Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102418\
Data File : VD060181.D
Acq On : 24 Oct 2018 14:54
Operator : JC/SY
Sample : J5200-13
Misc : 6.37g/5ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OR-02-102318-A

Quant Time: Oct 25 04:37:35 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	1685073	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	2485269	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1795028	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	696214	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	725605	56.81	ug/l	0.02
Spiked Amount 50.000			Recovery = 113.62%			
35) Dibromofluoromethane	6.31	113	911694	48.31	ug/l	0.02
Spiked Amount 50.000			Recovery = 96.62%			
50) Toluene-d8	9.45	98	2344318	43.56	ug/l	0.02
Spiked Amount 50.000			Recovery = 87.12%			
62) 4-Bromofluorobenzene	12.43	95	778280	38.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 77.24%			
Target Compounds						Qvalue
16) Acetone	3.15	43	58066	25.053	ug/l	98
39) Methylcyclohexane	8.04	83	51630	1.913	ug/l	97
40) Benzene	6.79	78	79408	1.278	ug/l	97
52) Toluene	9.54	92	394273	9.853	ug/l	97
67) Ethyl Benzene	11.42	91	85717	1.362	ug/l	98
68) m/p-Xylenes	11.56	106	137612	5.854	ug/l	96
69) o-Xylene	11.93	106	57415	2.469	ug/l	90
80) 1,3,5-Trimethylbenzene	12.79	105	43897	1.235	ug/l	94
84) 1,2,4-Trimethylbenzene	13.09	105	107077	2.858	ug/l	95
95) Naphthalene	14.96	128	1766648	71.813	ug/l	100

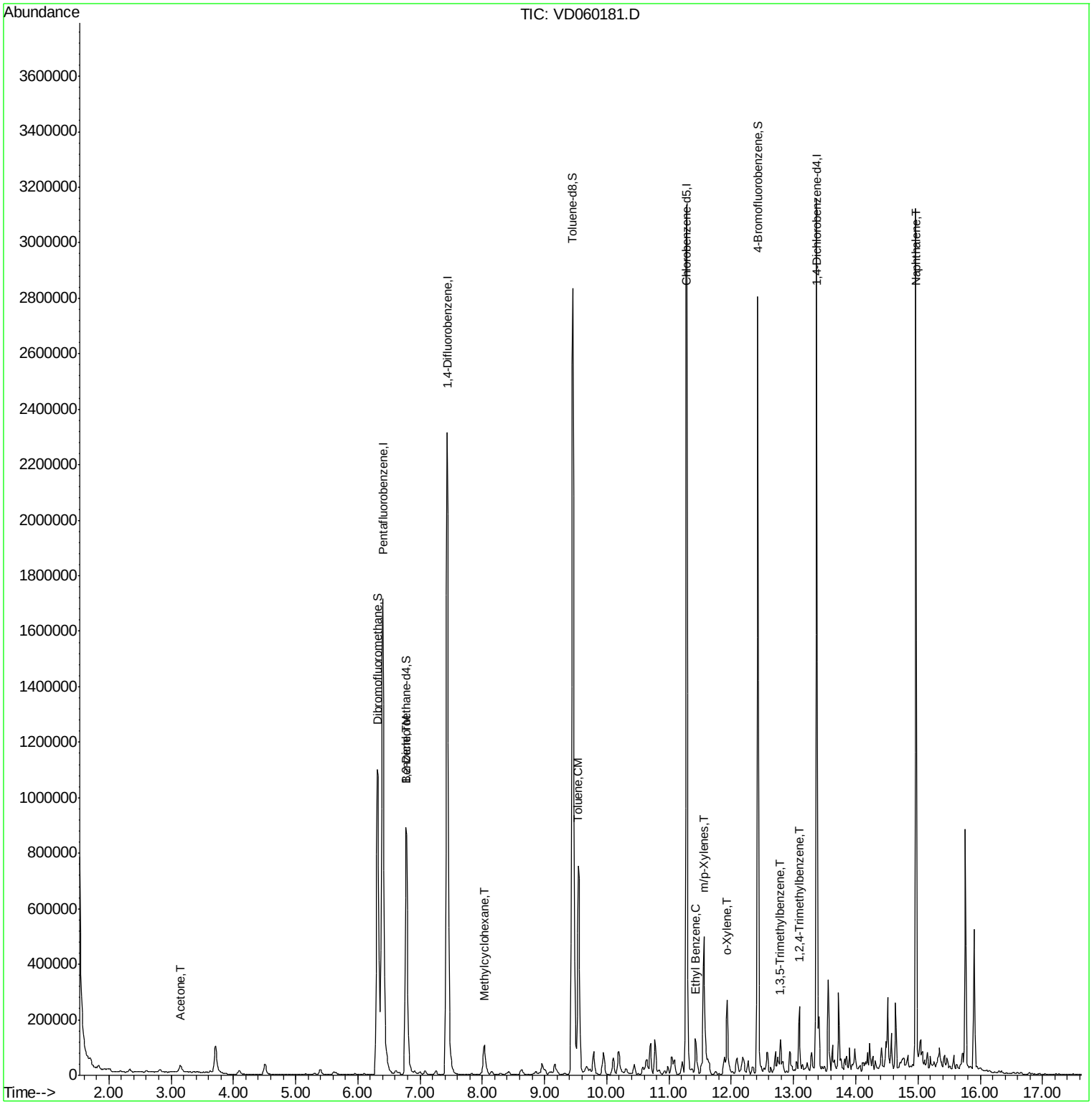
(#) = qualifier out of range (m) = manual integration (+) = signals summed

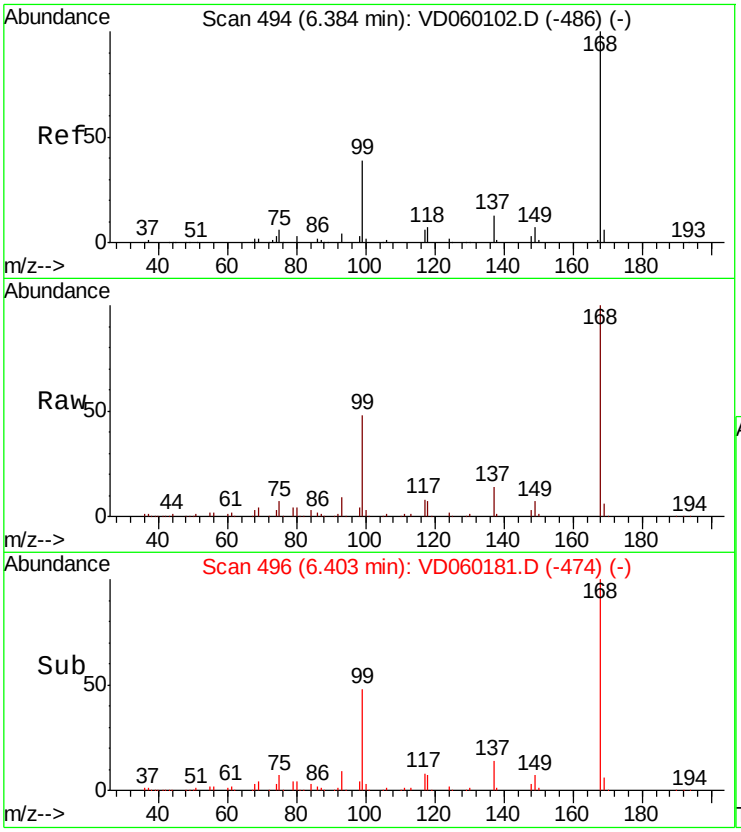
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
Data File : VD060181.D
Acq On : 24 Oct 2018 14:54
Operator : JC/SY
Sample : J5200-13
Misc : 6.37g/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-02-102318-A

