Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051420\
Data File : VD065740.D
Acq On : 14 May 2020 13:55
Operator : VA/SY
Sample : L2635-01
Misc : 6.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : ROLL-OFF-P72-11933

Quant Time: May 15 08:30:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
Quant Title : SW846 8260
QLast Update : Wed May 13 14:28:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	314702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	469545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	389272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	157265	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	130736	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.10%			
35) Dibromofluoromethane	7.92	113	137766	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.58%			
50) Toluene-d8	10.34	98	504631	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.66%			
62) 4-Bromofluorobenzene	12.64	95	150772	43.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.92%			
Target Compounds						Qvalue
68) m/p-Xylenes	11.86	106	15252	3.053	ug/l	94
69) o-Xylene	12.18	106	9585	2.061	ug/l	95
78) n-propylbenzene	12.83	91	19229	1.559	ug/l	95
80) 1,3,5-Trimethylbenzene	12.97	105	20677	2.377	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	53144	6.195	ug/l	98
89) n-Butylbenzene	13.85	91	9269m	1.027	ug/l	
95) Naphthalene	15.41	128	6073	1.163	ug/l #	95

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

Quantitation Report (LSC Reviewed)

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Acq On : 14 May 2020 13:55
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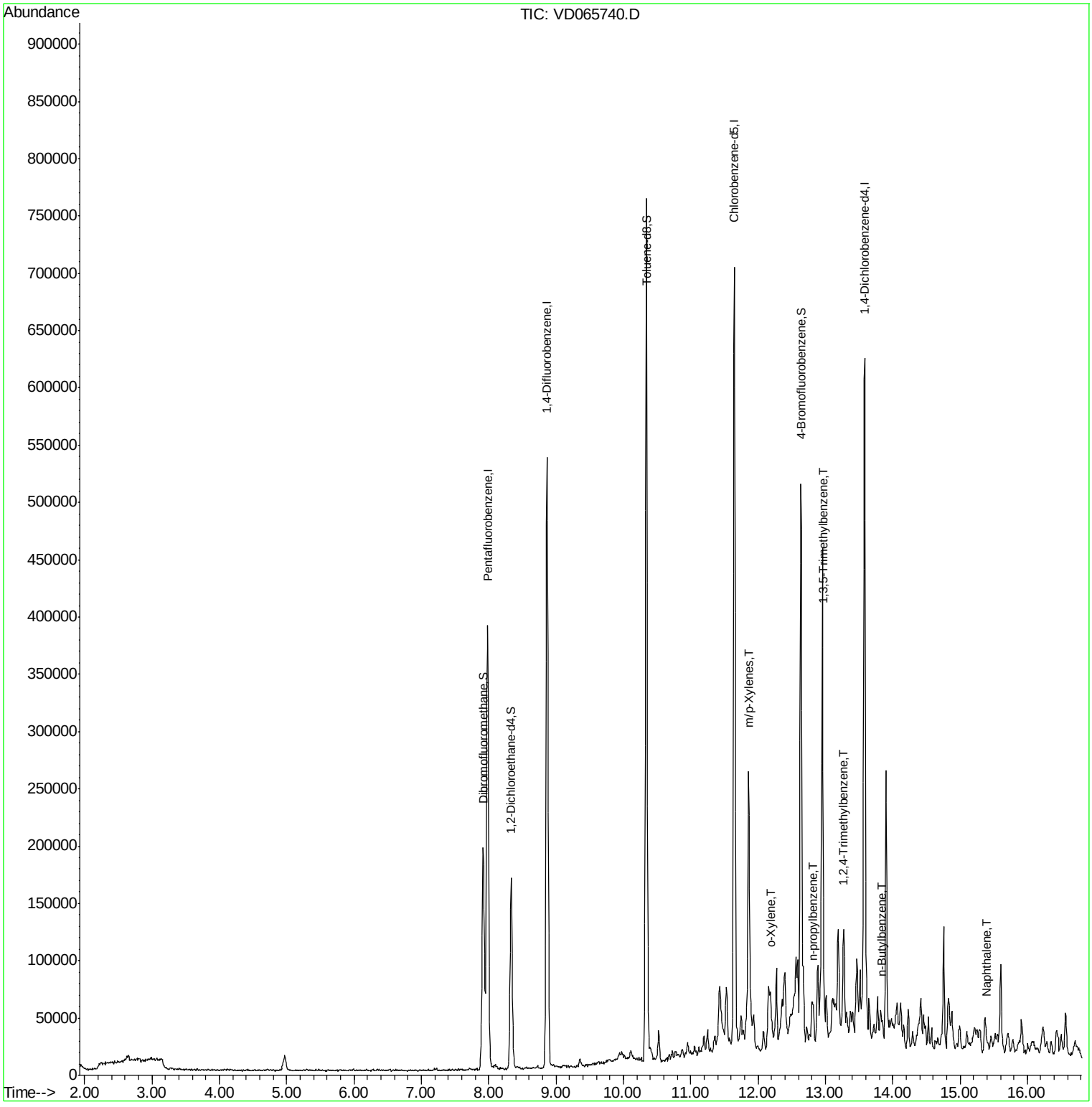
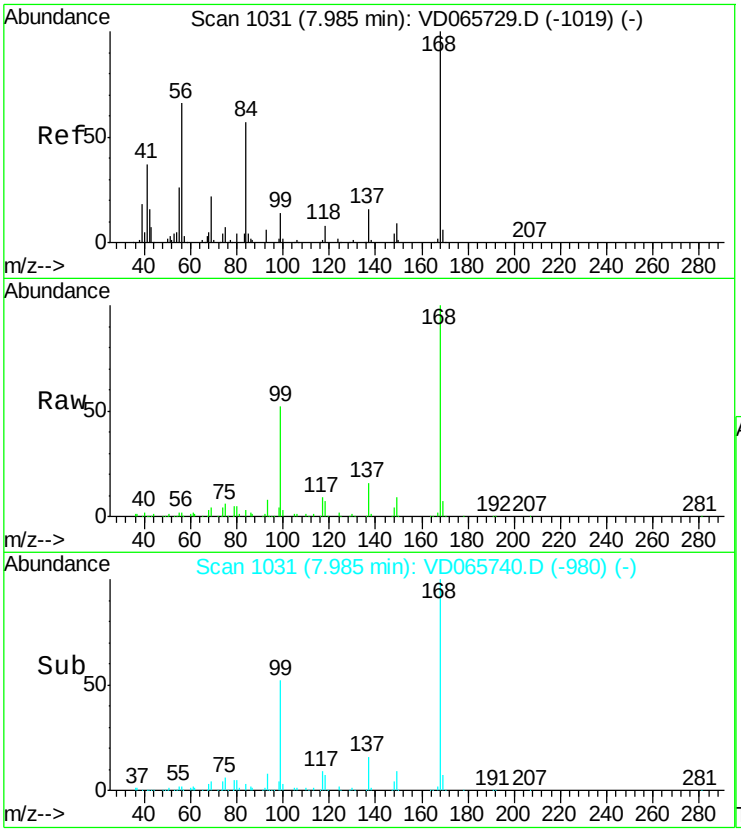
MSVOA_D
ClientSampleId :
ROLL-OFF-P72-11933

