Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD070120\
Data File : VD065904.D
Acq On : 01 Jul 2020 14:13
Operator : VA/SY
Sample : L3160-01
Misc : 8.11G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : MUDDY-DRUM

Quant Time: Jul 02 05:14:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 19:16:07 2020
Response via : Initial Calibration

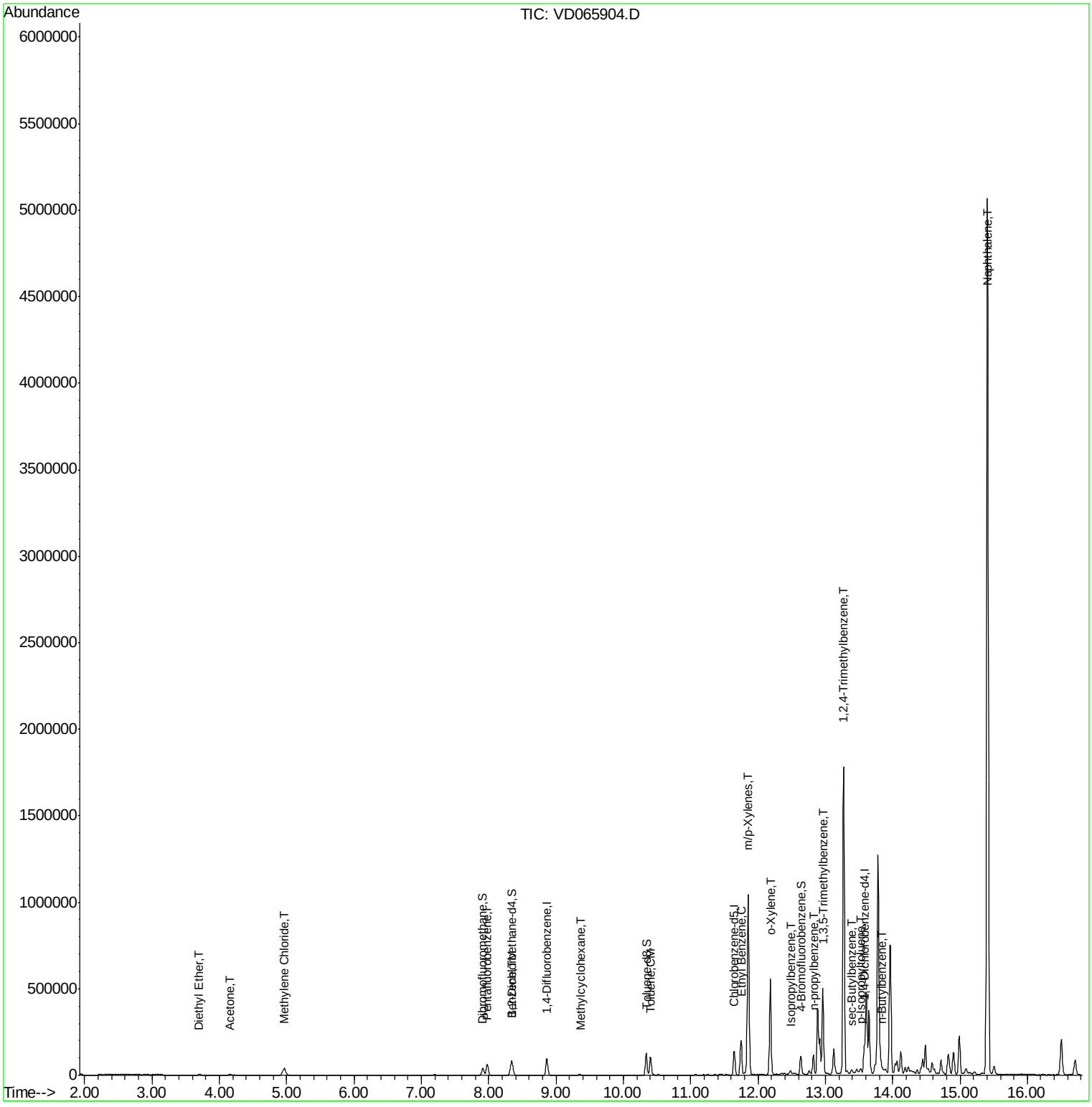
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	42685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	79753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	77242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	39419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	34942	78.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 157.58%			
35) Dibromofluoromethane	7.91	113	26314	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.76%			
50) Toluene-d8	10.34	98	83038	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.56%			
62) 4-Bromofluorobenzene	12.64	95	34986	57.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.18%			
Target Compounds						Qvalue
8) Diethyl Ether	3.70	74	1770	8.488	ug/l	99
16) Acetone	4.16	43	4927	56.707	ug/l #	85
20) Methylene Chloride	4.96	84	28314	63.991	ug/l	94
39) Methylcyclohexane	9.37	83	1150	1.245	ug/l #	53
40) Benzene	8.36	78	55138	25.556	ug/l	97
52) Toluene	10.40	92	44244	31.541	ug/l	98
67) Ethyl Benzene	11.75	91	141320	49.663	ug/l	96
68) m/p-Xylenes	11.86	106	323788	298.858	ug/l	100
69) o-Xylene	12.18	106	144364	148.280	ug/l	99
73) Isopropylbenzene	12.48	105	12488	4.423	ug/l	96
78) n-propylbenzene	12.83	91	86604	25.461	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	264109	111.902	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	931860	400.808	ug/l	100
85) sec-Butylbenzene	13.40	105	5160m	1.823	ug/l	
86) p-Isopropyltoluene	13.52	119	6916	2.690	ug/l #	61
89) n-Butylbenzene	13.85	91	13840	5.521	ug/l #	71
95) Naphthalene	15.41	128	4223611	3434.568	ug/l	100

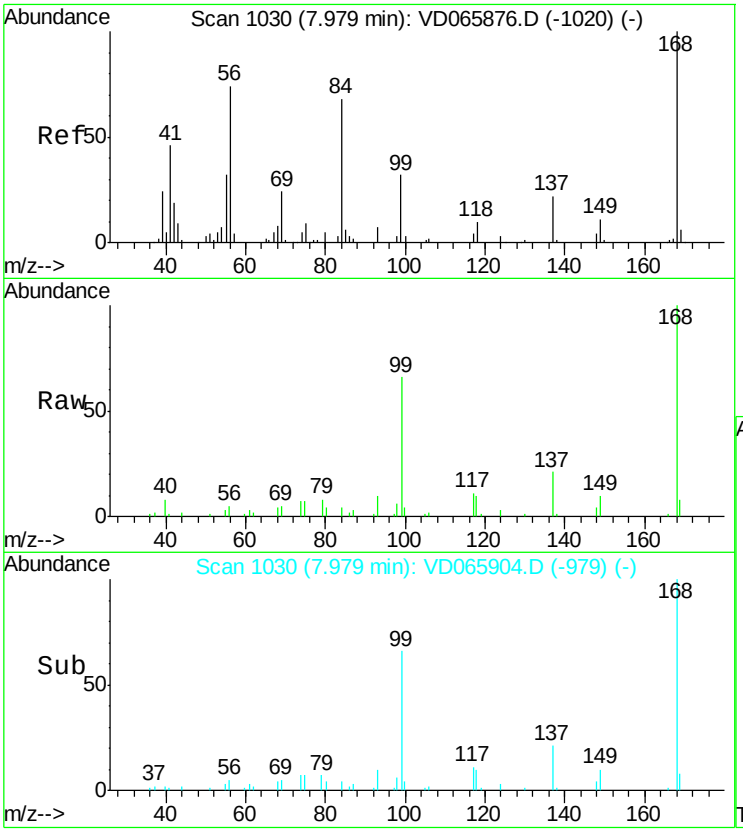
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070120\
Data File : VD065904.D
Acq On : 01 Jul 2020 14:13
Operator : VA/SY
Sample : L3160-01
Misc : 8.11G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Quant Time: Jul 02 05:14:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 19:16:07 2020
Response via : Initial Calibration



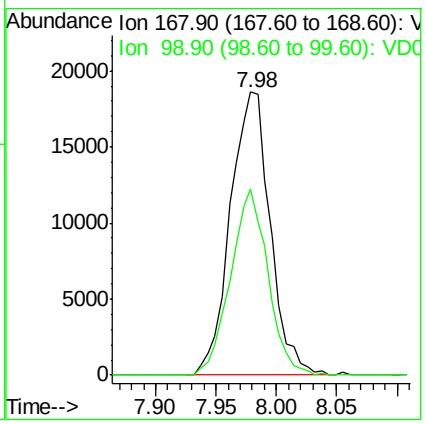


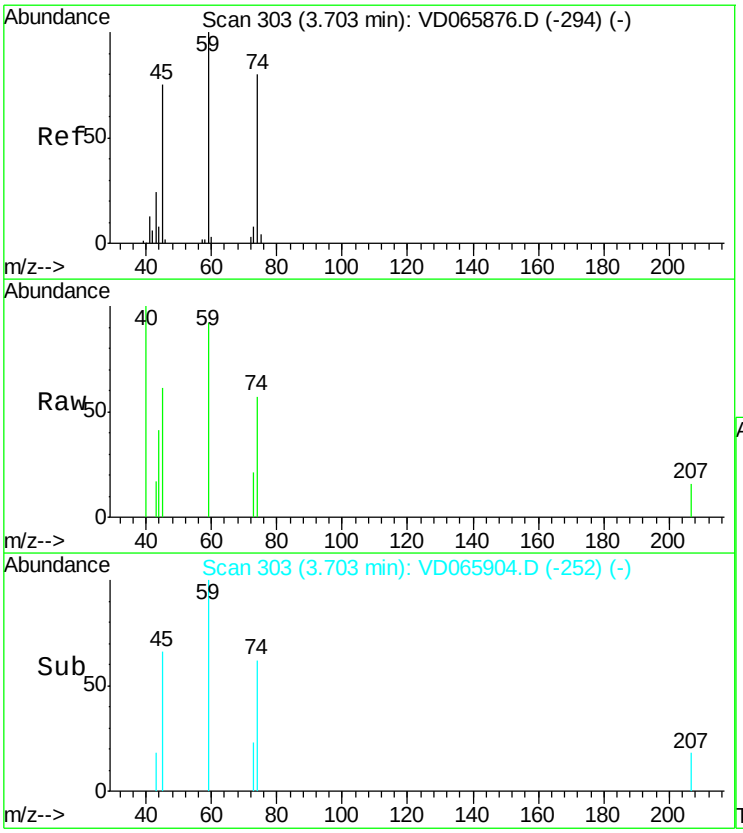
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Tgt Ion:168 Resp: 42685