Quant Time: Oct 25 04:37:35 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



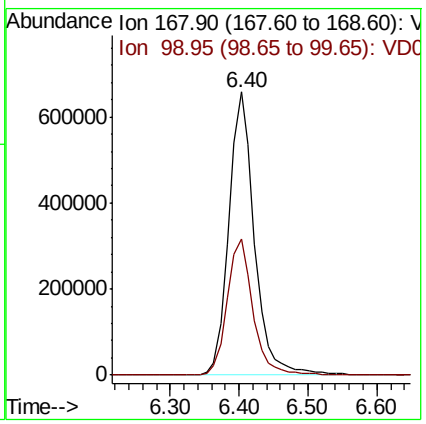


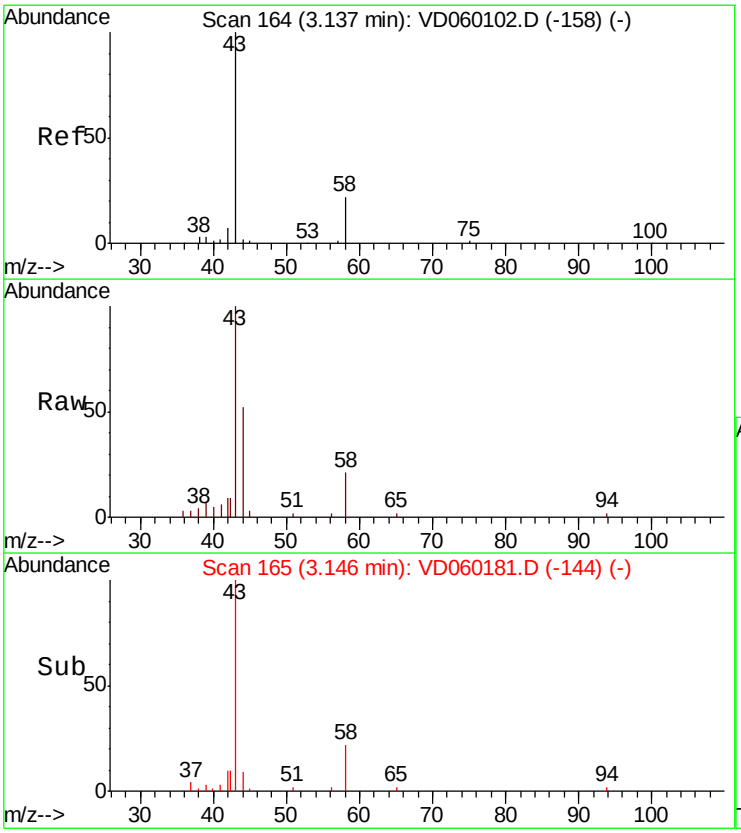
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.40 min Scan# 496
Delta R.T. 0.02 min
Lab File: VD060181.D
Acq: 24 Oct 2018 14:54

Instrument :
MSVOA_D
ClientSampleId :
OR-02-102318-A

Tgt Ion:168 Resp: 1685073

Ion	Ratio	Lower	Upper
168	100		
99	48.1	35.4	53.0

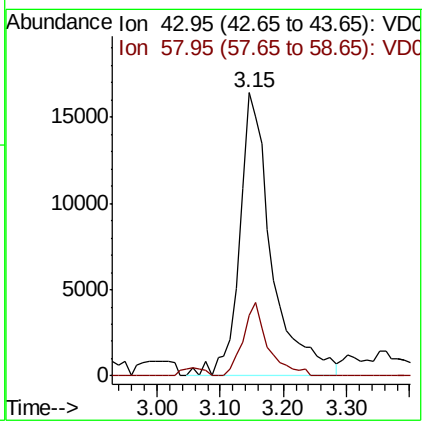


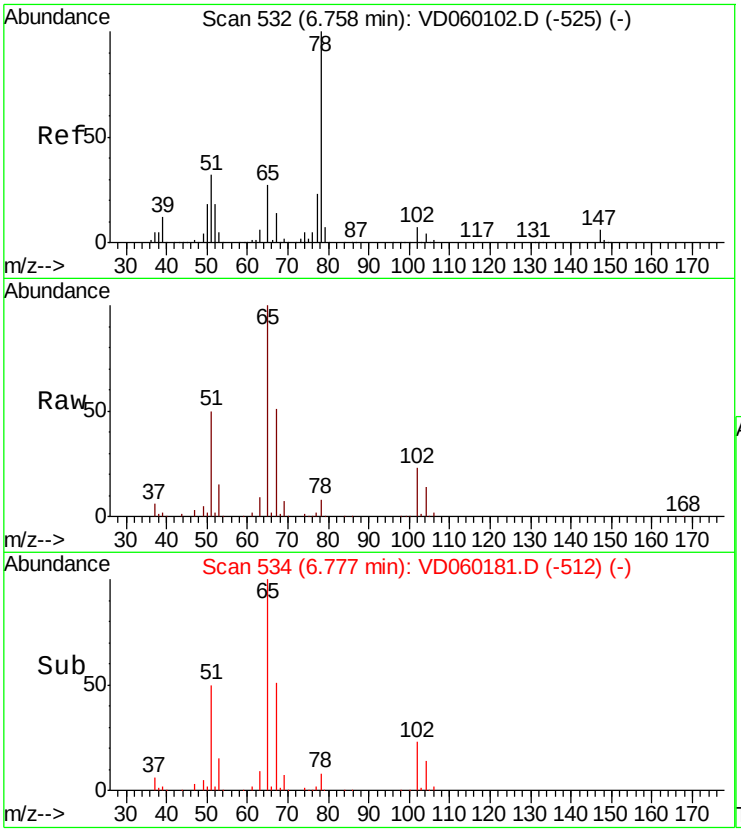


#16
Acetone
Concen: 25.053 ug/l
RT: 3.15 min Scan# 165
Delta R.T. 0.01 min
Lab File: VD060181.D
Acq: 24 Oct 2018 14:54

