Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051520\
Data File : VD065750.D
Acq On : 15 May 2020 14:08
Operator : VA/SY
Sample : L2503-06
Misc : 7.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OR-02-051420

Quant Time: May 16 04:08:11 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	217637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	348625	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	283316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	97108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	109234	62.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 124.56%			
35) Dibromofluoromethane	7.92	113	110269	55.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.66%			
50) Toluene-d8	10.34	98	372625	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.12%			
62) 4-Bromofluorobenzene	12.64	95	110240	43.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.58%			
Target Compounds						Qvalue
16) Acetone	4.16	43	18385	51.106	ug/l	92
39) Methylcyclohexane	9.36	83	15889	4.095	ug/l	96
52) Toluene	10.41	92	78740	14.437	ug/l	99
67) Ethyl Benzene	11.75	91	21343	2.242	ug/l	97
68) m/p-Xylenes	11.85	106	40255	11.072	ug/l	99
69) o-Xylene	12.18	106	13216	3.905	ug/l	92
80) 1,3,5-Trimethylbenzene	12.96	105	5888	1.096	ug/l	92
84) 1,2,4-Trimethylbenzene	13.28	105	11670	2.203	ug/l	96
95) Naphthalene	15.41	128	61302	19.005	ug/l	99

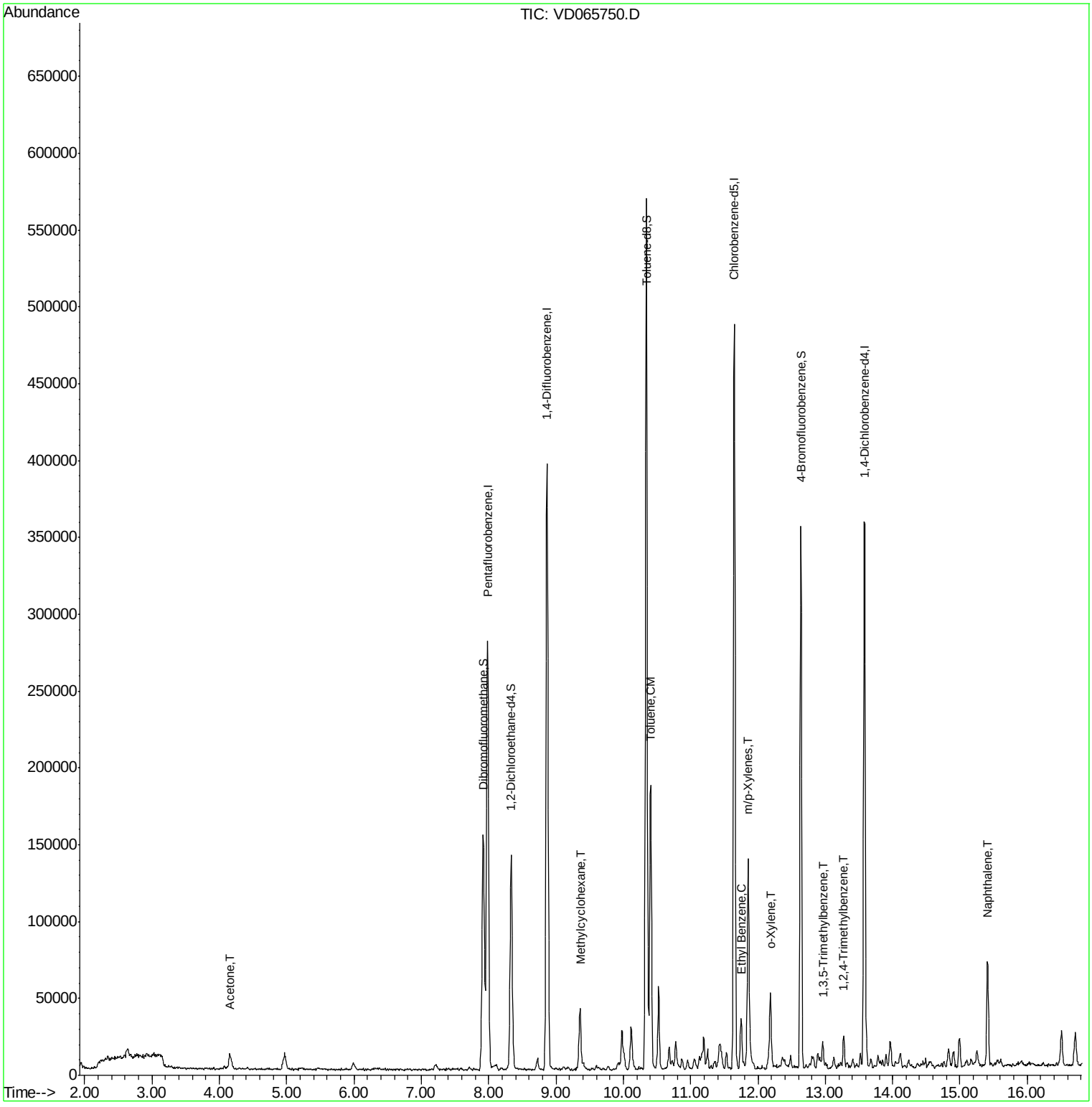
(#) = qualifier out of range (m) = manual integration (+) = signals summed

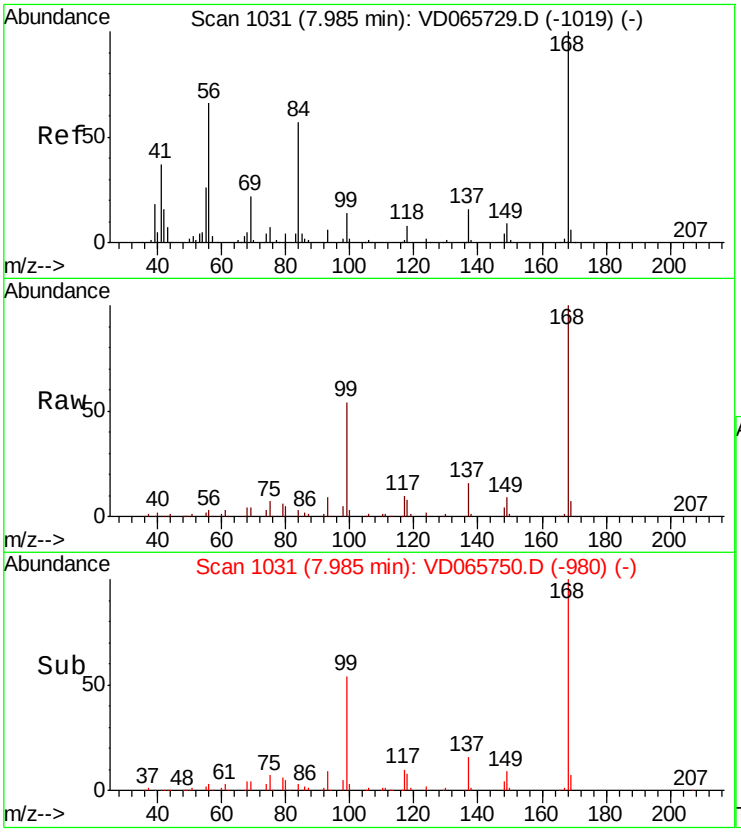
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051520\
Data File : VD065750.D
Acq On : 15 May 2020 14:08
Operator : VA/SY
Sample : L2503-06
Misc : 7.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OR-02-051420

