Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092820\
Data File : VD066912.D
Acq On : 28 Sep 2020 14:42
Operator : VA/SY
Sample : L4170-02
Misc : 4.46G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR251606

Quant Time: Sep 29 01:36:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	8.10	168	727019	50.00	ug/l	0.12
34) 1,4-Difluorobenzene	8.95	114	1308677	50.00	ug/l	0.09
63) Chlorobenzene-d5	11.66	117	723087	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.58	152	159724	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.44	65	213812	30.05	ug/l	0.11
Spiked Amount 50.000			Recovery = 60.10%			
35) Dibromofluoromethane	8.05	113	272005	32.67	ug/l	0.14
Spiked Amount 50.000			Recovery = 65.34%			
50) Toluene-d8	10.38	98	1122691	39.58	ug/l	0.04
Spiked Amount 50.000			Recovery = 79.16%			
62) 4-Bromofluorobenzene	12.64	95	232962	23.99	ug/l	0.01
Spiked Amount 50.000			Recovery = 47.98%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.42	83	15579	1.045	ug/l	90
52) Toluene	10.44	92	368796	15.823	ug/l	99
67) Ethyl Benzene	11.76	91	93640	3.542	ug/l	97
68) m/p-Xylenes	11.87	106	151958	15.183	ug/l	100
69) o-Xylene	12.19	106	66743	7.375	ug/l	96
78) n-propylbenzene	12.83	91	28324	2.040	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	38637	3.946	ug/l	92
84) 1,2,4-Trimethylbenzene	13.28	105	143132	14.743	ug/l	100

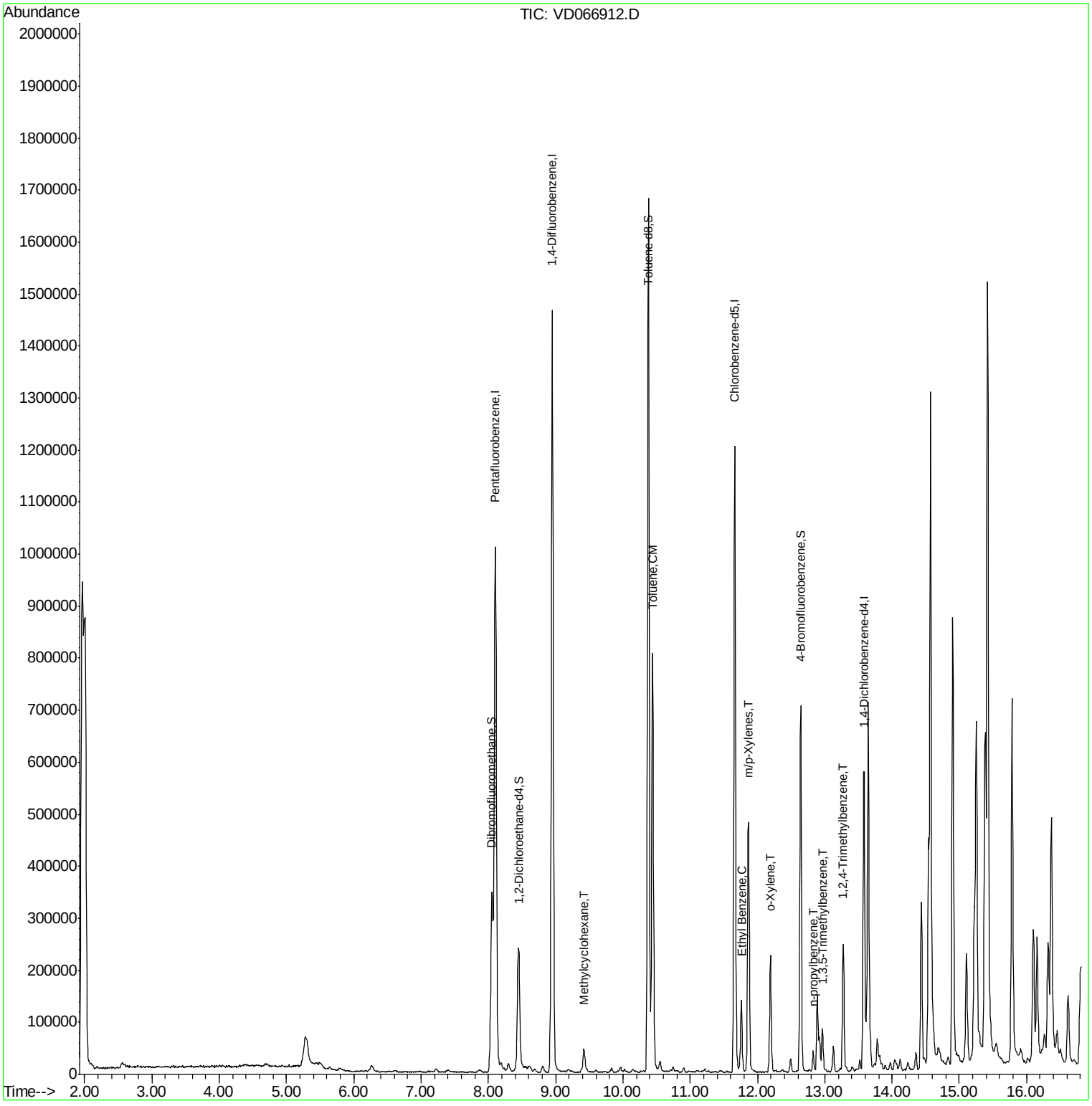
(#) = qualifier out of range (m) = manual integration (+) = signals summed

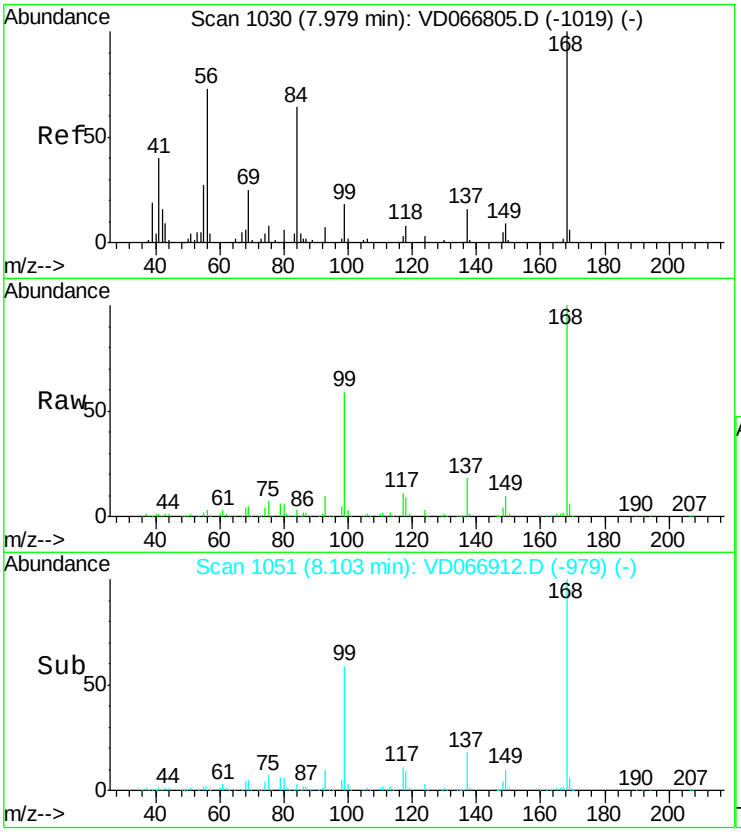
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
Data File : VD066912.D
Acq On : 28 Sep 2020 14:42
Operator : VA/SY
Sample : L4170-02
Misc : 4.46G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR251606