Quant Time: May 15 08:30:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
Quant Title : SW846 8260
QLast Update : Wed May 13 14:28:42 2020
Response via : Initial Calibration



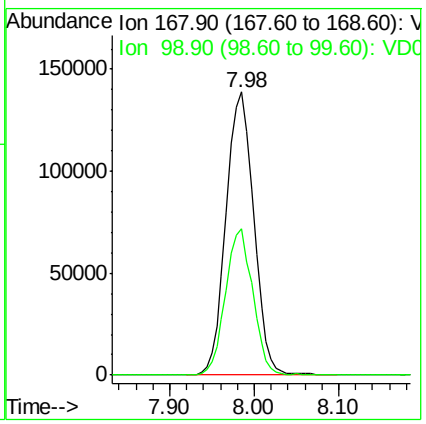


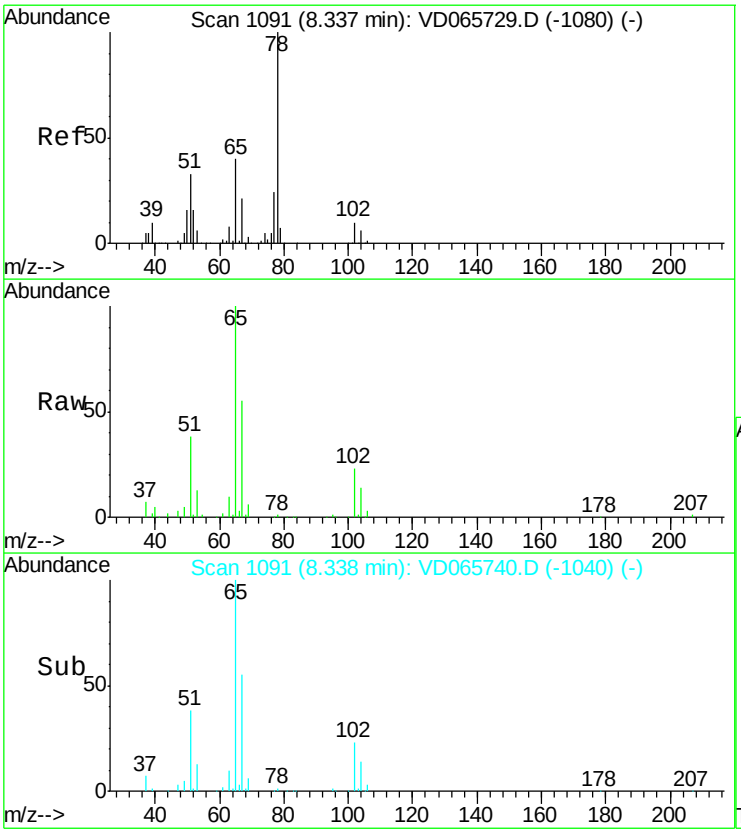
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065740.D
Acq: 14 May 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
ROLL-OFF-P72-11933