Quant Time: May 16 04:08:11 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



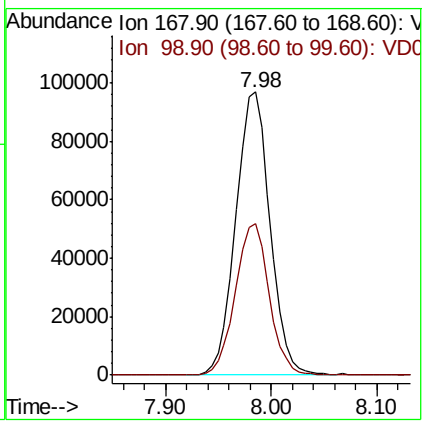


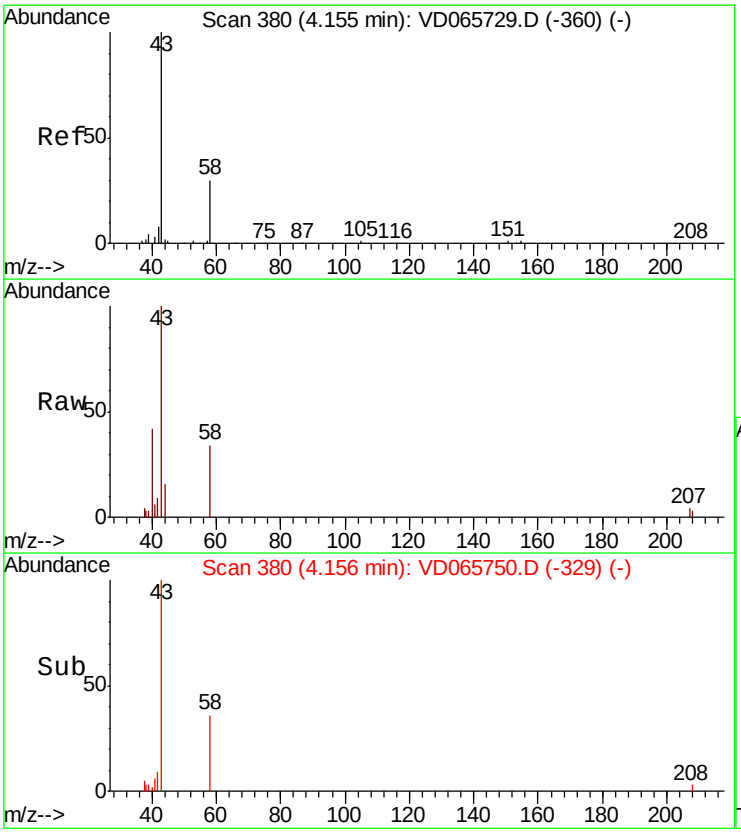
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065750.D
Acq: 15 May 2020 14:08

Instrument : MSVOA_D
ClientSampleId : OR-02-051420

Tgt Ion:168 Resp: 217637

Ion	Ratio	Lower	Upper
168	100		
99	53.6	40.6	60.8

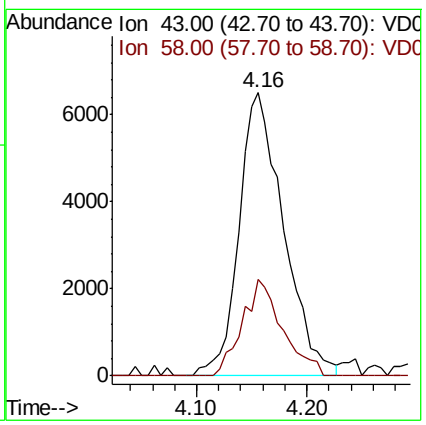


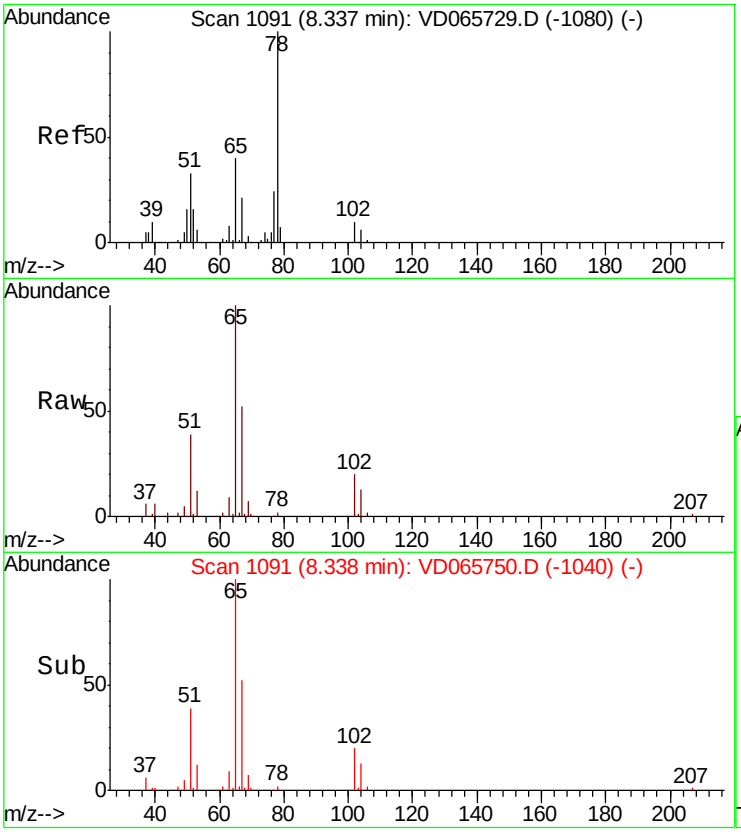


#16
Acetone
Concen: 51.106 ug/l
RT: 4.16 min Scan# 380
Delta R.T. 0.00 min
Lab File: VD065750.D
Acq: 15 May 2020 14:08