Tgt Ion: 43 Resp: 58066

Ion	Ratio	Lower	Upper
43	100		
58	21.2	17.7	26.5



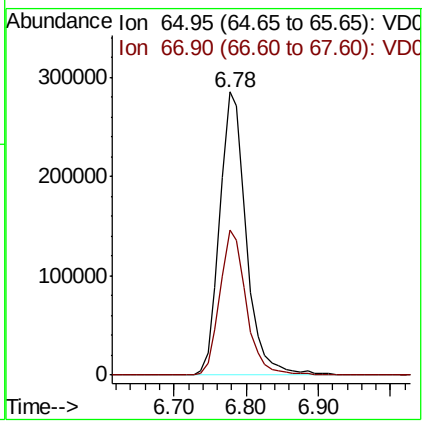


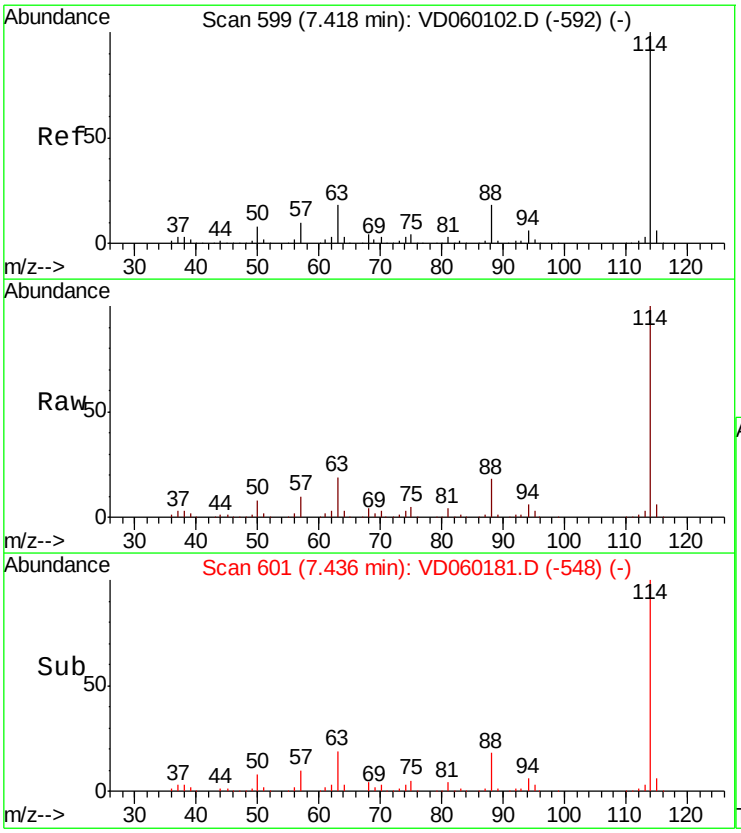
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.02 min
Lab File: VD060181.D
Acq: 24 Oct 2018 14:54

Instrument :
MSVOA_D
ClientSampleId :
OR-02-102318-A

Tgt Ion: 65 Resp: 725605

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	106.2

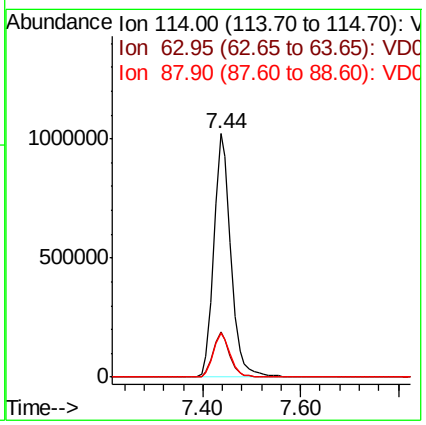


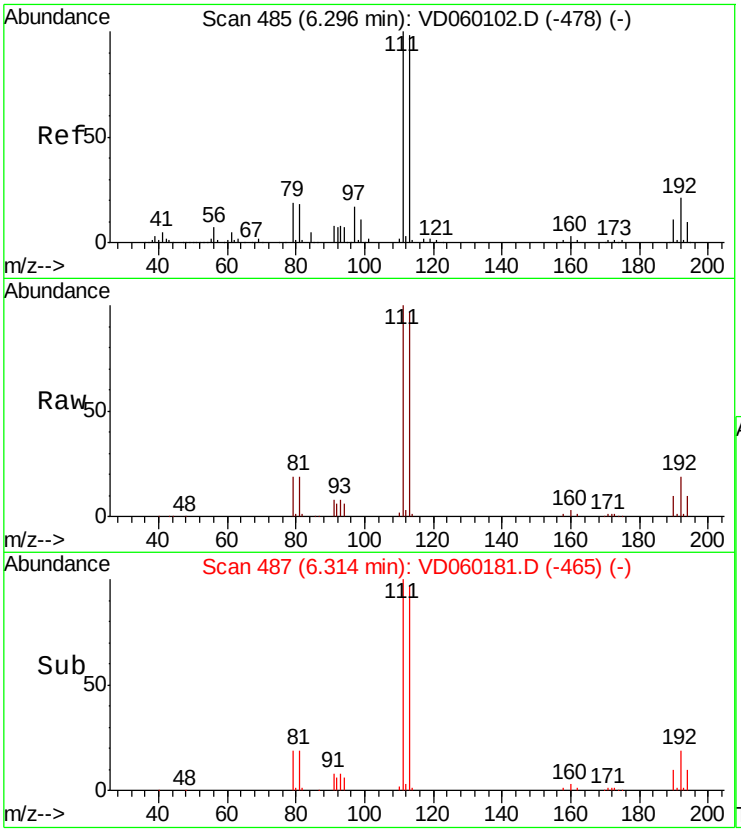


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.44 min Scan# 601
Delta R.T. 0.02 min
Lab File: VD060181.D
Acq: 24 Oct 2018 14:54

Tgt Ion:114 Resp: 2485269

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	36.0
88	17.9	0.0	36.2



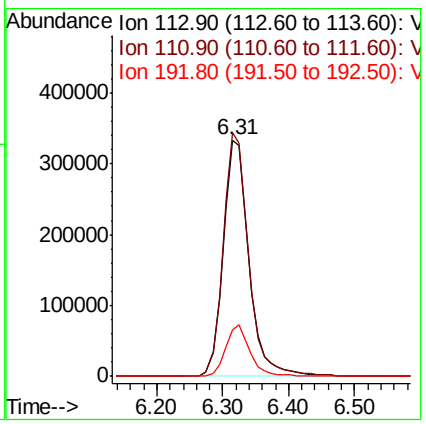


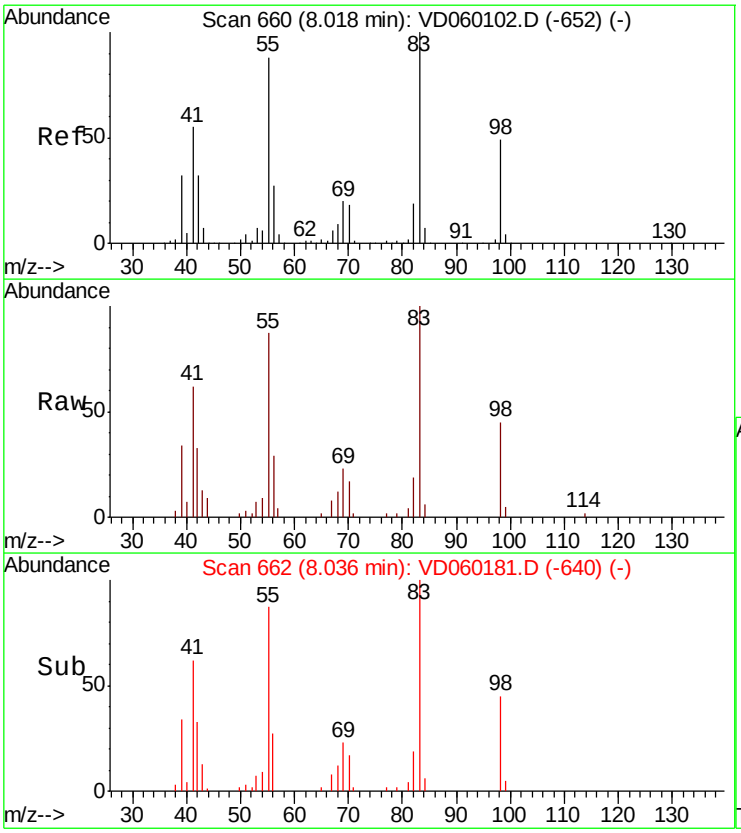
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.31 min Scan# 487
Delta R.T. 0.02 min
Lab File: VD060181.D
Acq: 24 Oct 2018 14:54