Tgt Ion:168 Resp: 314702

Ion	Ratio	Lower	Upper
168	100		
99	51.5	40.6	60.8

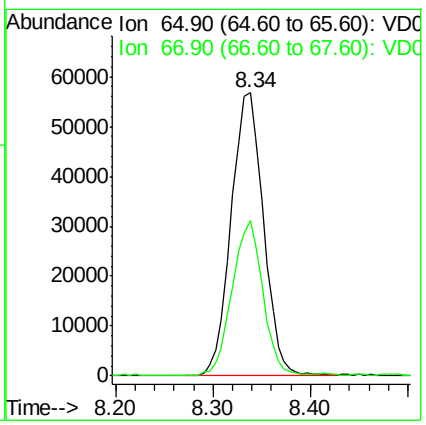


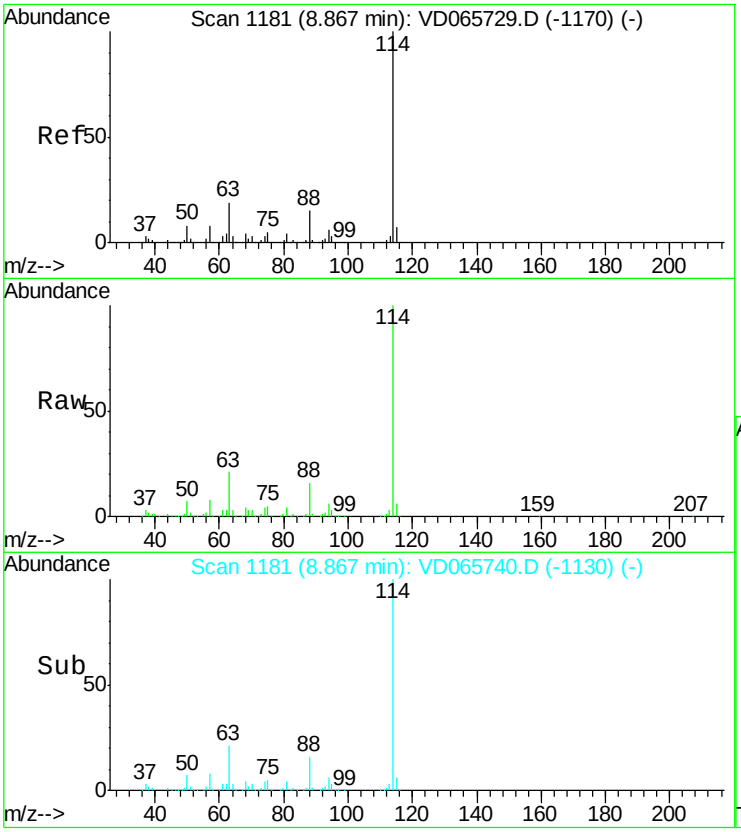


#33
1,2-Dichloroethane-d4
Concen: 51.551 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065740.D
Acq: 14 May 2020 13:55

Tgt Ion: 65 Resp: 130736

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.2



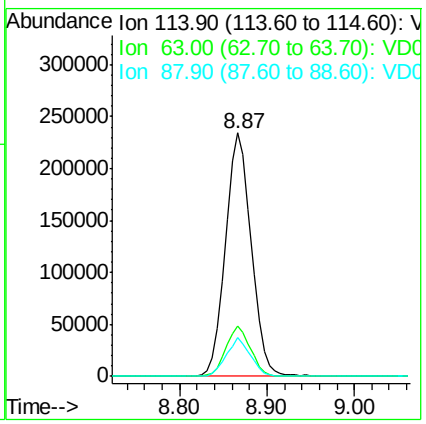


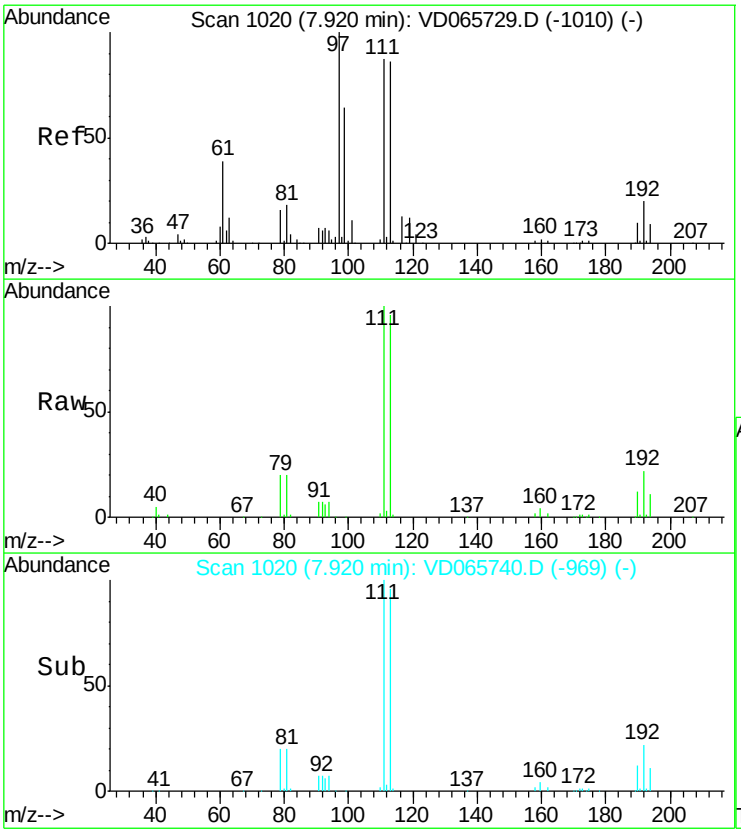
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD065740.D
Acq: 14 May 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
ROLL-OFF-P72-11933

Tgt Ion:114 Resp: 469545

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	37.2
88	15.7	0.0	30.2

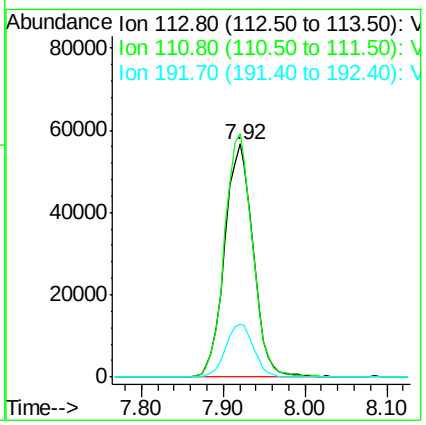


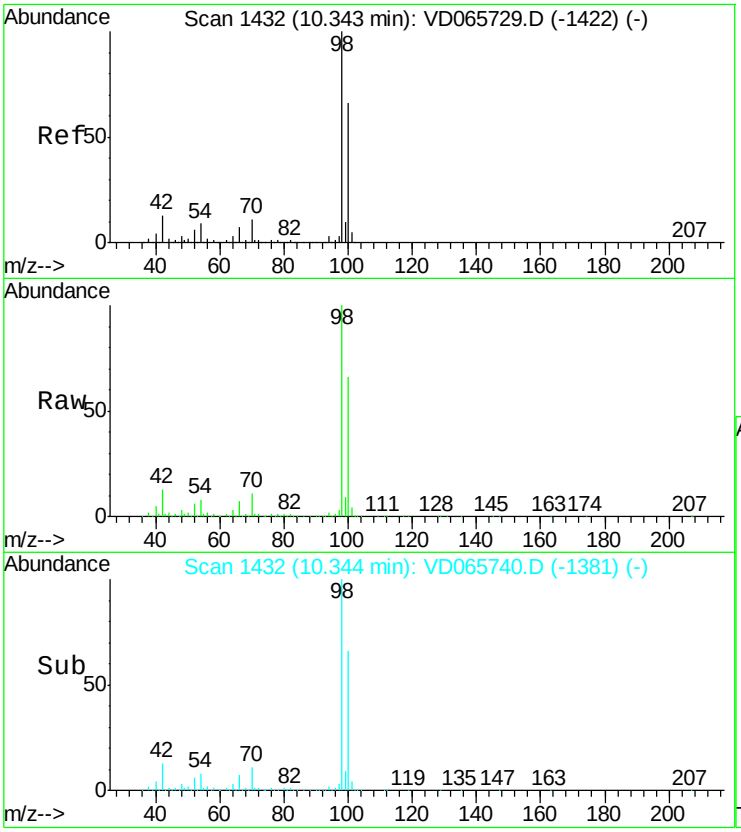


#35
Dibromofluoromethane
Concen: 51.790 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065740.D
Acq: 14 May 2020 13:55

