Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD070120\
Data File : VD065905.D
Acq On : 01 Jul 2020 14:54
Operator : VA/SY
Sample : L3160-01
Misc : 9.63G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : MUDDY-DRUM

Quant Time: Jul 02 05:22:59 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	108378	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.86	114	184788	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.65	117	156035	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	75674	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.33	65	55094	48.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.86%				
35) Dibromofluoromethane	7.91	113	57116	50.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.02%				
50) Toluene-d8	10.34	98	204685	47.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.28%				
62) 4-Bromofluorobenzene	12.64	95	68630	48.76	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.52%				
Target Compounds							Qvalue
8) Diethyl Ether	3.70	74	1477	2.790	ug/l		87
16) Acetone	4.14	43	5249	23.794	ug/l		93
20) Methylene Chloride	4.97	84	38860	31.796	ug/l		93
30) Chloroform	7.71	83	3047	1.371	ug/l		96
39) Methylcyclohexane	9.36	83	5735	2.679	ug/l	#	81
40) Benzene	8.35	78	357421	71.497	ug/l		99
52) Toluene	10.40	92	292553	90.010	ug/l		97
67) Ethyl Benzene	11.75	91	1022386	177.859	ug/l		96
68) m/p-Xylenes	11.86	106	2398157	1095.755	ug/l		98
69) o-Xylene	12.18	106	1031906	524.681	ug/l		99
73) Isopropylbenzene	12.48	105	84292	15.552	ug/l		97
78) n-propylbenzene	12.83	91	593448	90.884	ug/l		100
80) 1,3,5-Trimethylbenzene	12.96	105	1994985	440.304	ug/l		100
84) 1,2,4-Trimethylbenzene	13.27	105	6205206	1390.277	ug/l		99
85) sec-Butylbenzene	13.41	105	31719m	5.837	ug/l		
86) p-Isopropyltoluene	13.52	119	41954	8.500	ug/l	#	47
89) n-Butylbenzene	13.85	91	93011	19.326	ug/l	#	77
95) Naphthalene	15.41	128	8989283	3807.783	ug/l		99

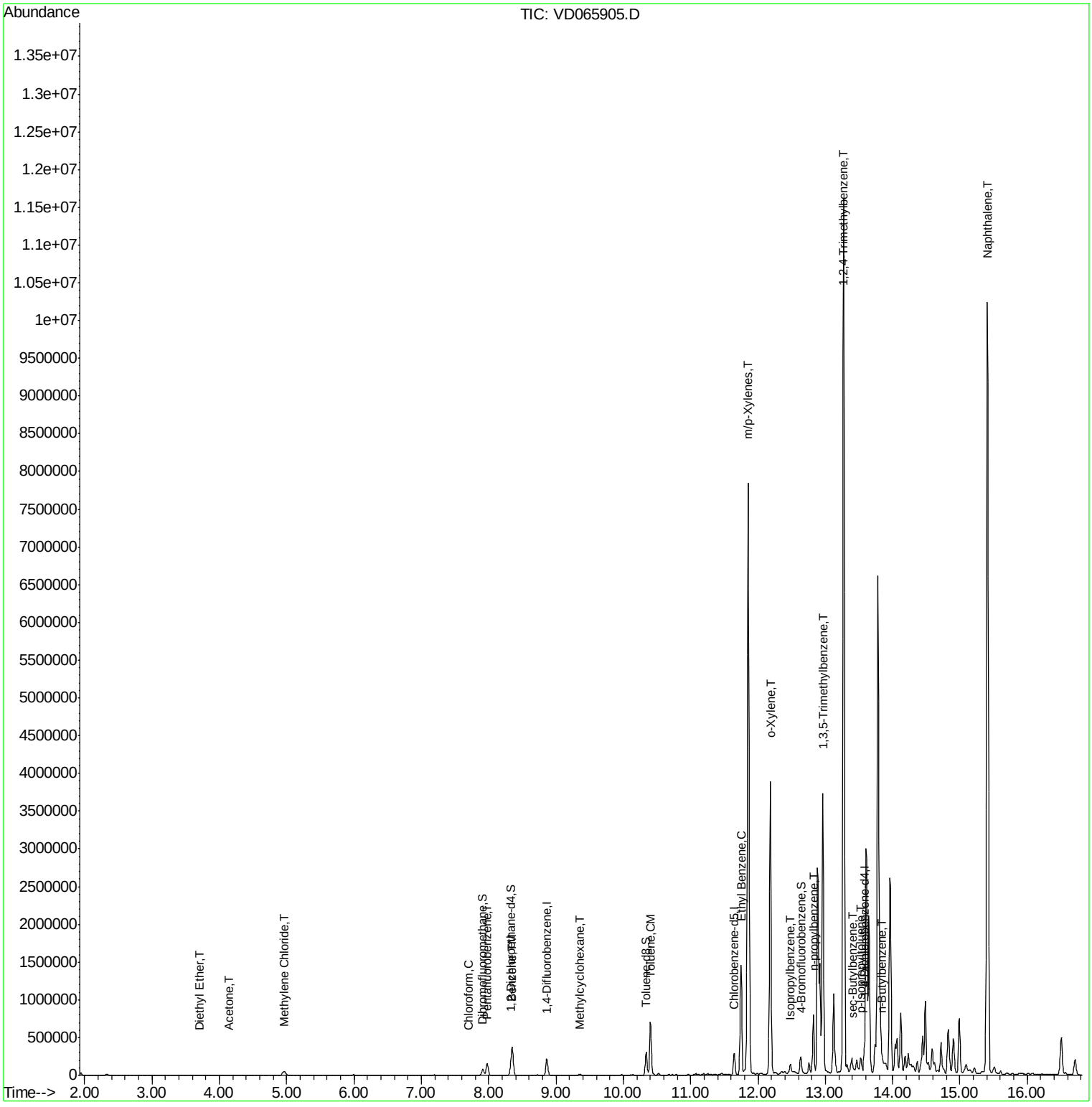
(#) = qualifier out of range (m) = manual integration (+) = signals summed