Tgt Ion: 43 Resp: 18385

Ion	Ratio	Lower	Upper
43	100		
58	34.0	23.7	35.5



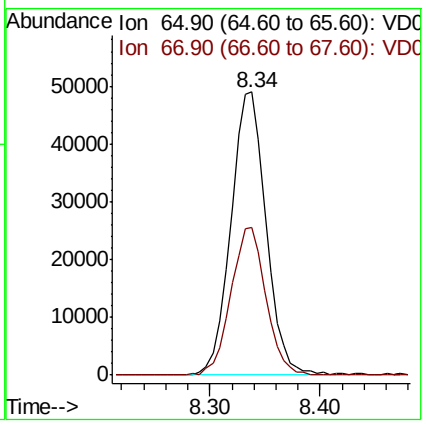


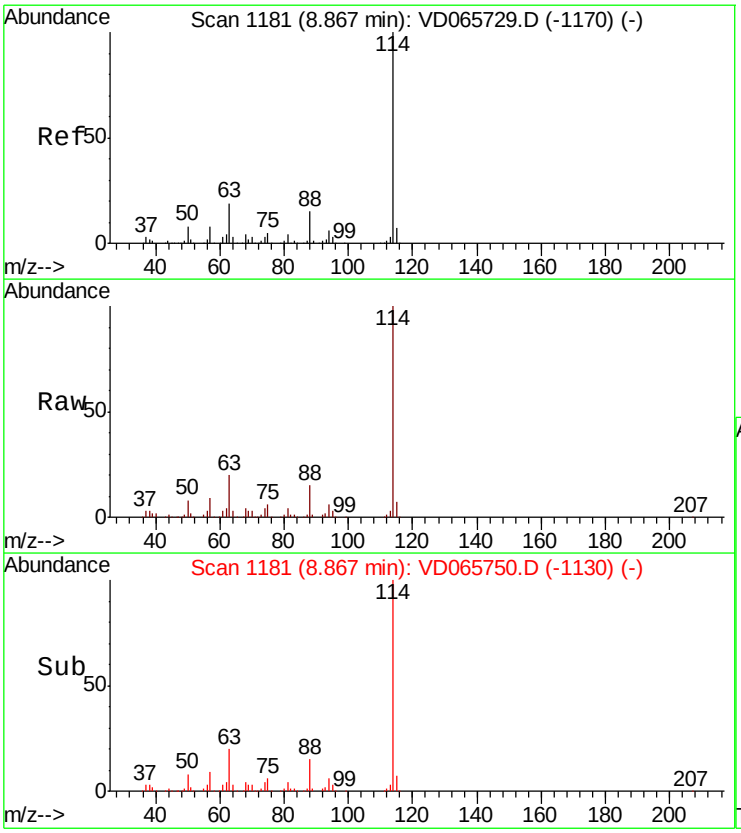
#33
1,2-Dichloroethane-d4
Concen: 62.283 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD065750.D
Acq: 15 May 2020 14:08

Instrument : MSVOA_D
ClientSampleId : OR-02-051420

Tgt Ion: 65 Resp: 109234

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	106.2

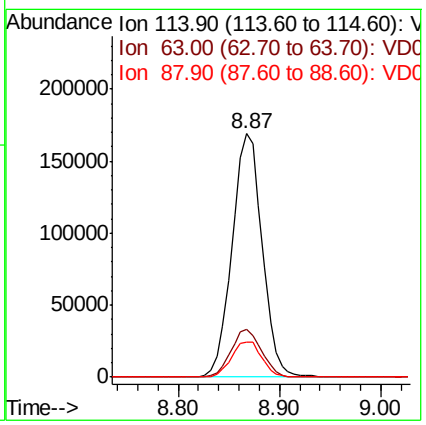


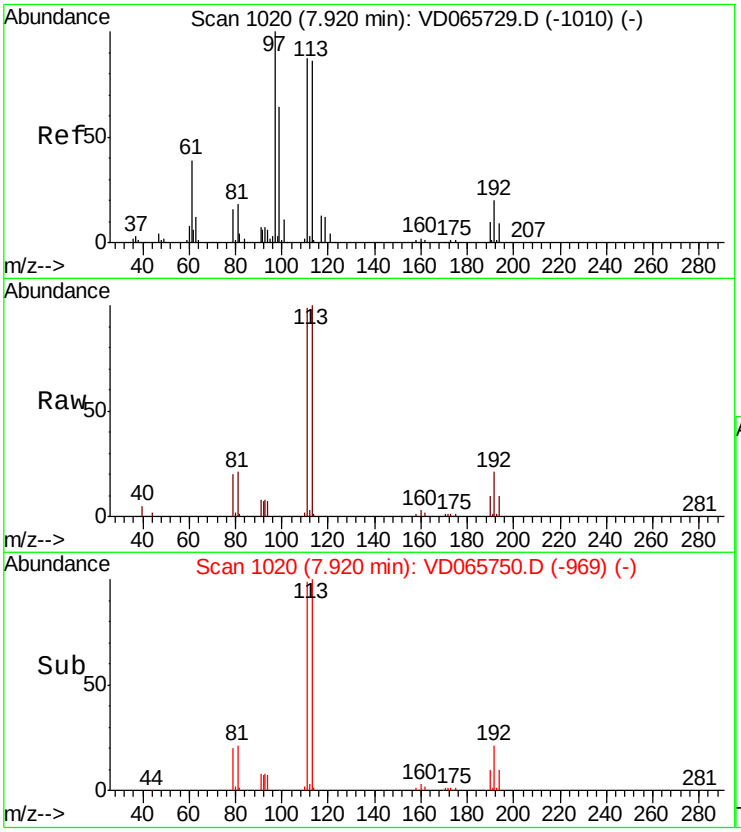


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD065750.D
Acq: 15 May 2020 14:08