Instrument :
MSVOA_D
ClientSampleId :
OR-02-102318-A

Tgt Ion:113 Resp: 911694

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.5	122.3
192	19.7	17.4	26.0

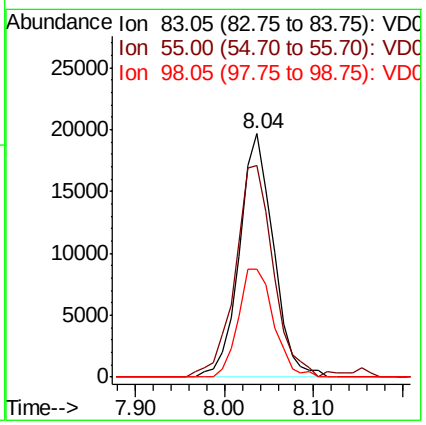


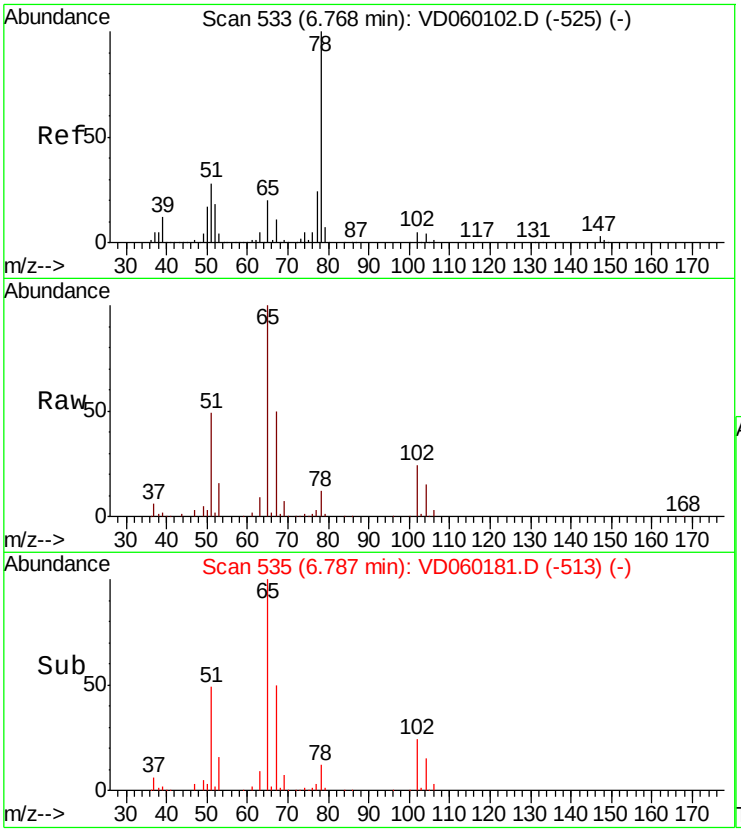


#39
Methylcyclohexane
Concen: 1.913 ug/l
RT: 8.04 min Scan# 662
Delta R.T. 0.02 min
Lab File: VD060181.D
Acq: 24 Oct 2018 14:54

Tgt Ion: 83 Resp: 51630

Ion	Ratio	Lower	Upper
83	100		
55	86.8	70.5	105.7
98	44.6	39.4	59.2



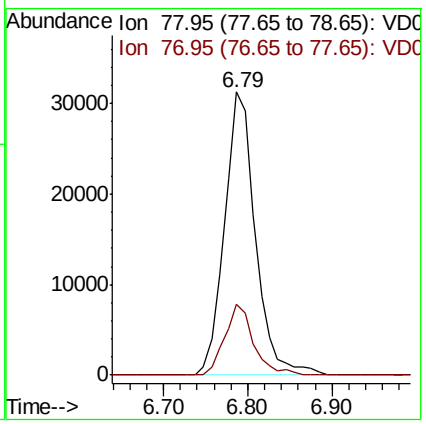


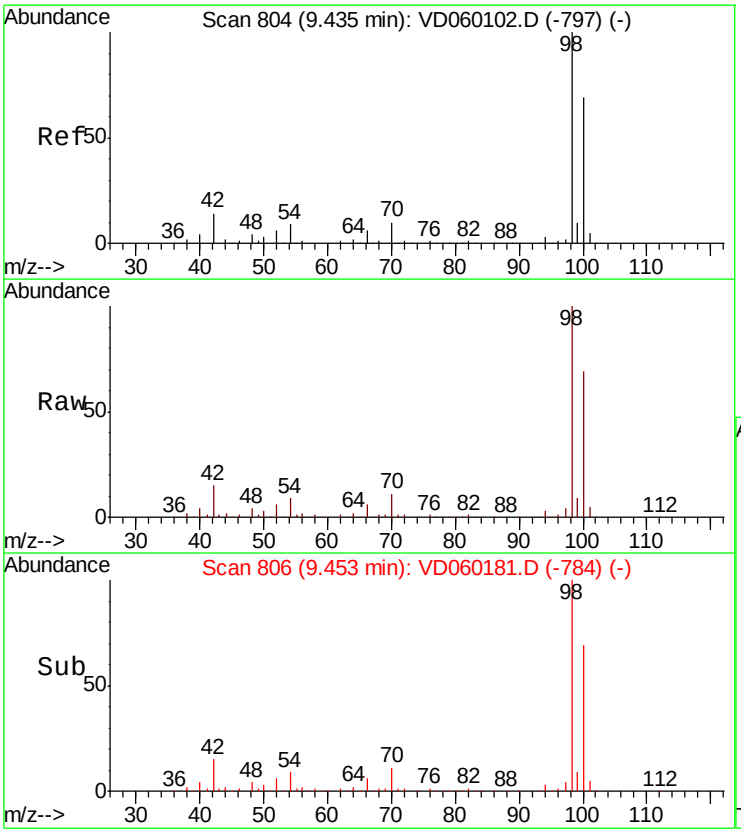
#40
Benzene
Concen: 1.278 ug/l
RT: 6.79 min Scan# 535
Delta R.T. 0.02 min
Lab File: VD060181.D
Acq: 24 Oct 2018 14:54