Quant Time: Sep 29 01:36:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration



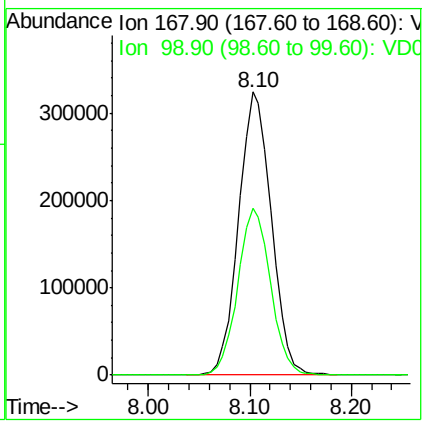


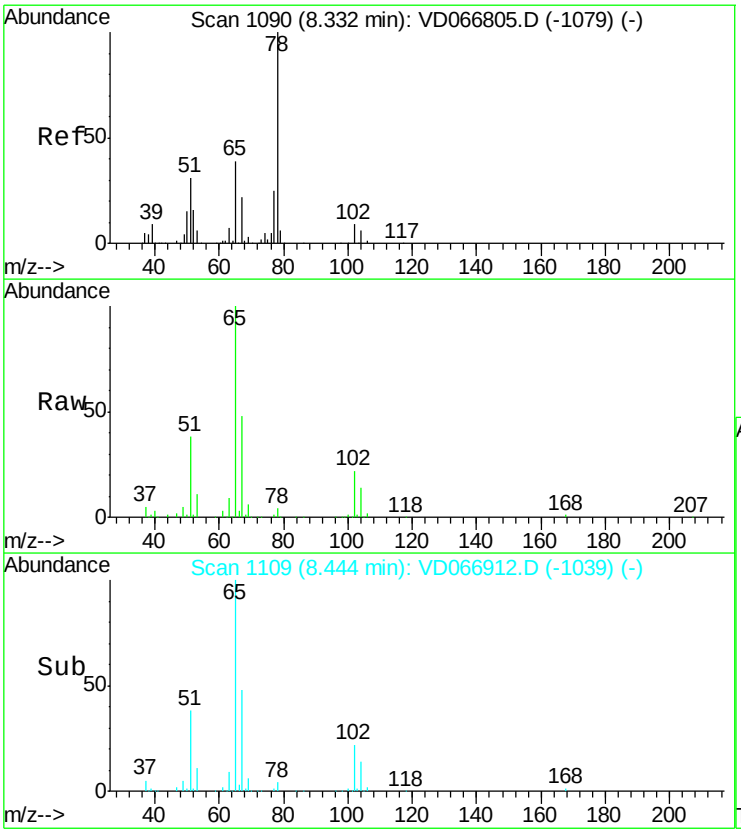
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.12 min
Lab File: VD066912.D
Acq: 28 Sep 2020 14:42

Instrument : MSVOA_D
ClientSampleId : RBR251606

Tgt Ion:168 Resp: 727019

Ion	Ratio	Lower	Upper
168	100		
99	58.7	46.6	69.8

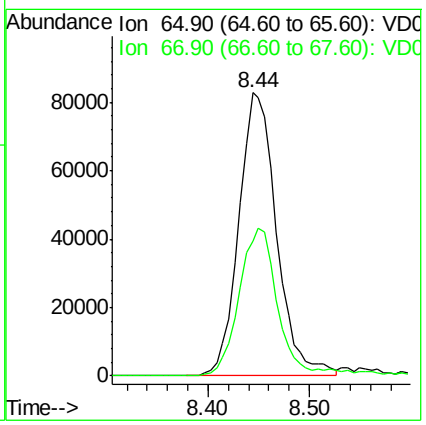


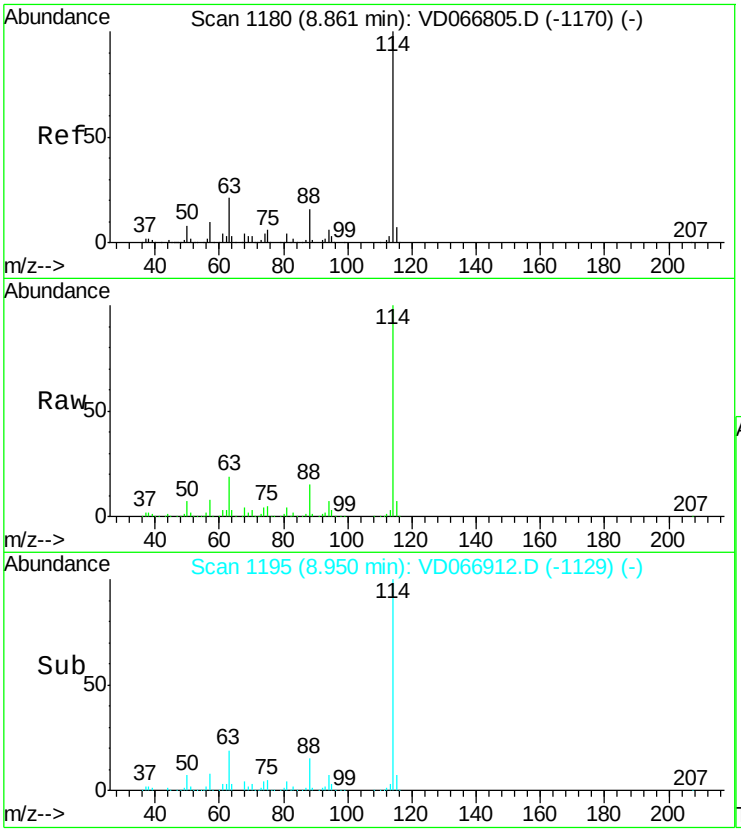


#33
1,2-Dichloroethane-d4
Concen: 30.048 ug/l
RT: 8.44 min Scan# 1109
Delta R.T. 0.11 min
Lab File: VD066912.D
Acq: 28 Sep 2020 14:42