Ion	Ratio	Lower	Upper
168	100		
99	65.6	51.3	76.9

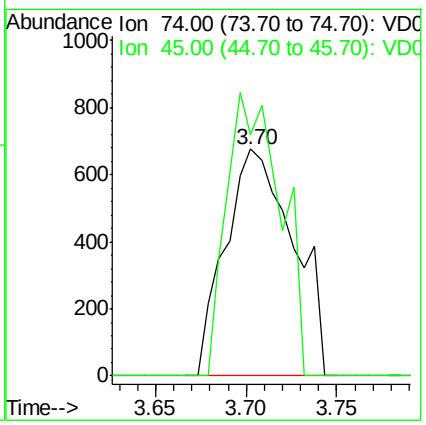


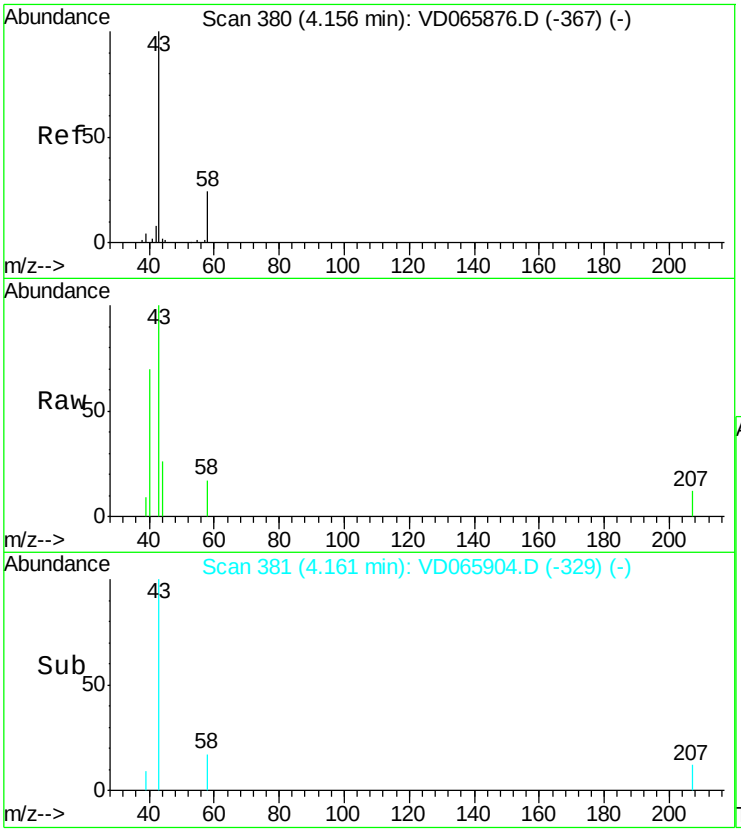


#8
Diethyl Ether
Concen: 8.488 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.00 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Tgt Ion: 74 Resp: 1770

Ion	Ratio	Lower	Upper
74	100		
45	98.3	48.6	145.8



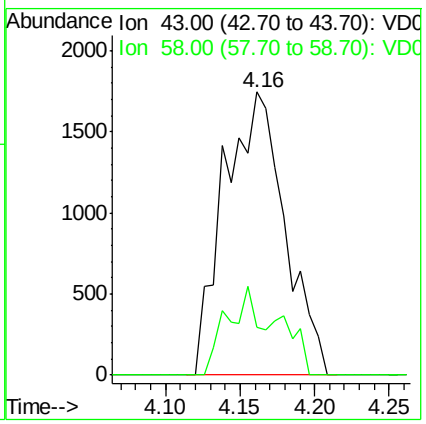


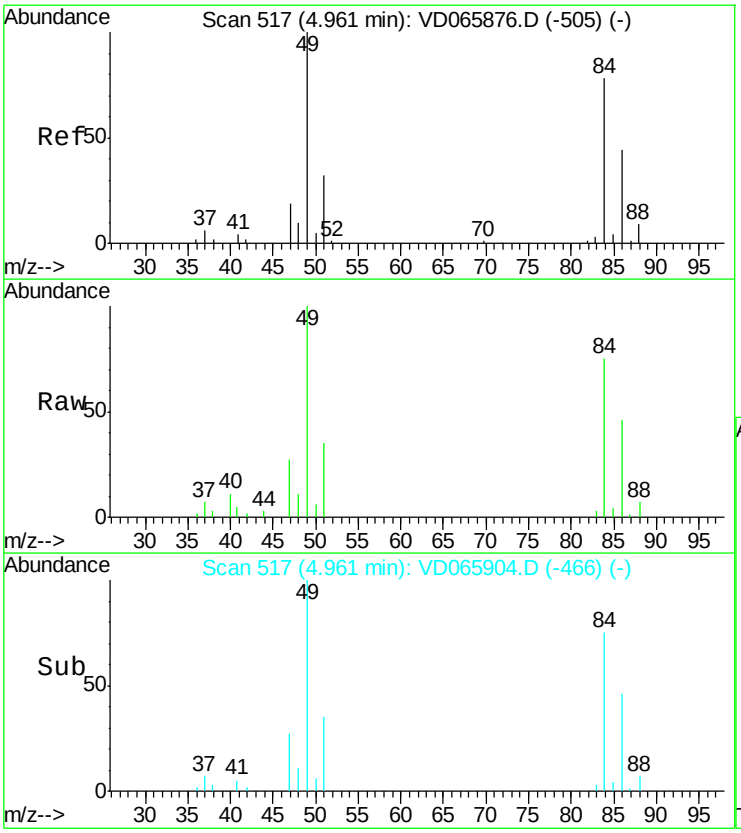
#16
Acetone
Concen: 56.707 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Tgt Ion: 43 Resp: 4927

Ion	Ratio	Lower	Upper
43	100		
58	17.0	19.5	29.3#

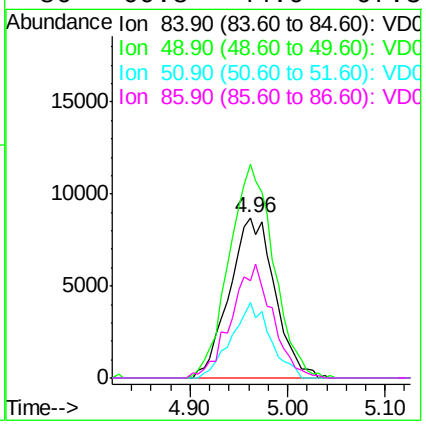


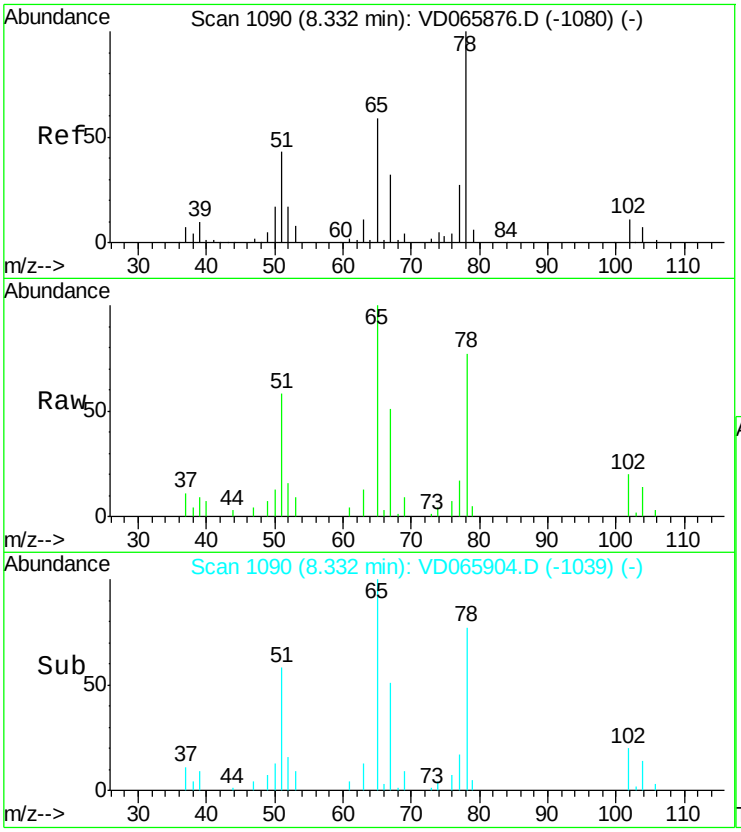


#20
Methylene Chloride
Concen: 63.991 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Tgt Ion: 84 Resp: 28314