Instrument :
MSVOA_D
ClientSampleId :
OR-02-102318-A

Tgt Ion: 78 Resp: 79408

Ion	Ratio	Lower	Upper
78	100		
77	25.3	19.0	28.4

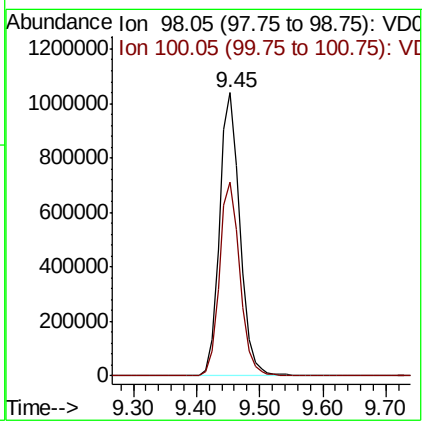


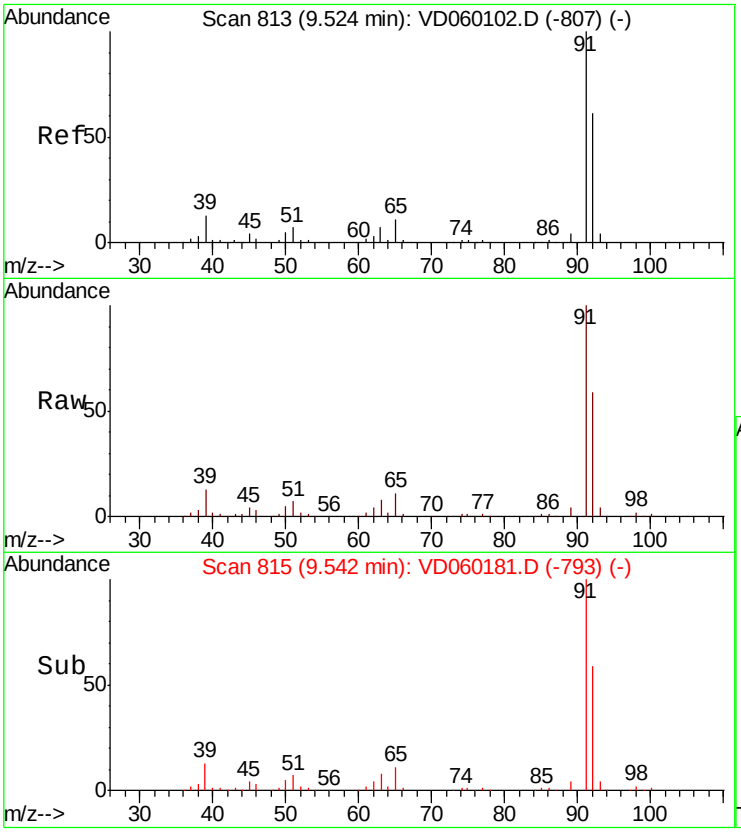


#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060181.D
Acq: 24 Oct 2018 14:54

Tgt Ion: 98 Resp: 2344318

Ion	Ratio	Lower	Upper
98	100		
100	68.6	55.4	83.0



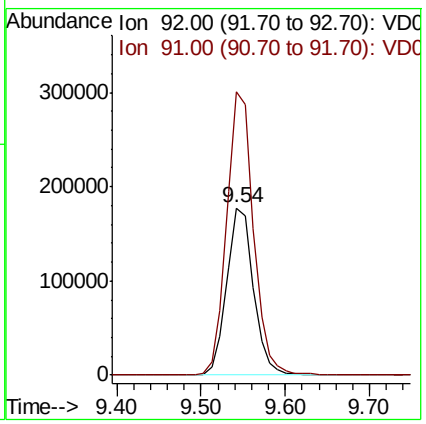


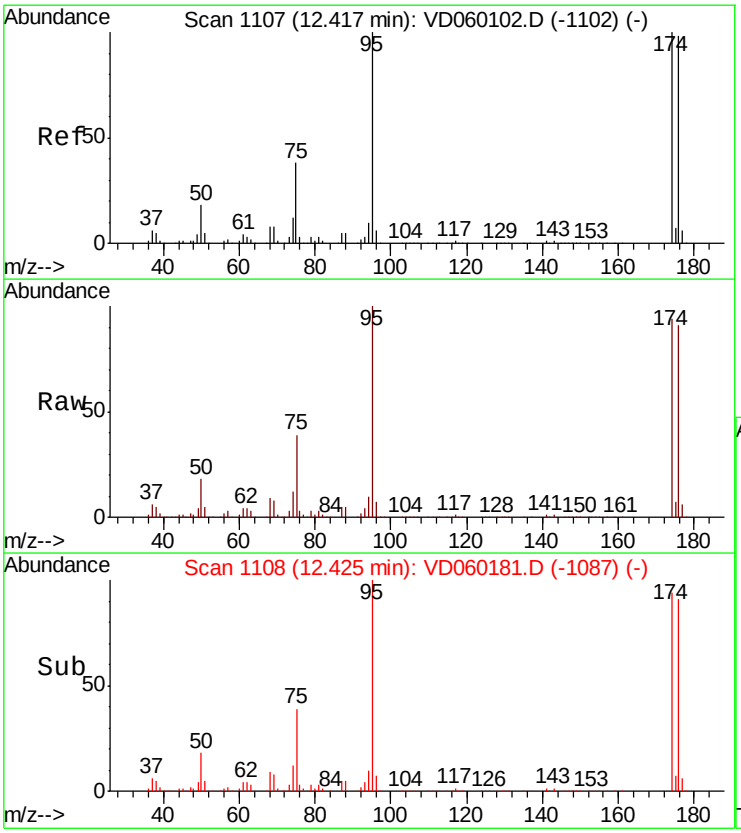
#52
Toluene
Concen: 9.853 ug/l
RT: 9.54 min Scan# 815
Delta R.T. 0.02 min
Lab File: VD060181.D
Acq: 24 Oct 2018 14:54

Instrument : MSVOA_D
ClientSampleId : OR-02-102318-A

Tgt Ion: 92 Resp: 394273

Ion	Ratio	Lower	Upper
92	100		
91	169.4	131.9	197.9

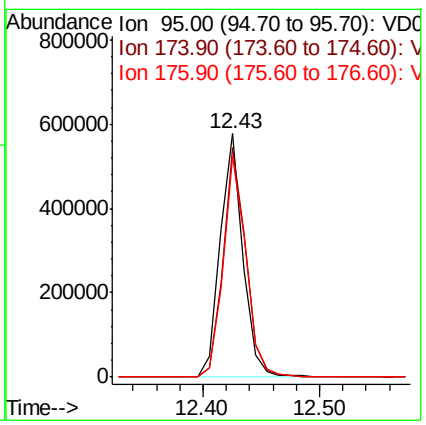


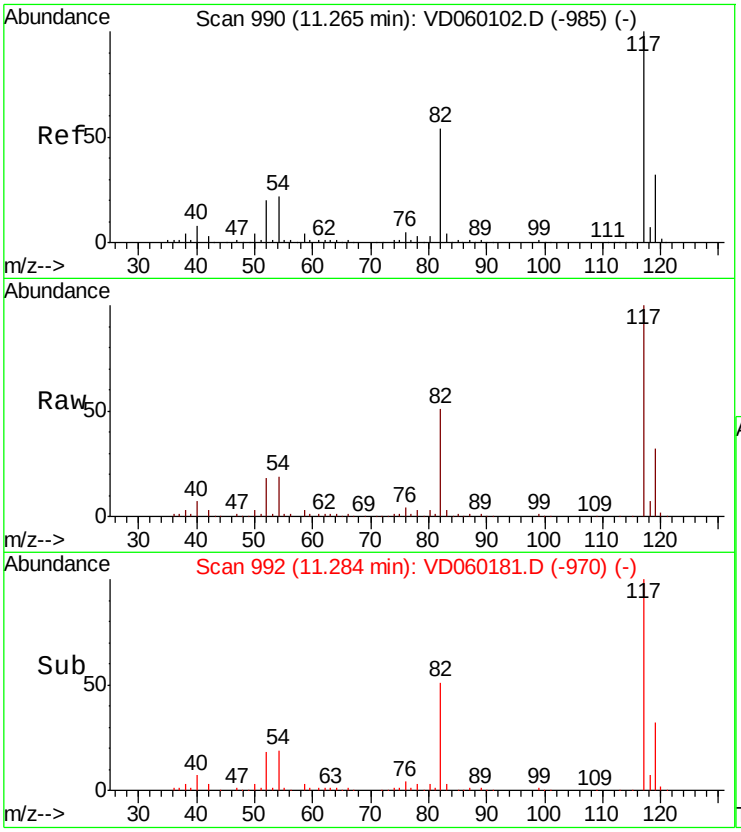


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060181.D
Acq: 24 Oct 2018 14:54

