Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121218\
Data File : VD060545.D
Acq On : 12 Dec 2018 14:21
Operator : VA/AP
Sample : J6189-03
Misc : 5.74g/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Dec 13 00:39:52 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	1402972	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	2076197	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	1519309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	612166	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	483903	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.32%			
35) Dibromofluoromethane	6.32	113	667232	43.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.50%			
50) Toluene-d8	9.45	98	1622405	36.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 73.52%			
62) 4-Bromofluorobenzene	12.42	95	548918	34.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 69.52%			
Target Compounds						Qvalue
16) Acetone	3.16	43	41347	25.940	ug/l	95
20) Methylene Chloride	3.72	84	207170	10.633	ug/l	95
67) Ethyl Benzene	11.42	91	68035	1.241	ug/l	95
68) m/p-Xylenes	11.56	106	184835	9.113	ug/l	92
69) o-Xylene	11.93	106	179434	9.283	ug/l	90
73) Isopropylbenzene	12.27	105	56609	1.307	ug/l	95
78) n-propylbenzene	12.63	91	224032	4.091	ug/l	96
80) 1,3,5-Trimethylbenzene	12.79	105	672301	20.311	ug/l	98
84) 1,2,4-Trimethylbenzene	13.09	105	1920402	56.031	ug/l	99
85) sec-Butylbenzene	13.22	105	159881	3.456	ug/l	94
86) p-Isopropyltoluene	13.34	119	136933	3.734	ug/l	98
95) Naphthalene	14.96	128	155828	9.945	ug/l	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121218\
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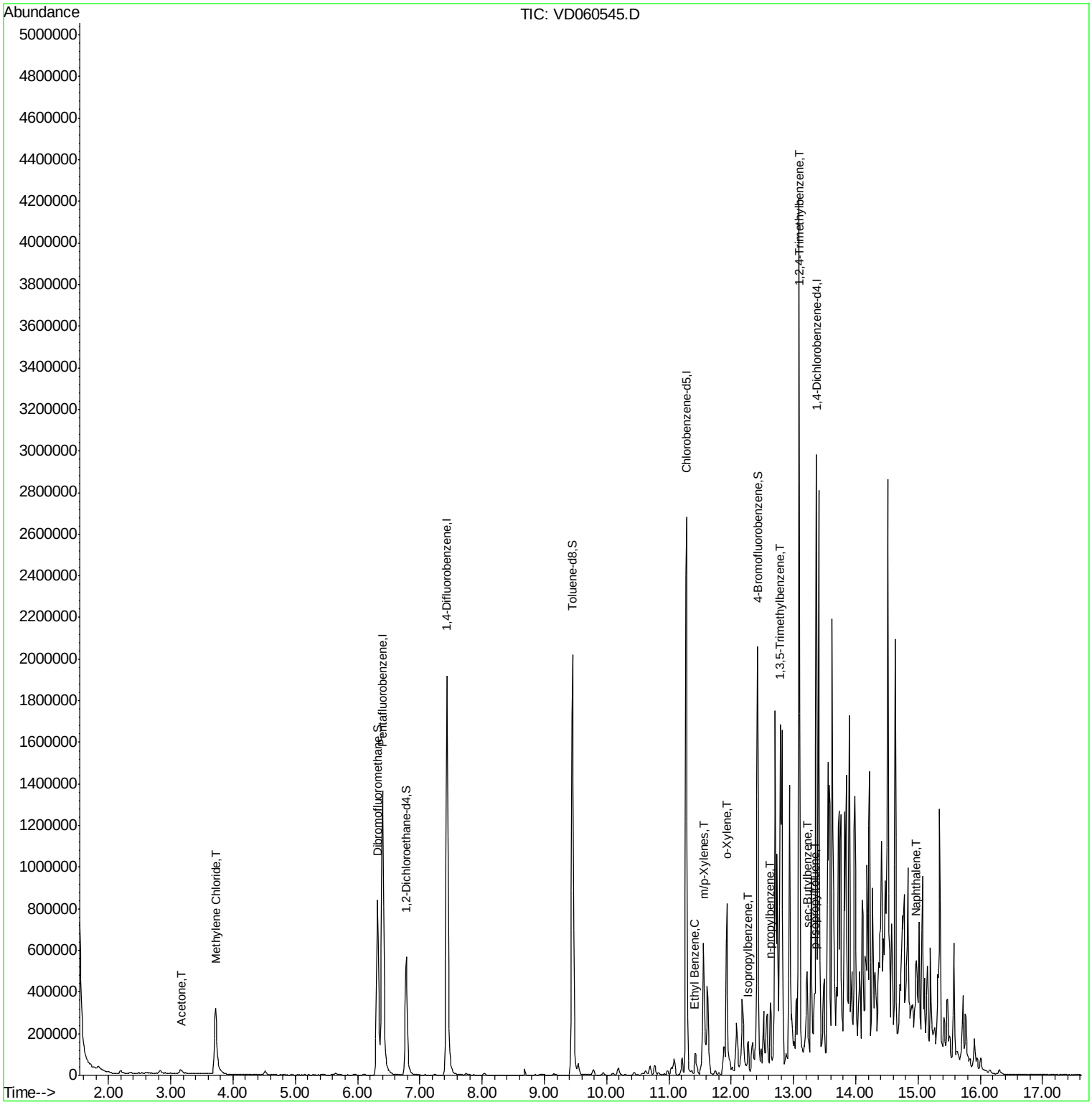
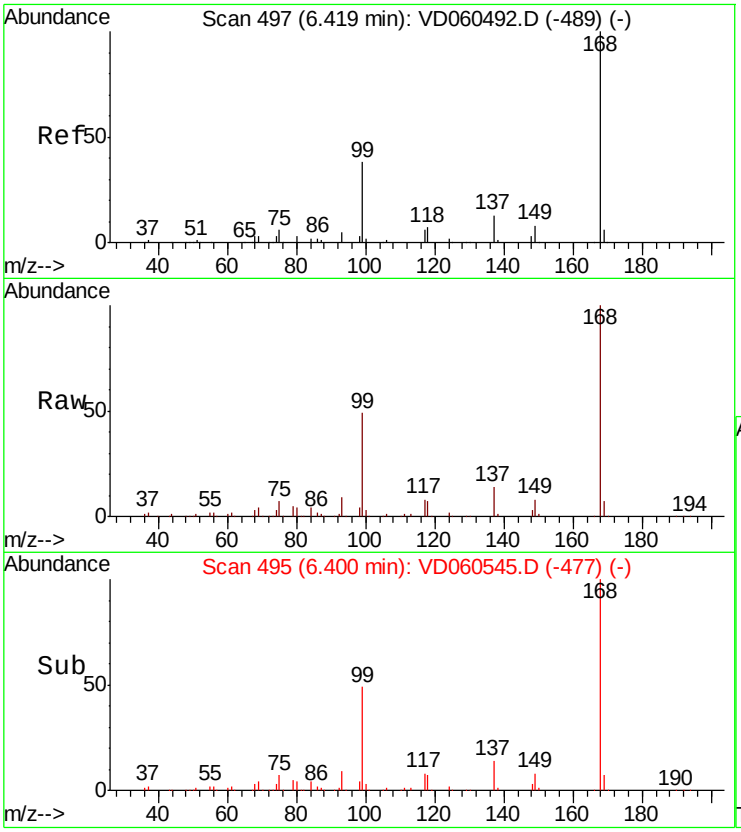
Misc : 5.74g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Dec 13 00:39:52 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