Ion	Ratio	Lower	Upper
84	100		
49	133.1	103.0	154.6
51	47.2	32.7	49.1
86	60.8	44.9	67.3



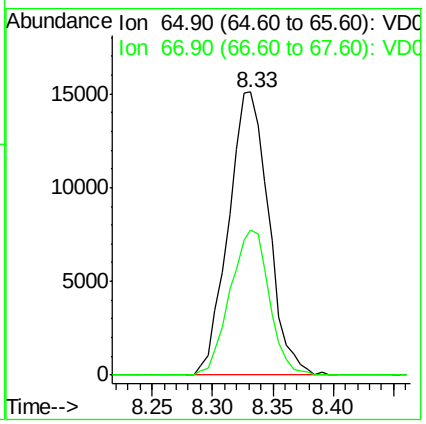


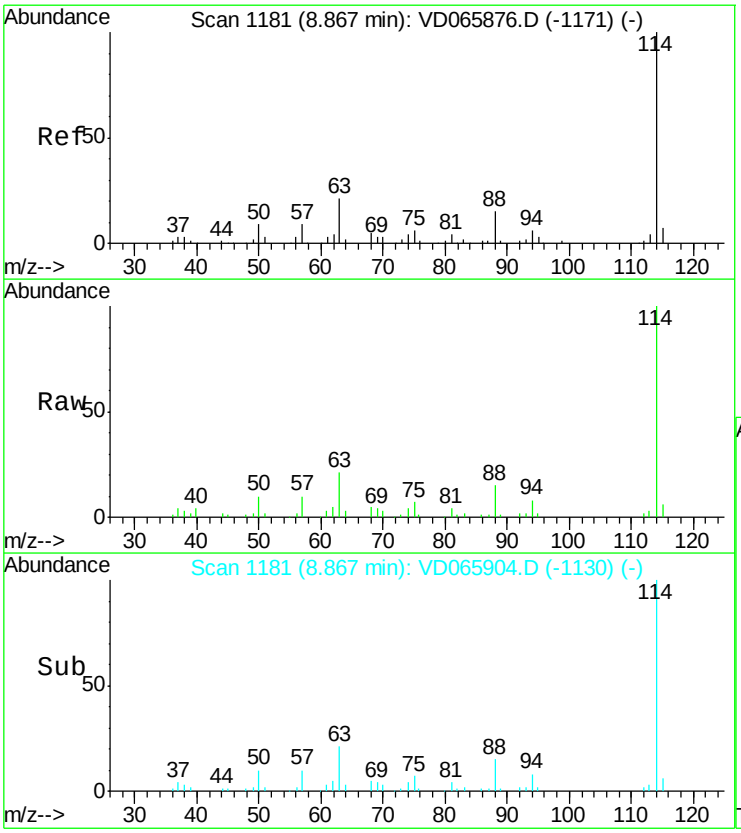
#33
1,2-Dichloroethane-d4
Concen: 78.795 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Tgt Ion: 65 Resp: 34942

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	103.0

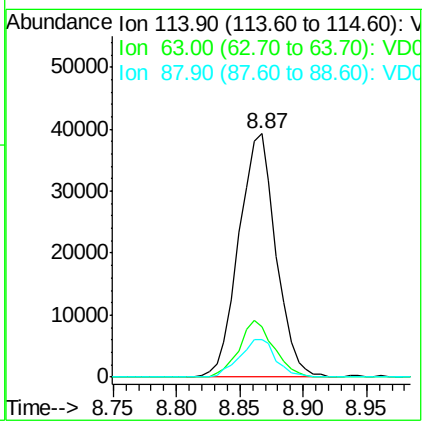


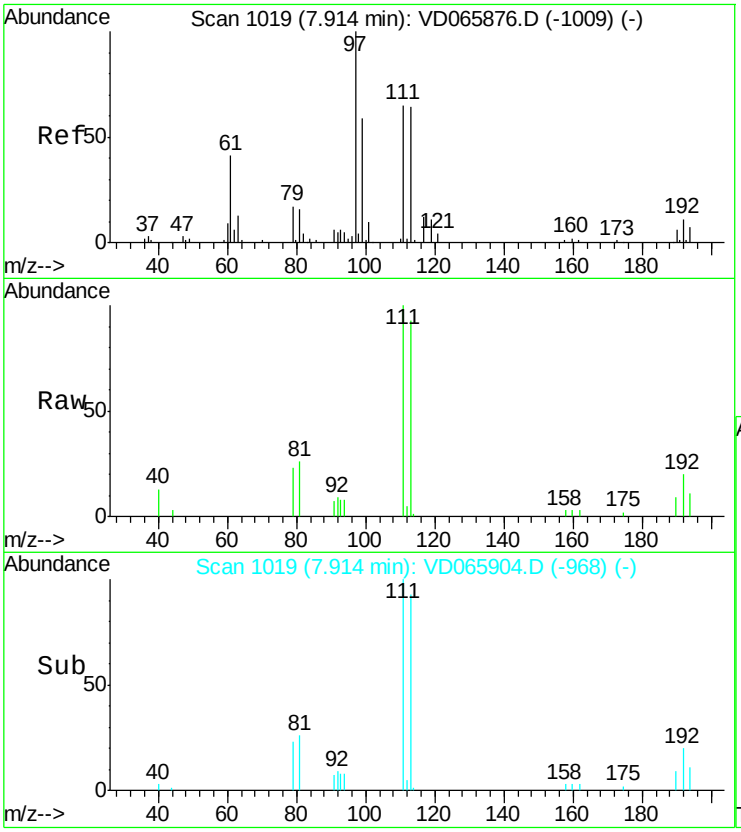


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Tgt Ion:114 Resp: 79753

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	42.6
88	15.3	0.0	29.0



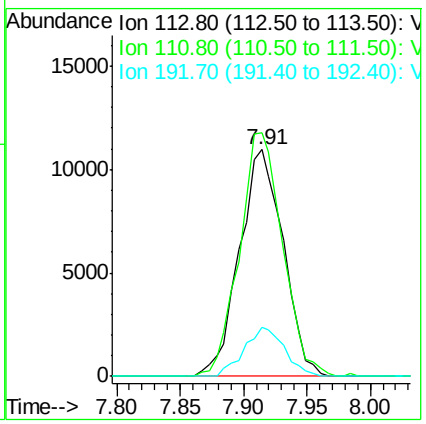


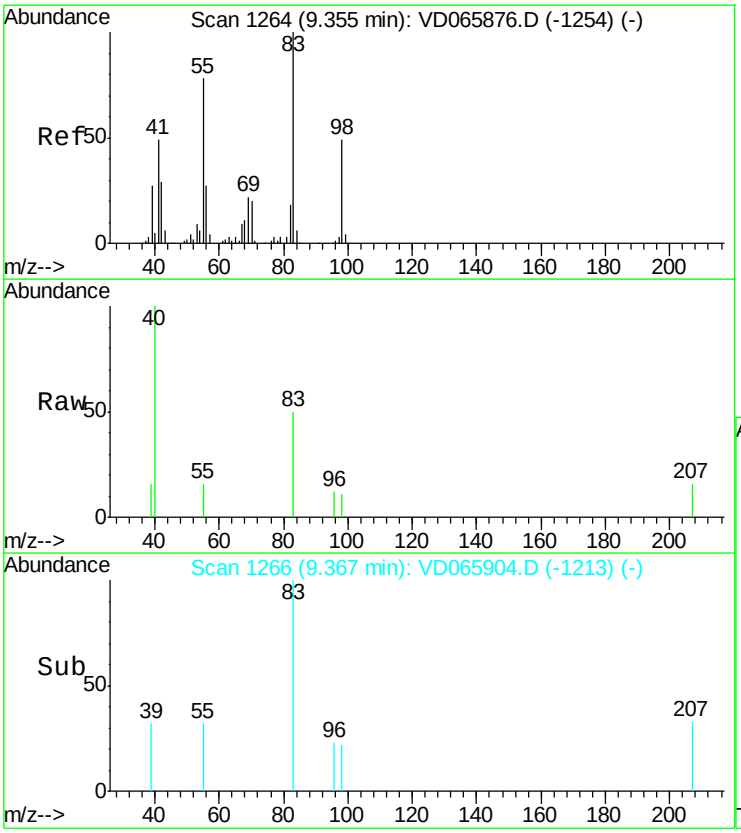
#35
Dibromofluoromethane
Concen: 53.380 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Tgt Ion:113 Resp: 26314

