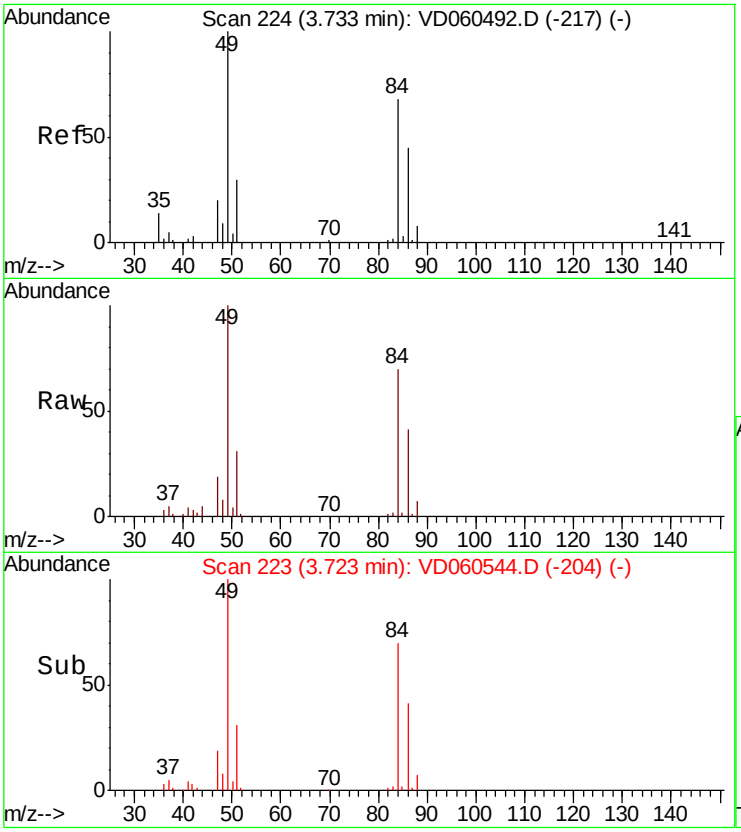


#16
Acetone
Concen: 27.333 ug/l
RT: 3.16 min Scan# 166
Delta R.T. -0.01 min
Lab File: VD060544.D
Acq: 12 Dec 2018 13:52

Tgt Ion: 43 Resp: 45141

Ion	Ratio	Lower	Upper
43	100		
58	22.5	17.3	25.9



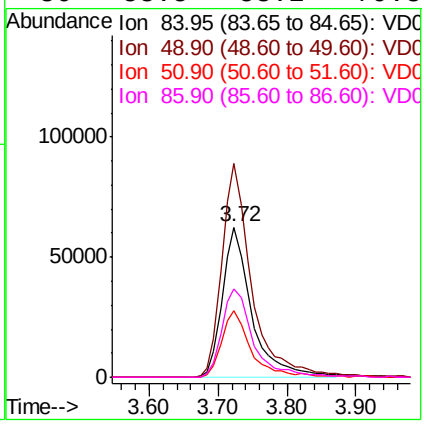


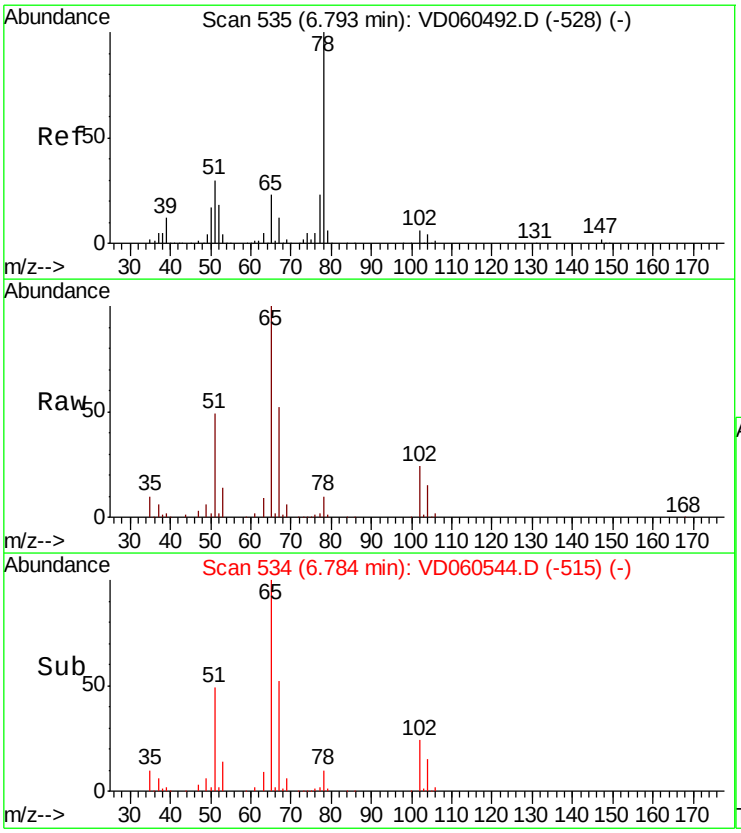
#20
Methylene Chloride
Concen: 8.451 ug/l
RT: 3.72 min Scan# 223
Delta R.T. -0.01 min
Lab File: VD060544.D
Acq: 12 Dec 2018 13:52

Instrument : MSVOA_D
ClientSampleId : HR-05-121118-A

Tgt Ion: 84 Resp: 184516

Ion	Ratio	Lower	Upper
84	100		
49	142.2	117.2	175.8
51	44.2	35.3	52.9
86	58.5	53.2	79.8