Tgt Ion: 65 Resp: 213812

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	107.2



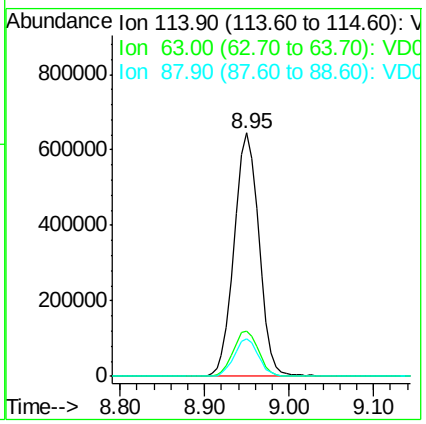


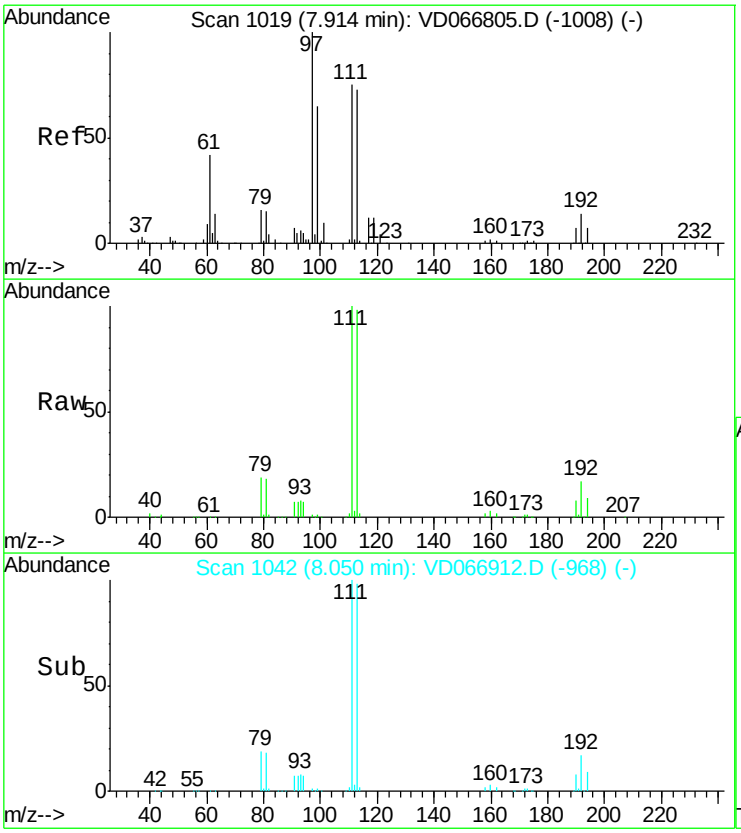
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.95 min Scan# 1195
Delta R.T. 0.09 min
Lab File: VD066912.D
Acq: 28 Sep 2020 14:42

Instrument :
MSVOA_D
ClientSampleId :
RBR251606

Tgt Ion:114 Resp: 1308677

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	42.6
88	15.4	0.0	32.6

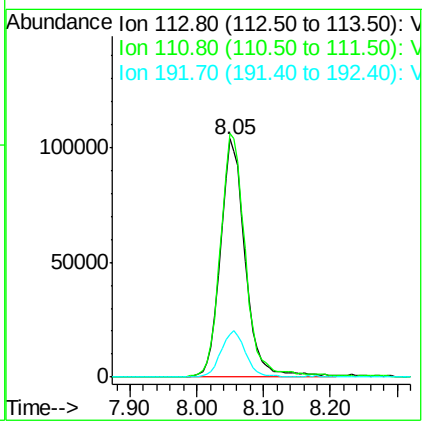


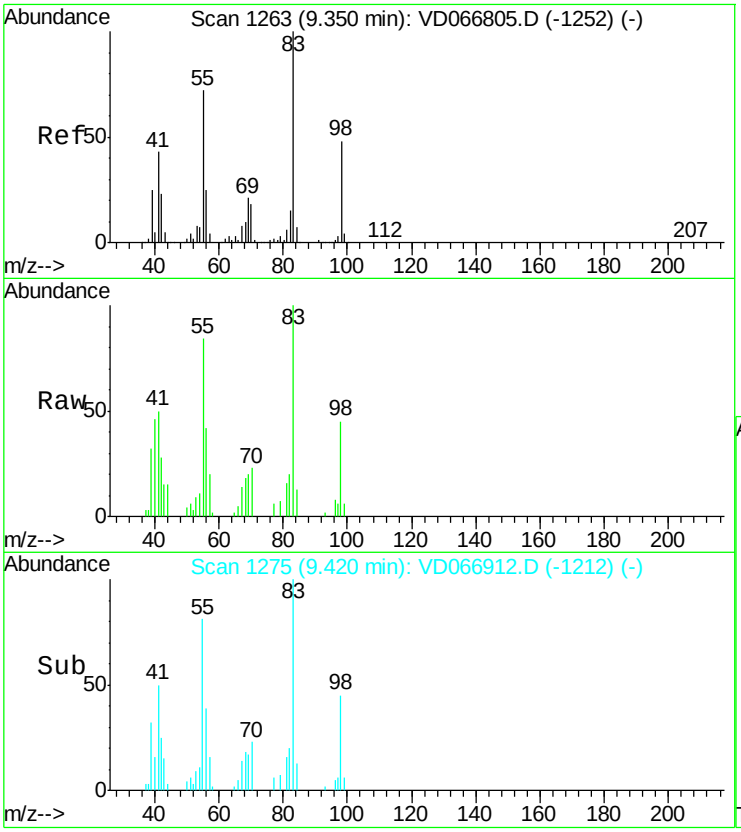


#35
Dibromofluoromethane
Concen: 32.670 ug/l
RT: 8.05 min Scan# 1042
Delta R.T. 0.14 min
Lab File: VD066912.D
Acq: 28 Sep 2020 14:42