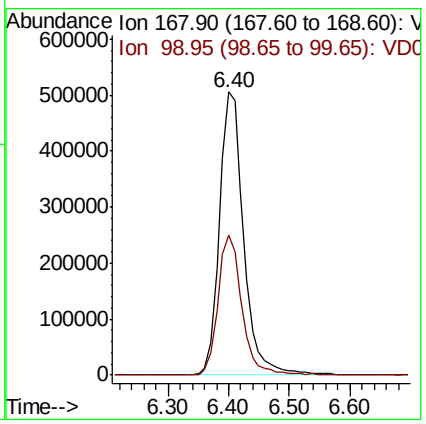


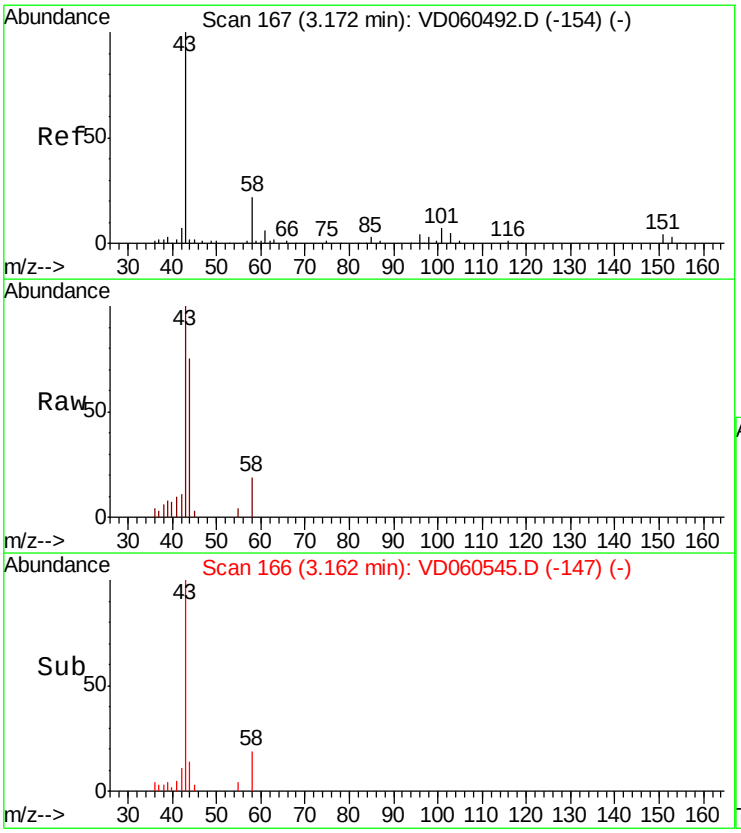
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.40 min Scan# 495
Delta R.T. -0.02 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

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

Tgt Ion:168 Resp: 1402972

Ion	Ratio	Lower	Upper
168	100		
99	49.3	35.6	53.4

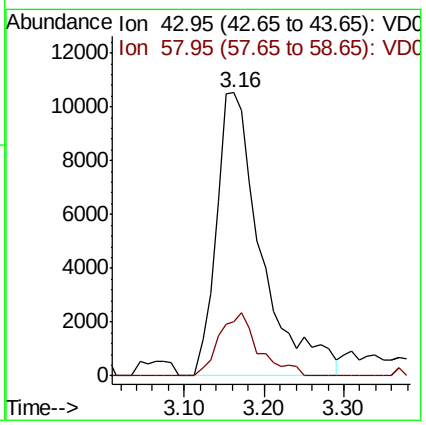


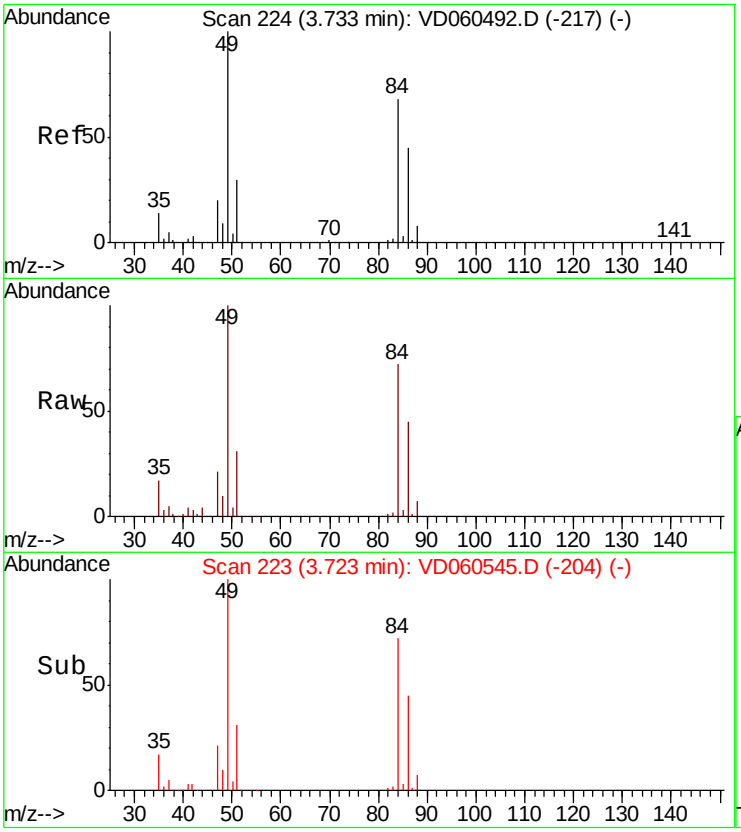


#16
Acetone
Concen: 25.940 ug/l
RT: 3.16 min Scan# 166
Delta R.T. -0.01 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

Tgt Ion: 43 Resp: 41347

Ion	Ratio	Lower	Upper
43	100		
58	19.4	17.3	25.9



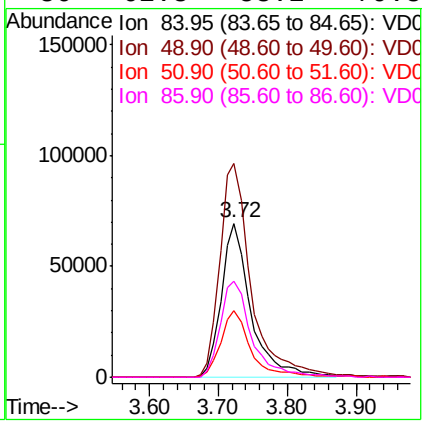


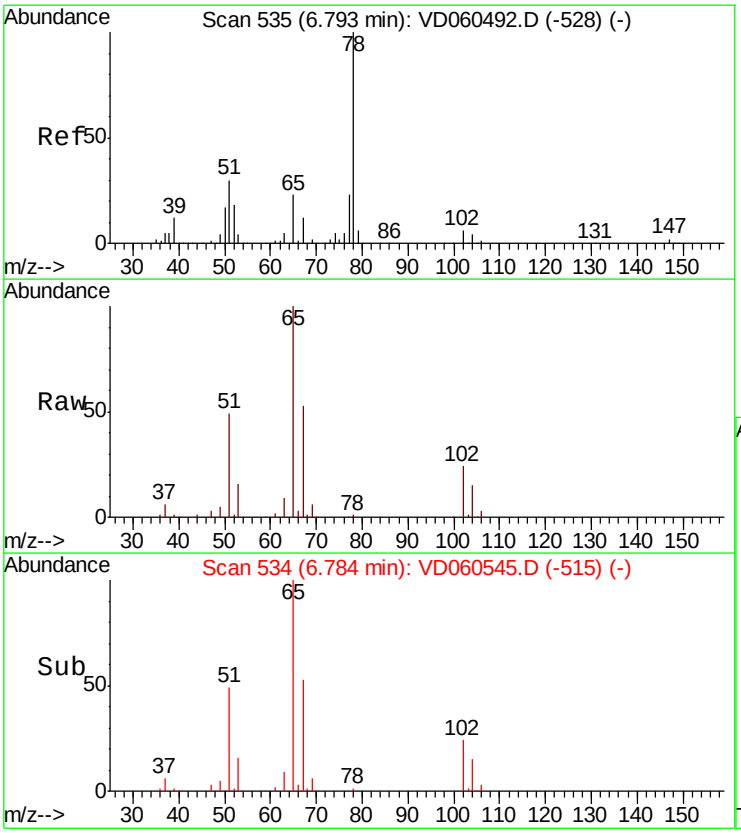
#20
Methylene Chloride
Concen: 10.633 ug/l
RT: 3.72 min Scan# 223
Delta R.T. -0.01 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