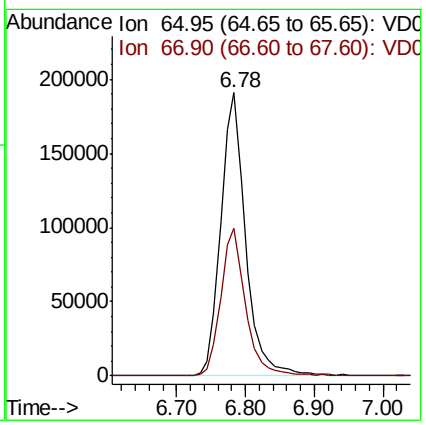


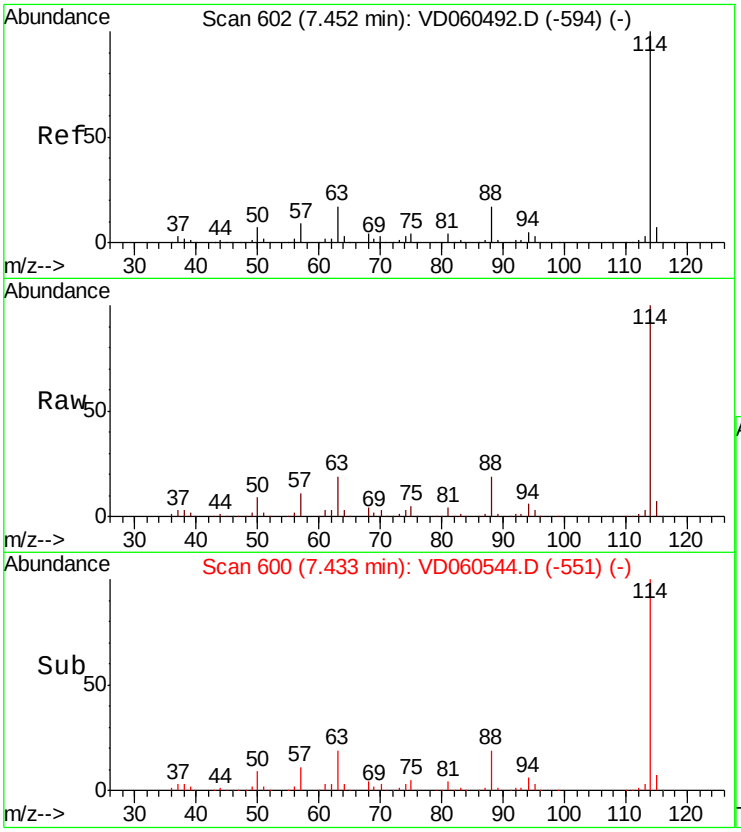


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. -0.01 min
Lab File: VD060544.D
Acq: 12 Dec 2018 13:52

Tgt Ion: 65 Resp: 475935

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	106.8



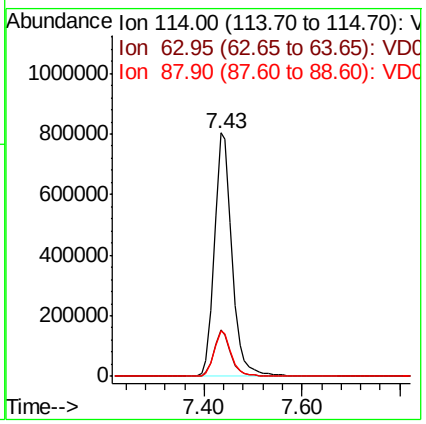


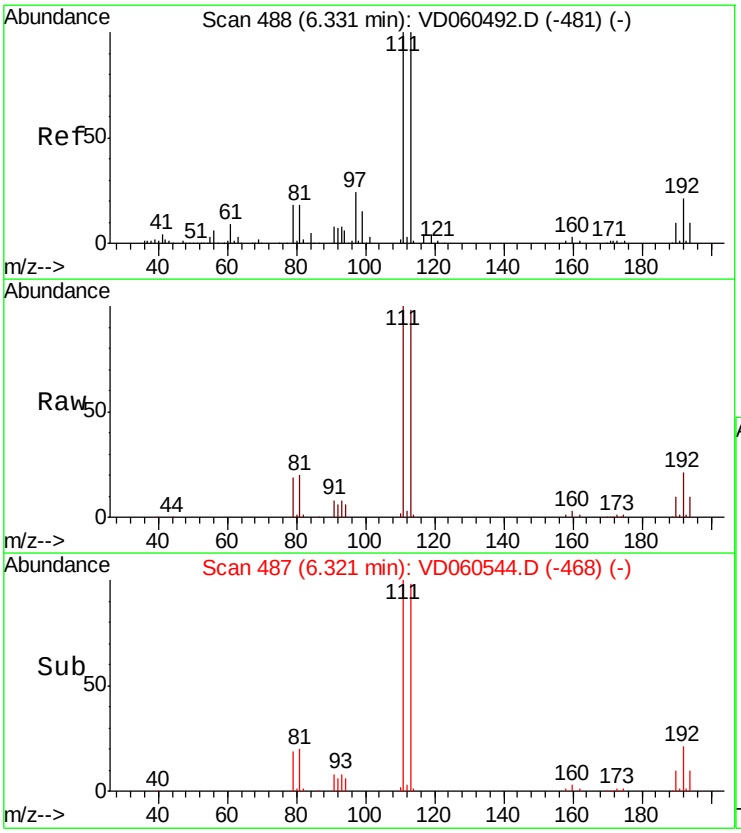
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.43 min Scan# 600
Delta R.T. -0.02 min
Lab File: VD060544.D
Acq: 12 Dec 2018 13:52