Tgt Ion:113 Resp: 137766

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.1	121.7
192	22.1	17.6	26.4



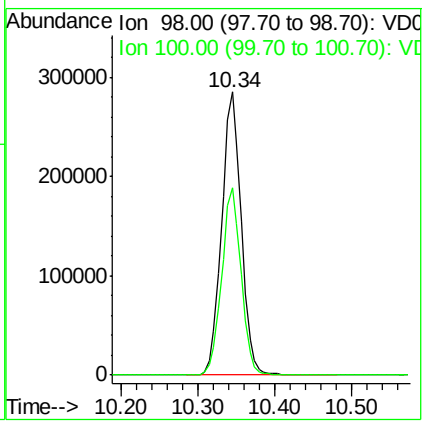


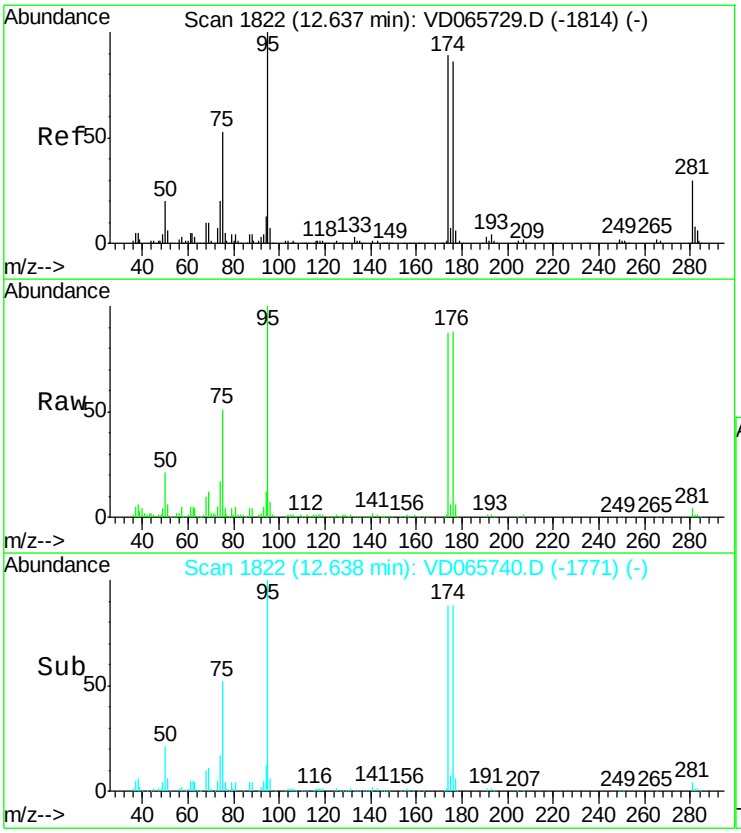
#50
Toluene-d8
Concen: 49.829 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065740.D
Acq: 14 May 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
ROLL-OFF-P72-11933

Tgt Ion: 98 Resp: 504631

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.5	78.7

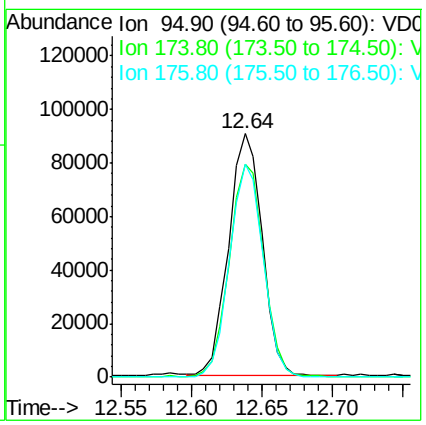


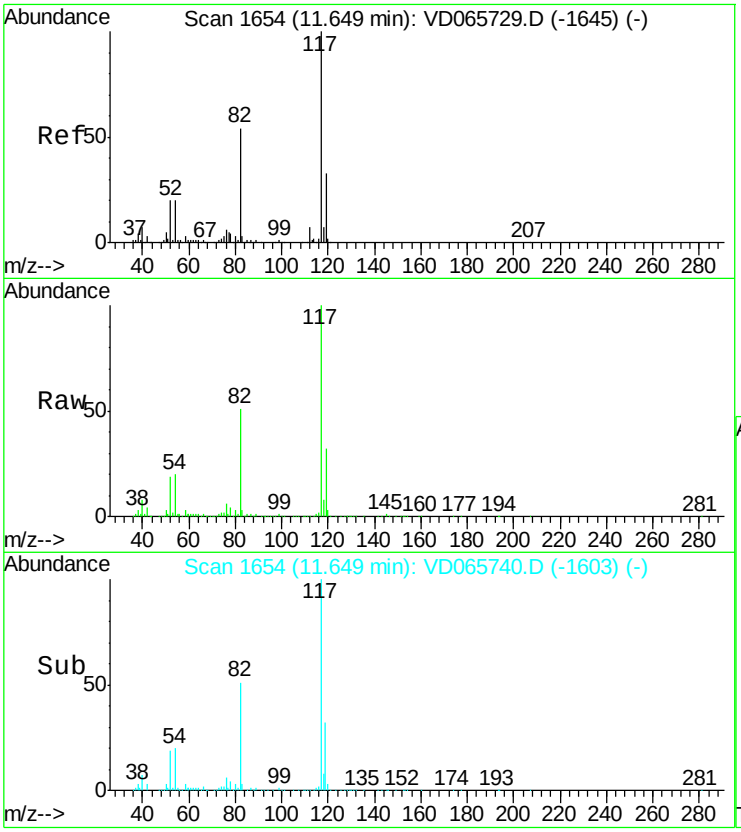


#62
4-Bromofluorobenzene
Concen: 43.960 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065740.D
Acq: 14 May 2020 13:55