Tgt Ion:113 Resp: 272005

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.8	122.8
192	19.1	14.4	21.6



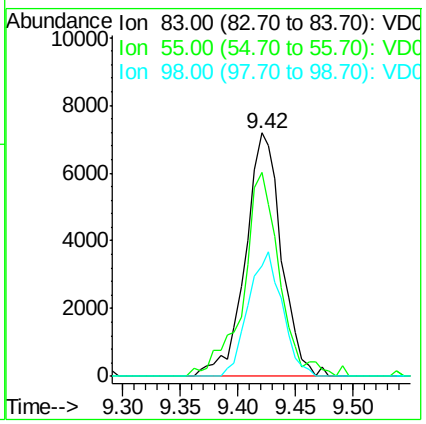


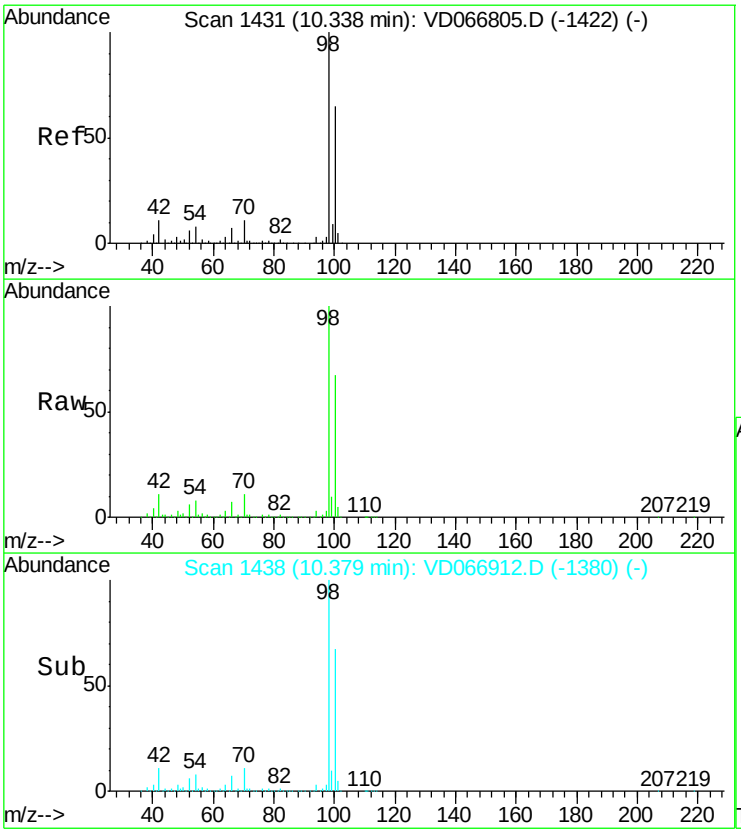
#39
Methylcyclohexane
Concen: 1.045 ug/l
RT: 9.42 min Scan# 1275
Delta R.T. 0.07 min
Lab File: VD066912.D
Acq: 28 Sep 2020 14:42

Instrument :
MSVOA_D
ClientSampleId :
RBR251606

Tgt Ion: 83 Resp: 15579

Ion	Ratio	Lower	Upper
83	100		
55	83.7	57.7	86.5
98	45.4	38.4	57.6

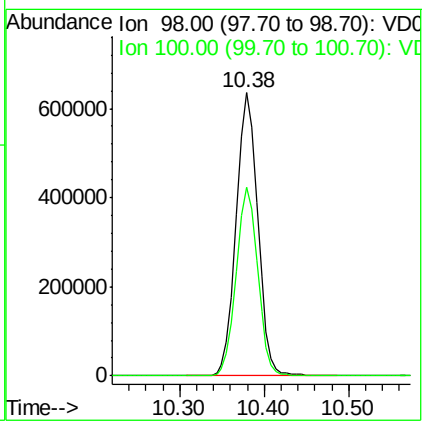


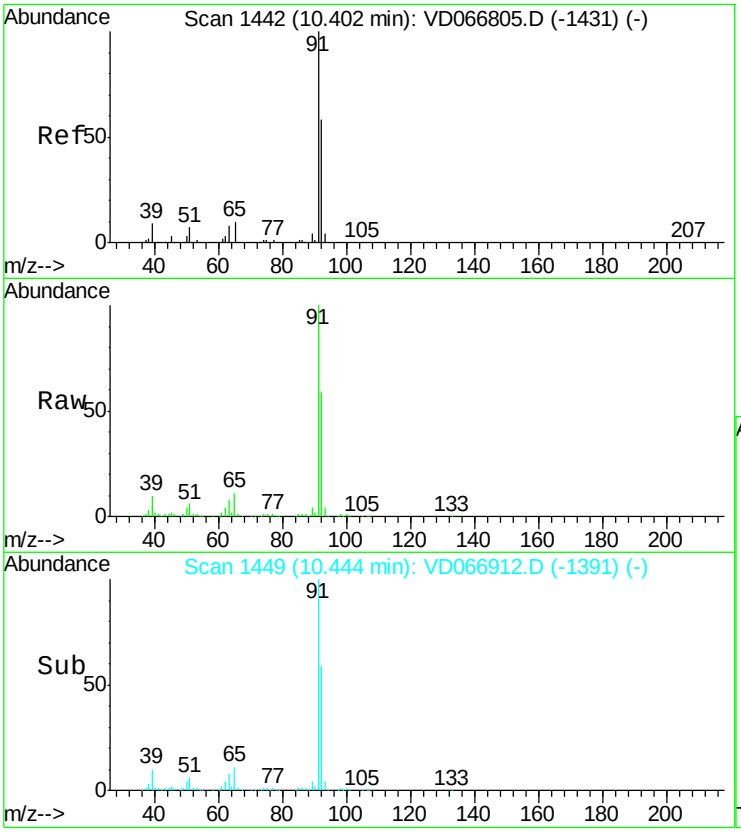


#50
Toluene-d8
Concen: 39.577 ug/l
RT: 10.38 min Scan# 1438
Delta R.T. 0.04 min
Lab File: VD066912.D
Acq: 28 Sep 2020 14:42