Instrument :
MSVOA_D
ClientSampleId :
HR-05-121118-A

Tgt Ion:114 Resp: 2017722

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	34.2
88	18.6	0.0	35.0

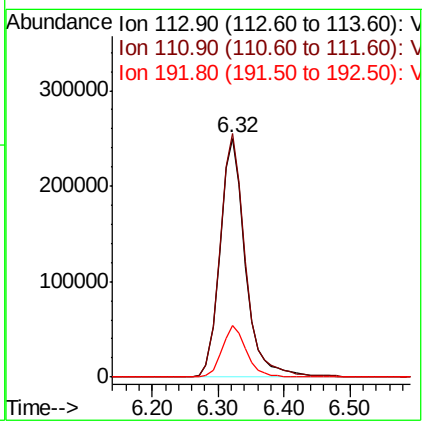


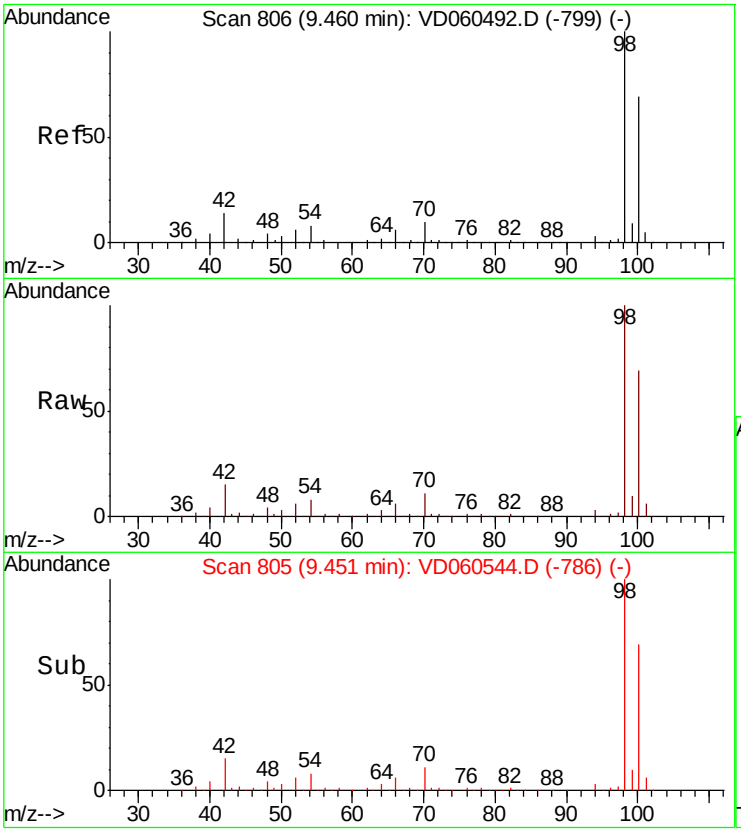


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 487
Delta R.T. -0.01 min
Lab File: VD060544.D
Acq: 12 Dec 2018 13:52

Tgt Ion:113 Resp: 670723

Ion	Ratio	Lower	Upper
113	100		
111	102.0	80.2	120.4
192	21.4	16.6	24.8



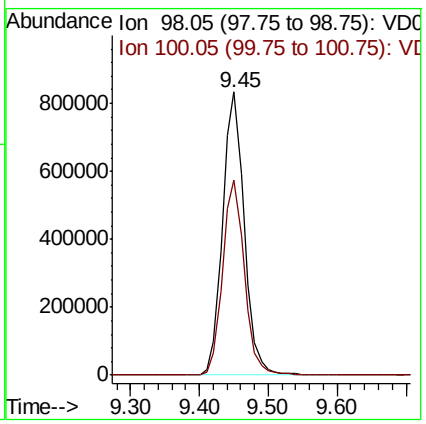


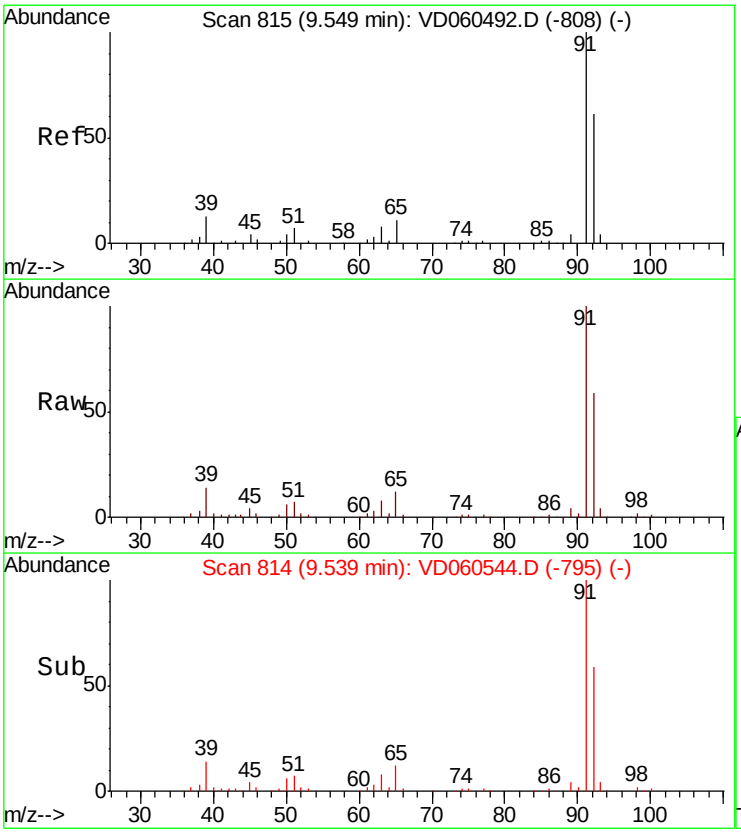
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. -0.01 min
Lab File: VD060544.D
Acq: 12 Dec 2018 13:52