Tgt Ion: 95 Resp: 150772

Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	179.4
176	87.3	0.0	174.0



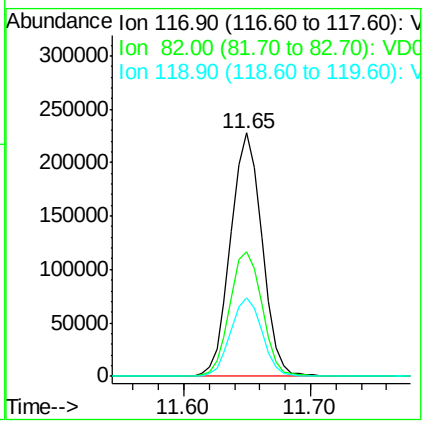


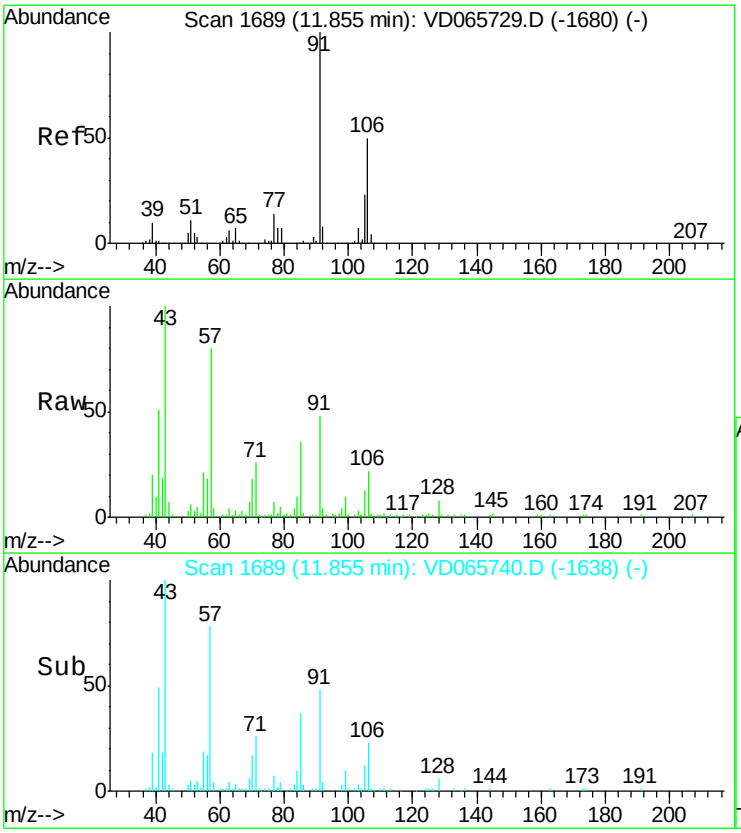
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065740.D
Acq: 14 May 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
ROLL-OFF-P72-11933

Tgt Ion:117 Resp: 389272

Ion	Ratio	Lower	Upper
117	100		
82	51.3	43.0	64.6
119	32.4	26.6	40.0

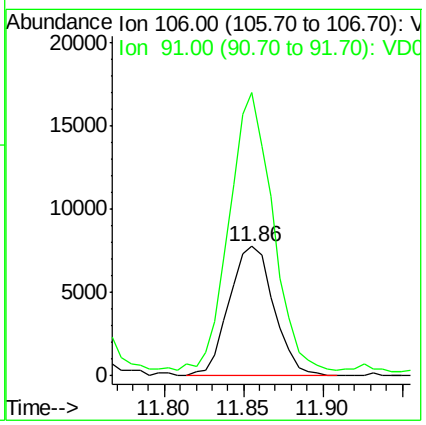


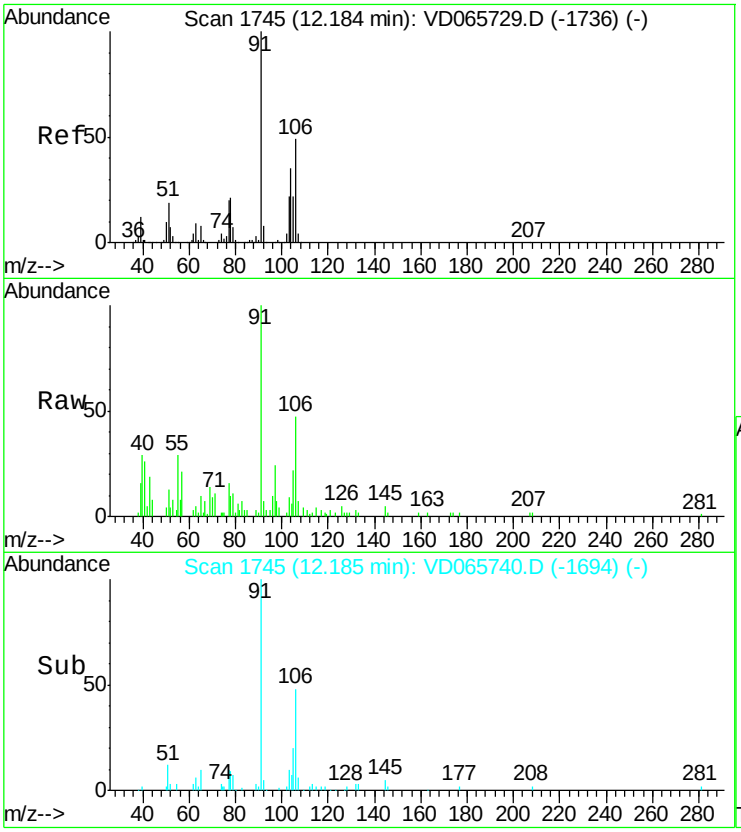


#68
m/p-Xylenes
Concen: 3.053 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD065740.D
Acq: 14 May 2020 13:55