Ion	Ratio	Lower	Upper
113	100		
111	105.6	81.0	121.6
192	20.0	15.2	22.8

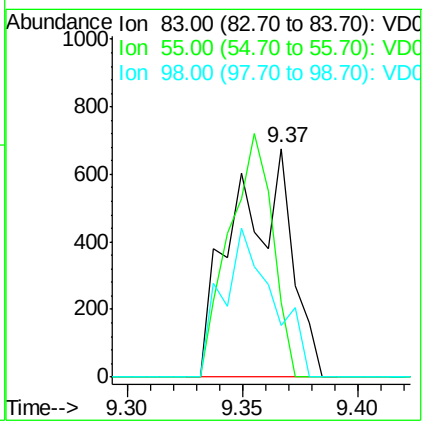


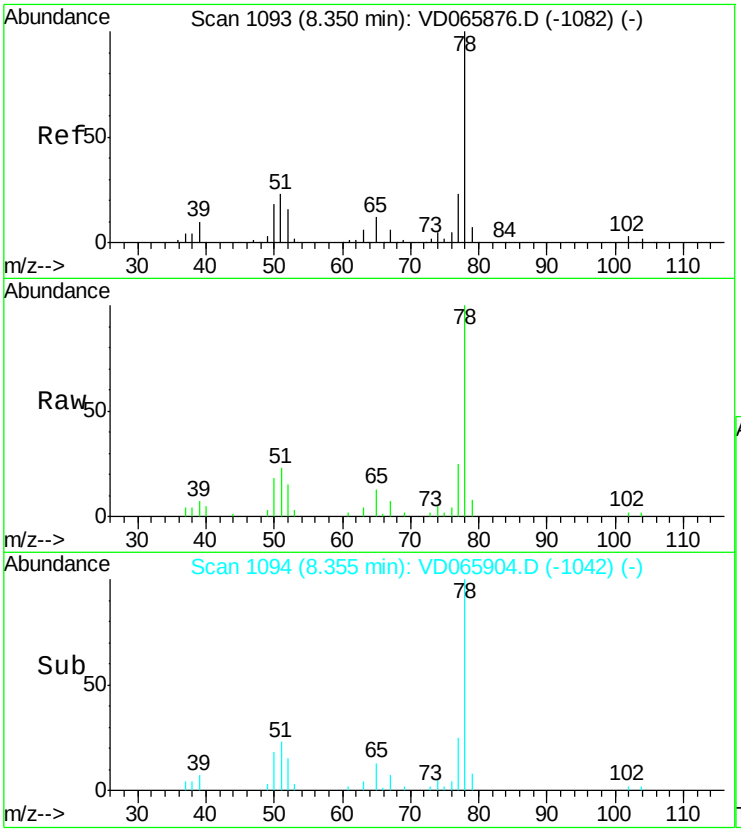


#39
Methylcyclohexane
Concen: 1.245 ug/l
RT: 9.37 min Scan# 1266
Delta R.T. 0.01 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Tgt Ion: 83 Resp: 1150

Ion	Ratio	Lower	Upper
83	100		
55	32.3	62.2	93.4#
98	22.3	39.6	59.4#



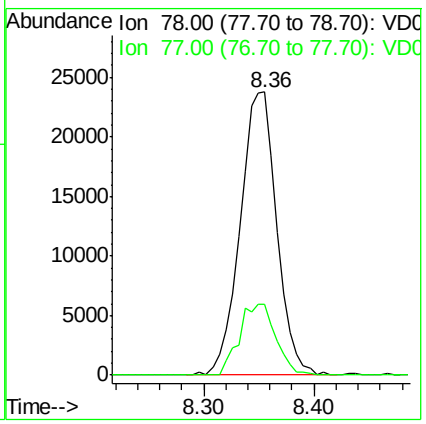


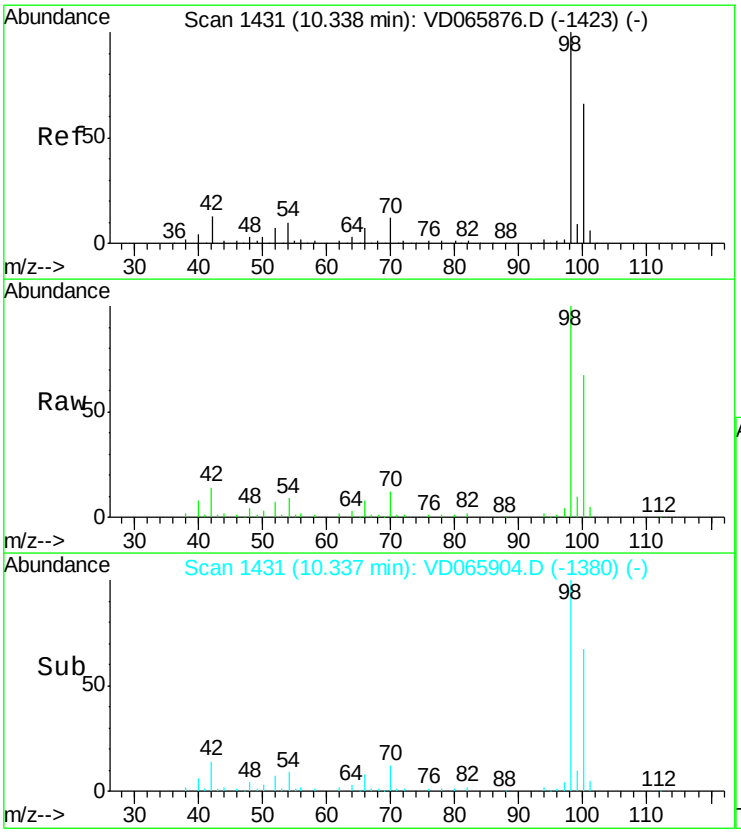
#40
Benzene
Concen: 25.556 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Tgt Ion: 78 Resp: 55138

Ion	Ratio	Lower	Upper
78	100		
77	24.9	18.8	28.2

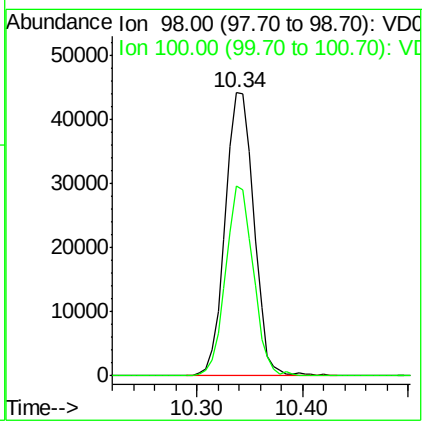


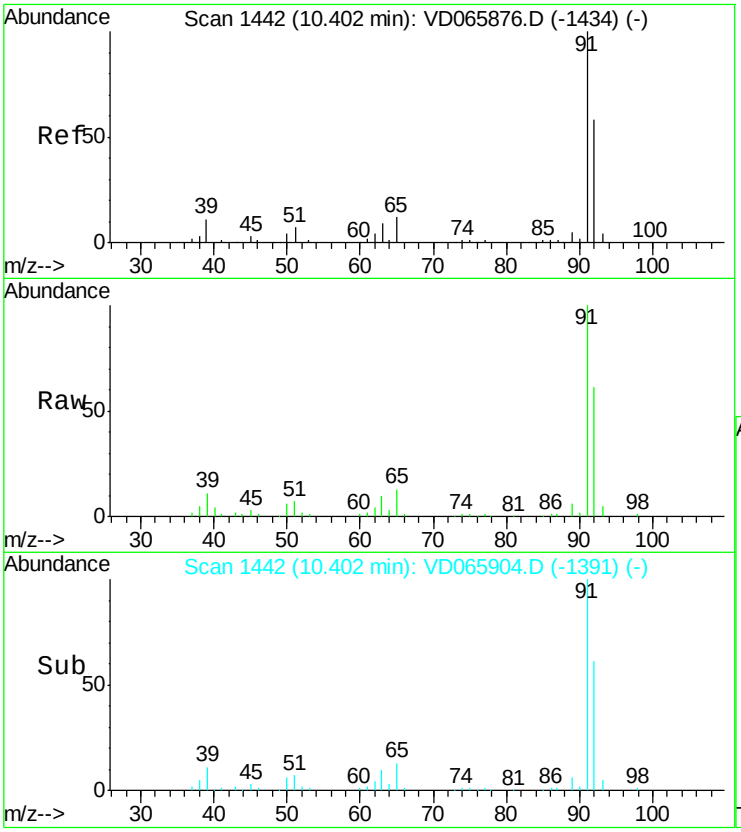


#50
Toluene-d8
Concen: 44.780 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Tgt Ion: 98 Resp: 83038

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.3	78.5



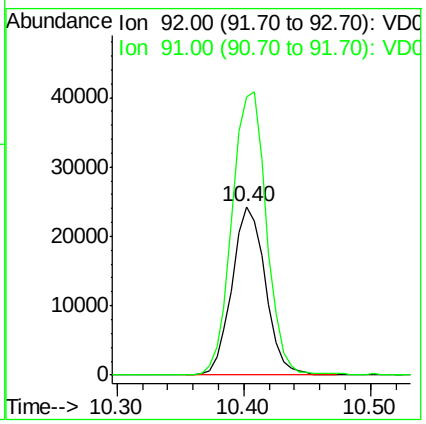


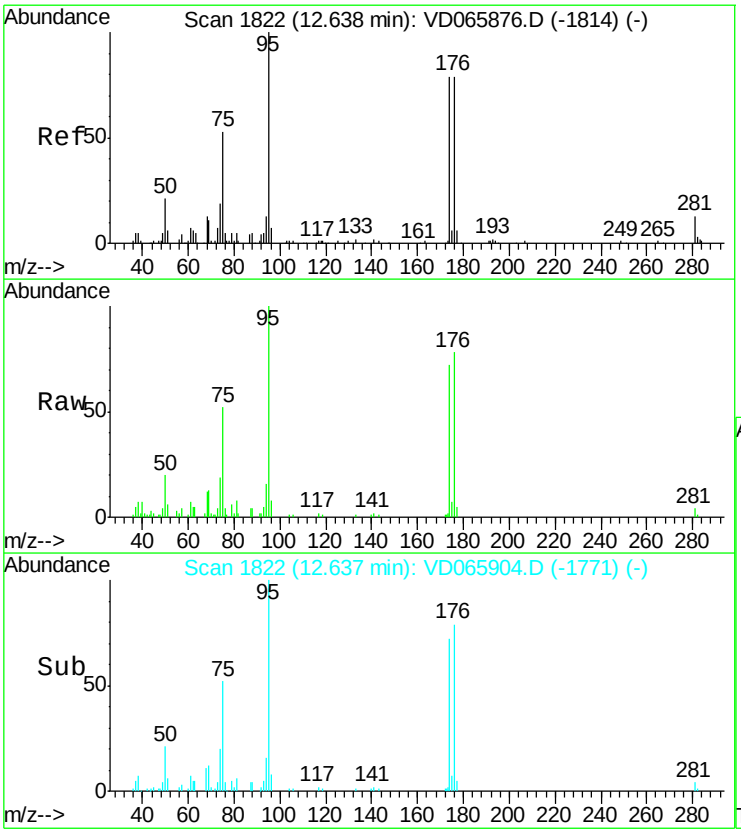
#52
Toluene
Concen: 31.541 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Tgt Ion: 92 Resp: 44244