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

Tgt Ion: 84 Resp: 207170

Ion	Ratio	Lower	Upper
84	100		
49	138.7	117.2	175.8
51	43.0	35.3	52.9
86	62.3	53.2	79.8

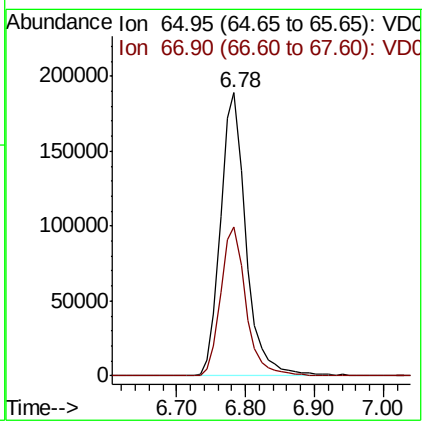


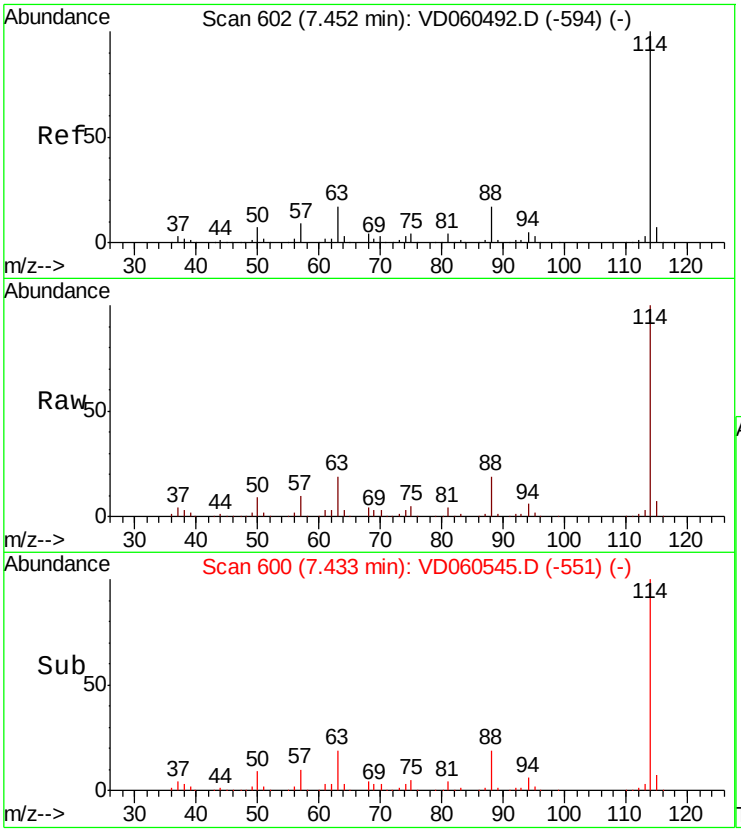


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. -0.01 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

Tgt Ion: 65 Resp: 483903

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.8



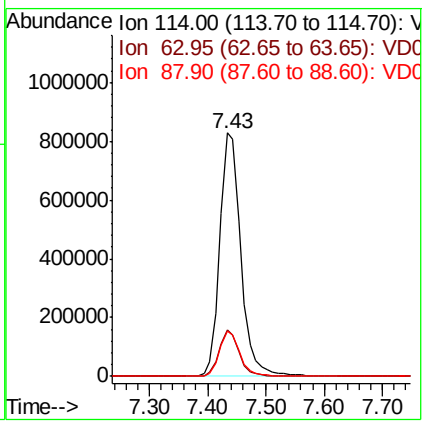


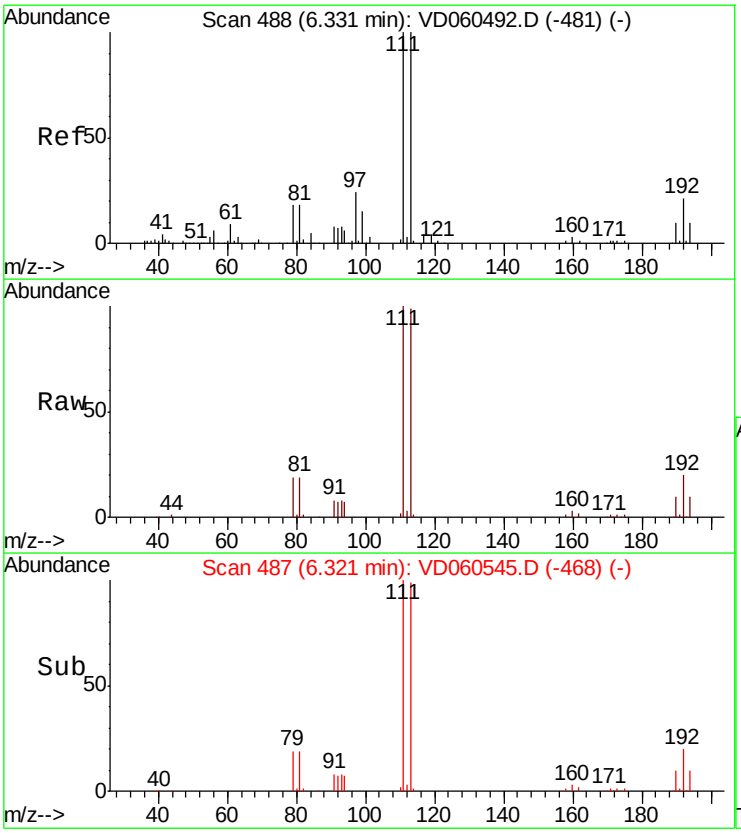
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.43 min Scan# 600
Delta R.T. -0.02 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

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

Tgt Ion:114 Resp: 2076197

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	34.2
88	18.7	0.0	35.0

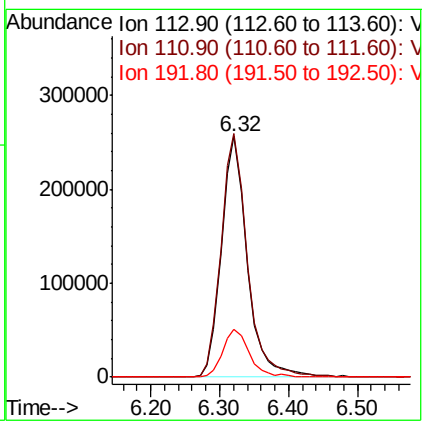


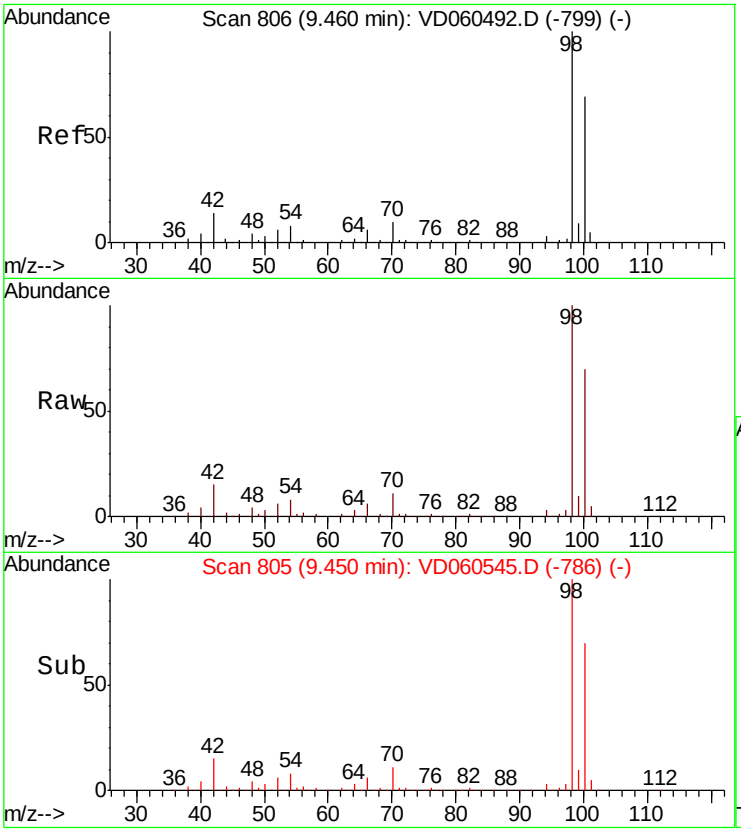


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 487
Delta R.T. -0.01 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