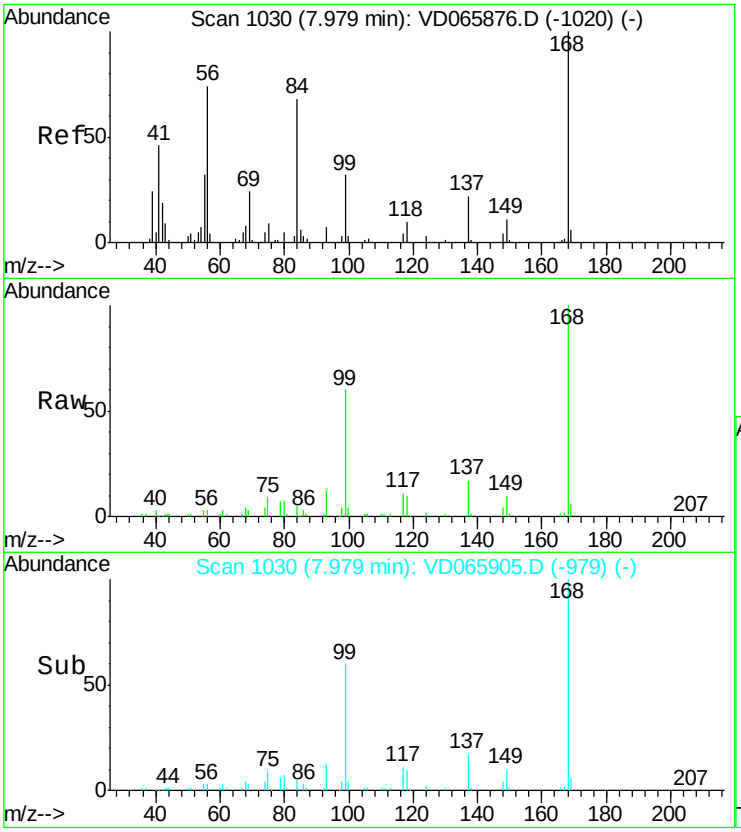
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070120\
Data File : VD065905.D
Acq On : 01 Jul 2020 14:54
Operator : VA/SY
Sample : L3160-01
Misc : 9.63G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Quant Time: Jul 02 05:22:59 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



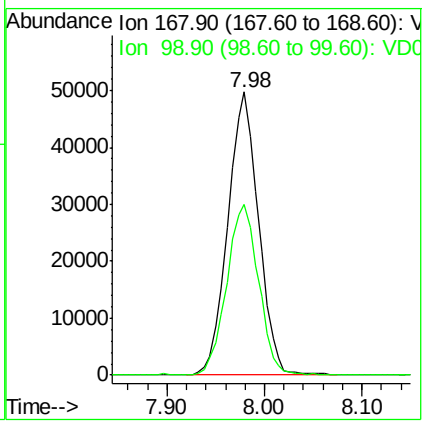


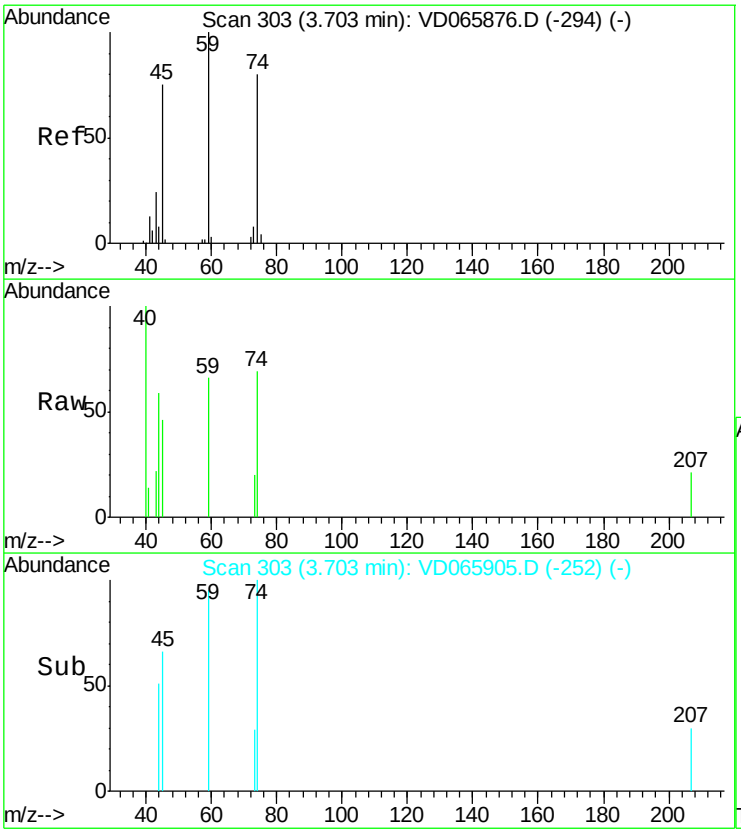
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Instrument : MSVOA_D
ClientSampleId : MUDDY-DRUM

Tgt Ion:168 Resp: 108378

Ion	Ratio	Lower	Upper
168	100		
99	60.1	51.3	76.9

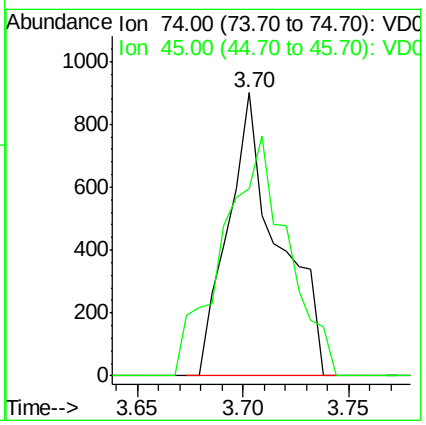


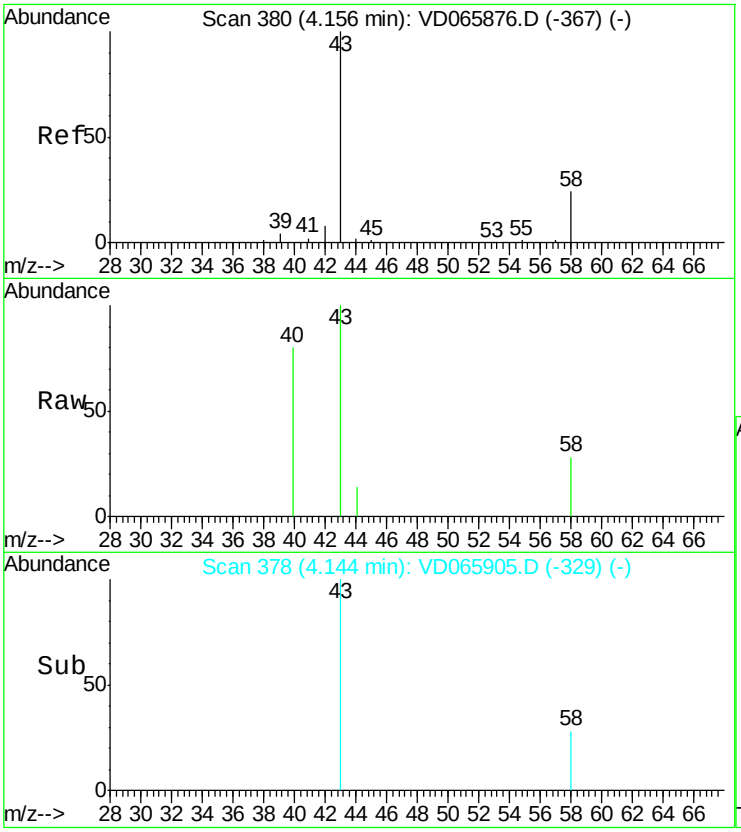


#8
Diethyl Ether
Concen: 2.790 ug/l
RT: 3.70 min Scan# 303
Delta R.T. 0.00 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Tgt Ion: 74 Resp: 1477