Ion	Ratio	Lower	Upper
92	100		
91	173.5	140.8	211.2

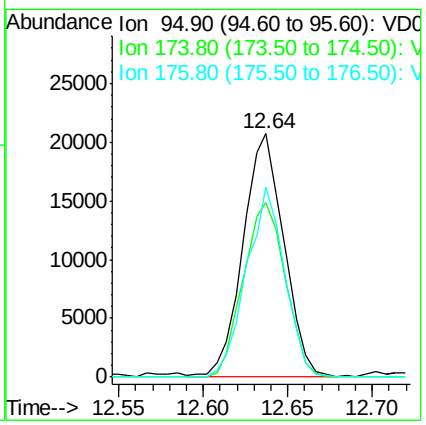


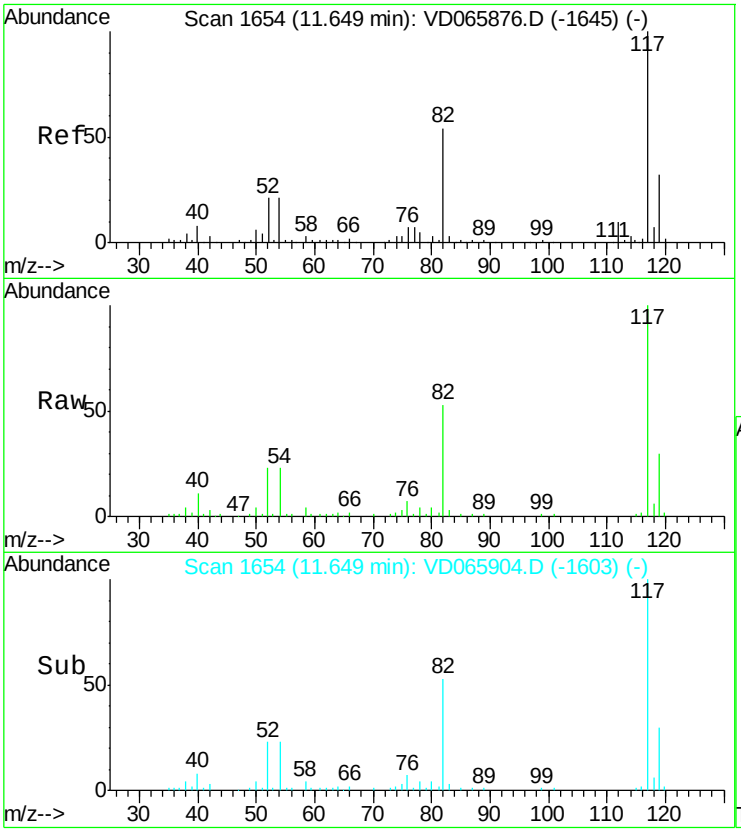


#62
4-Bromofluorobenzene
Concen: 57.592 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Tgt Ion: 95 Resp: 34986

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	158.4
176	72.7	0.0	156.0



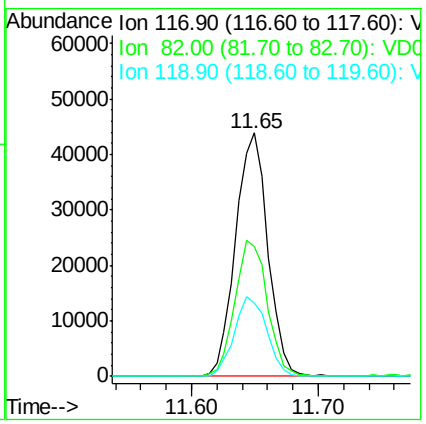


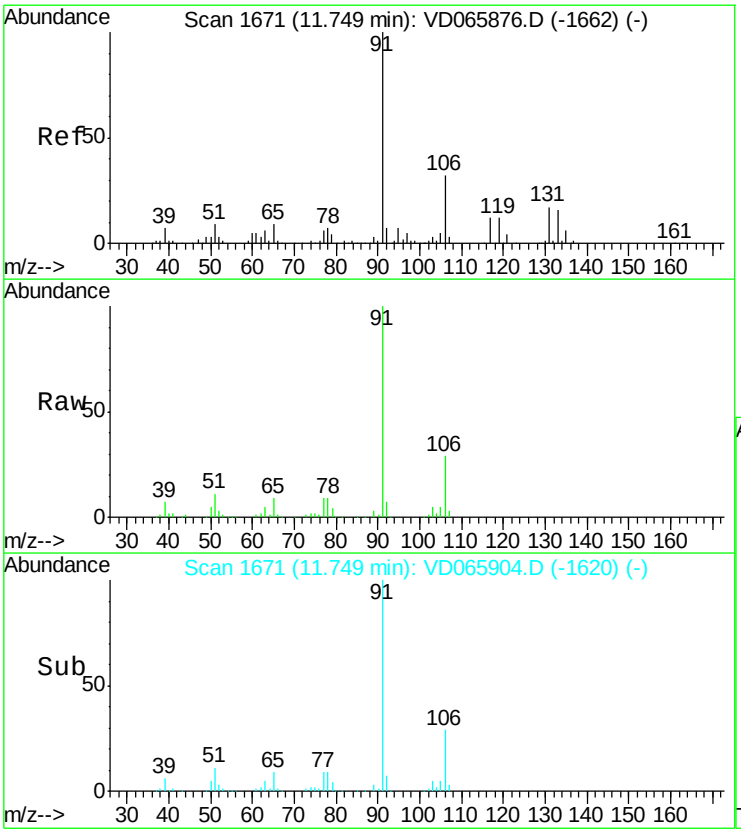
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Instrument : MSVOA_D
ClientSampleId : MUDDY-DRUM

Tgt Ion:117 Resp: 77242

Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.6	65.4
119	30.2	25.9	38.9

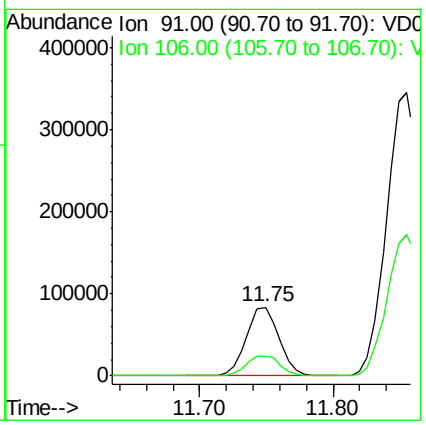


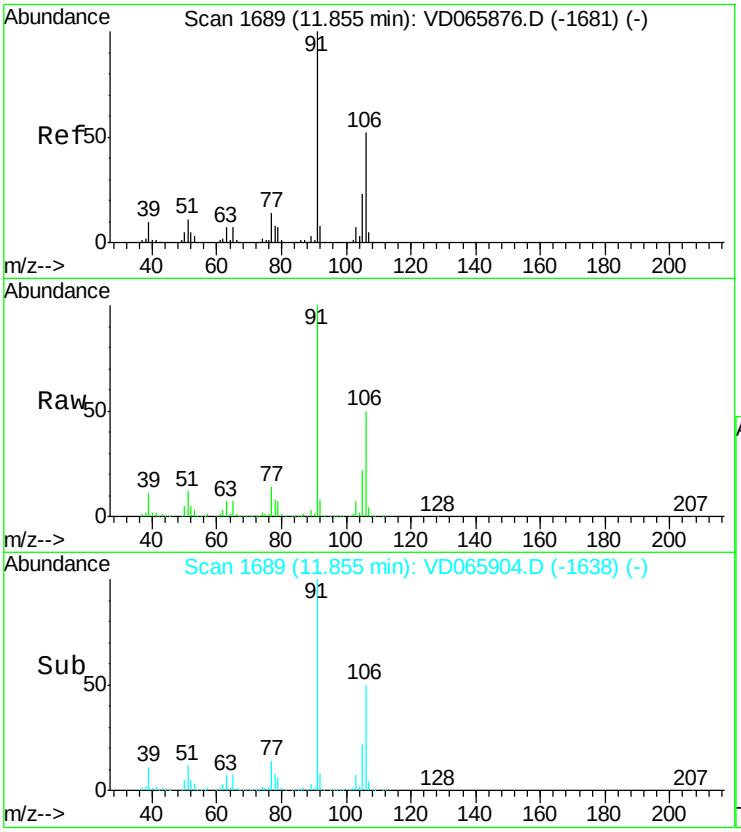


#67
Ethyl Benzene
Concen: 49.663 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Tgt Ion: 91 Resp: 141320