Tgt Ion:113 Resp: 667232

Ion	Ratio	Lower	Upper
113	100		
111	101.2	80.2	120.4
192	20.0	16.6	24.8



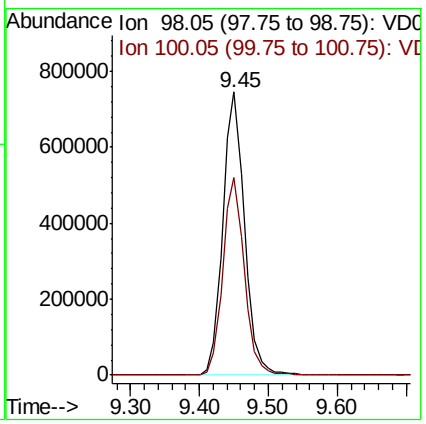


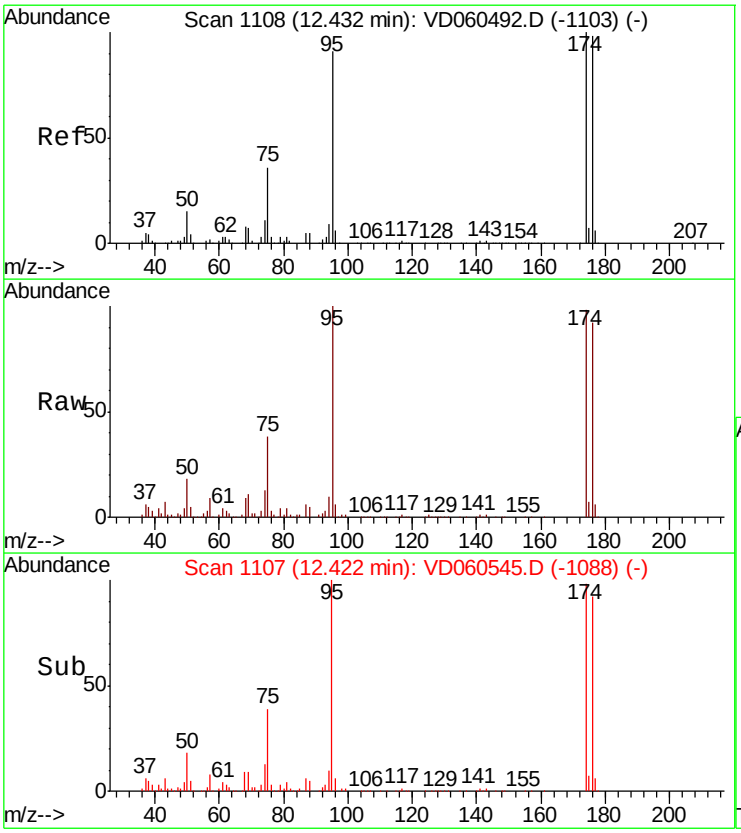
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. -0.01 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

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

Tgt Ion: 98 Resp: 1622405

Ion	Ratio	Lower	Upper
98	100		
100	70.0	55.7	83.5

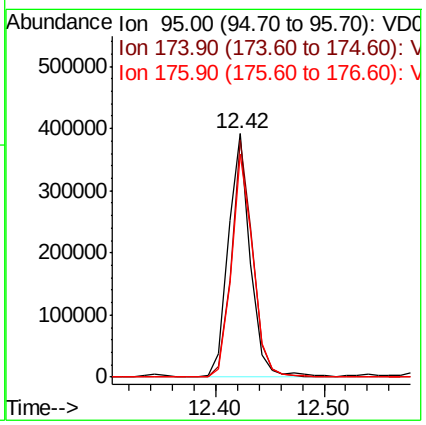


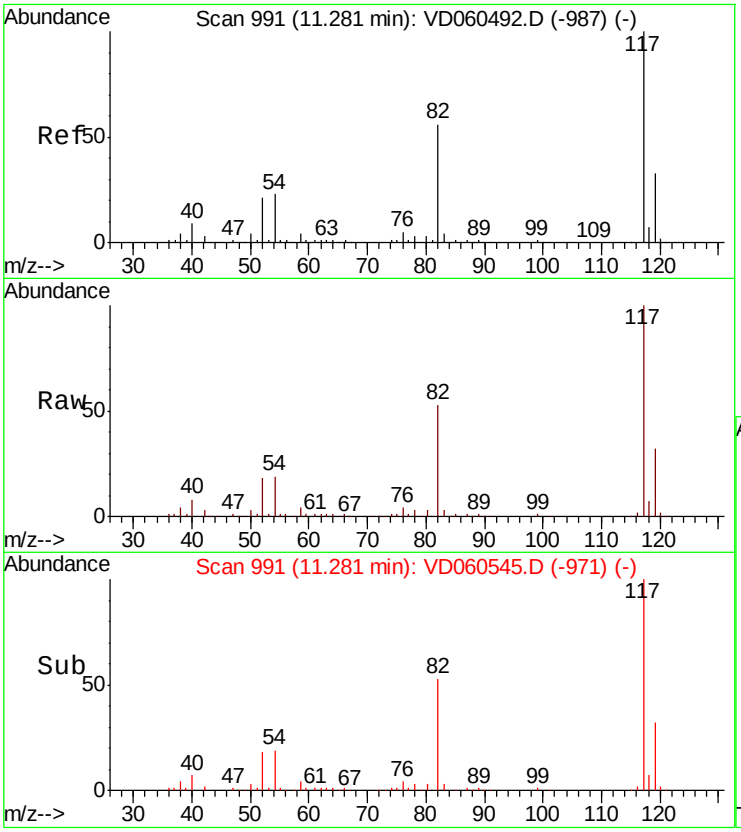


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.01 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