Tgt Ion:114 Resp: 348625

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	37.2
88	14.5	0.0	30.2



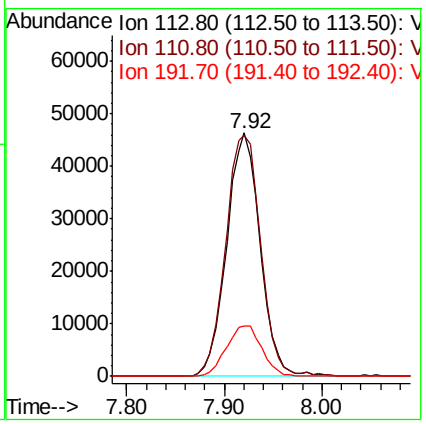


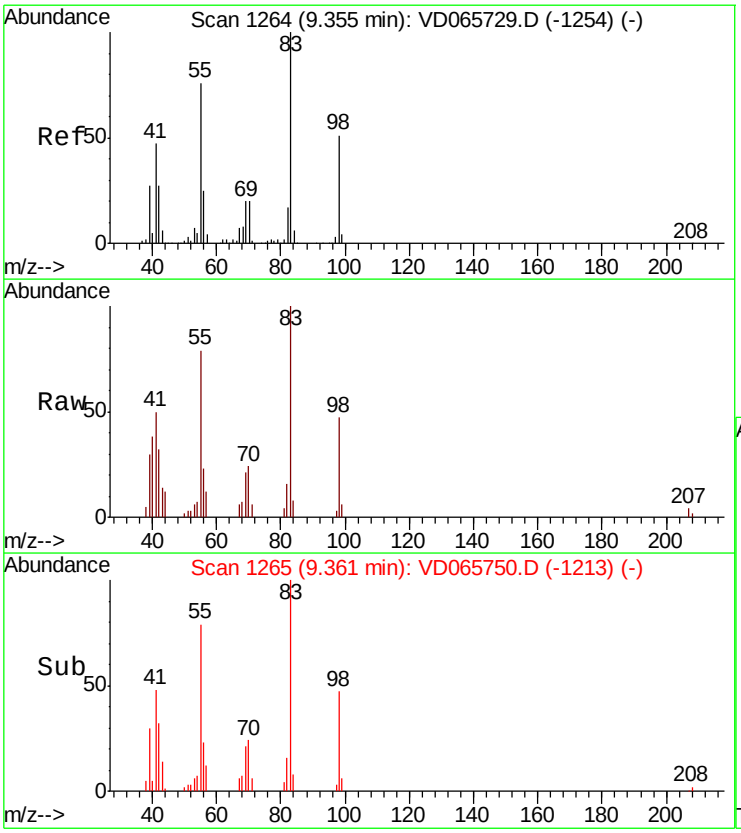
#35
Dibromofluoromethane
Concen: 55.831 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065750.D
Acq: 15 May 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
OR-02-051420

Tgt Ion:113 Resp: 110269

Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.1	121.7
192	21.9	17.6	26.4

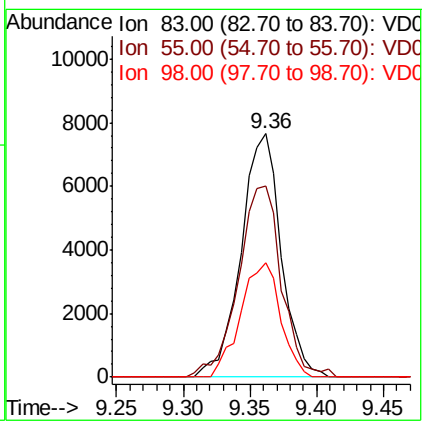


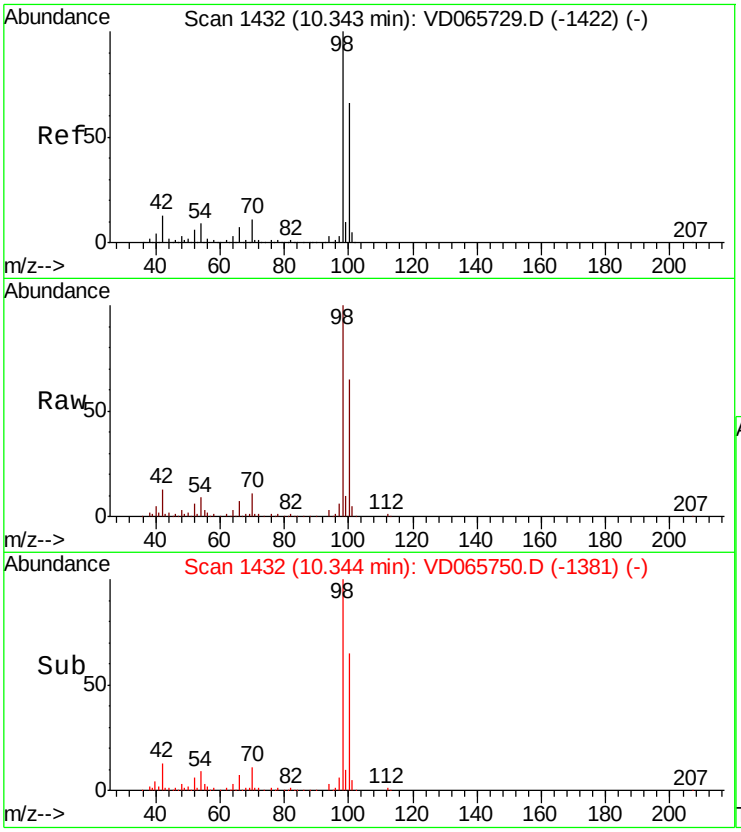


#39
Methylcyclohexane
Concen: 4.095 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD065750.D
Acq: 15 May 2020 14:08

Tgt Ion: 83 Resp: 15889

Ion	Ratio	Lower	Upper
83	100		
55	78.7	60.9	91.3
98	47.0	40.6	61.0



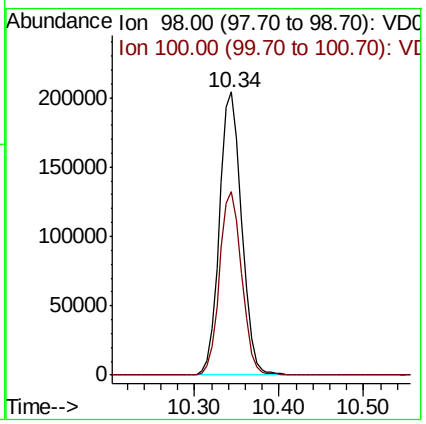


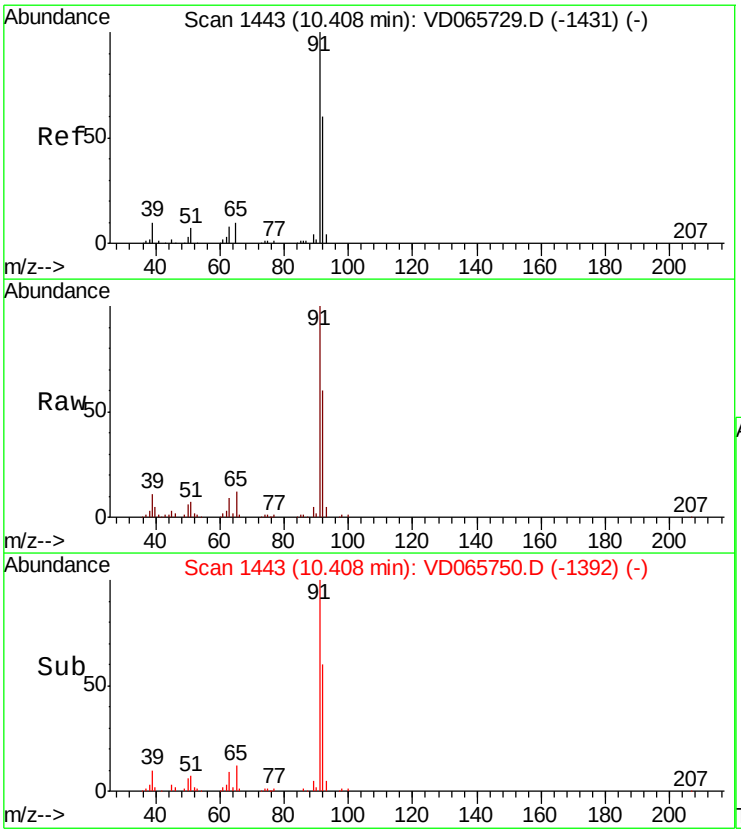
#50
Toluene-d8
Concen: 49.556 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065750.D
Acq: 15 May 2020 14:08