Ion	Ratio	Lower	Upper
91	100		
106	29.3	25.3	37.9



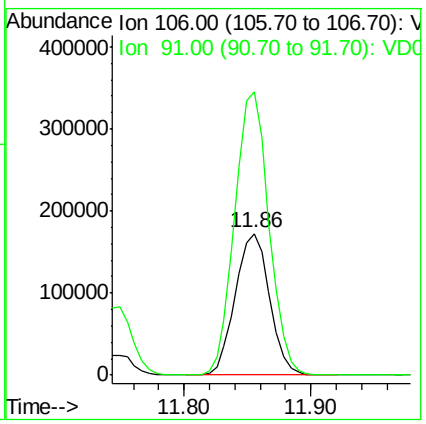


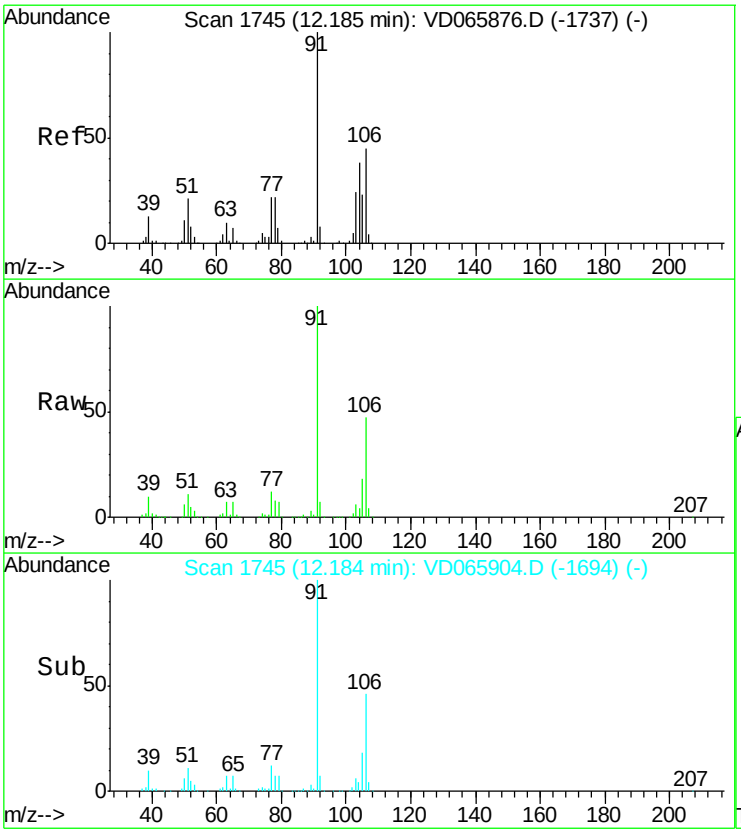
#68
m/p-Xylenes
Concen: 298.858 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Tgt Ion:106 Resp: 323788

Ion	Ratio	Lower	Upper
106	100		
91	199.4	159.5	239.3

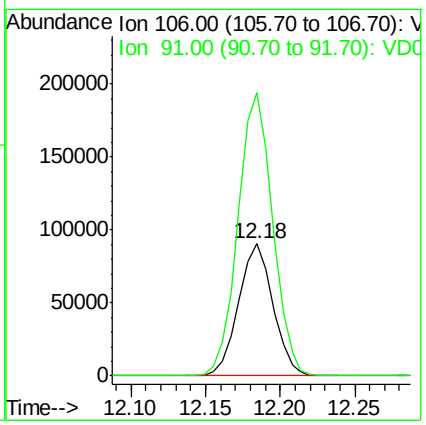


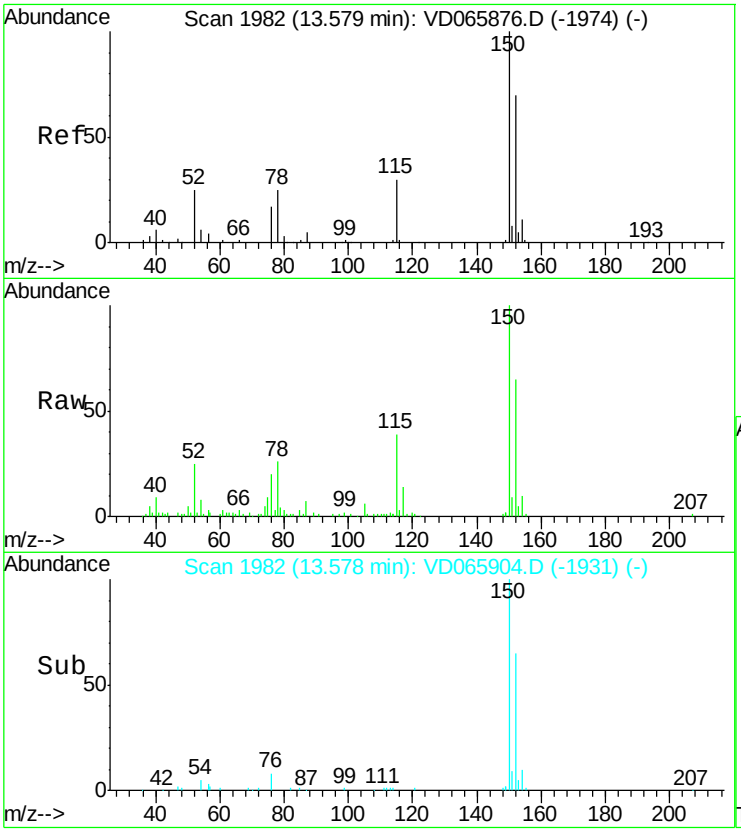


#69
o-Xylene
Concen: 148.280 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Tgt Ion:106 Resp: 144364

Ion	Ratio	Lower	Upper
106	100		
91	216.4	107.5	322.6



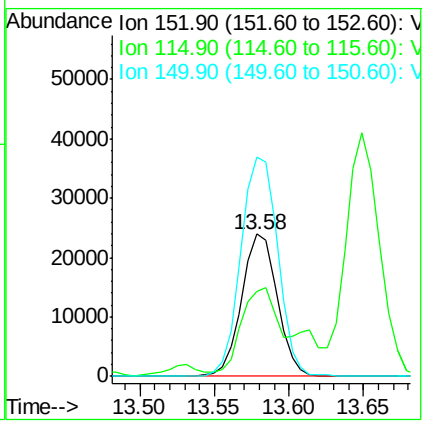


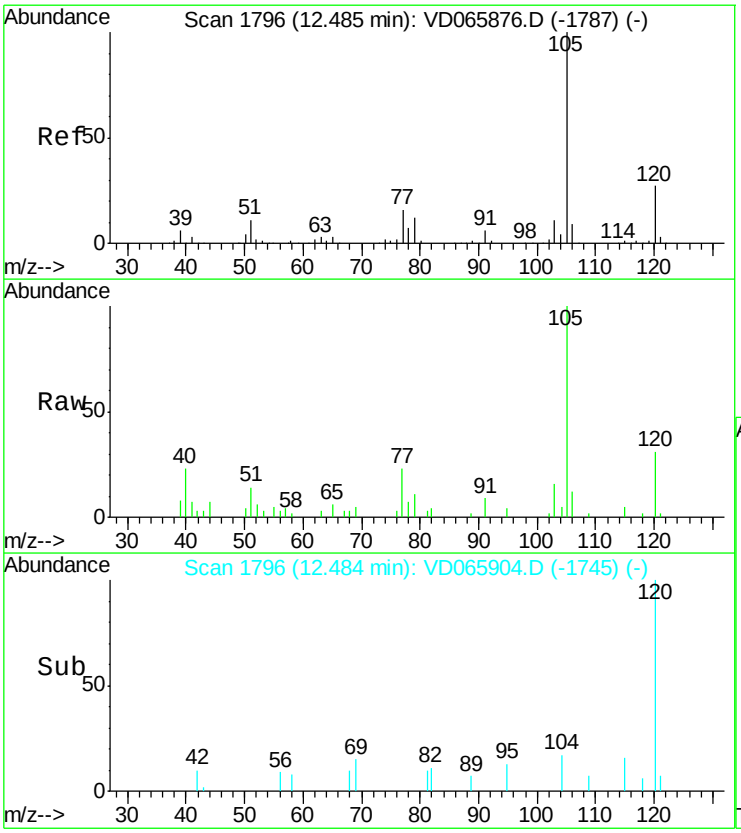
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Instrument : MSVOA_D
ClientSampleId : MUDDY-DRUM