Tgt Ion: 95 Resp: 548918

Ion	Ratio	Lower	Upper
95	100		
174	97.6	0.0	219.4
176	91.7	0.0	214.6



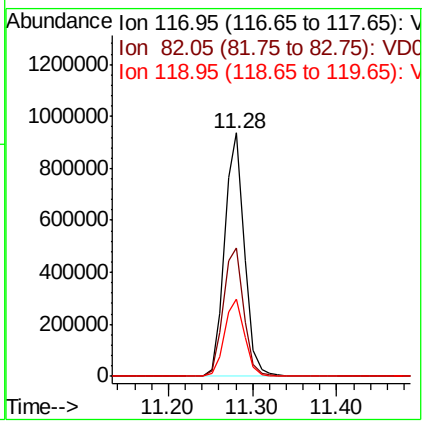


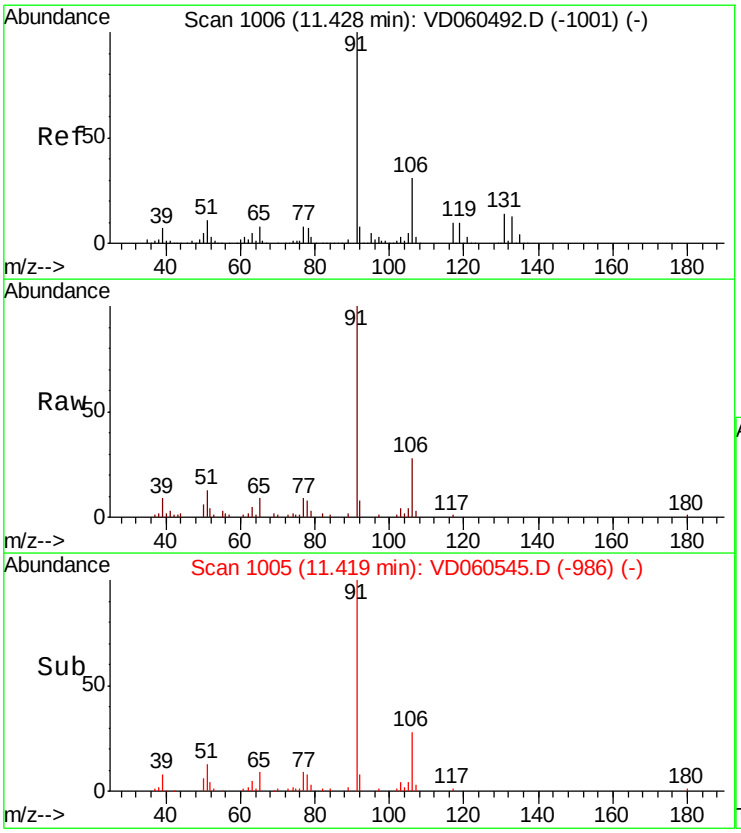
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.00 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

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

Tgt Ion:117 Resp: 1519309

Ion	Ratio	Lower	Upper
117	100		
82	52.5	45.2	67.8
119	31.8	26.1	39.1

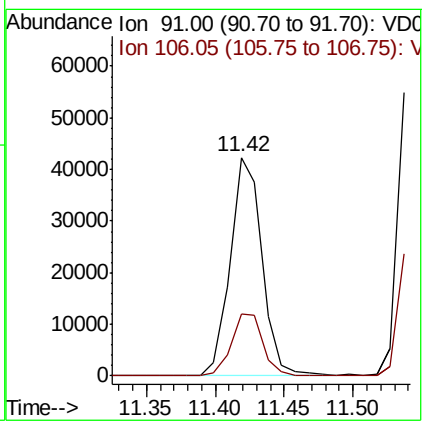


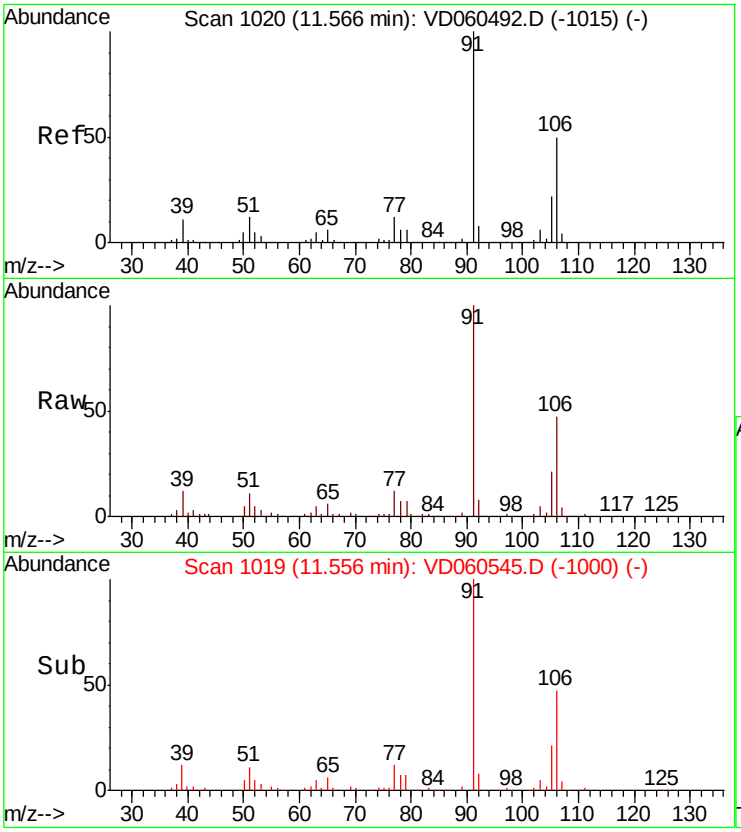


#67
Ethyl Benzene
Concen: 1.241 ug/l
RT: 11.42 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

Tgt Ion: 91 Resp: 68035

Ion	Ratio	Lower	Upper
91	100		
106	28.1	24.6	37.0



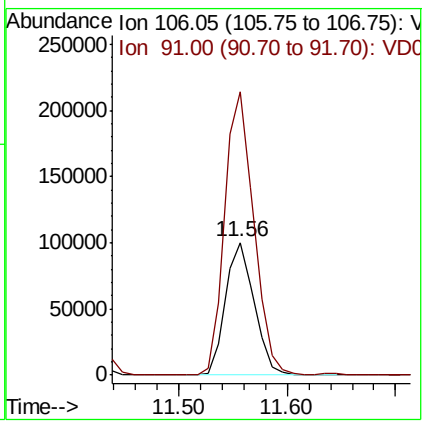


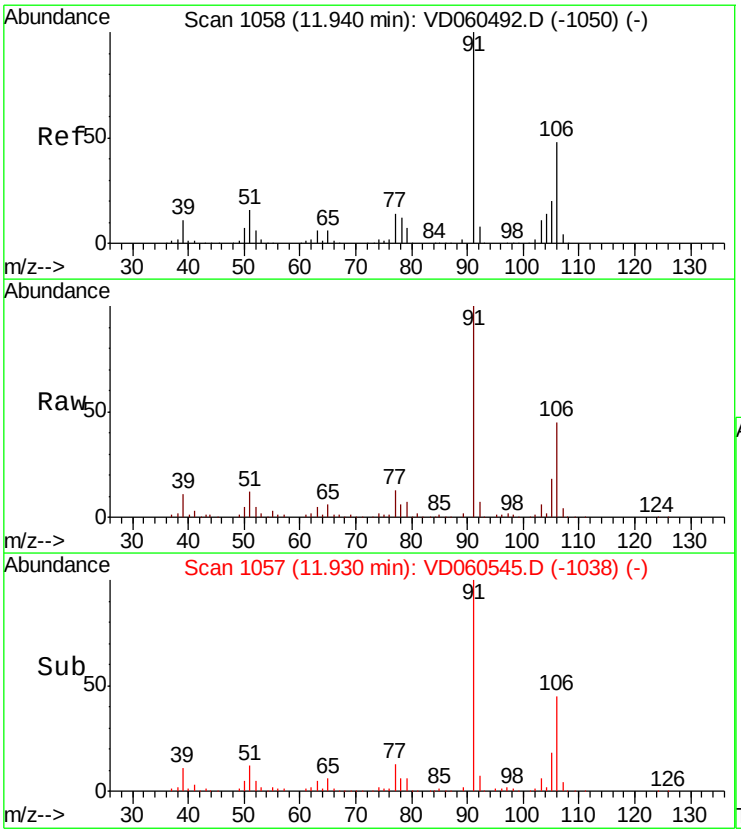
#68
m/p-Xylenes
Concen: 9.113 ug/l
RT: 11.56 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