Tgt Ion: 98 Resp: 1122691

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.2	78.2



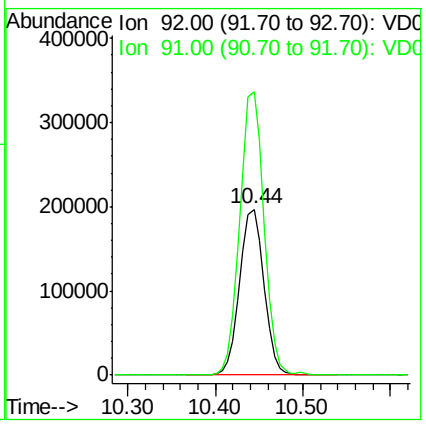


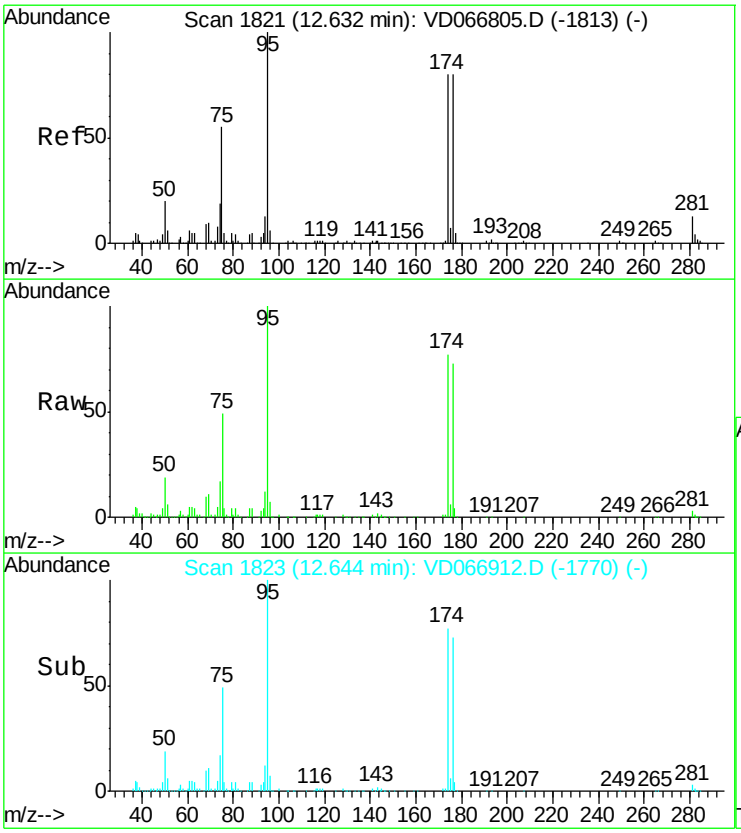
#52
Toluene
Concen: 15.823 ug/l
RT: 10.44 min Scan# 1449
Delta R.T. 0.04 min
Lab File: VD066912.D
Acq: 28 Sep 2020 14:42

Instrument : MSVOA_D
ClientSampleId : RBR251606

Tgt Ion: 92 Resp: 368796

Ion	Ratio	Lower	Upper
92	100		
91	169.6	134.6	202.0

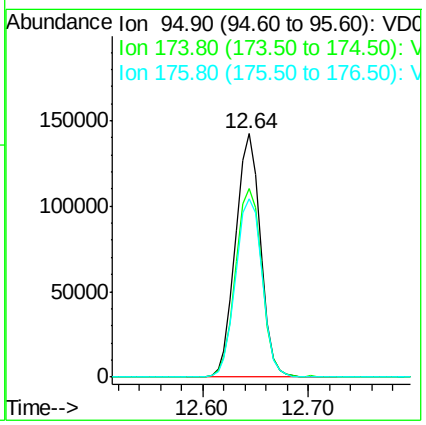


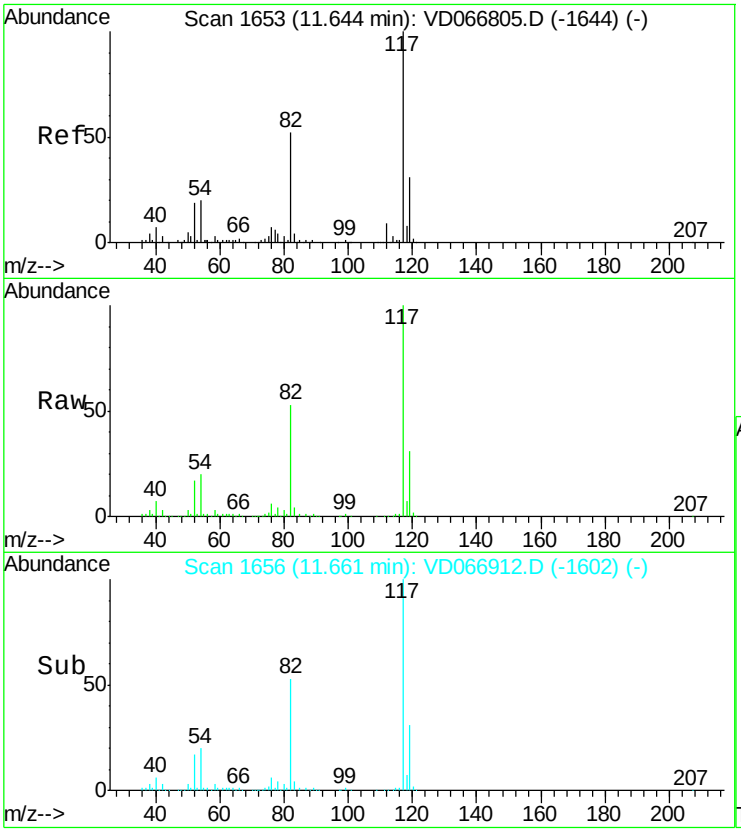


#62
4-Bromofluorobenzene
Concen: 23.989 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD066912.D
Acq: 28 Sep 2020 14:42