Tgt Ion: 95 Resp: 778280

Ion	Ratio	Lower	Upper
95	100		
174	94.3	0.0	200.2
176	90.5	0.0	195.6



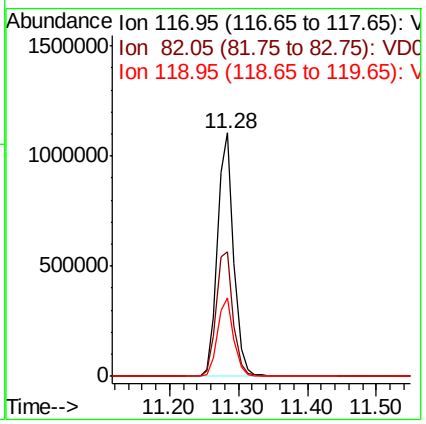


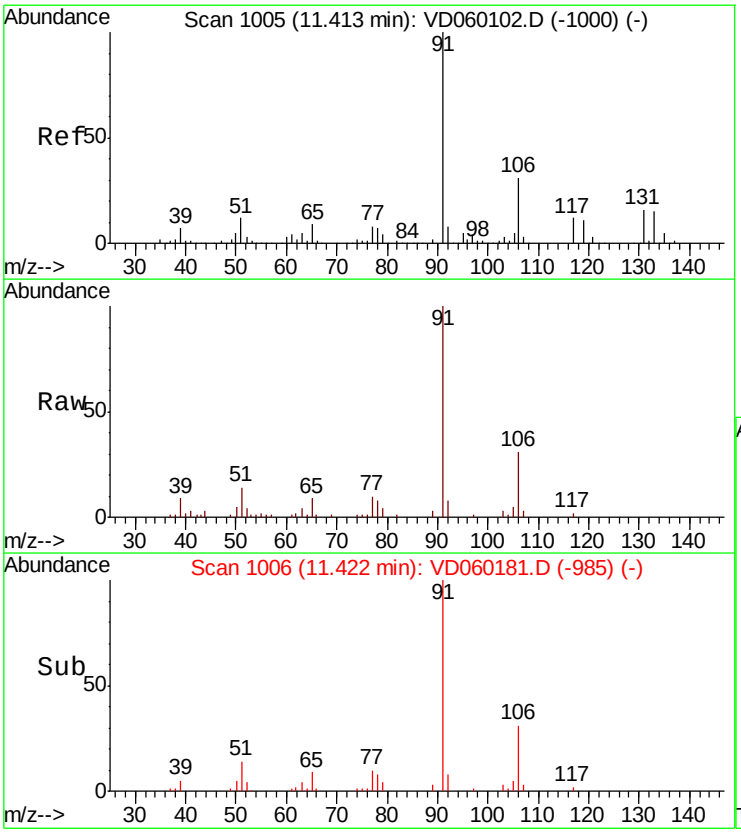
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060181.D
Acq: 24 Oct 2018 14:54

Instrument : MSVOA_D
ClientSampleId : OR-02-102318-A

Tgt Ion:117 Resp: 1795028

Ion	Ratio	Lower	Upper
117	100		
82	51.0	43.4	65.2
119	32.3	26.0	39.0

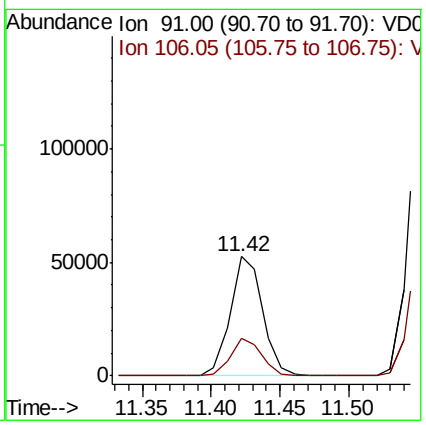


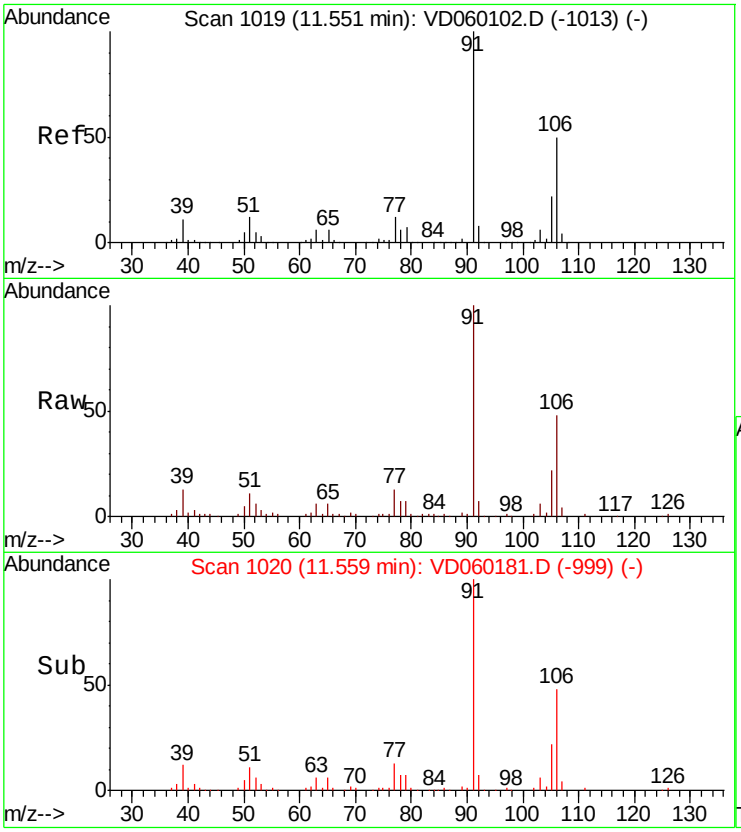


#67
Ethyl Benzene
Concen: 1.362 ug/l
RT: 11.42 min Scan# 1006
Delta R.T. 0.01 min
Lab File: VD060181.D
Acq: 24 Oct 2018 14:54