Ion	Ratio	Lower	Upper
74	100		
45	110.1	48.6	145.8



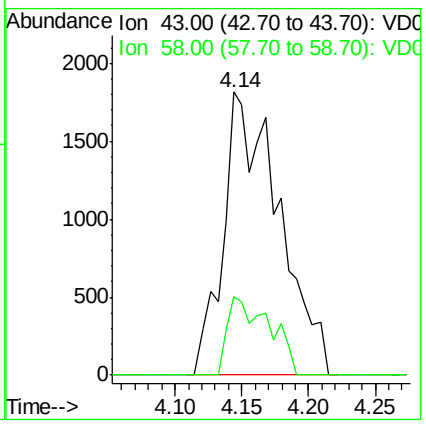


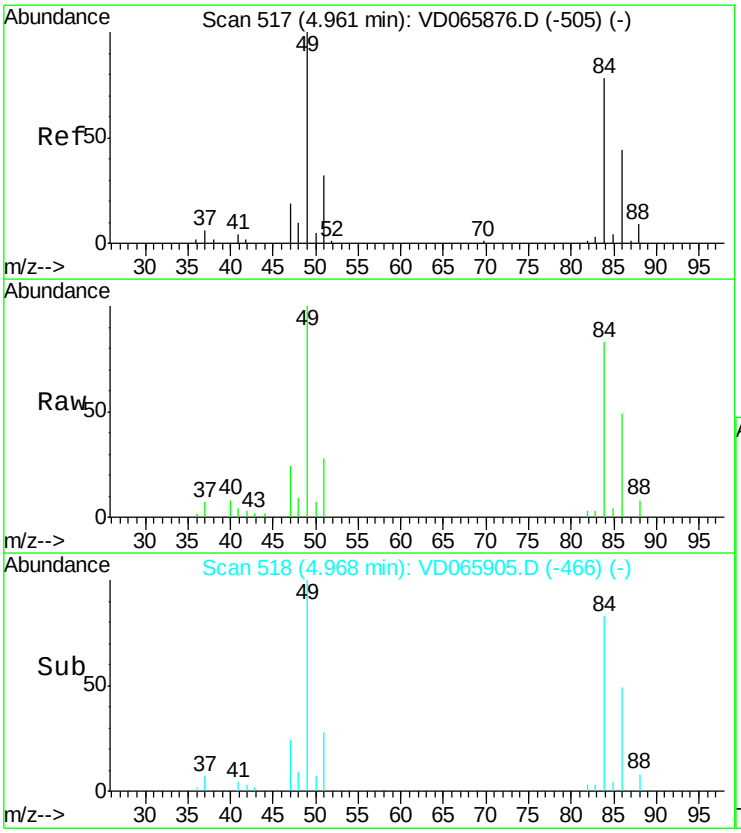
#16
Acetone
Concen: 23.794 ug/l
RT: 4.14 min Scan# 378
Delta R.T. -0.01 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Tgt Ion: 43 Resp: 5249

Ion	Ratio	Lower	Upper
43	100		
58	27.8	19.5	29.3

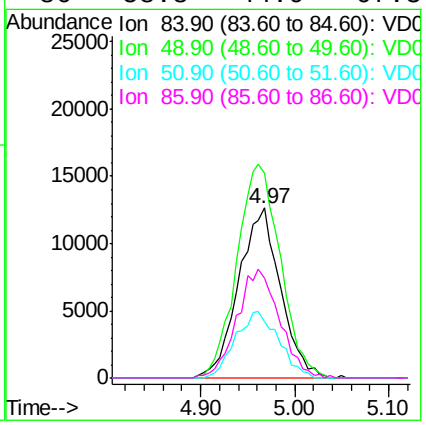


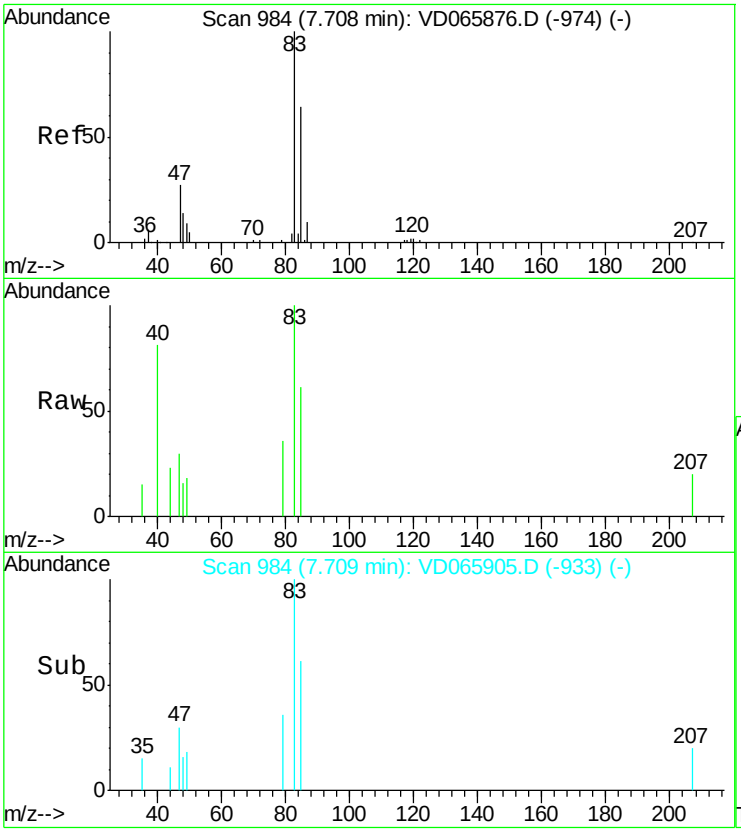


#20
Methylene Chloride
Concen: 31.796 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Tgt Ion: 84 Resp: 38860

Ion	Ratio	Lower	Upper
84	100		
49	120.5	103.0	154.6
51	33.3	32.7	49.1
86	58.8	44.9	67.3