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

Tgt Ion:106 Resp: 184835

Ion	Ratio	Lower	Upper
106	100		
91	213.1	160.5	240.7

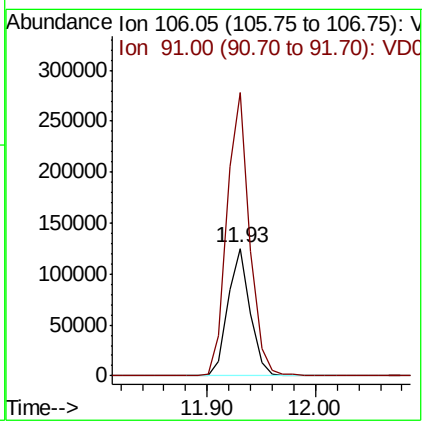


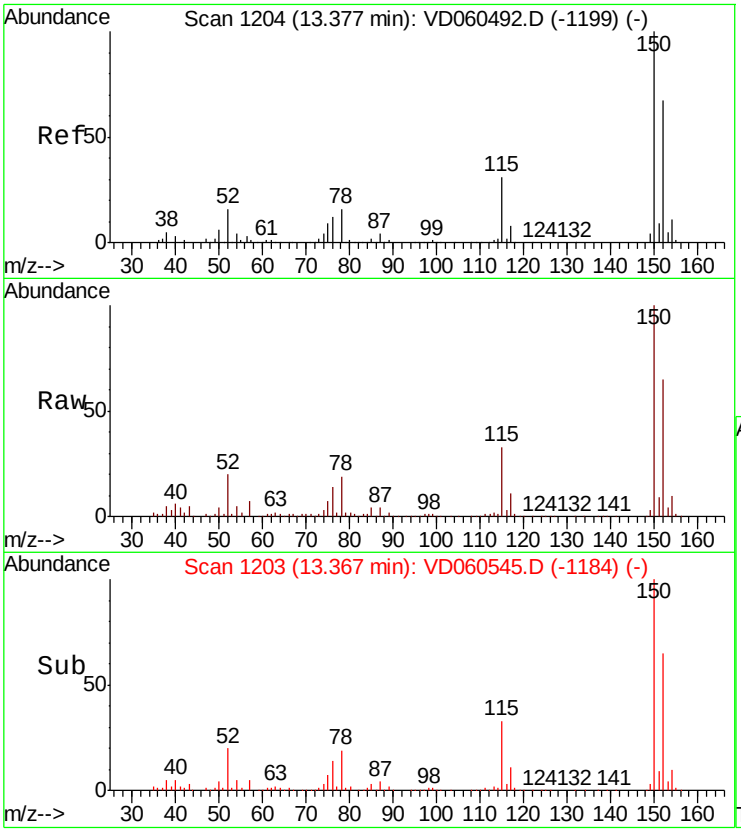


#69
o-Xylene
Concen: 9.283 ug/l
RT: 11.93 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

Tgt Ion:106 Resp: 179434

Ion	Ratio	Lower	Upper
106	100		
91	221.4	103.4	310.1



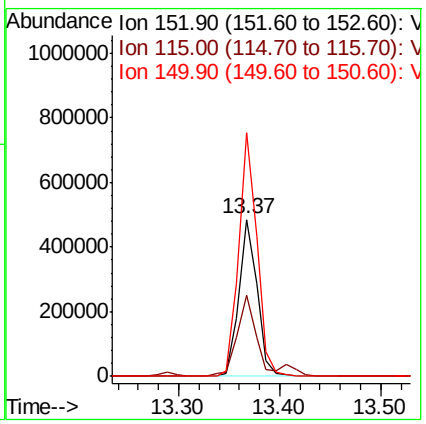


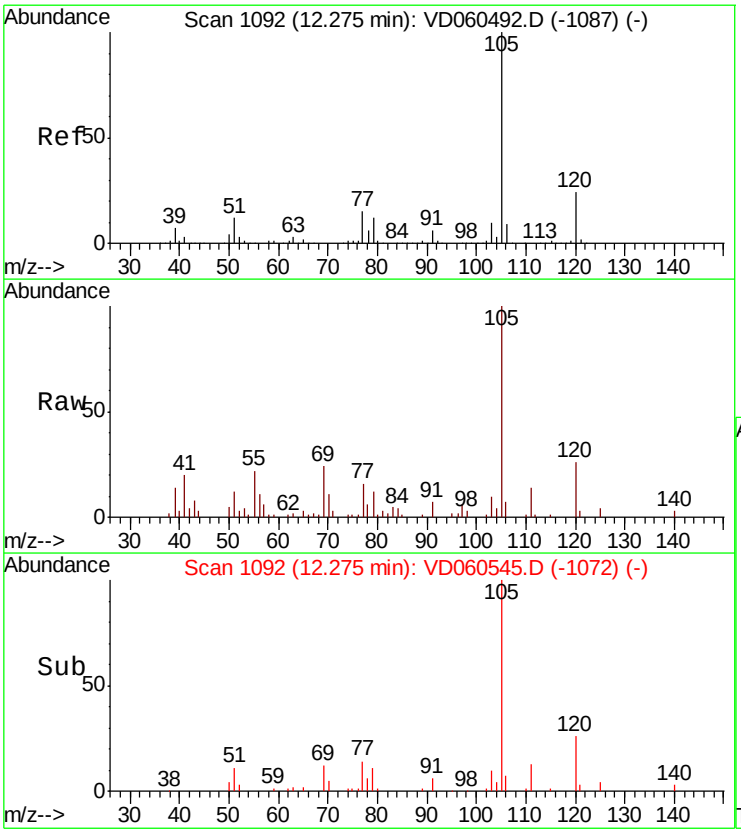
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

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

Tgt Ion:152 Resp: 612166

Ion	Ratio	Lower	Upper
152	100		
115	51.4	24.6	74.0
150	155.0	0.0	309.0

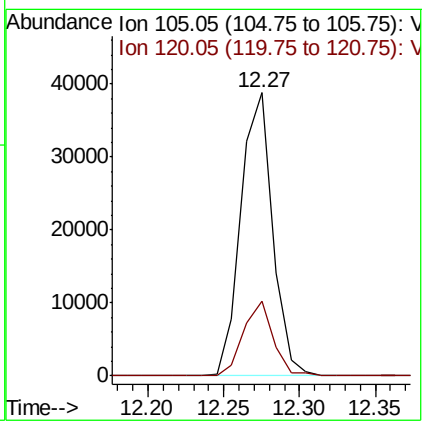


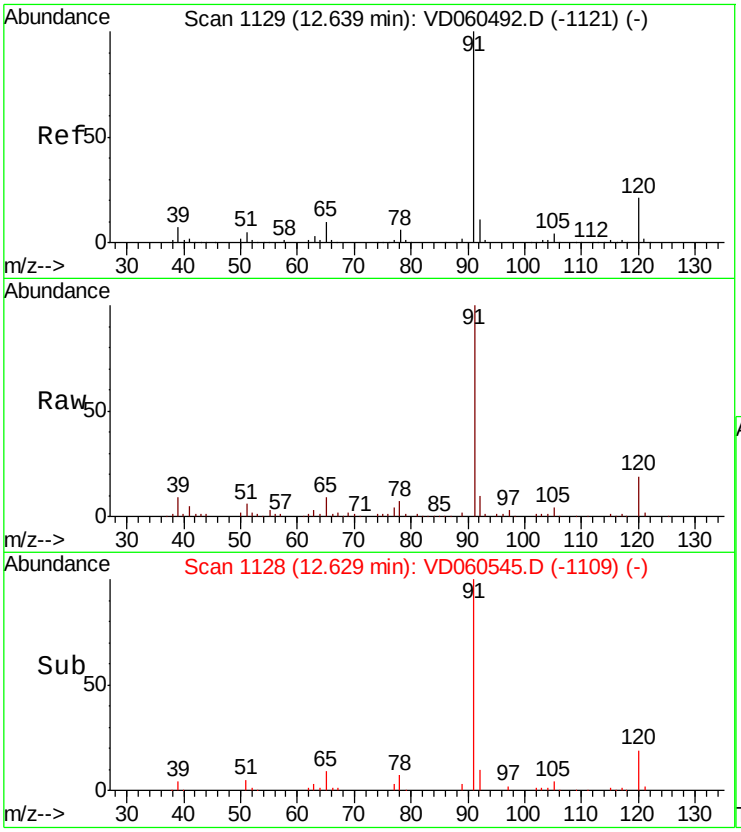


#73
Isopropylbenzene
Concen: 1.307 ug/l
RT: 12.27 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