Instrument :
MSVOA_D
ClientSampleId :
HR-05-121118-A

Tgt Ion: 98 Resp: 1809181

Ion	Ratio	Lower	Upper
98	100		
100	68.7	55.7	83.5

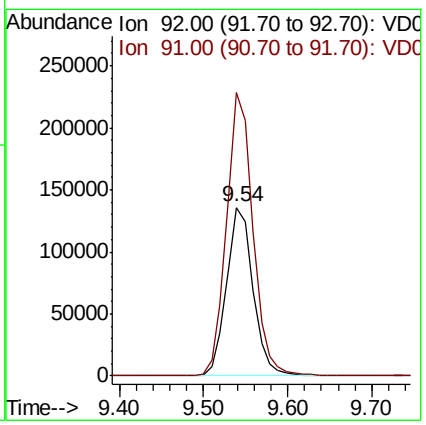


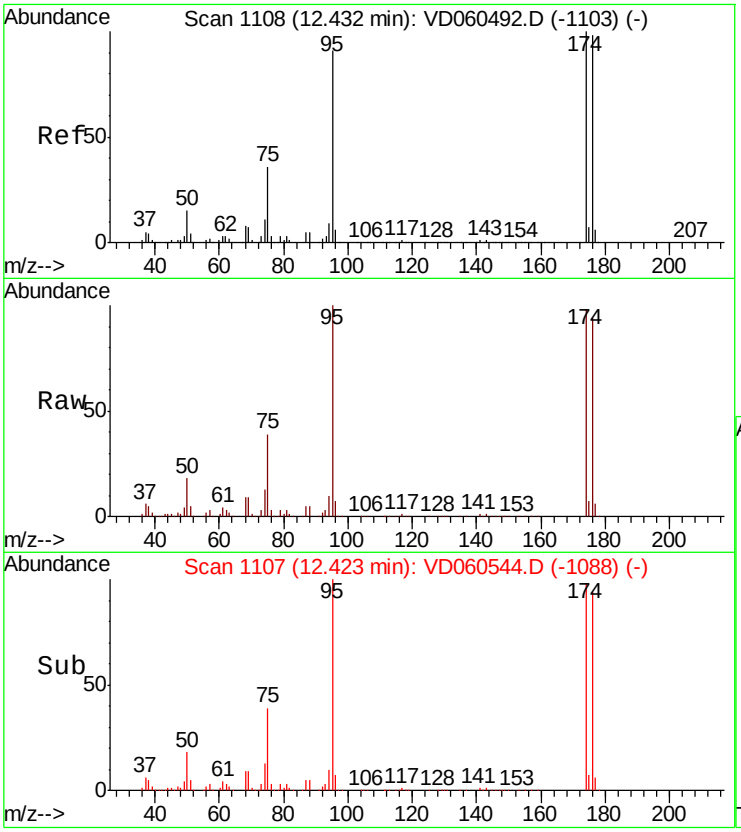


#52
Toluene
Concen: 9.452 ug/l
RT: 9.54 min Scan# 814
Delta R.T. -0.01 min
Lab File: VD060544.D
Acq: 12 Dec 2018 13:52

Tgt Ion: 92 Resp: 297778

Ion	Ratio	Lower	Upper
92	100		
91	168.2	131.7	197.5



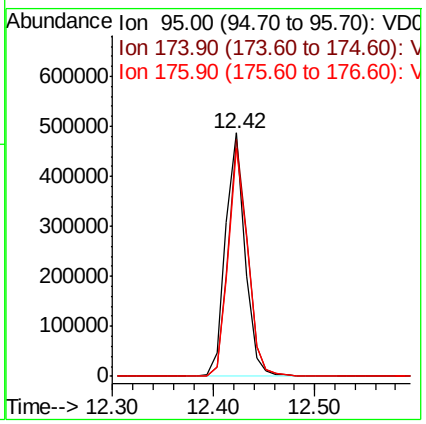


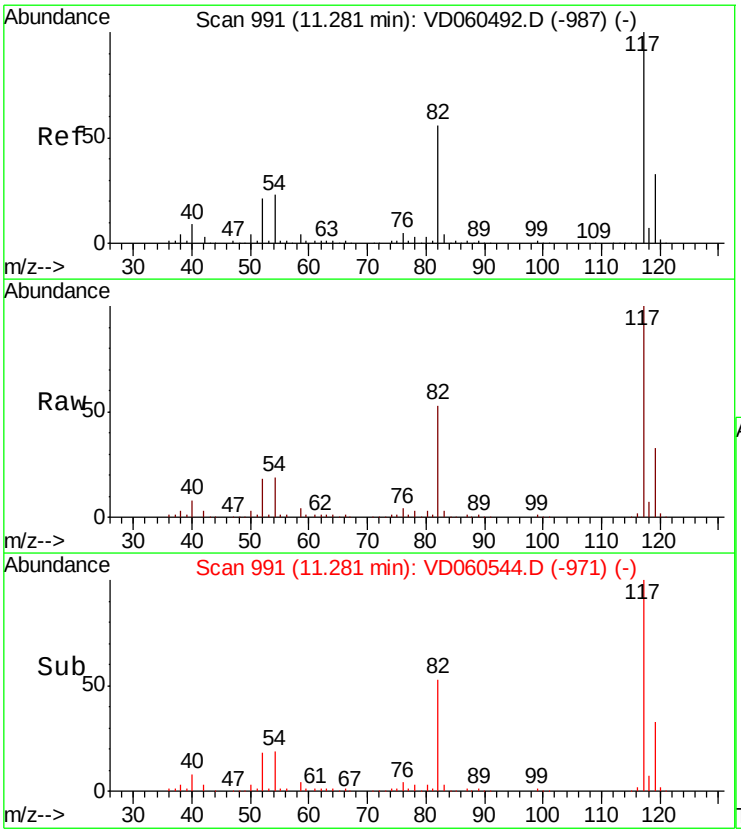
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.01 min
Lab File: VD060544.D
Acq: 12 Dec 2018 13:52