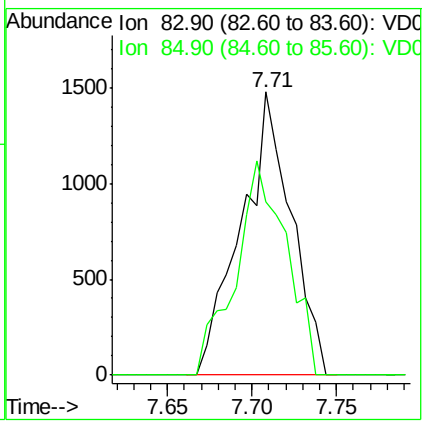


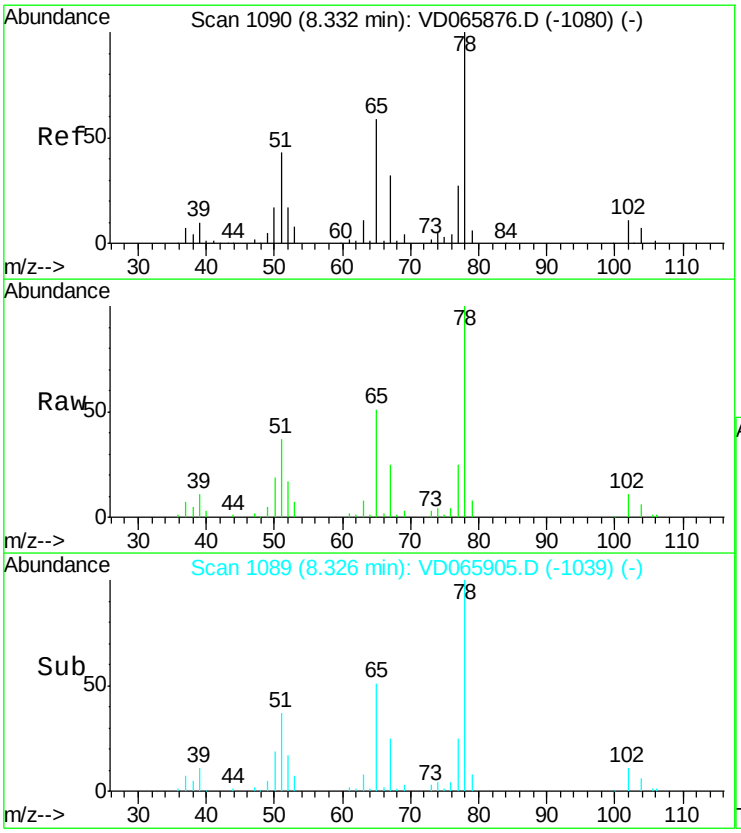
#30
Chloroform
Concen: 1.371 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Instrument : MSVOA_D
ClientSampleId : MUDDY-DRUM

Tgt Ion: 83 Resp: 3047

Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.2	76.8

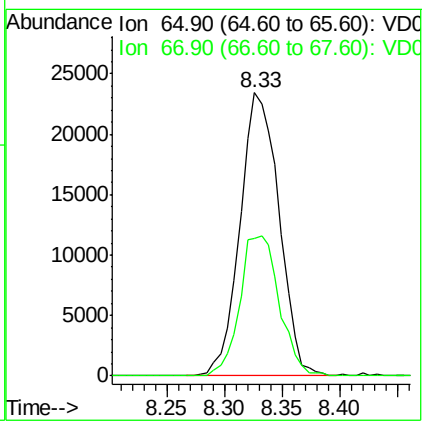


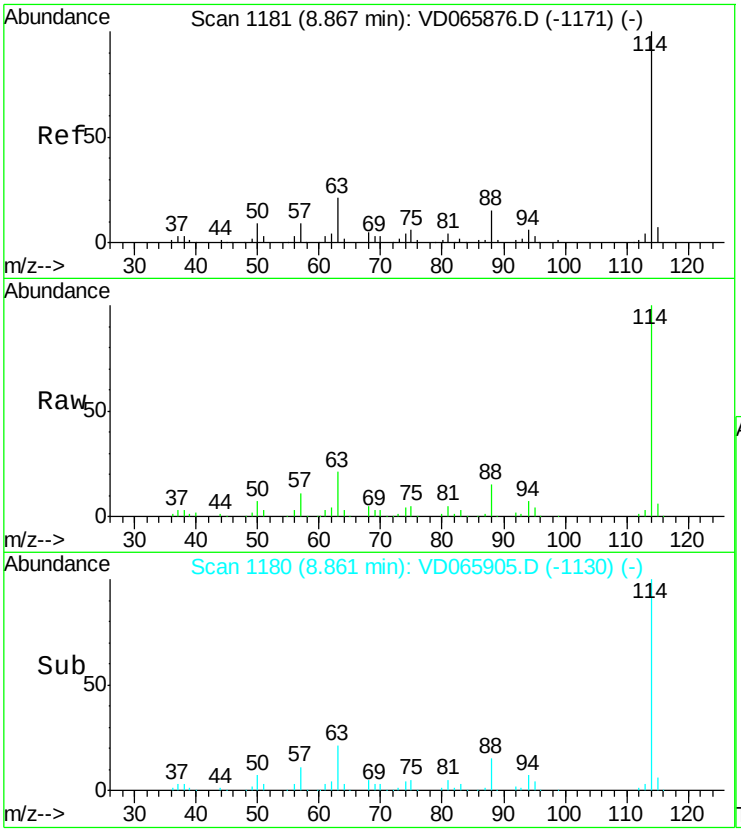


#33
1,2-Dichloroethane-d4
Concen: 48.931 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Tgt Ion: 65 Resp: 55094

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	103.0



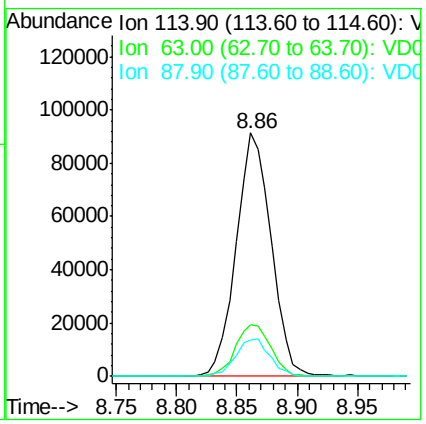


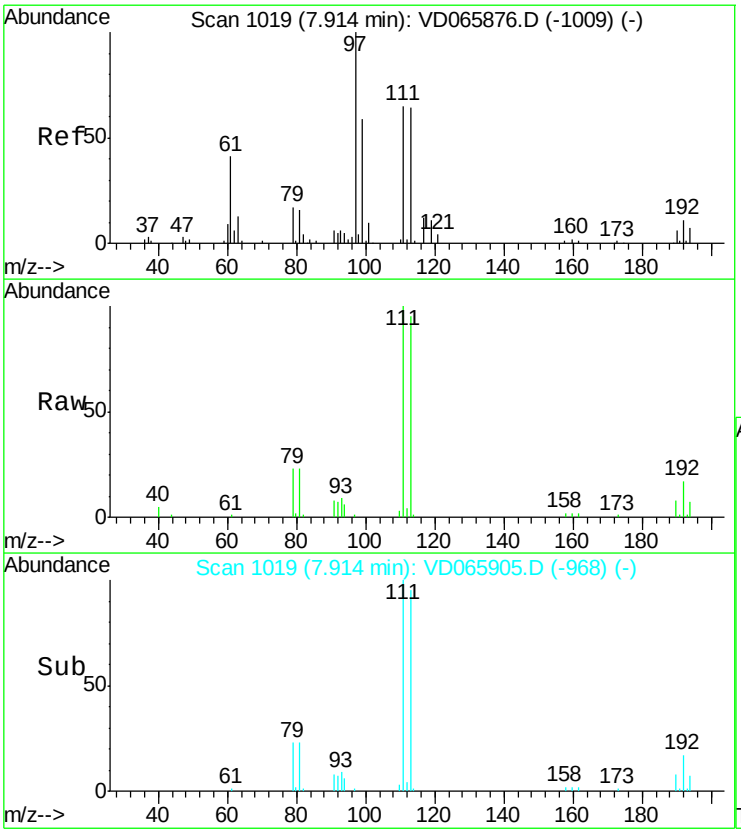
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Tgt Ion:114 Resp: 184788