Tgt Ion: 95 Resp: 232962

Ion	Ratio	Lower	Upper
95	100		
174	81.2	0.0	159.8
176	77.6	0.0	154.4



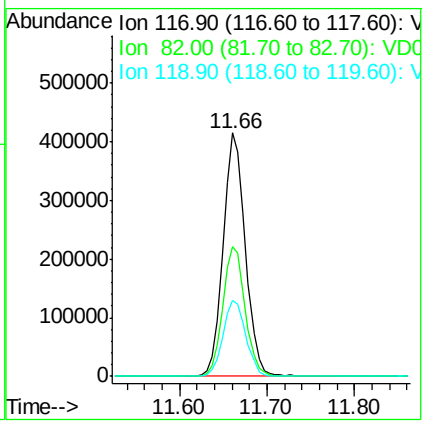


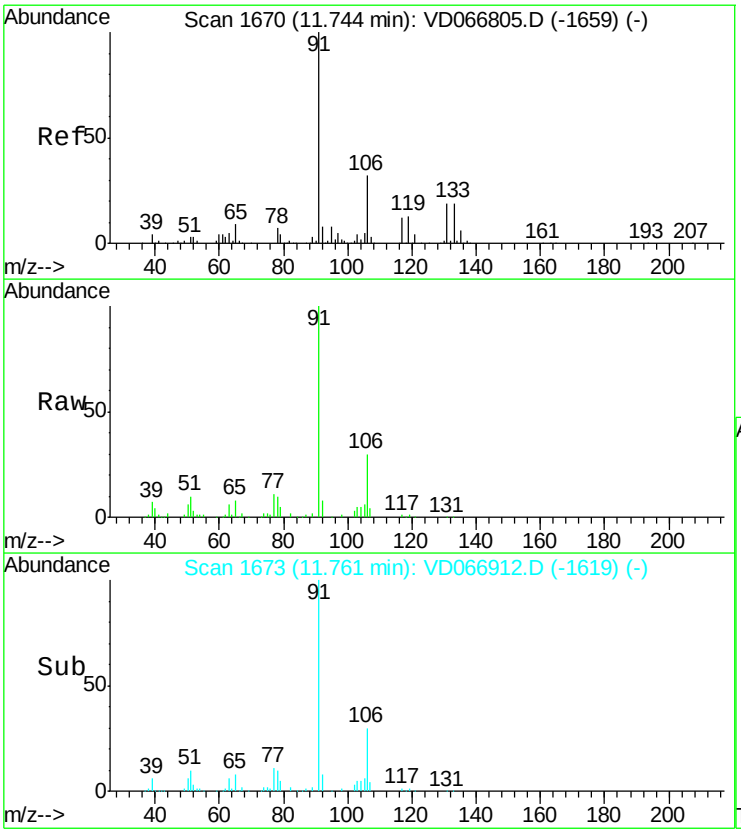
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.66 min Scan# 1656
Delta R.T. 0.02 min
Lab File: VD066912.D
Acq: 28 Sep 2020 14:42

Instrument : MSVOA_D
ClientSampleId : RBR251606

Tgt Ion:117 Resp: 723087

Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.8	62.6
119	31.2	24.6	37.0

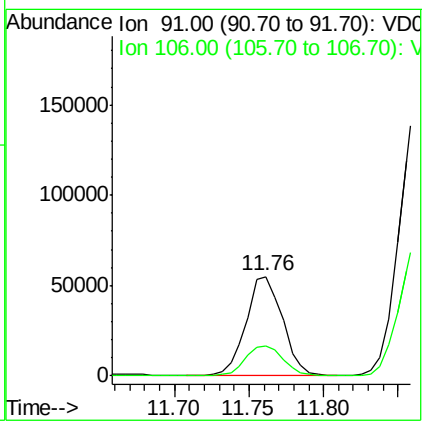


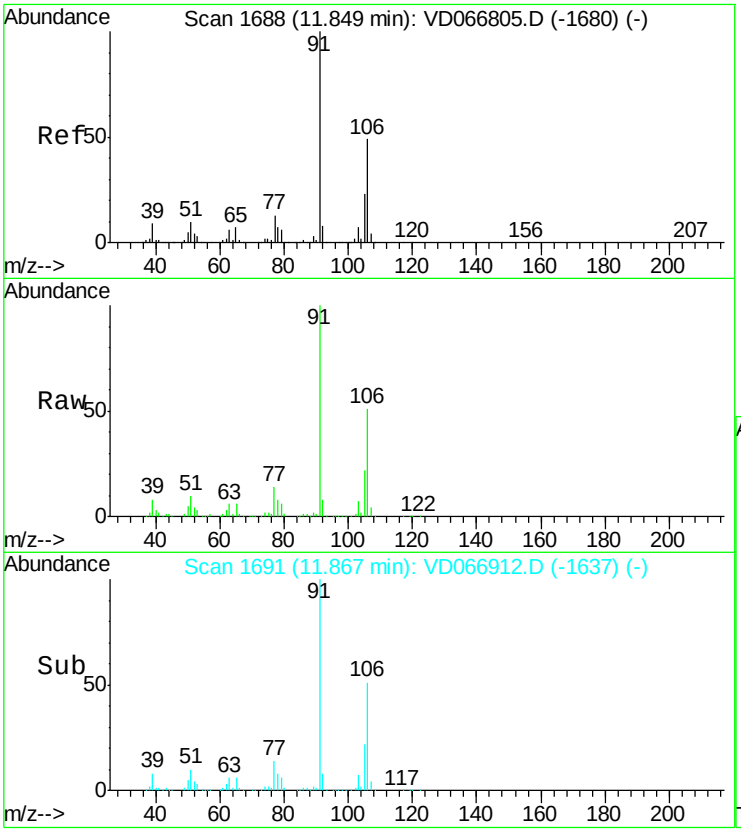


#67
Ethyl Benzene
Concen: 3.542 ug/l
RT: 11.76 min Scan# 1673
Delta R.T. 0.02 min
Lab File: VD066912.D
Acq: 28 Sep 2020 14:42

Tgt Ion: 91 Resp: 93640

Ion	Ratio	Lower	Upper
91	100		
106	30.4	25.6	38.4



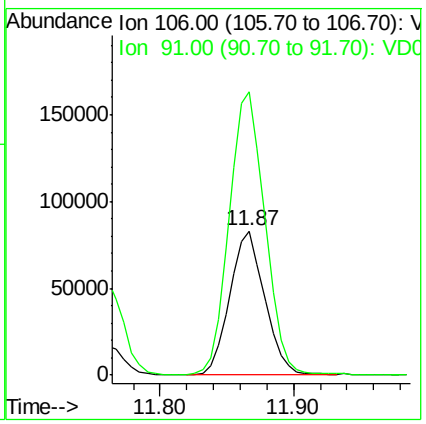


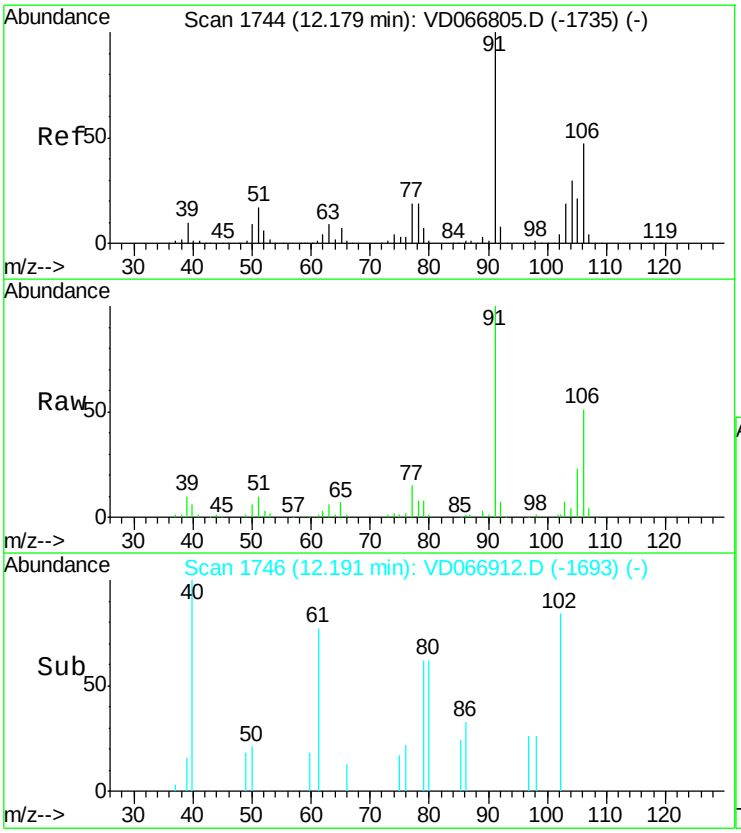
#68
m/p-Xylenes
Concen: 15.183 ug/l
RT: 11.87 min Scan# 1691
Delta R.T. 0.02 min
Lab File: VD066912.D
Acq: 28 Sep 2020 14:42