Instrument : MSVOA_D
ClientSampleId : HR-05-121118-A

Tgt Ion: 95 Resp: 653588

Ion	Ratio	Lower	Upper
95	100		
174	97.5	0.0	219.4
176	93.9	0.0	214.6

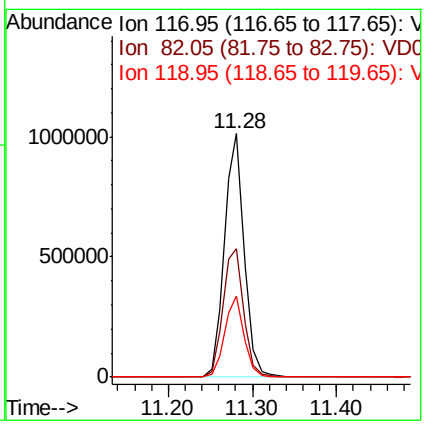


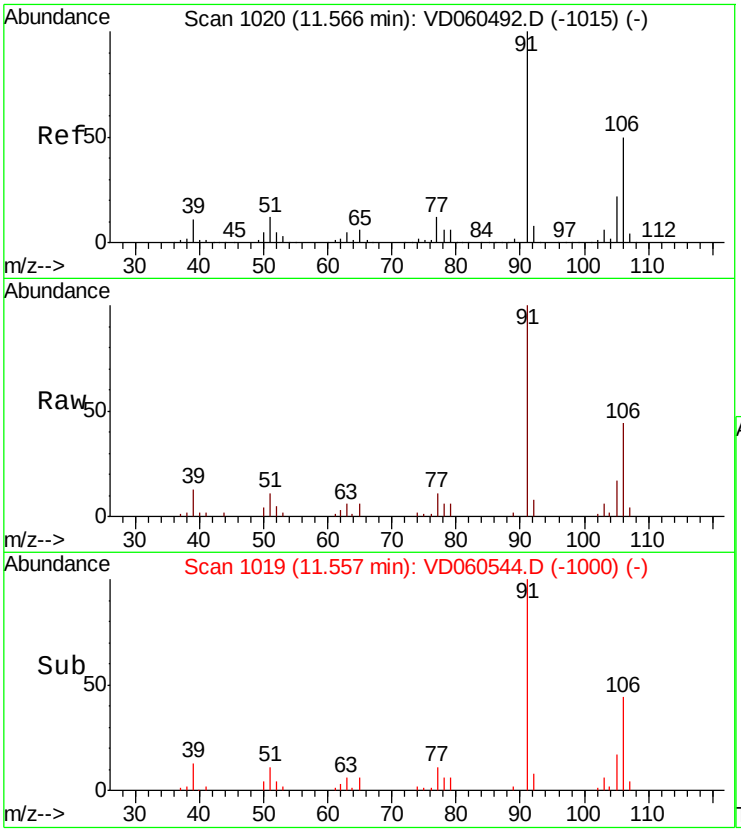


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.00 min
Lab File: VD060544.D
Acq: 12 Dec 2018 13:52