Instrument : MSVOA_D
ClientSampleId : OR-02-051420

Tgt Ion: 98 Resp: 372625

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.5	78.7

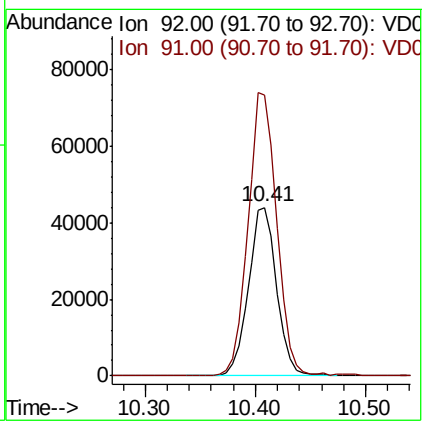


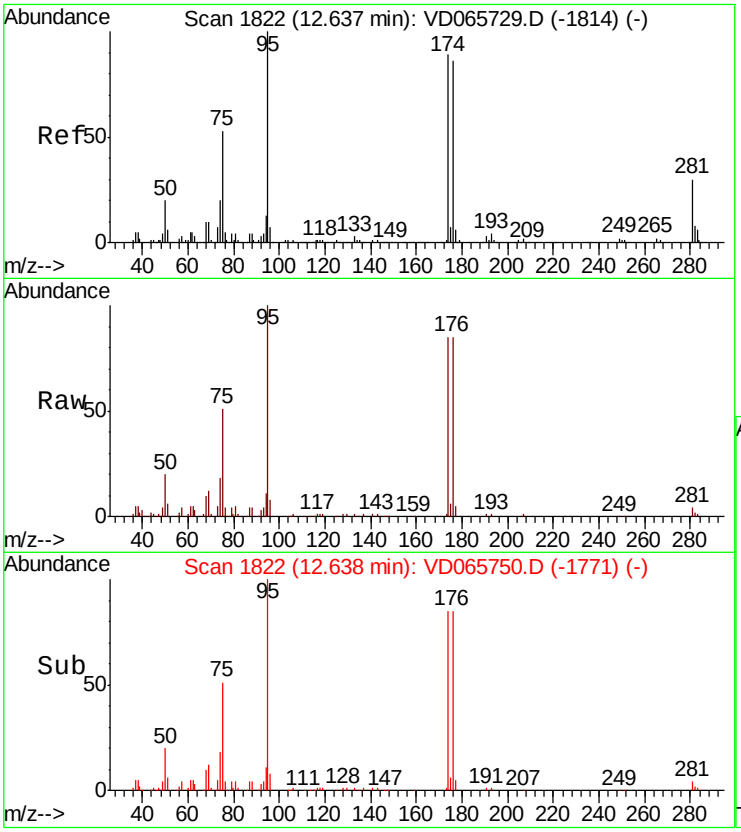


#52
Toluene
Concen: 14.437 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD065750.D
Acq: 15 May 2020 14:08

Tgt Ion: 92 Resp: 78740

Ion	Ratio	Lower	Upper
92	100		
91	171.6	136.6	205.0



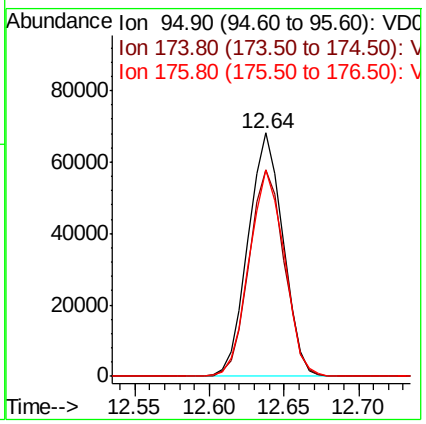


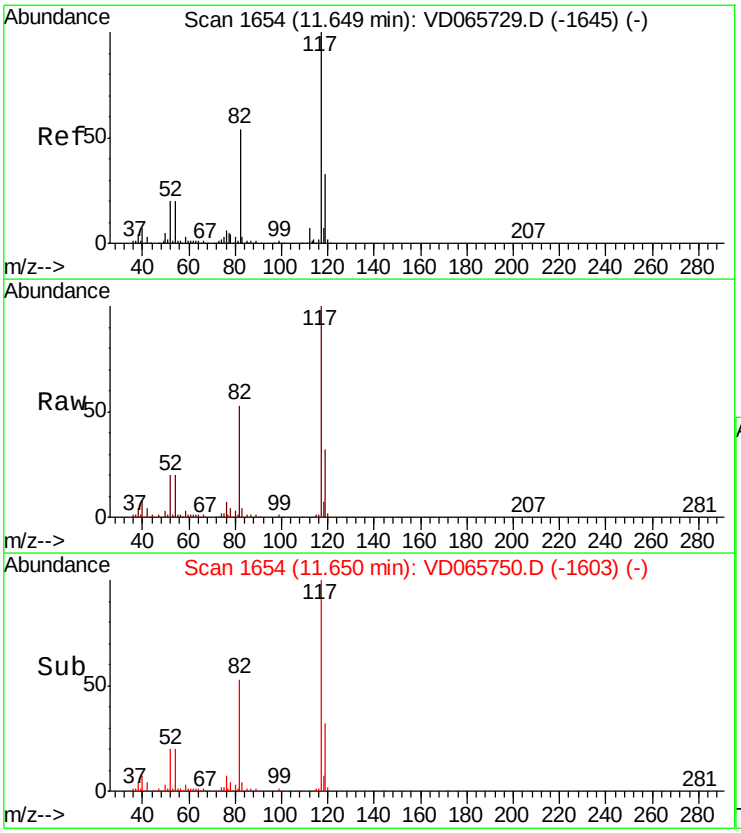
#62
4-Bromofluorobenzene
Concen: 43.291 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065750.D
Acq: 15 May 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
OR-02-051420