Instrument :
MSVOA_D
ClientSampleId :
RBR251606

Tgt Ion:106 Resp: 151958

Ion	Ratio	Lower	Upper
106	100		
91	200.9	160.7	241.1

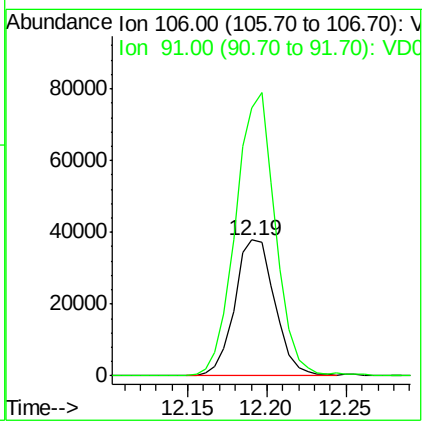


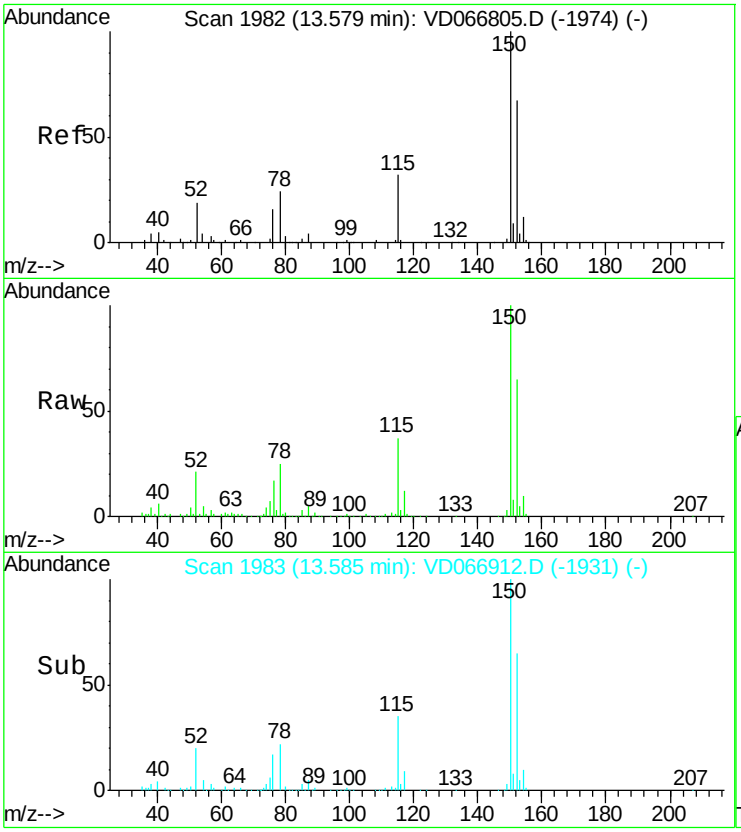


#69
o-Xylene
Concen: 7.375 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VD066912.D
Acq: 28 Sep 2020 14:42

Tgt Ion:106 Resp: 66743

Ion	Ratio	Lower	Upper
106	100		
91	205.9	106.3	318.8



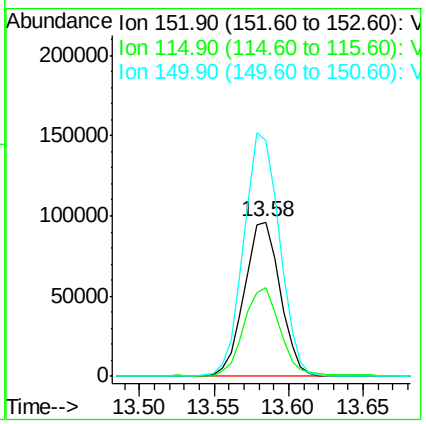


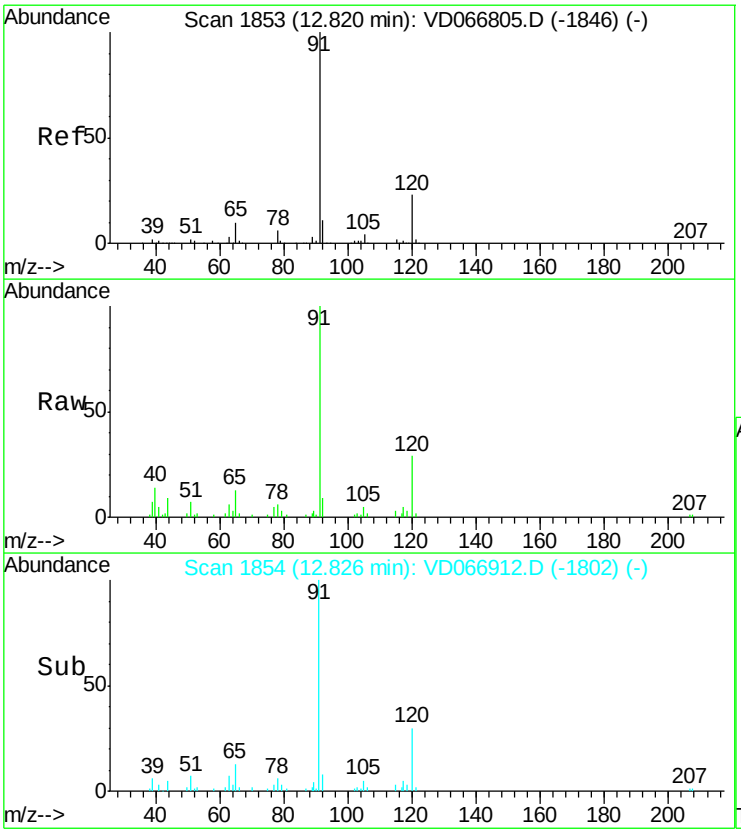
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066912.D
Acq: 28 Sep 2020 14:42