Tgt Ion:117 Resp: 1637509

Ion	Ratio	Lower	Upper
117	100		
82	52.8	45.2	67.8
119	33.2	26.1	39.1



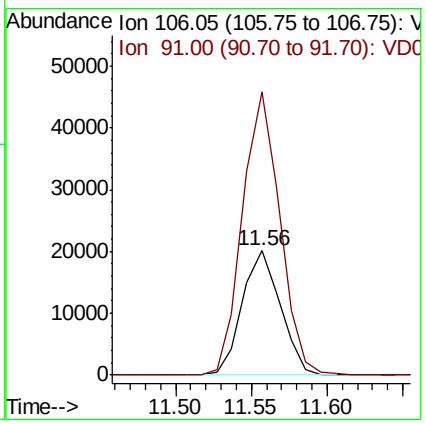


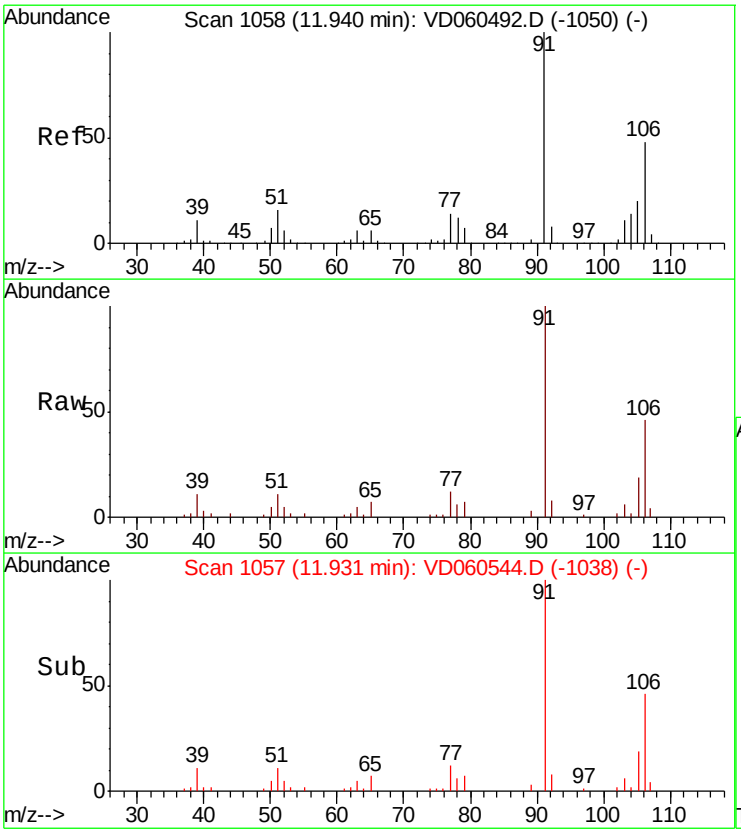
#68
m/p-Xylenes
Concen: 1.623 ug/l
RT: 11.56 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD060544.D
Acq: 12 Dec 2018 13:52

Instrument :
MSVOA_D
ClientSampleId :
HR-05-121118-A

Tgt Ion:106 Resp: 35490

Ion	Ratio	Lower	Upper
106	100		
91	227.3	160.5	240.7

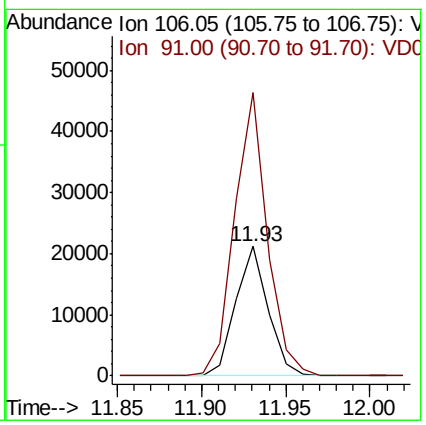


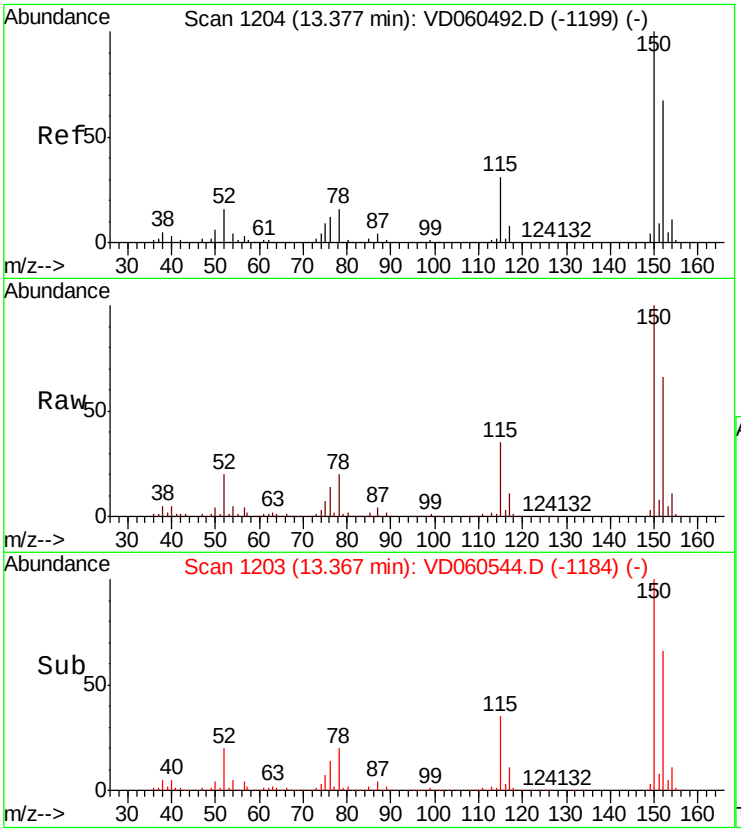


#69
o-Xylene
Concen: 1.364 ug/l
RT: 11.93 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VD060544.D
Acq: 12 Dec 2018 13:52