Tgt Ion: 95 Resp: 110240

Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	179.4
176	85.3	0.0	174.0

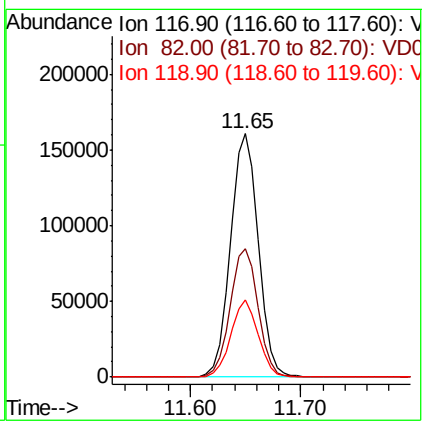


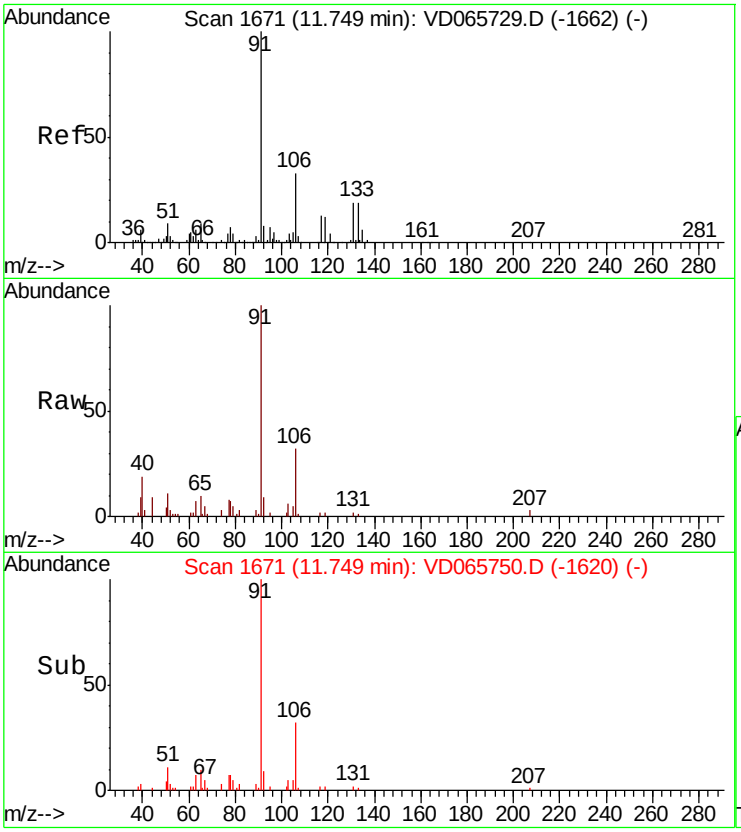


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065750.D
Acq: 15 May 2020 14:08

Tgt Ion:117 Resp: 283316

Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.0	64.6
119	32.0	26.6	40.0



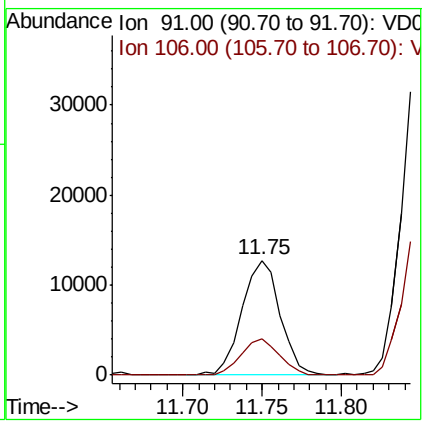


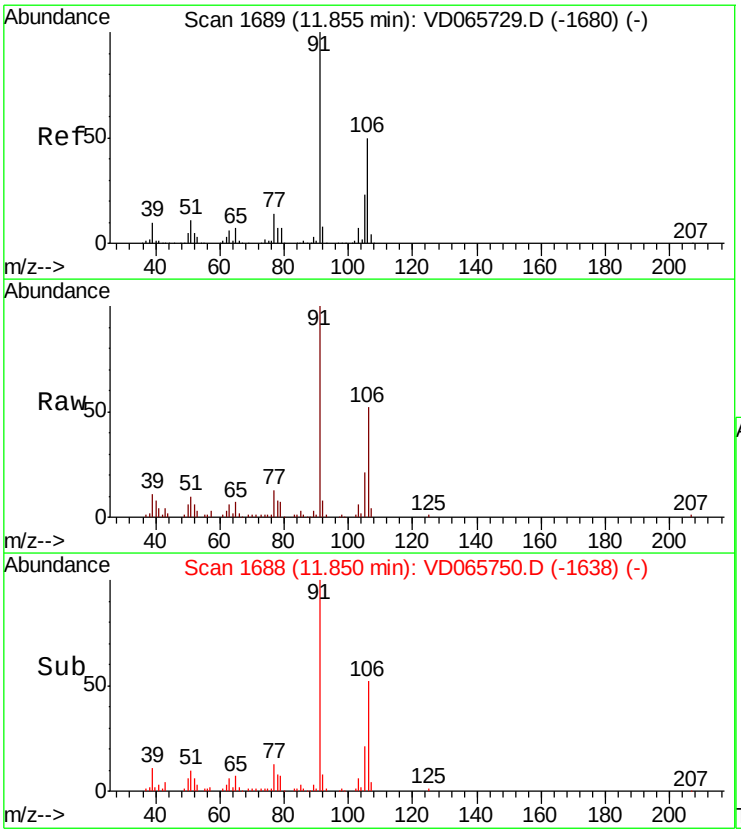
#67
Ethyl Benzene
Concen: 2.242 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065750.D
Acq: 15 May 2020 14:08