Tgt Ion: 91 Resp: 85717

Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.4	36.6



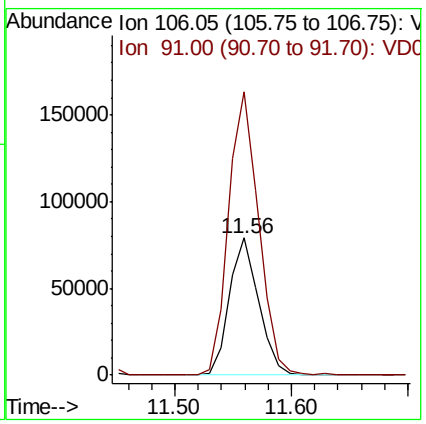


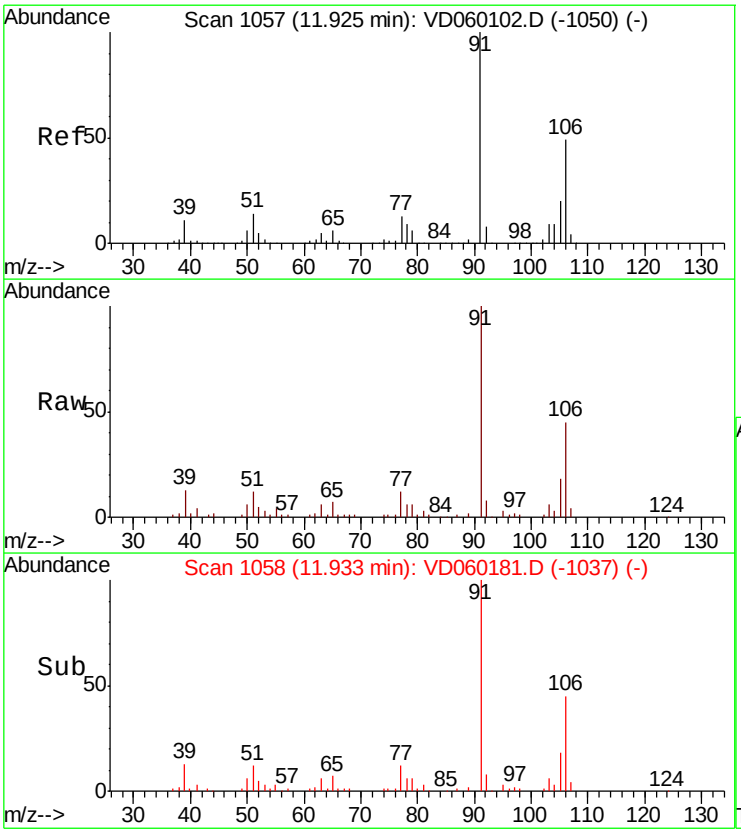
#68
m/p-Xylenes
Concen: 5.854 ug/l
RT: 11.56 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD060181.D
Acq: 24 Oct 2018 14:54

Instrument :
MSVOA_D
ClientSampleId :
OR-02-102318-A

Tgt Ion:106 Resp: 137612

Ion	Ratio	Lower	Upper
106	100		
91	206.2	160.0	240.0

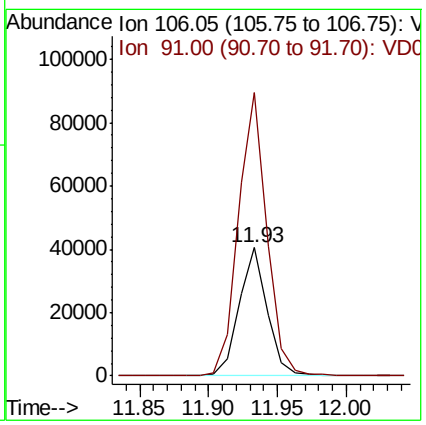


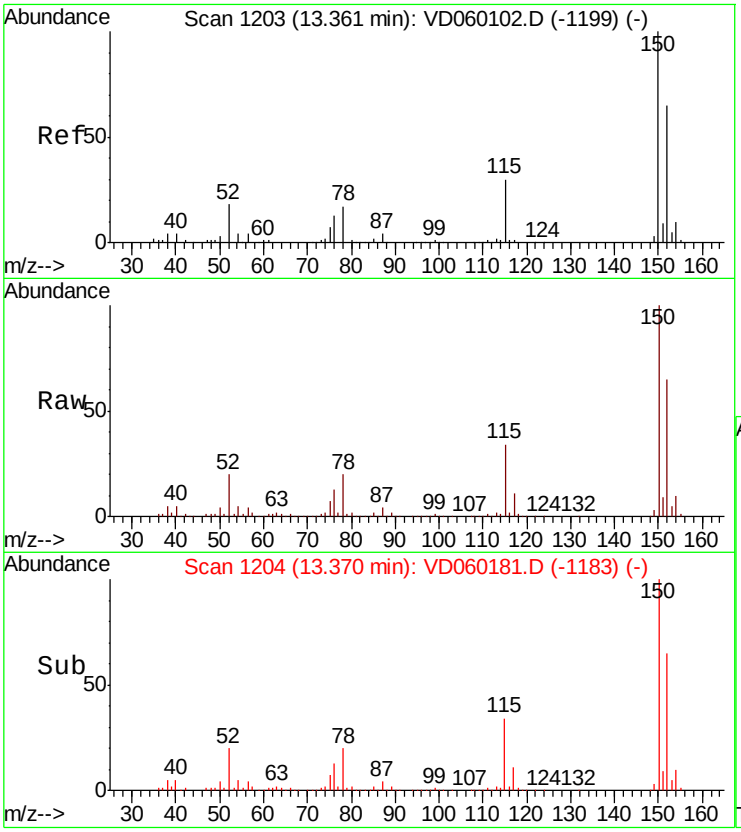


#69
o-Xylene
Concen: 2.469 ug/l
RT: 11.93 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VD060181.D
Acq: 24 Oct 2018 14:54

Tgt Ion:106 Resp: 57415

Ion	Ratio	Lower	Upper
106	100		
91	220.9	102.5	307.5



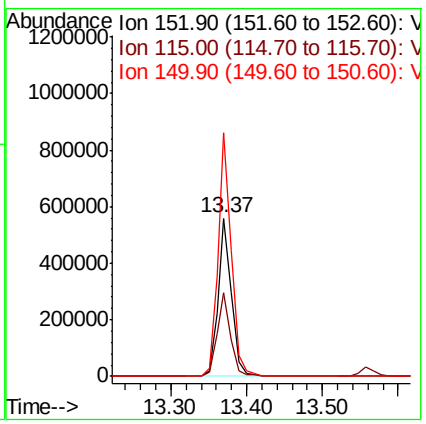


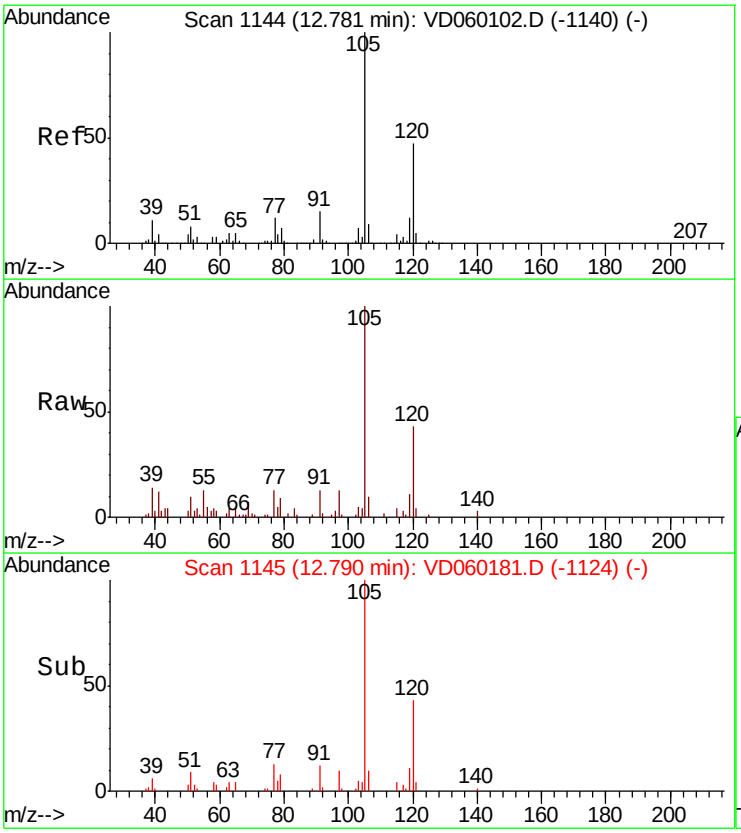
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060181.D
Acq: 24 Oct 2018 14:54