Tgt Ion:106 Resp: 28422

Ion	Ratio	Lower	Upper
106	100		
91	218.4	103.4	310.1



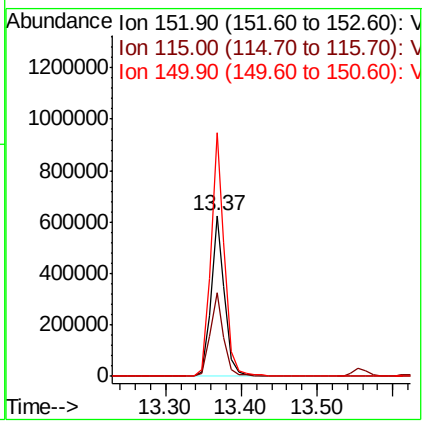


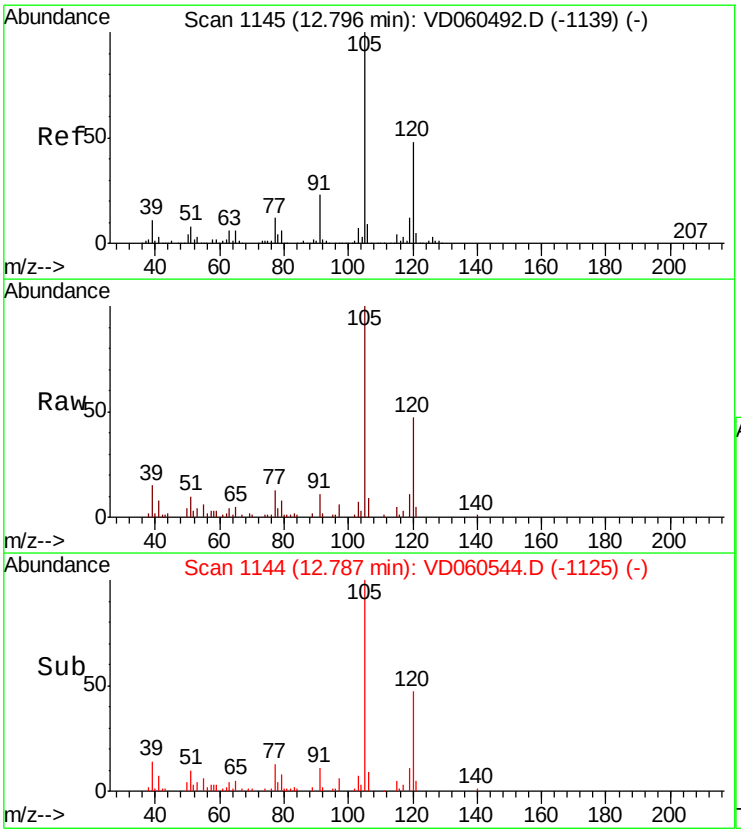
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VD060544.D
Acq: 12 Dec 2018 13:52

Instrument : MSVOA_D
ClientSampleId : HR-05-121118-A

Tgt Ion:152 Resp: 787119

Ion	Ratio	Lower	Upper
152	100		
115	52.3	24.6	74.0
150	151.6	0.0	309.0

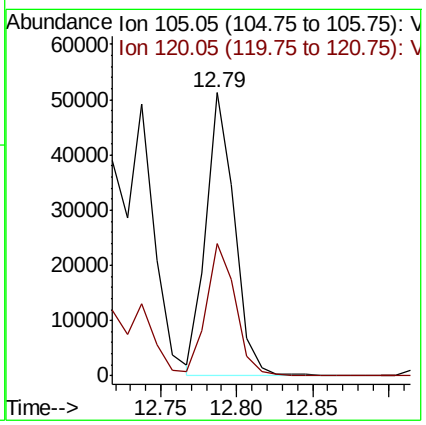


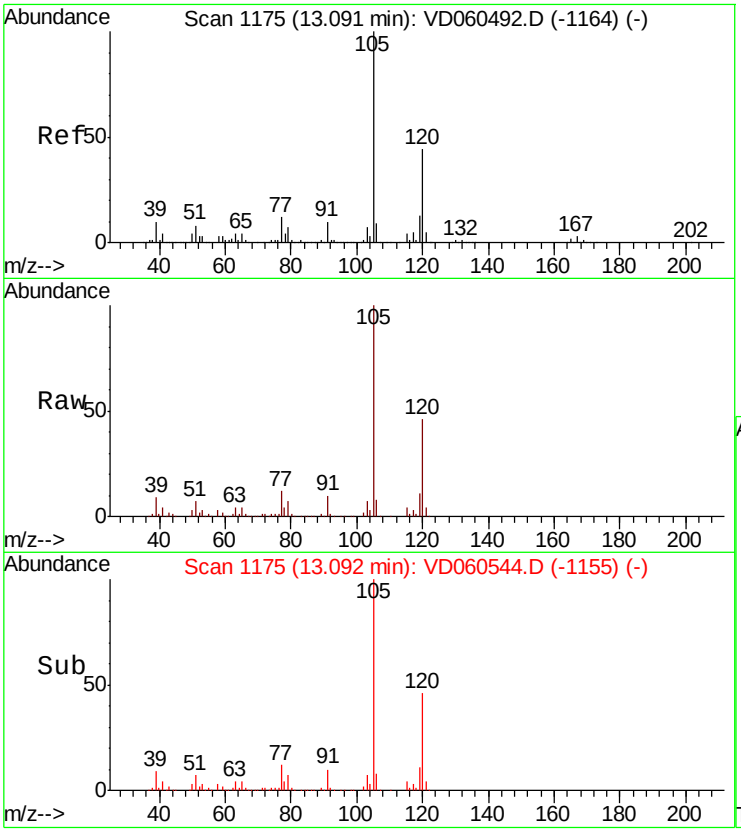


#80
1,3,5-Trimethylbenzene
Concen: 1.579 ug/l
RT: 12.79 min Scan# 1144
Delta R.T. -0.01 min
Lab File: VD060544.D
Acq: 12 Dec 2018 13:52