Instrument : MSVOA_D
ClientSampleId : RBR251606

Tgt Ion:152 Resp: 159724

Ion	Ratio	Lower	Upper
152	100		
115	59.3	30.3	91.0
150	158.1	0.0	346.2

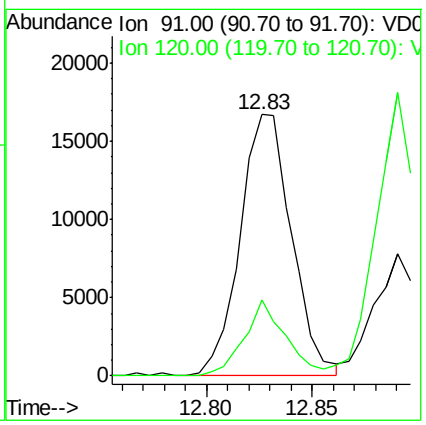


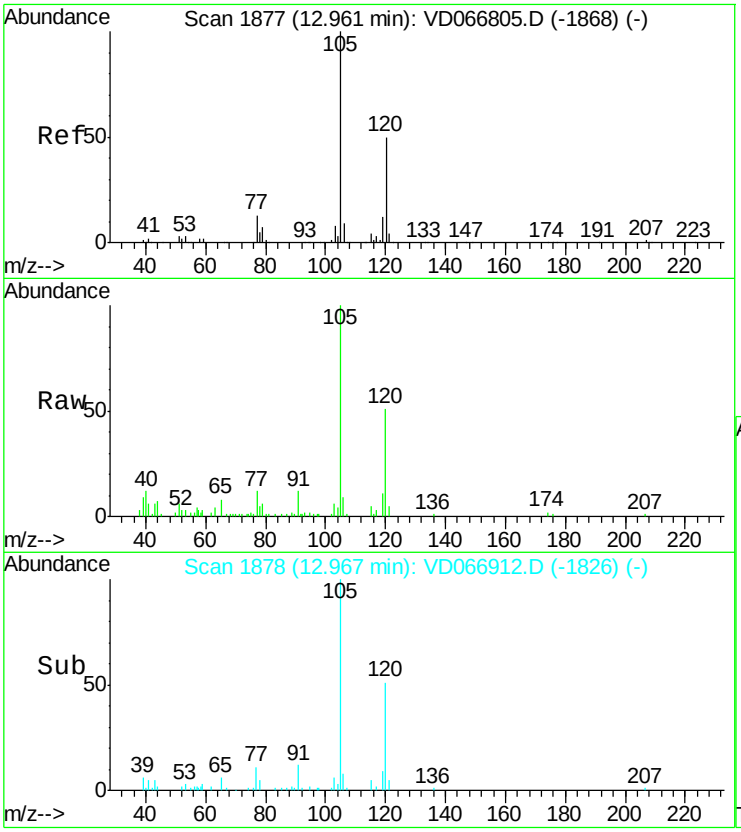


#78
n-propylbenzene
Concen: 2.040 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.01 min
Lab File: VD066912.D
Acq: 28 Sep 2020 14:42

Tgt Ion: 91 Resp: 28324

Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.4	34.2



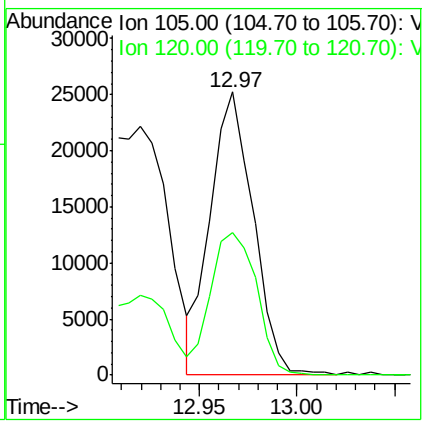


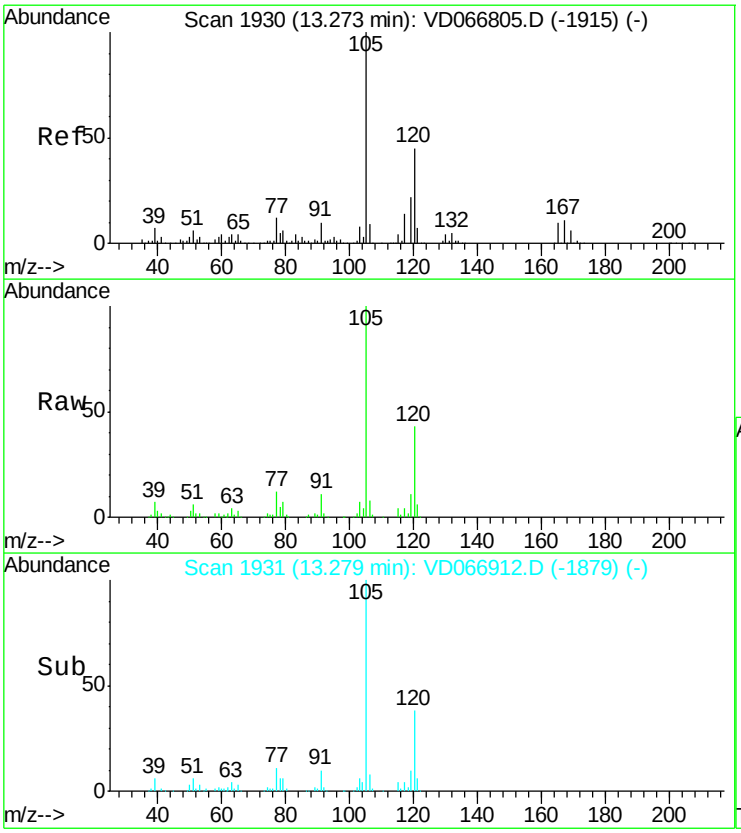
#80
1,3,5-Trimethylbenzene
Concen: 3.946 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VD066912.D
Acq: 28 Sep 2020 14:42

Instrument :
MSVOA_D
ClientSampleId :
RBR251606

Tgt Ion:105 Resp: 38637

Ion	Ratio	Lower	Upper
105	100		
120	54.1	24.4	73.4





#84
1,2,4-Trimethylbenzene
Concen: 14.743 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.01 min
Lab File: VD066912.D
Acq: 28 Sep 2020 14:42

Tgt Ion:105 Resp: 143132

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.3	66.9