Tgt Ion:106 Resp: 15252

Ion	Ratio	Lower	Upper
106	100		
91	206.9	158.7	238.1



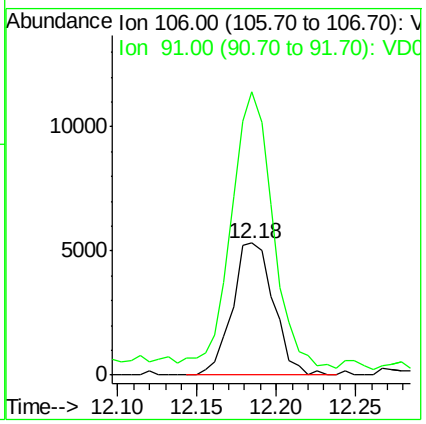


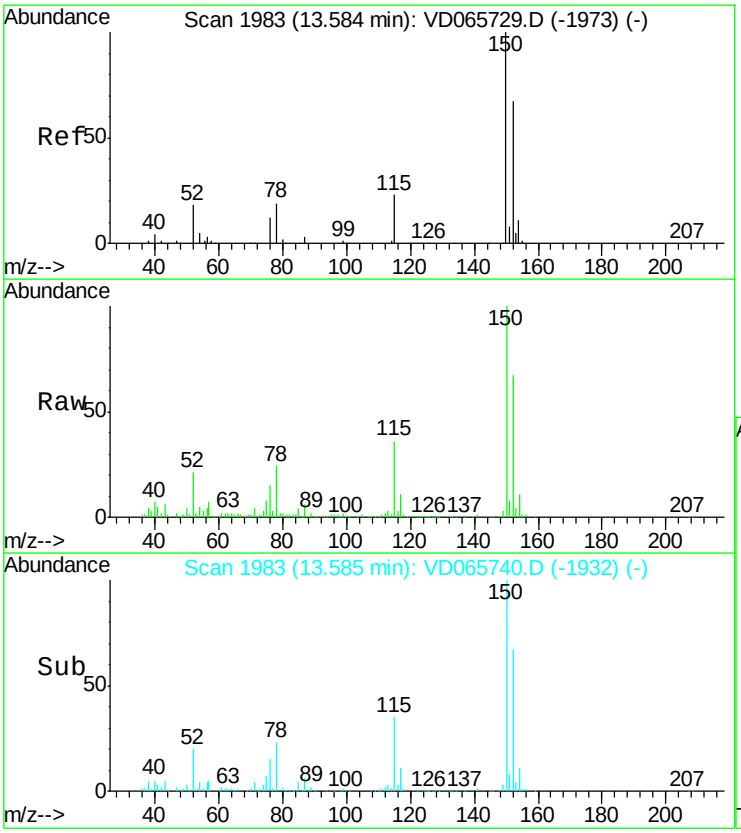
#69
o-Xylene
Concen: 2.061 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065740.D
Acq: 14 May 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
ROLL-OFF-P72-11933

Tgt Ion:106 Resp: 9585

Ion	Ratio	Lower	Upper
106	100		
91	210.7	101.8	305.4

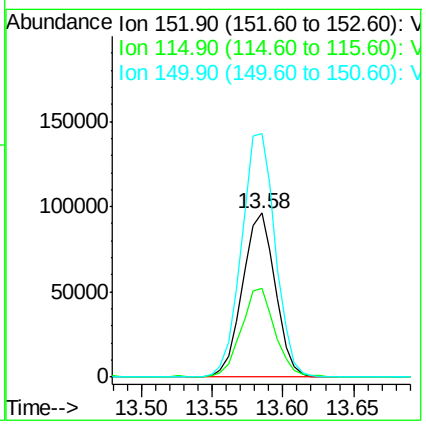


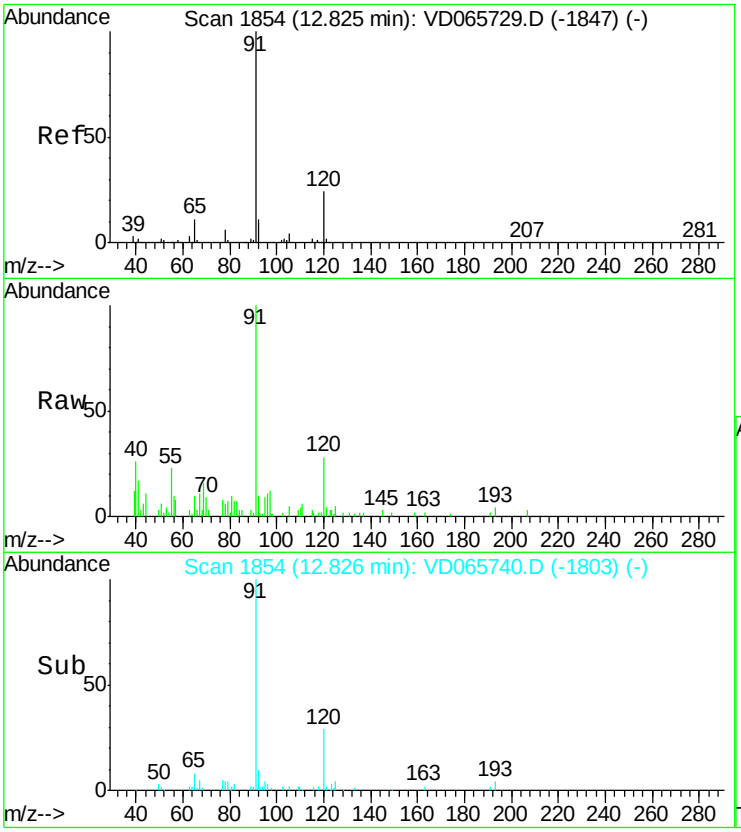


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065740.D
Acq: 14 May 2020 13:55