Tgt Ion:105 Resp: 67186

Ion	Ratio	Lower	Upper
105	100		
120	46.6	24.2	72.6



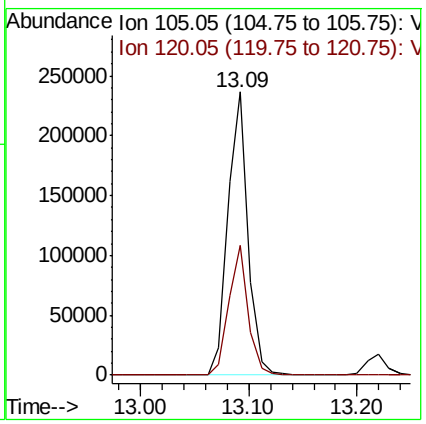


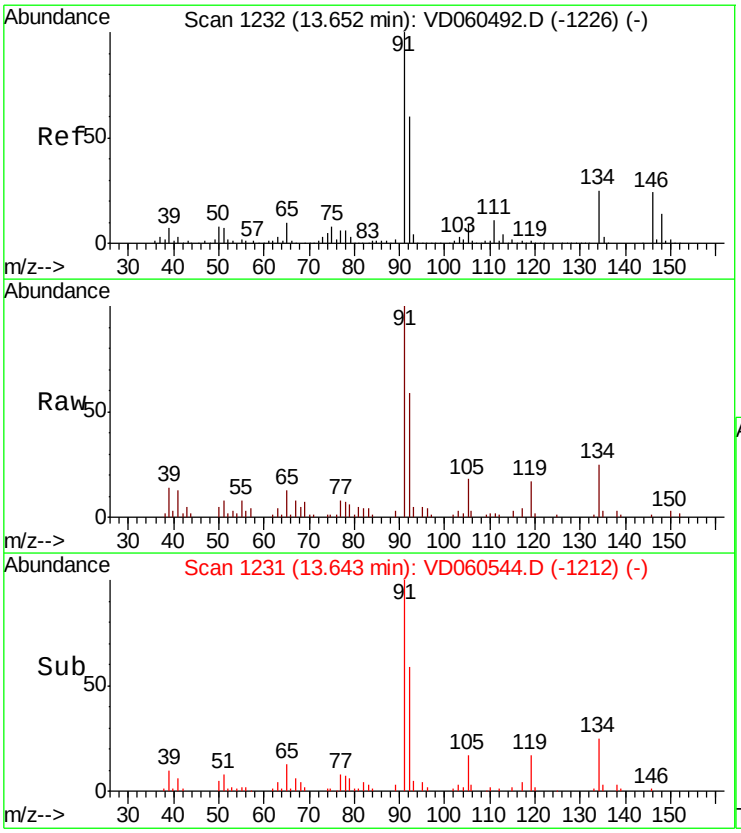
#84
1,2,4-Trimethylbenzene
Concen: 6.921 ug/l
RT: 13.09 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VD060544.D
Acq: 12 Dec 2018 13:52

Instrument :
MSVOA_D
ClientSampleId :
HR-05-121118-A

Tgt Ion:105 Resp: 305006

Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.3	66.8

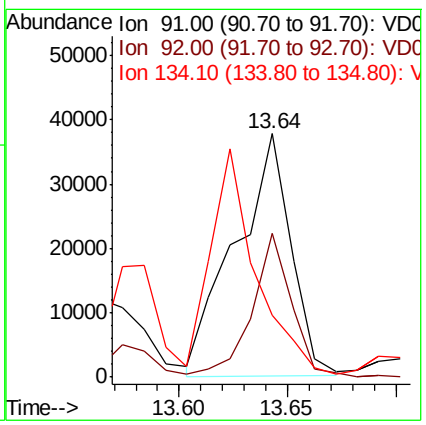


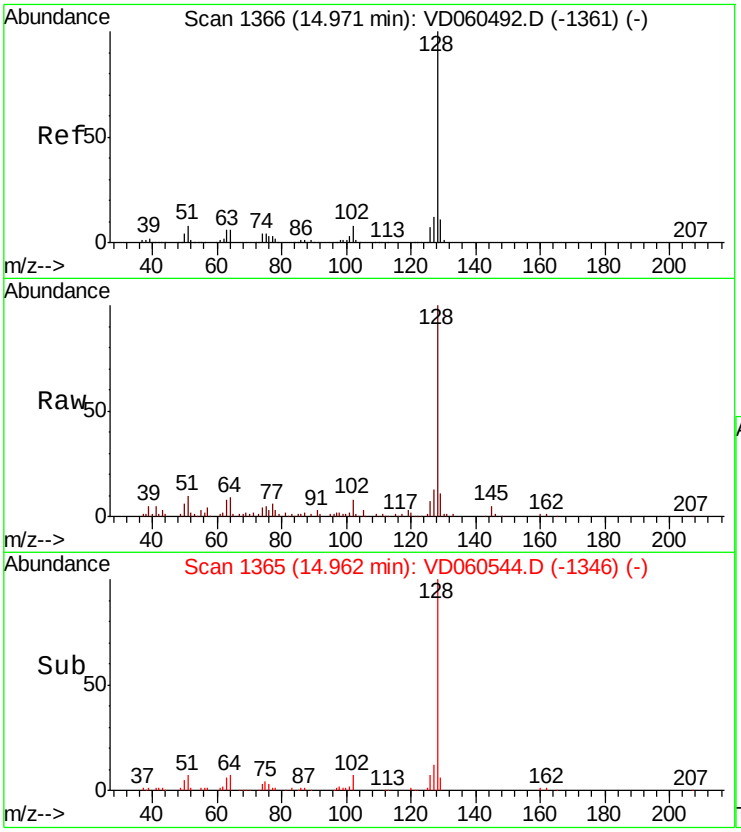


#89
n-Butylbenzene
Concen: 1.035 ug/l
RT: 13.64 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD060544.D
Acq: 12 Dec 2018 13:52

Tgt Ion: 91 Resp: 67013

Ion	Ratio	Lower	Upper
91	100		
92	58.8	30.0	90.1
134	25.5	12.5	37.5





#95
Naphthalene
Concen: 6.756 ug/l
RT: 14.96 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VD060544.D
Acq: 12 Dec 2018 13:52

Instrument :
MSVOA_D
ClientSampleId :
HR-05-121118-A

Tgt Ion:128 Resp: 136108

Ion	Ratio	Lower	Upper
128	100		
127	12.9	9.8	14.8
129	11.4	8.6	13.0