Tgt Ion:152 Resp: 39419

Ion	Ratio	Lower	Upper
152	100		
115	64.8	29.7	89.1
150	160.6	0.0	346.2

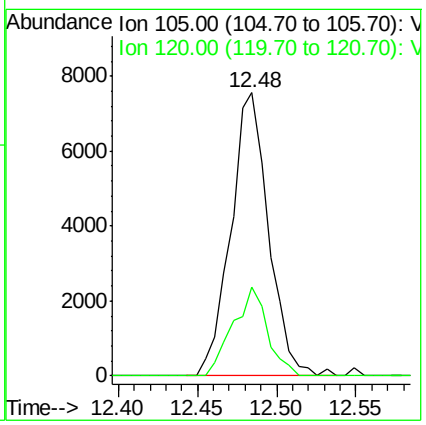


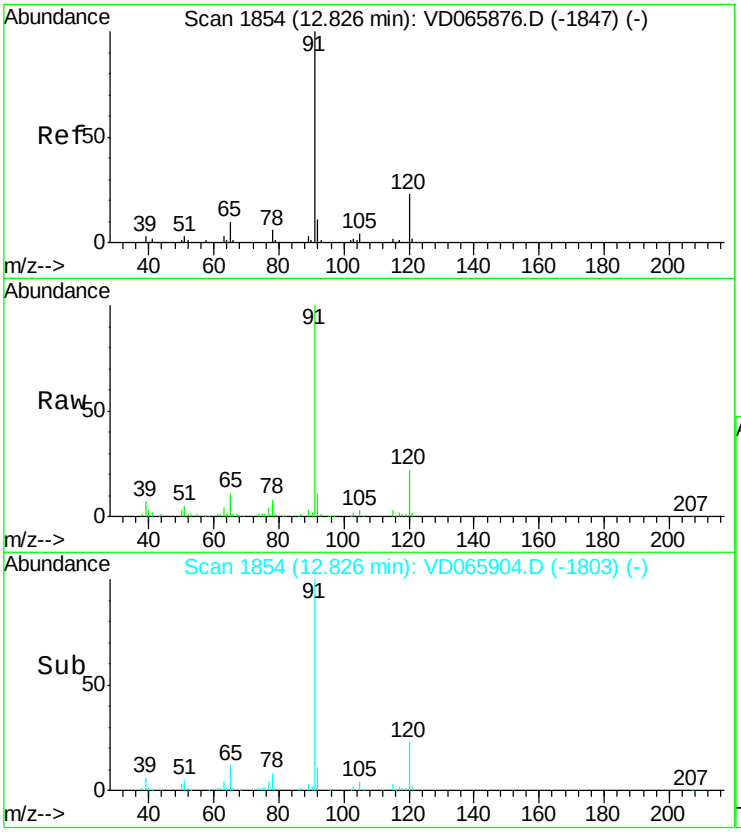


#73
Isopropylbenzene
Concen: 4.423 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Tgt Ion:105 Resp: 12488

Ion	Ratio	Lower	Upper
105	100		
120	28.4	13.3	39.8



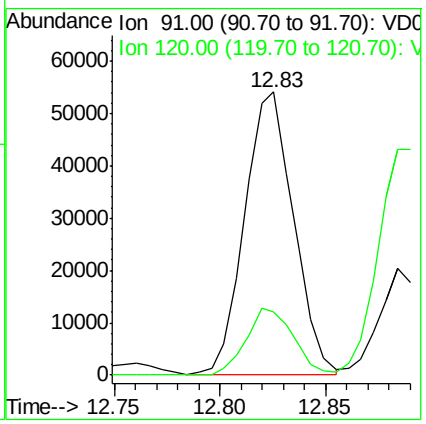


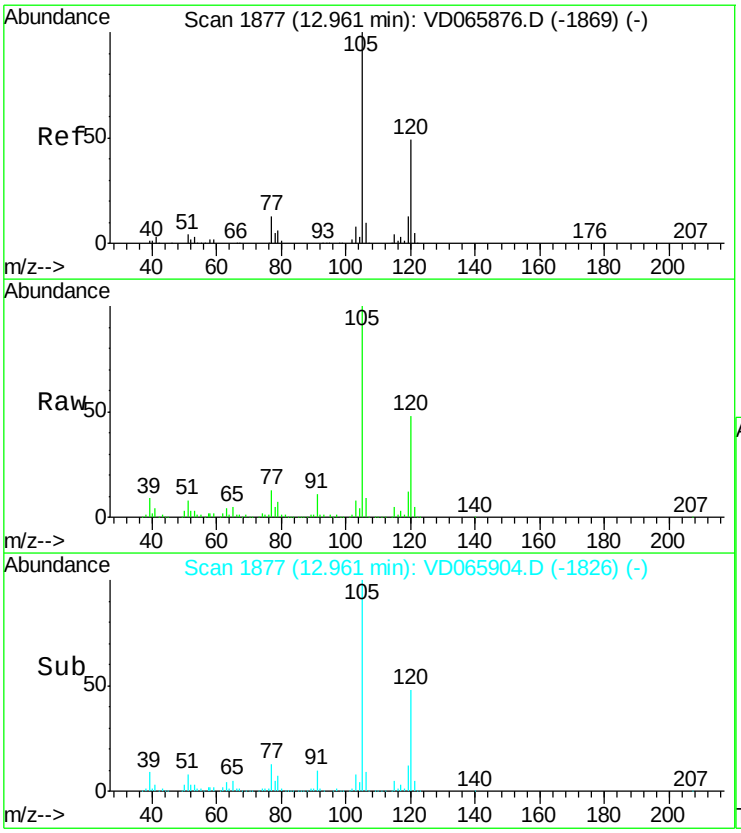
#78
n-propylbenzene
Concen: 25.461 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Tgt Ion: 91 Resp: 86604

Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.5	34.5

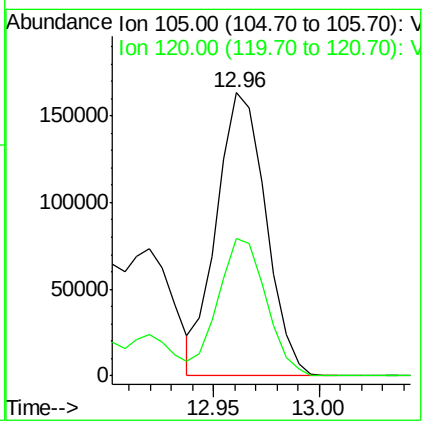


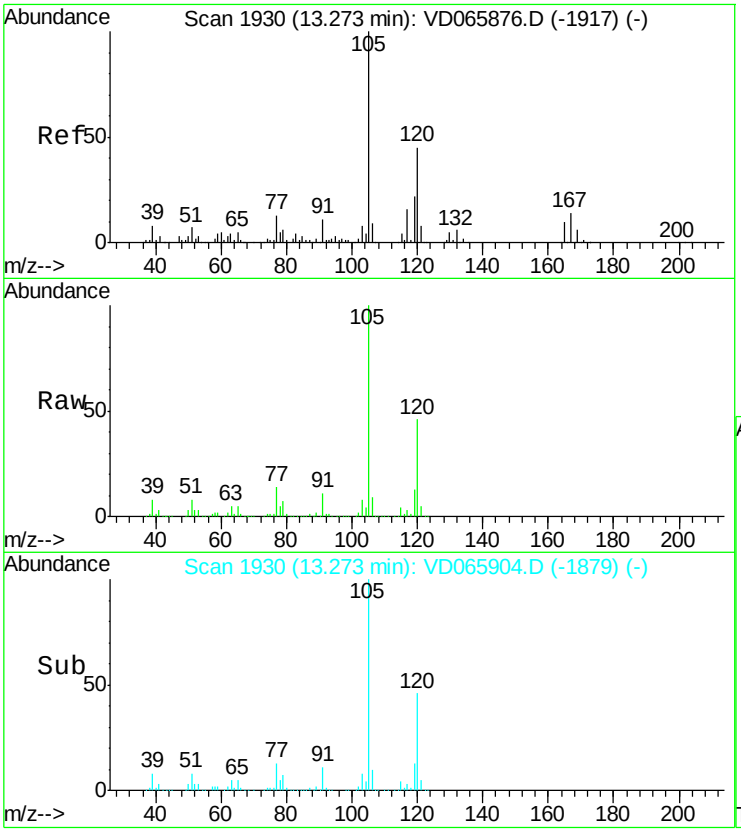


#80
1,3,5-Trimethylbenzene
Concen: 111.902 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Tgt Ion:105 Resp: 264109

Ion	Ratio	Lower	Upper
105	100		
120	47.3	24.3	72.8



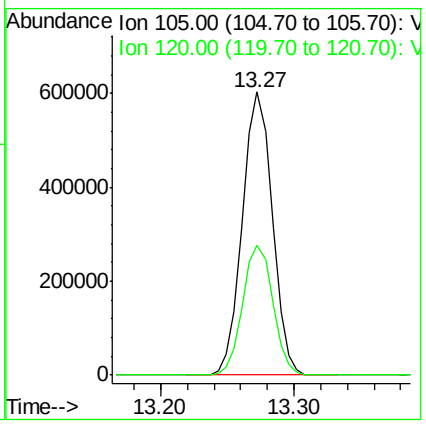


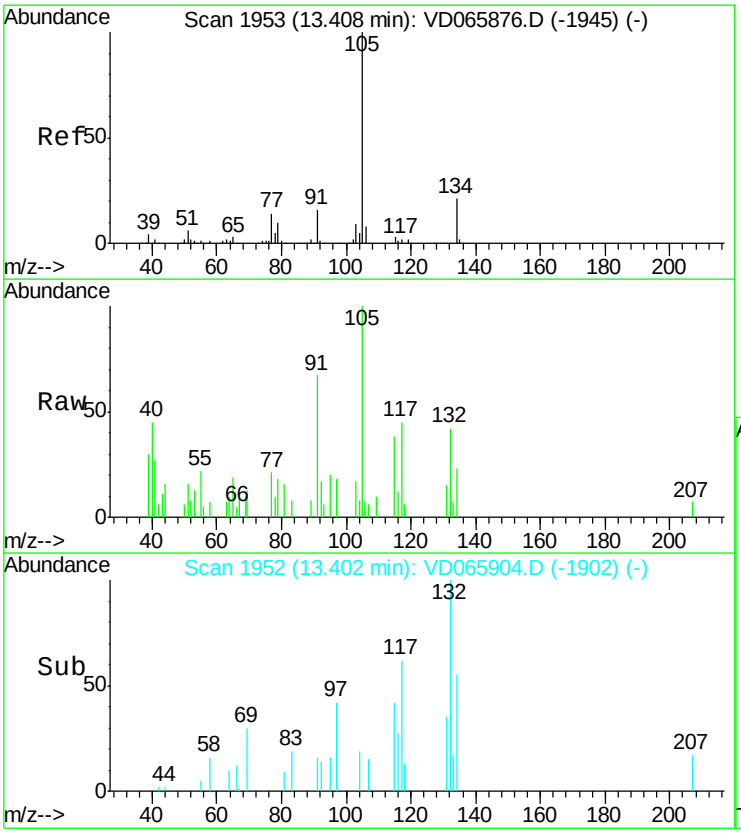
#84
1,2,4-Trimethylbenzene
Concen: 400.808 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Tgt Ion:105 Resp: 931860

Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.0	69.0

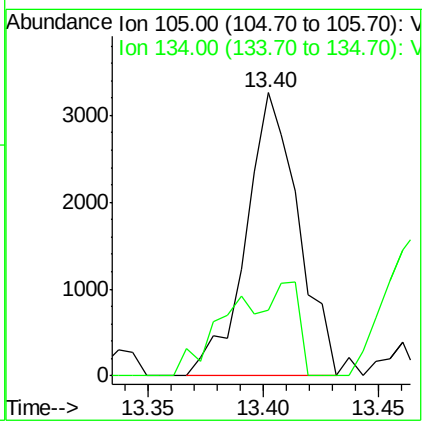


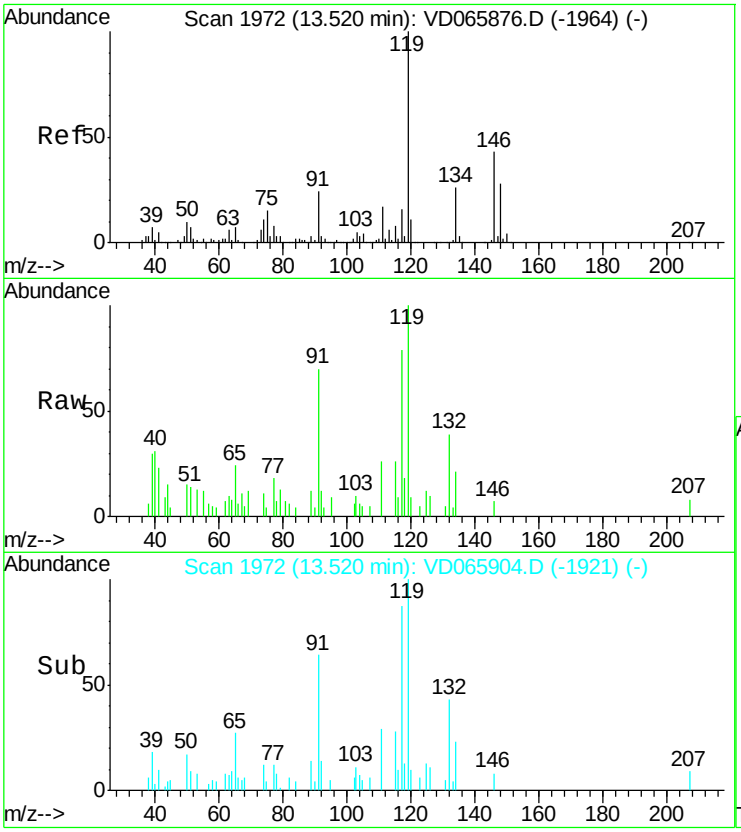


#85
sec-Butylbenzene
Concen: 1.823 ug/l m
RT: 13.40 min Scan# 1952
Delta R.T. -0.01 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Tgt Ion:105 Resp: 5160

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.0	29.8#



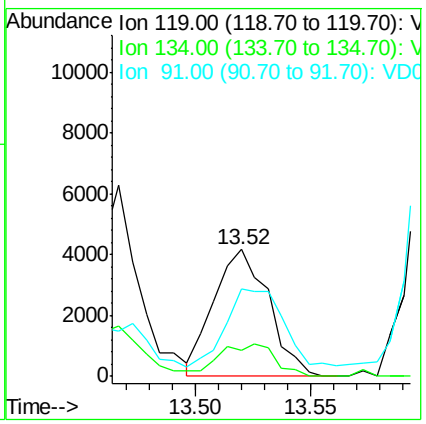


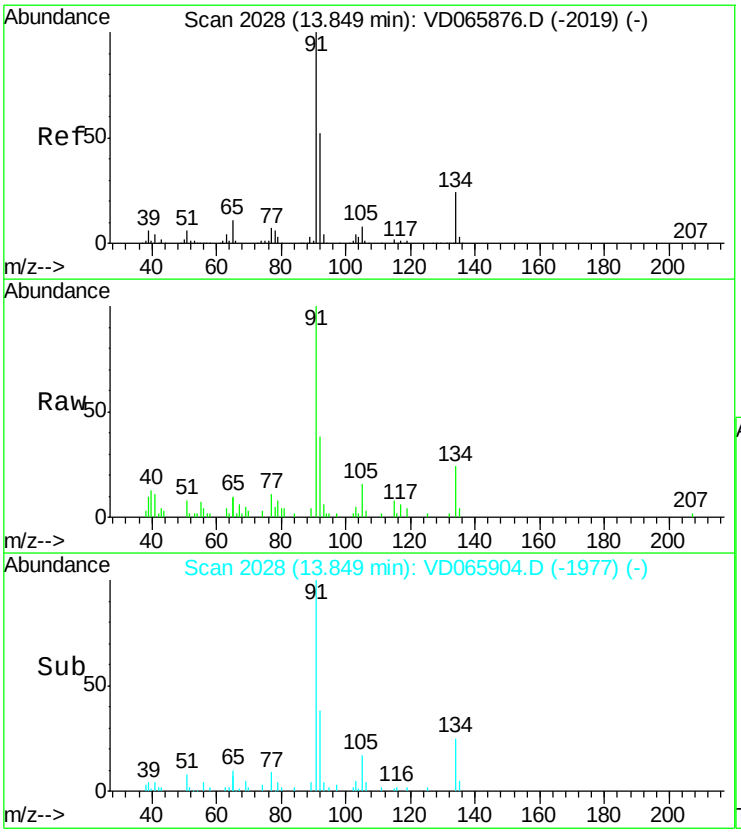
#86
p-Isopropyltoluene
Concen: 2.690 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Tgt Ion:119 Resp: 6916

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.4	40.1
91	63.7	12.0	36.1#

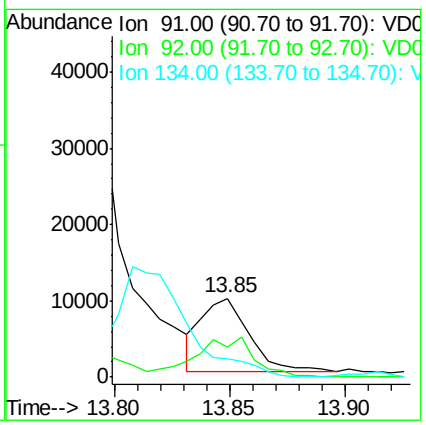


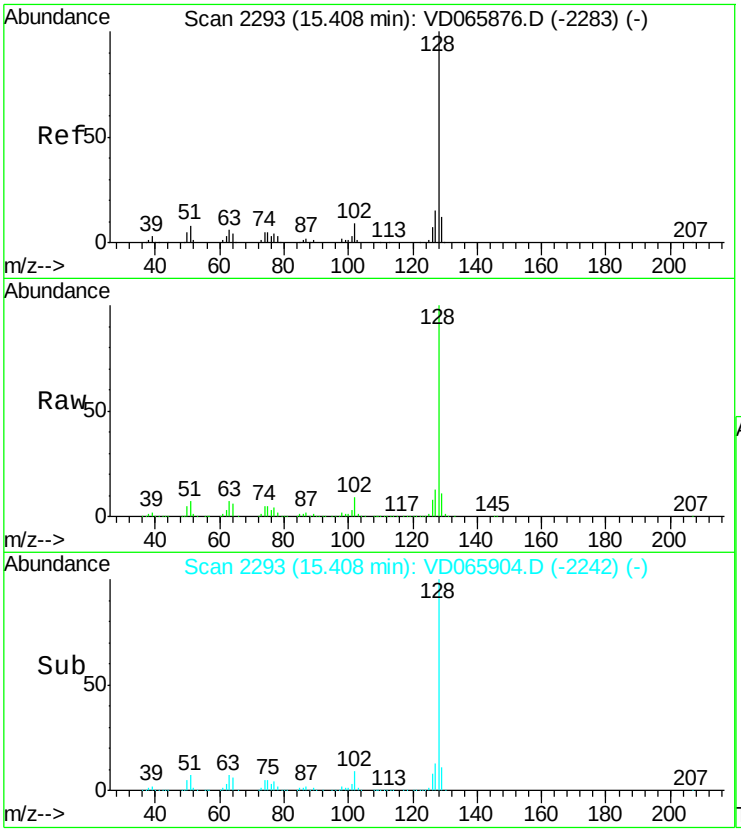


#89
n-Butylbenzene
Concen: 5.521 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Tgt Ion: 91 Resp: 13840

Ion	Ratio	Lower	Upper
91	100		
92	66.9	26.5	79.4
134	0.0	12.4	37.2#





#95
Naphthalene
Concen: 3434.568 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065904.D
Acq: 01 Jul 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Tgt Ion:128 Resp: 4223611

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.8	16.2
129	11.1	8.8	13.2