Tgt Ion:105 Resp: 56609

Ion	Ratio	Lower	Upper
105	100		
120	26.4	11.9	35.9



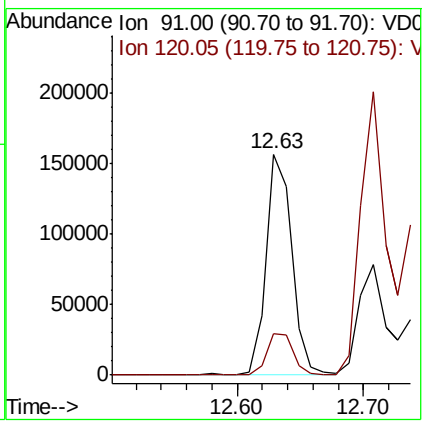


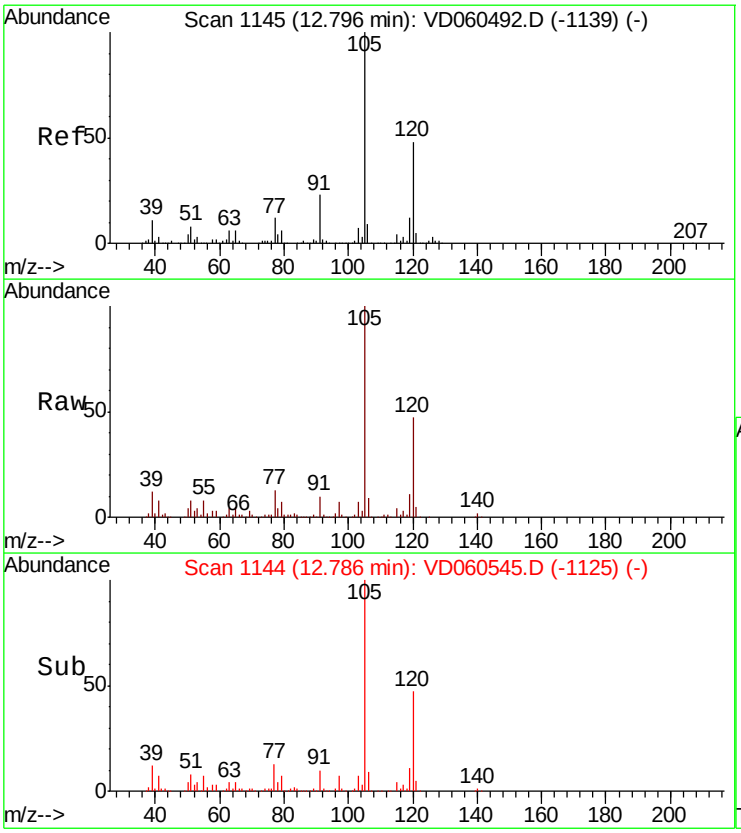
#78
n-propylbenzene
Concen: 4.091 ug/l
RT: 12.63 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

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

Tgt Ion: 91 Resp: 224032

Ion	Ratio	Lower	Upper
91	100		
120	18.9	10.4	31.1

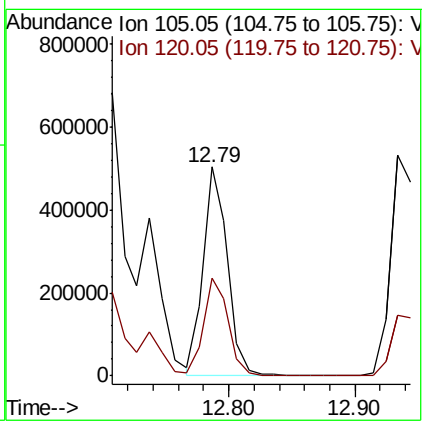


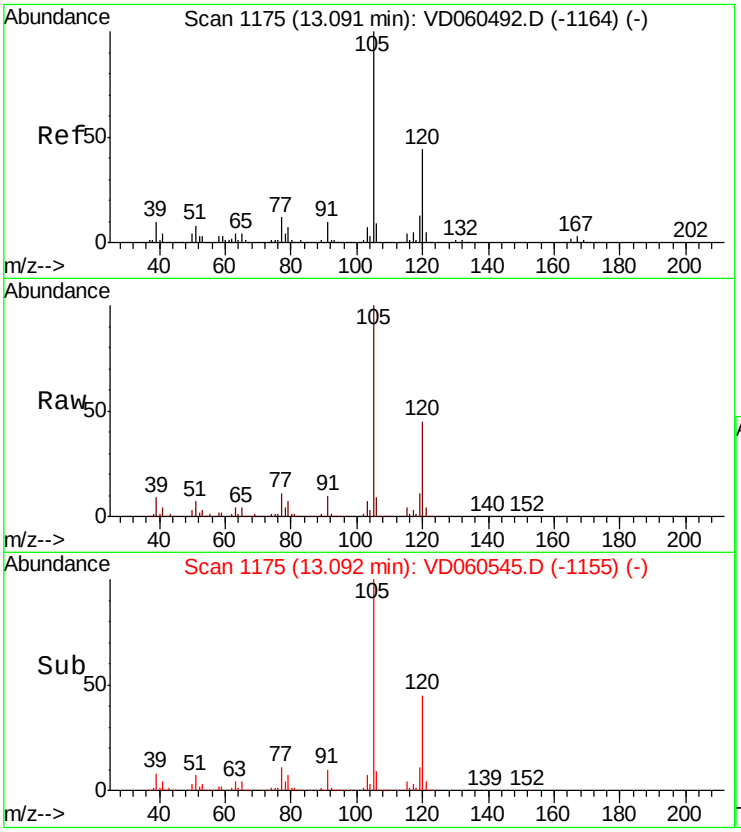


#80
1,3,5-Trimethylbenzene
Concen: 20.311 ug/l
RT: 12.79 min Scan# 1144
Delta R.T. -0.01 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