Tgt Ion:152 Resp: 157265

Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.1	84.3
150	152.7	0.0	343.2



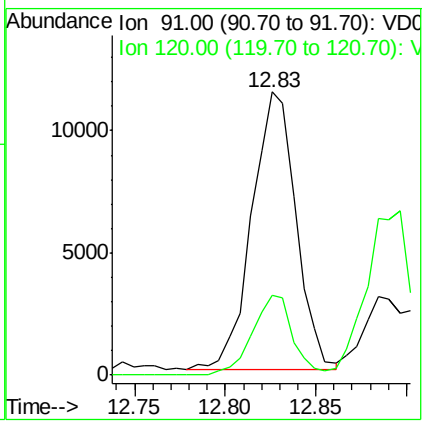


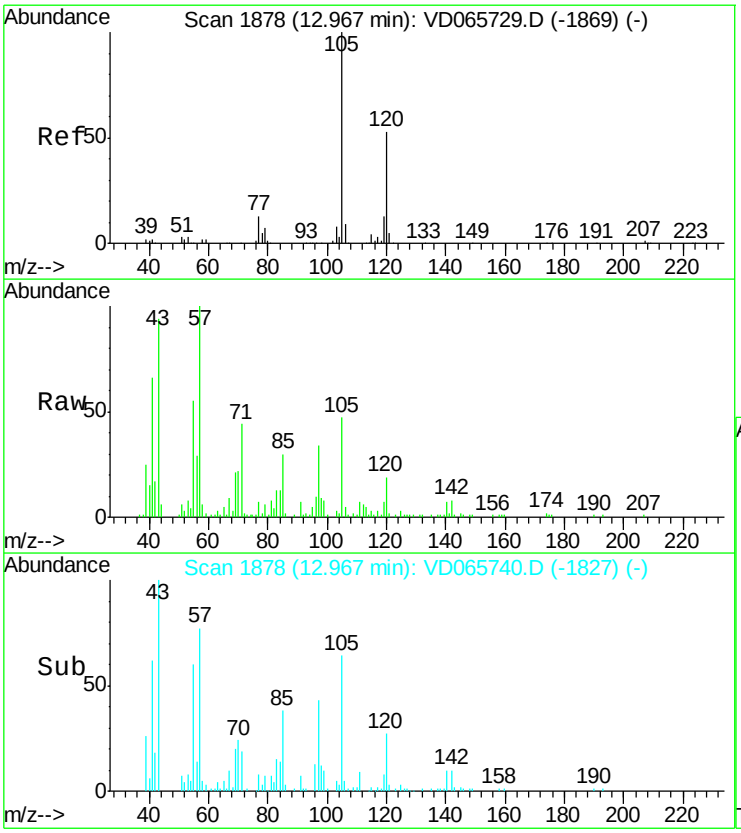
#78
n-propylbenzene
Concen: 1.559 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD065740.D
Acq: 14 May 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
ROLL-OFF-P72-11933

Tgt Ion: 91 Resp: 19229

Ion	Ratio	Lower	Upper
91	100		
120	26.3	11.9	35.5

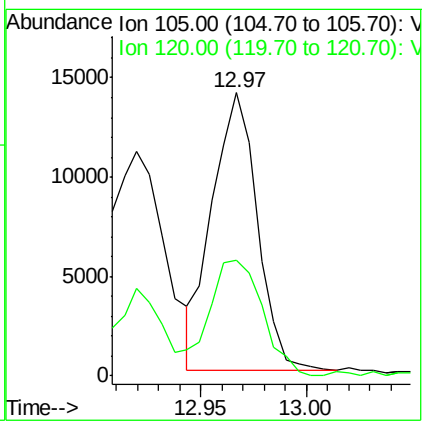


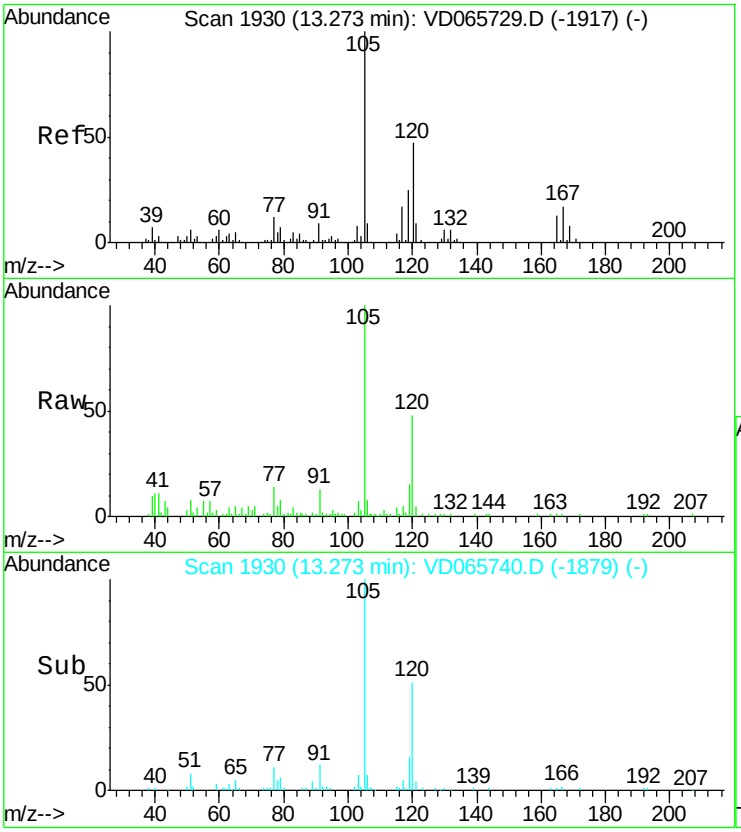


#80
1,3,5-Trimethylbenzene
Concen: 2.377 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD065740.D
Acq: 14 May 2020 13:55