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.6
88	14.8	0.0	29.0

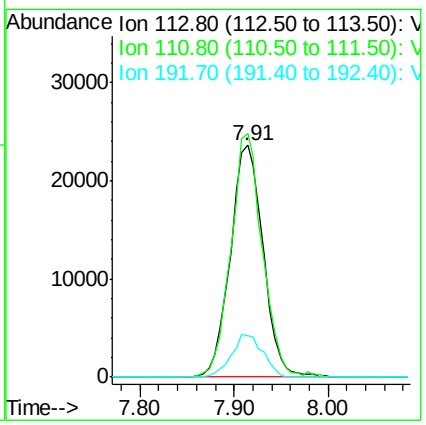


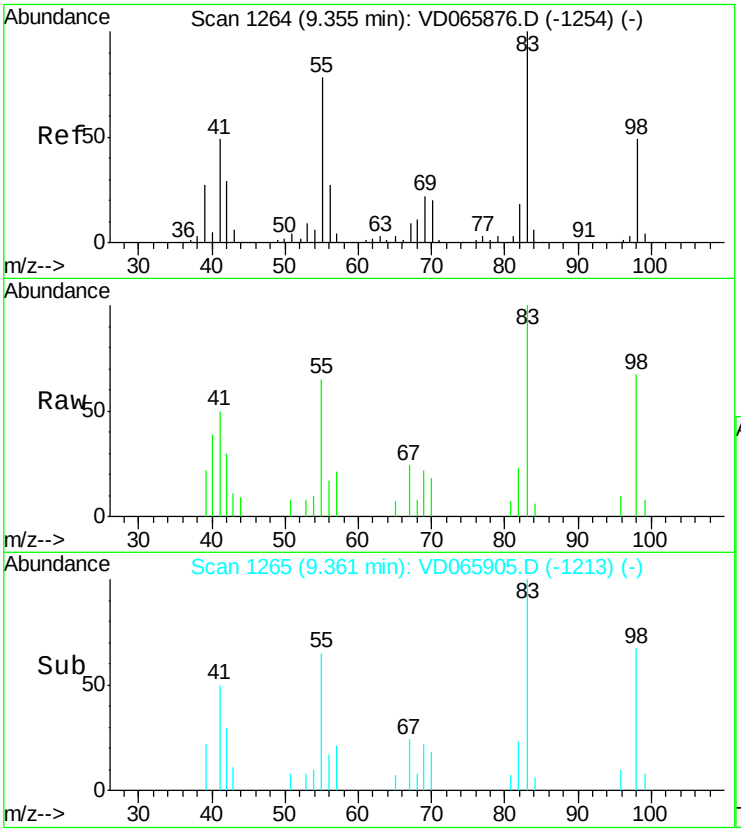


#35
Dibromofluoromethane
Concen: 50.006 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Tgt Ion:113 Resp: 57116

Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.0	121.6
192	17.5	15.2	22.8



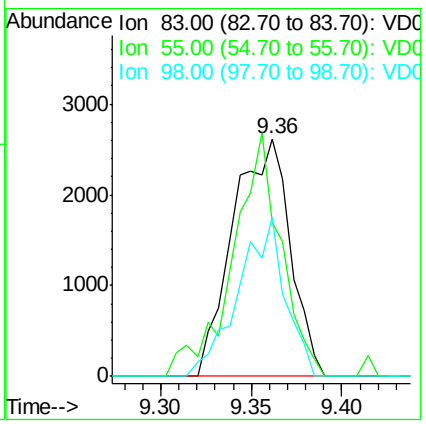


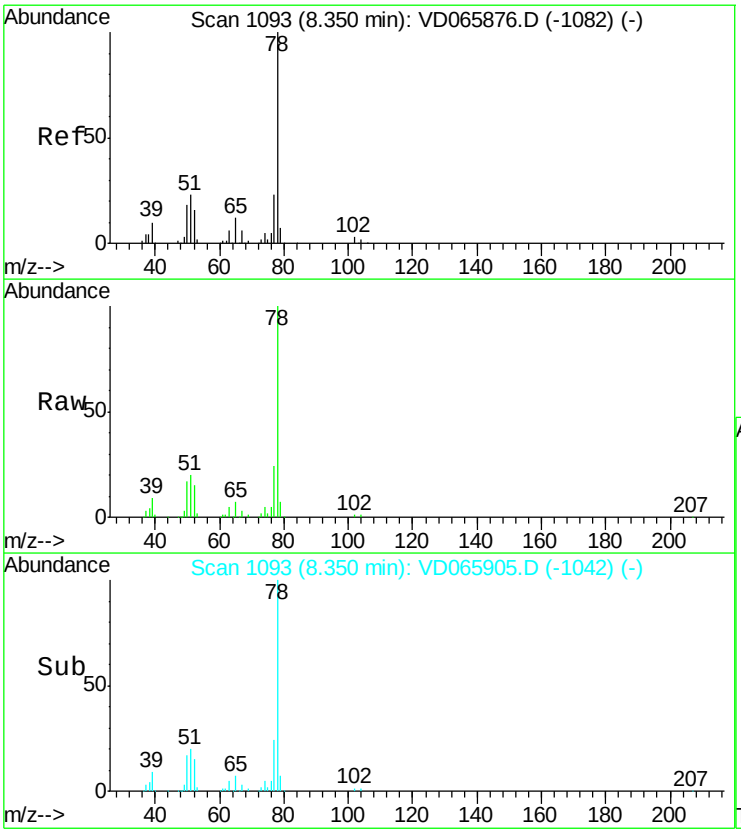
#39
Methylcyclohexane
Concen: 2.679 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Tgt Ion: 83 Resp: 5735