Tgt Ion:105 Resp: 672301

Ion	Ratio	Lower	Upper
105	100		
120	47.1	24.2	72.6



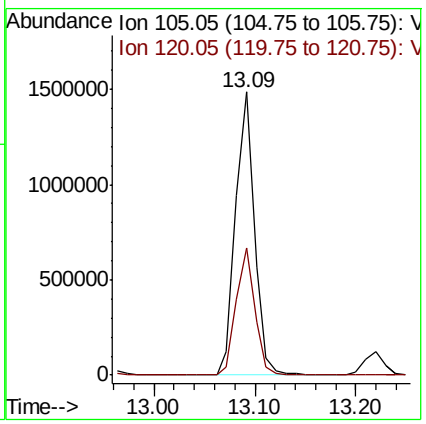


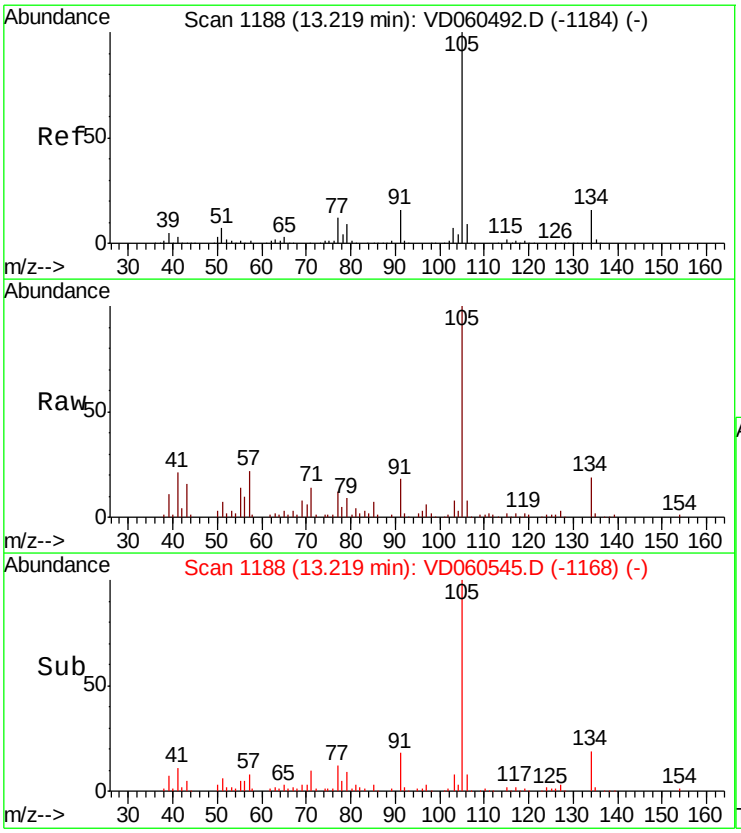
#84
1,2,4-Trimethylbenzene
Concen: 56.031 ug/l
RT: 13.09 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

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

Tgt Ion:105 Resp: 1920402

Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.3	66.8

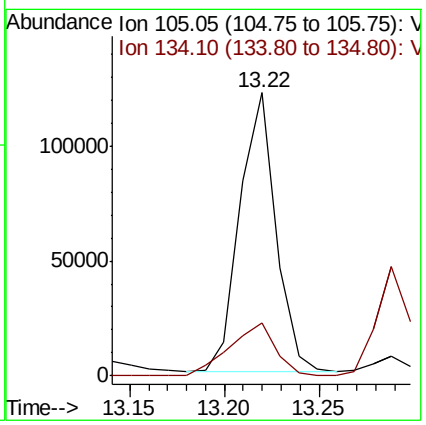


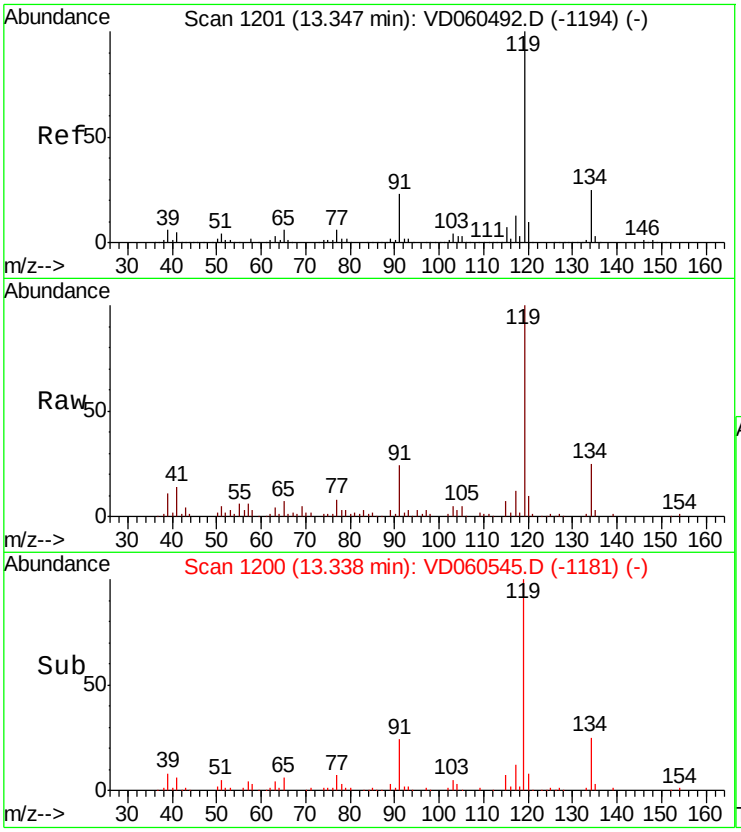


#85
sec-Butylbenzene
Concen: 3.456 ug/l
RT: 13.22 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

Tgt Ion:105 Resp: 159881

Ion	Ratio	Lower	Upper
105	100		
134	18.5	7.9	23.7



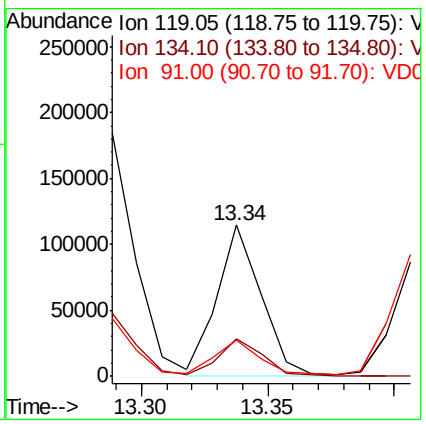


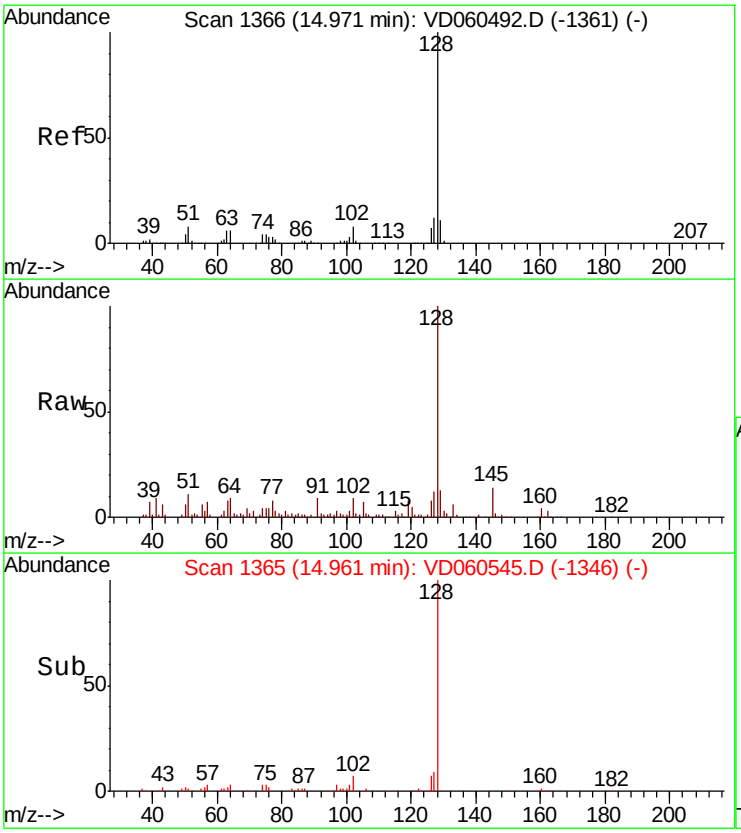
#86
p-Isopropyltoluene
Concen: 3.734 ug/l
RT: 13.34 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

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

Tgt Ion:119 Resp: 136933

Ion	Ratio	Lower	Upper
119	100		
134	24.8	12.5	37.5
91	24.4	11.5	34.4





#95
Naphthalene
Concen: 9.945 ug/l
RT: 14.96 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VD060545.D
Acq: 12 Dec 2018 14:21

Tgt Ion:128 Resp: 155828

Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.8	14.8
129	12.8	8.6	13.0