Tgt Ion:105 Resp: 20677

Ion	Ratio	Lower	Upper
105	100		
120	48.2	25.7	77.0



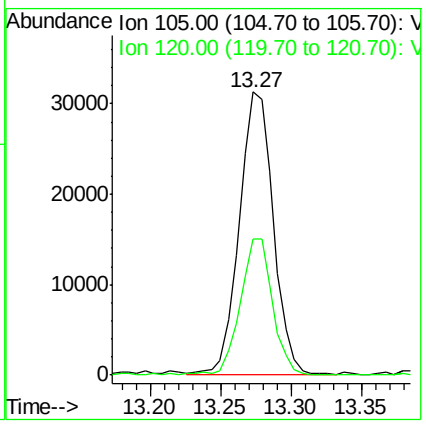


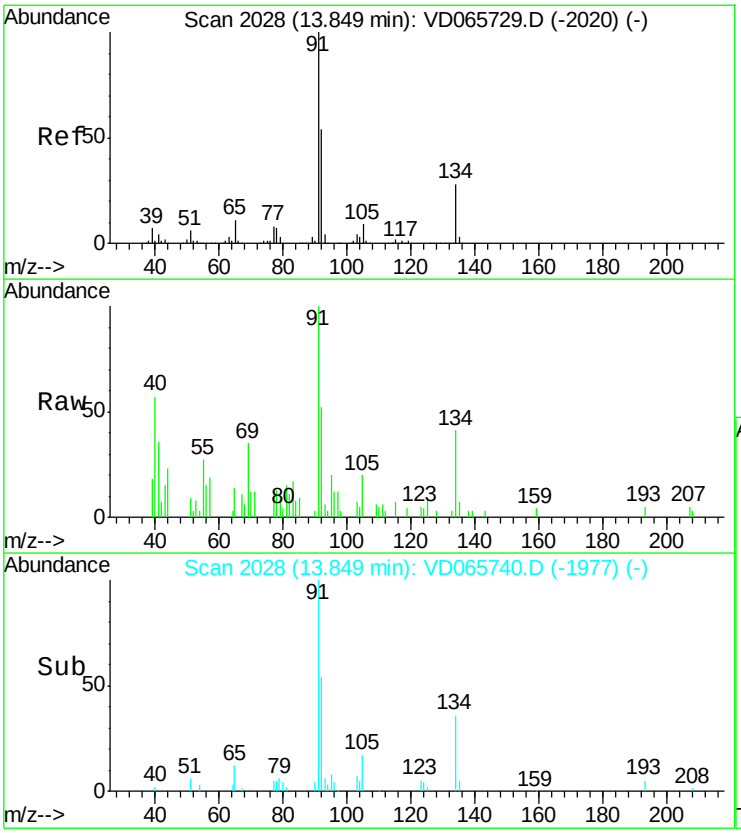
#84
1,2,4-Trimethylbenzene
Concen: 6.195 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD065740.D
Acq: 14 May 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
ROLL-OFF-P72-11933

Tgt Ion:105 Resp: 53144

Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.6	70.8

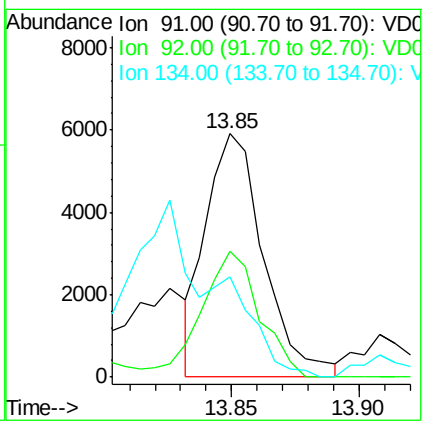


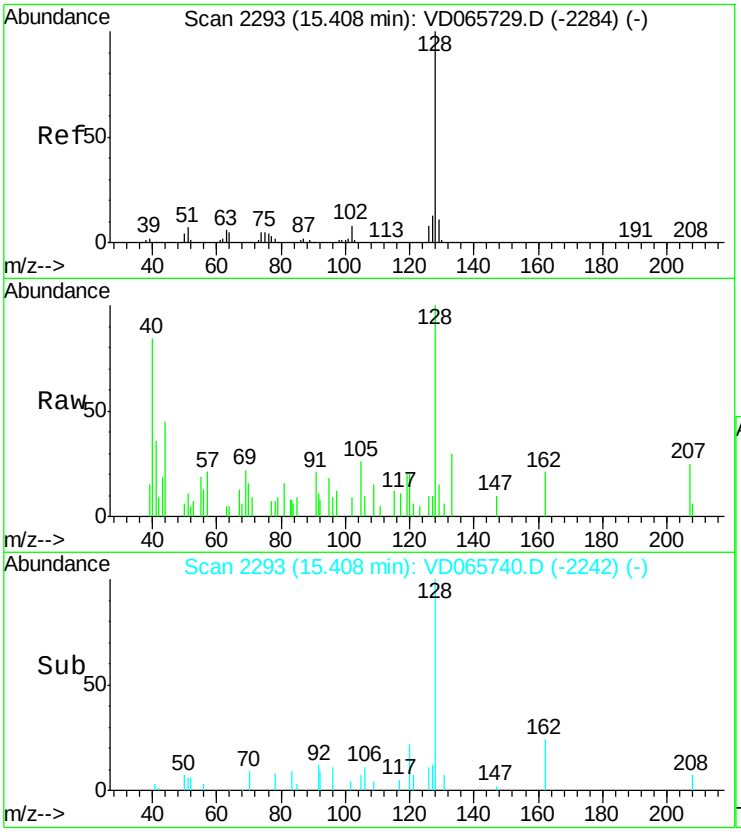


#89
n-Butylbenzene
Concen: 1.027 ug/l m
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065740.D
Acq: 14 May 2020 13:55

Tgt Ion: 91 Resp: 9269

Ion	Ratio	Lower	Upper
91	100		
92	52.5	27.0	81.0
134	0.0	13.9	41.7#





#95
Naphthalene
Concen: 1.163 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD065740.D
Acq: 14 May 2020 13:55

Instrument :
MSVOA_D
ClientSampleId :
ROLL-OFF-P72-11933

Tgt Ion:128 Resp: 6073

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.2
129	14.5	8.8	13.2#