Ion	Ratio	Lower	Upper
83	100		
55	64.9	62.2	93.4
98	66.9	39.6	59.4#

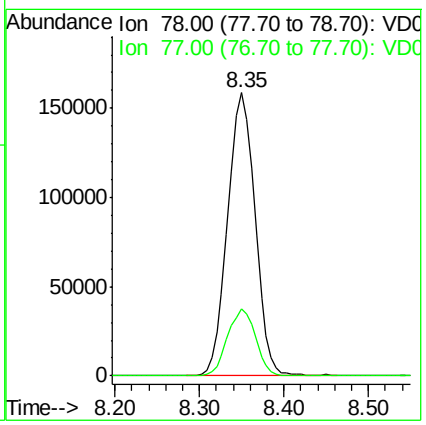


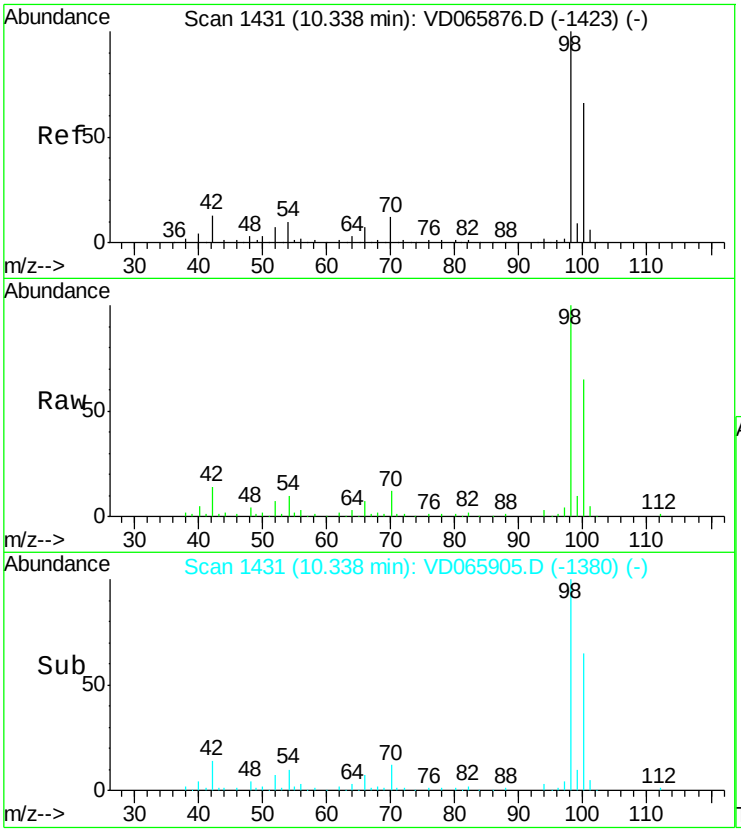


#40
Benzene
Concen: 71.497 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Tgt Ion: 78 Resp: 357421

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2



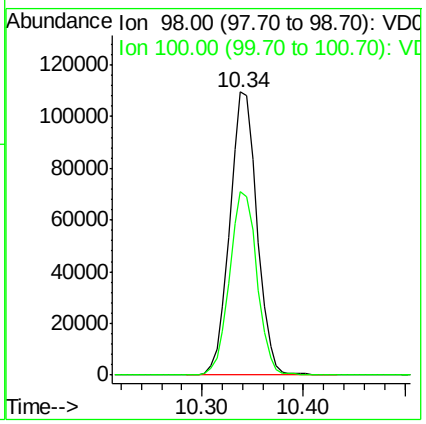


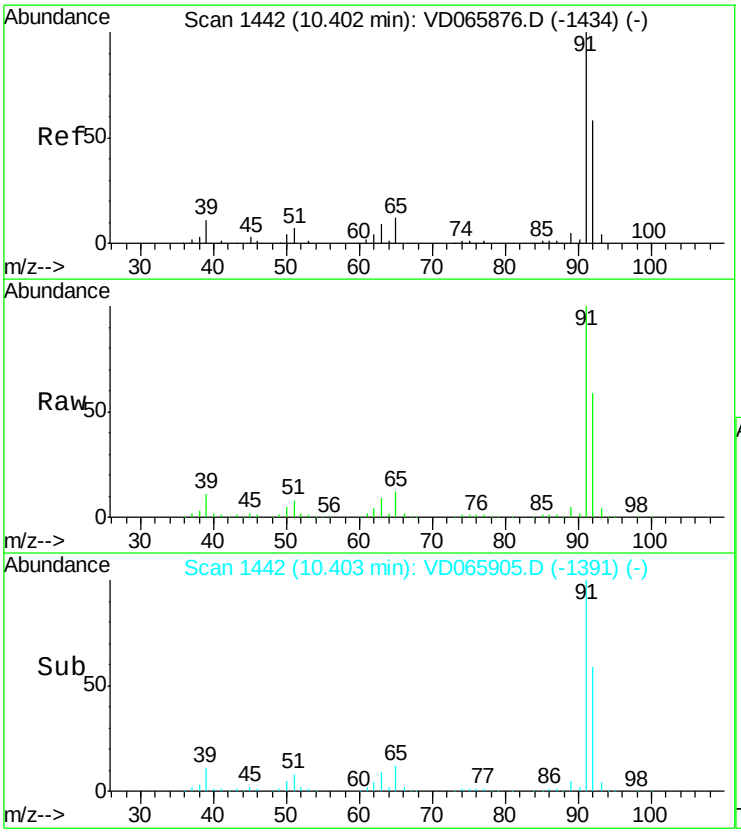
#50
Toluene-d8
Concen: 47.640 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Tgt Ion: 98 Resp: 204685