Instrument : MSVOA_D
ClientSampleId : OR-02-102318-A

Tgt Ion:152 Resp: 696214

Ion	Ratio	Lower	Upper
152	100		
115	53.1	27.1	81.2
150	154.1	0.0	311.8

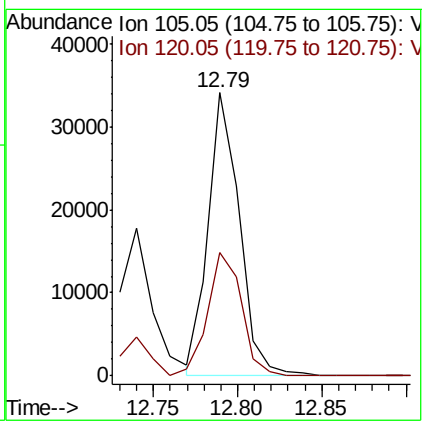


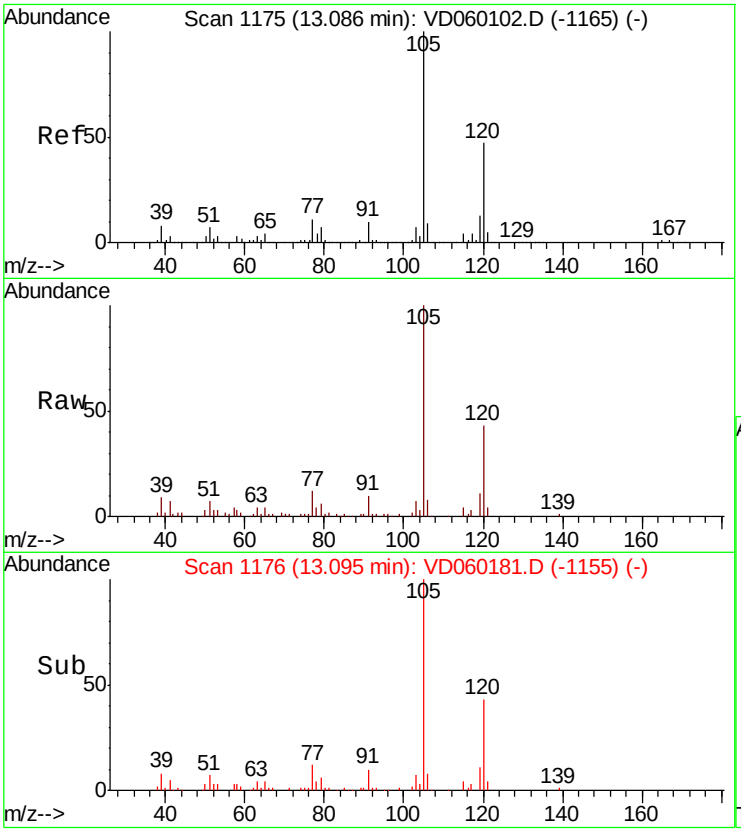


#80
1,3,5-Trimethylbenzene
Concen: 1.235 ug/l
RT: 12.79 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VD060181.D
Acq: 24 Oct 2018 14:54

Tgt Ion:105 Resp: 43897

Ion	Ratio	Lower	Upper
105	100		
120	43.4	23.7	71.1



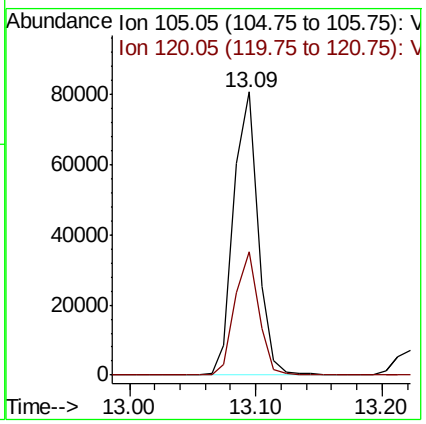


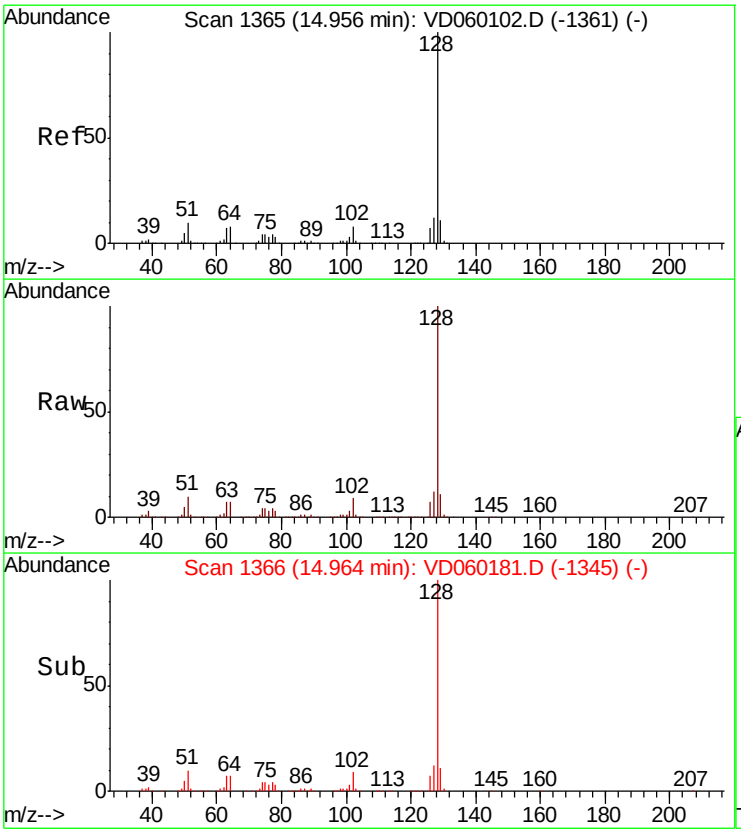
#84
1,2,4-Trimethylbenzene
Concen: 2.858 ug/l
RT: 13.09 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VD060181.D
Acq: 24 Oct 2018 14:54

Instrument :
MSVOA_D
ClientSampleId :
OR-02-102318-A

Tgt Ion:105 Resp: 107077

Ion	Ratio	Lower	Upper
105	100		
120	43.5	23.4	70.0





#95
Naphthalene
Concen: 71.813 ug/l
RT: 14.96 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VD060181.D
Acq: 24 Oct 2018 14:54

Tgt Ion:128 Resp: 1766648

Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.9	14.9
129	11.2	8.8	13.2