Instrument : MSVOA_D
ClientSampleId : OR-02-051420

Tgt Ion: 91 Resp: 21343

Ion	Ratio	Lower	Upper
91	100		
106	31.8	26.6	40.0

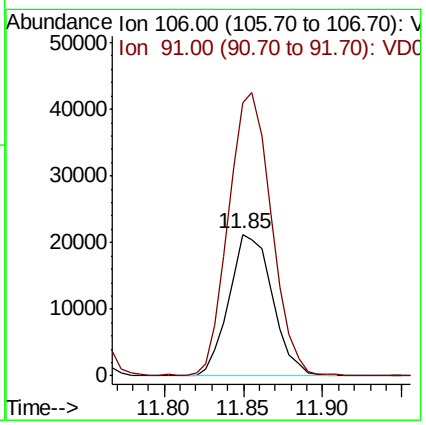


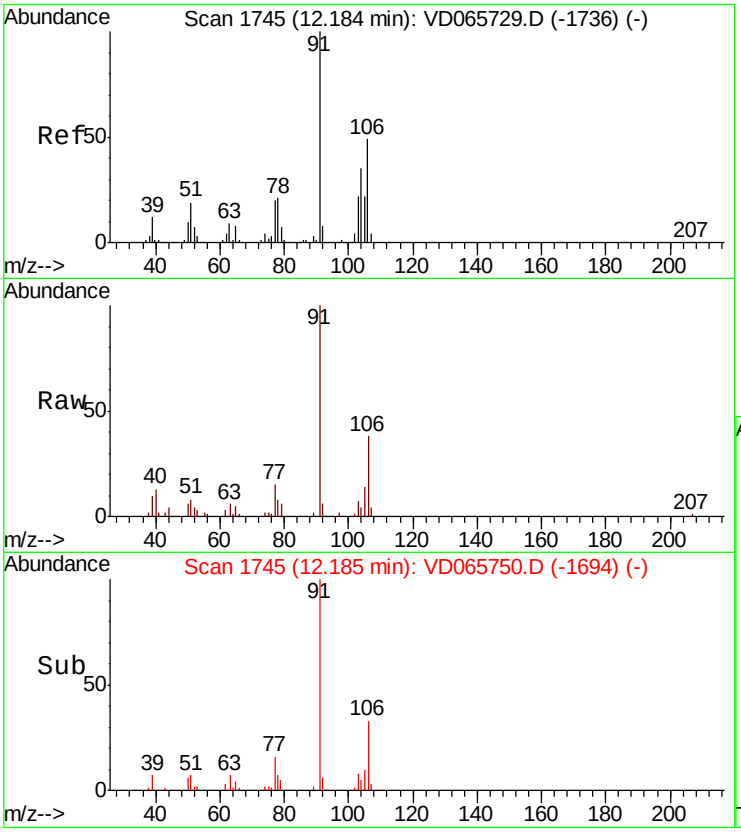


#68
m/p-Xylenes
Concen: 11.072 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD065750.D
Acq: 15 May 2020 14:08

Tgt Ion:106 Resp: 40255

Ion	Ratio	Lower	Upper
106	100		
91	199.2	158.7	238.1



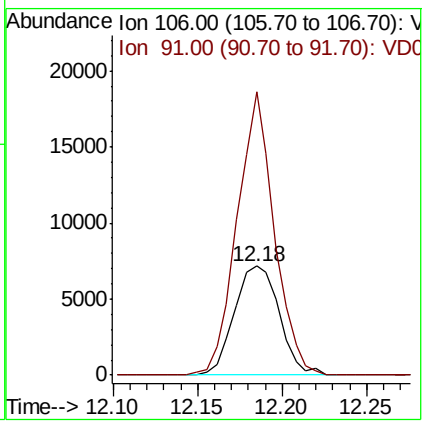


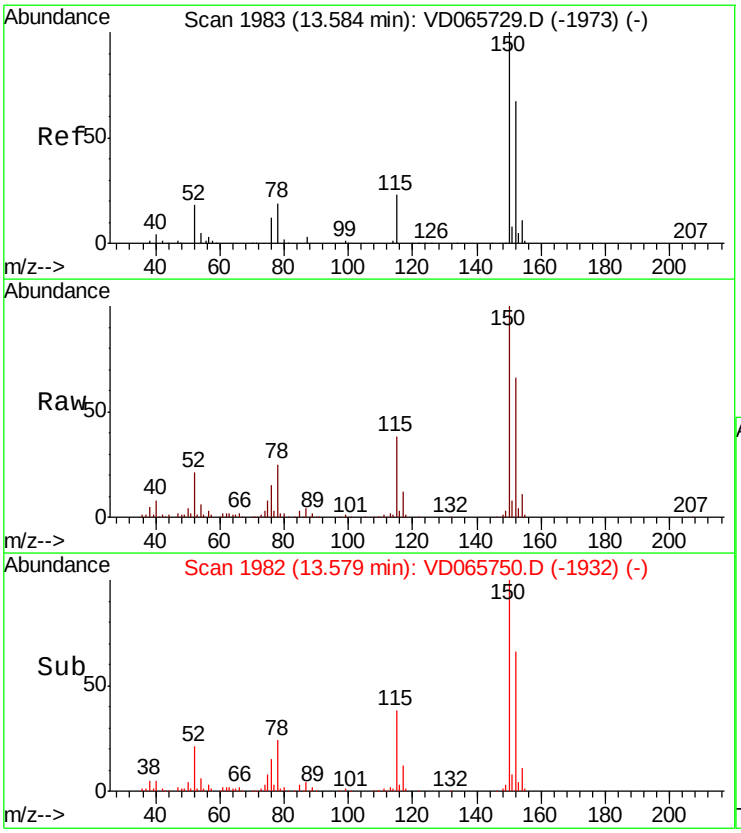
#69
o-Xylene
Concen: 3.905 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065750.D
Acq: 15 May 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
OR-02-051420

Tgt Ion:106 Resp: 13216

Ion	Ratio	Lower	Upper
106	100		
91	215.4	101.8	305.4

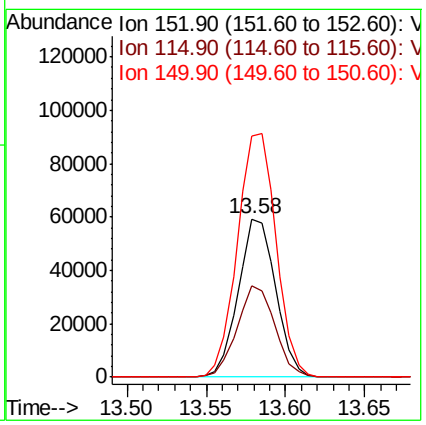


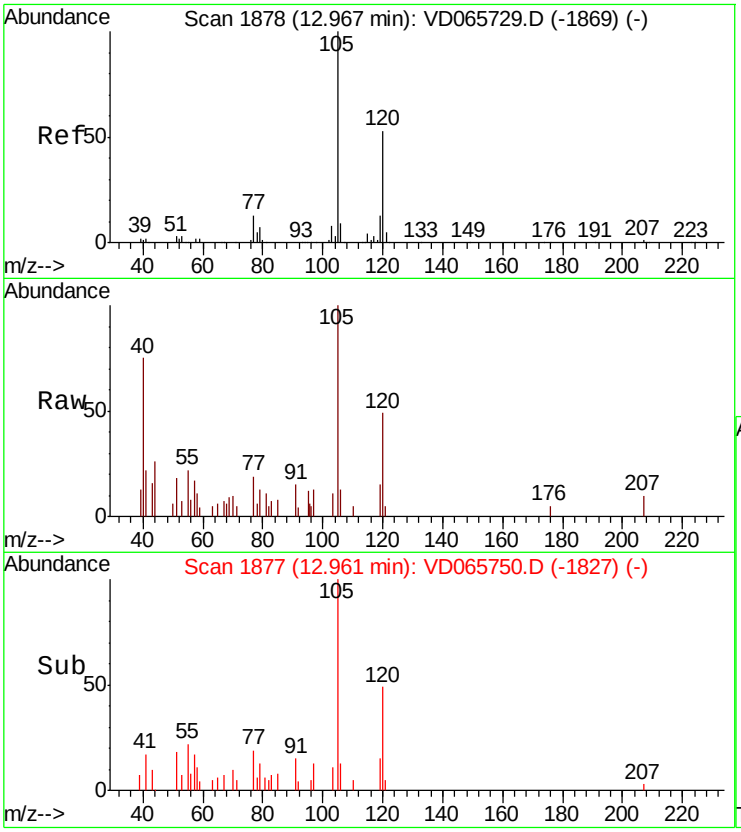


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD065750.D
Acq: 15 May 2020 14:08

Tgt Ion:152 Resp: 97108

Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.1	84.3
150	159.3	0.0	343.2



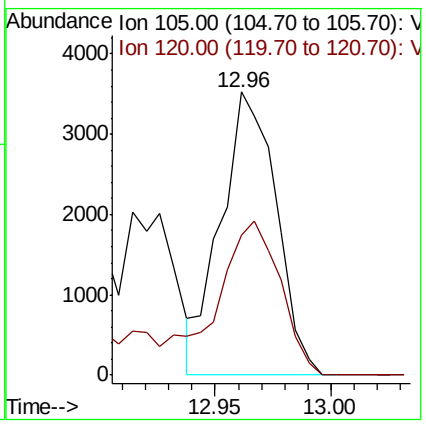


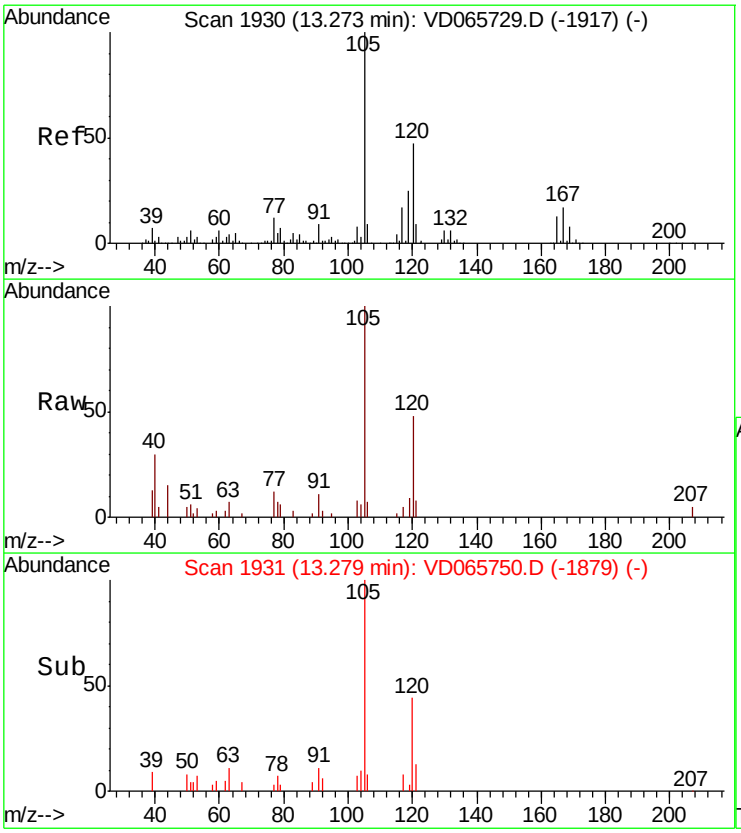
#80
1,3,5-Trimethylbenzene
Concen: 1.096 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.01 min
Lab File: VD065750.D
Acq: 15 May 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
OR-02-051420

Tgt Ion:105 Resp: 5888

Ion	Ratio	Lower	Upper
105	100		
120	57.2	25.7	77.0

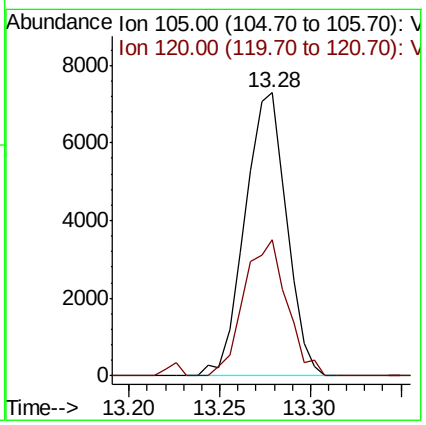


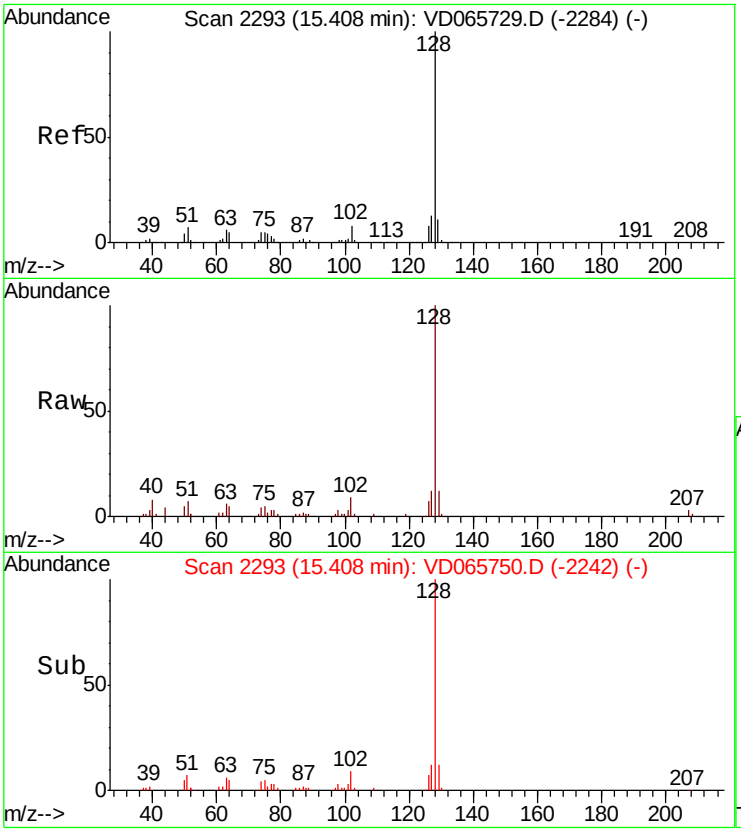


#84
1,2,4-Trimethylbenzene
Concen: 2.203 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.01 min
Lab File: VD065750.D
Acq: 15 May 2020 14:08

Tgt Ion:105 Resp: 11670

Ion	Ratio	Lower	Upper
105	100		
120	49.6	23.6	70.8





#95
Naphthalene
Concen: 19.005 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD065750.D
Acq: 15 May 2020 14:08

Instrument :
MSVOA_D
ClientSampleId :
OR-02-051420

Tgt Ion:128 Resp: 61302

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.7	8.8	13.2