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.3	78.5

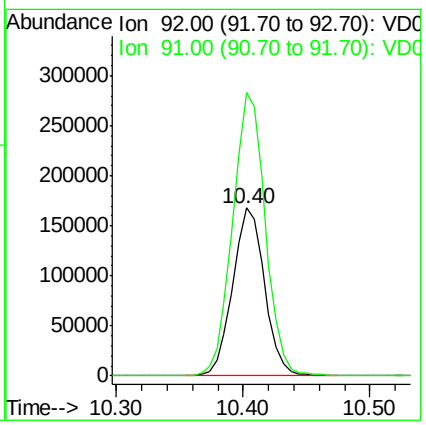


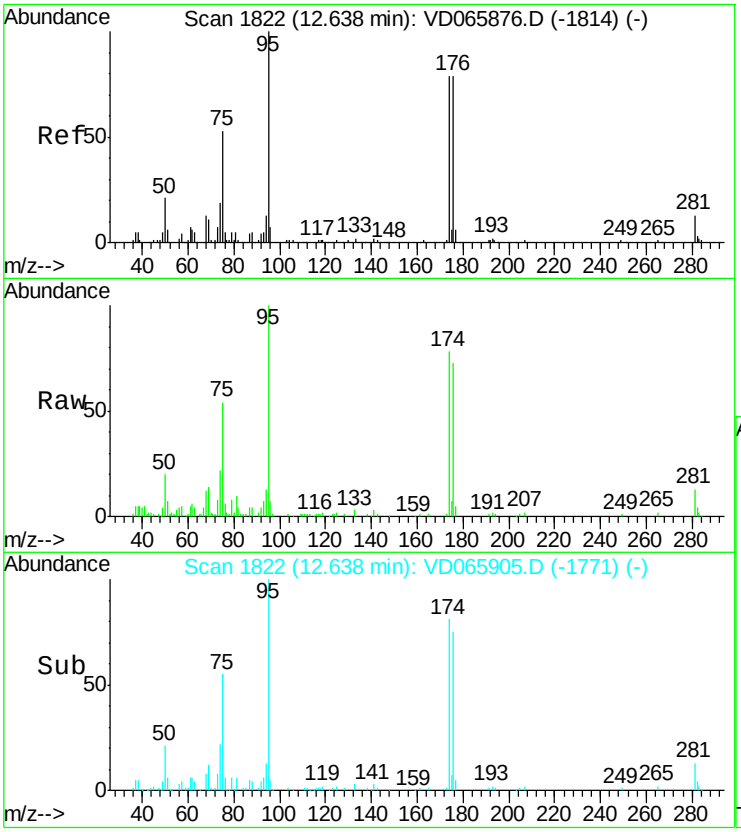


#52
Toluene
Concen: 90.010 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Tgt Ion: 92 Resp: 292553

Ion	Ratio	Lower	Upper
92	100		
91	172.4	140.8	211.2



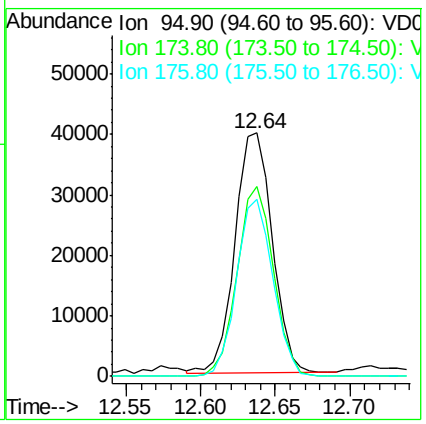


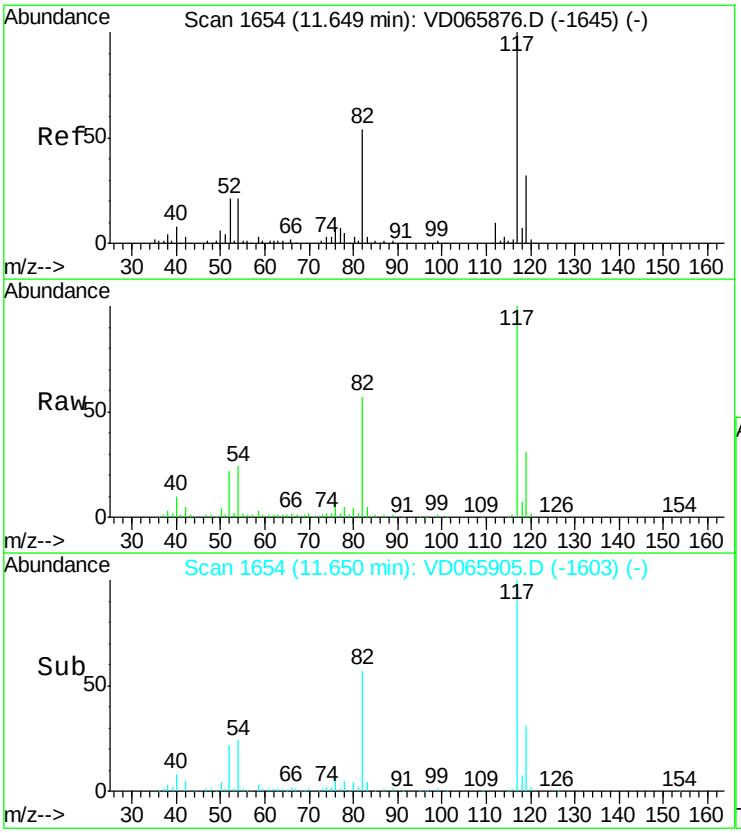
#62
4-Bromofluorobenzene
Concen: 48.759 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Tgt Ion: 95 Resp: 68630

Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	158.4
176	71.8	0.0	156.0

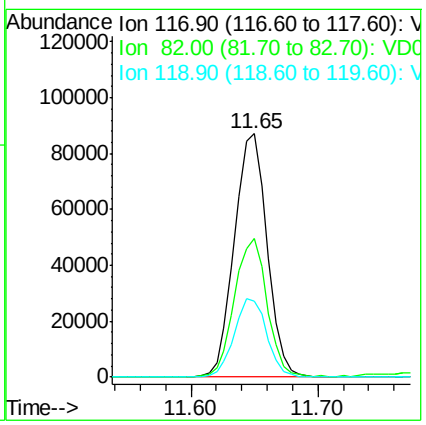


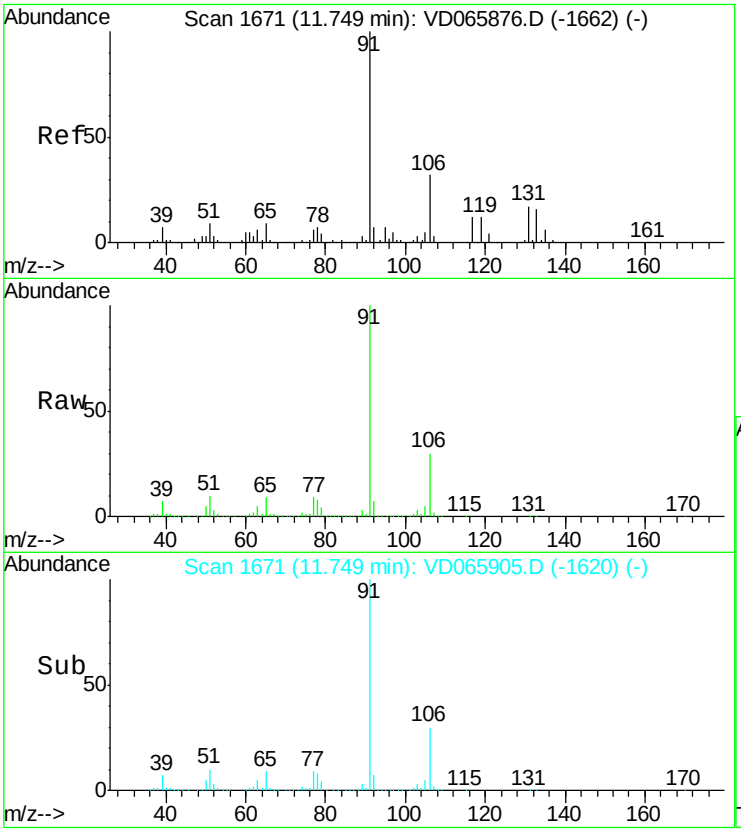


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Tgt Ion:117 Resp: 156035

Ion	Ratio	Lower	Upper
117	100		
82	57.2	43.6	65.4
119	31.0	25.9	38.9



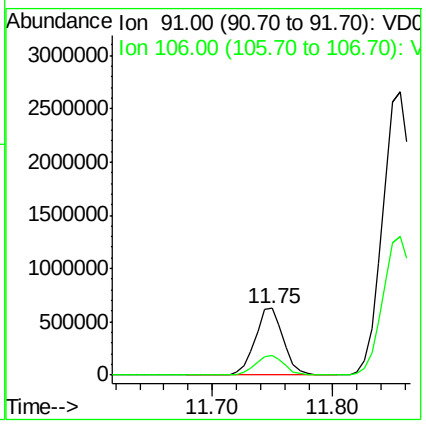


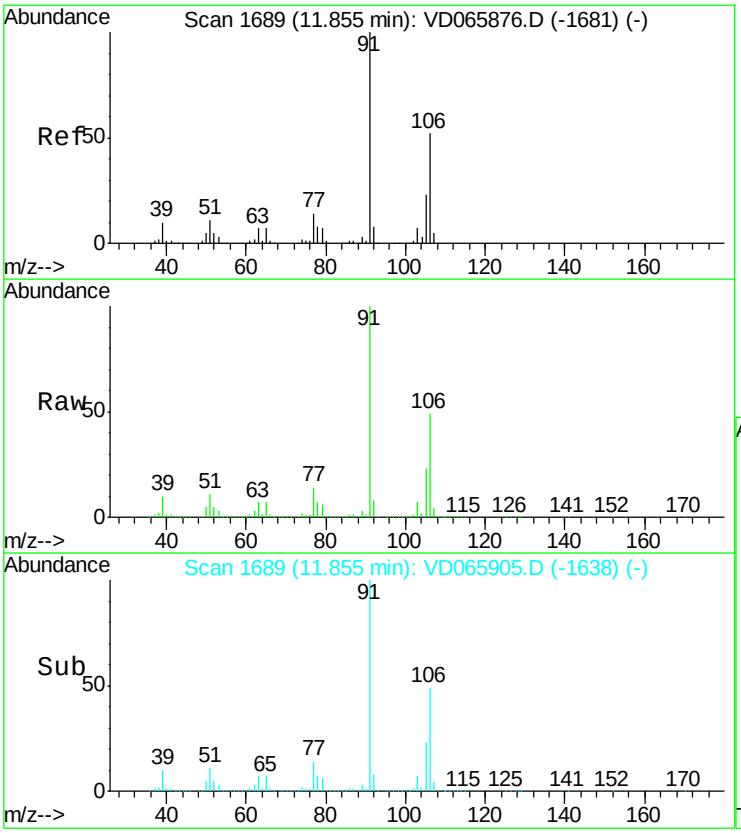
#67
Ethyl Benzene
Concen: 177.859 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Instrument : MSVOA_D
ClientSampleId : MUDDY-DRUM

Tgt Ion: 91 Resp: 1022386

Ion	Ratio	Lower	Upper
91	100		
106	29.6	25.3	37.9

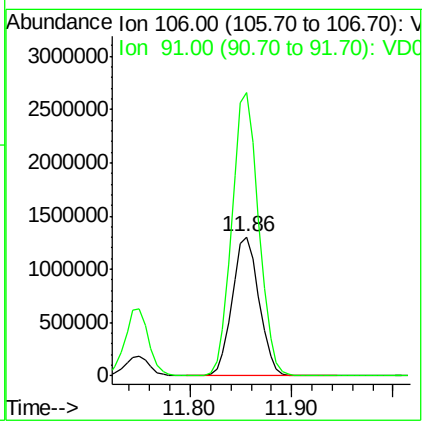


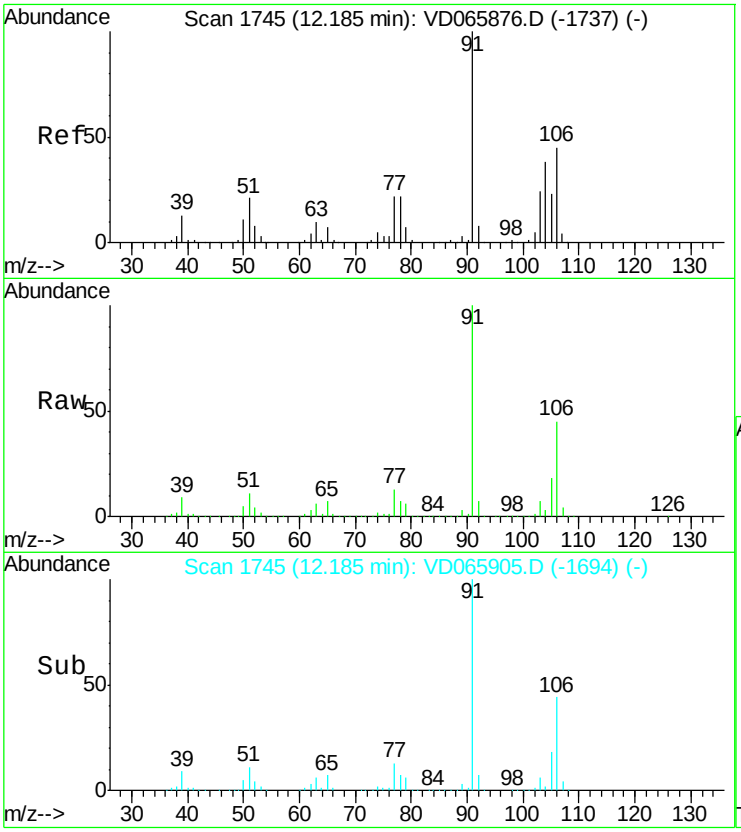


#68
m/p-Xylenes
Concen: 1095.755 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Tgt Ion:106 Resp: 2398157

Ion	Ratio	Lower	Upper
106	100		
91	202.9	159.5	239.3



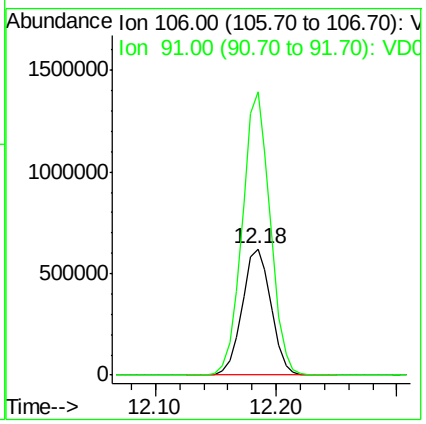


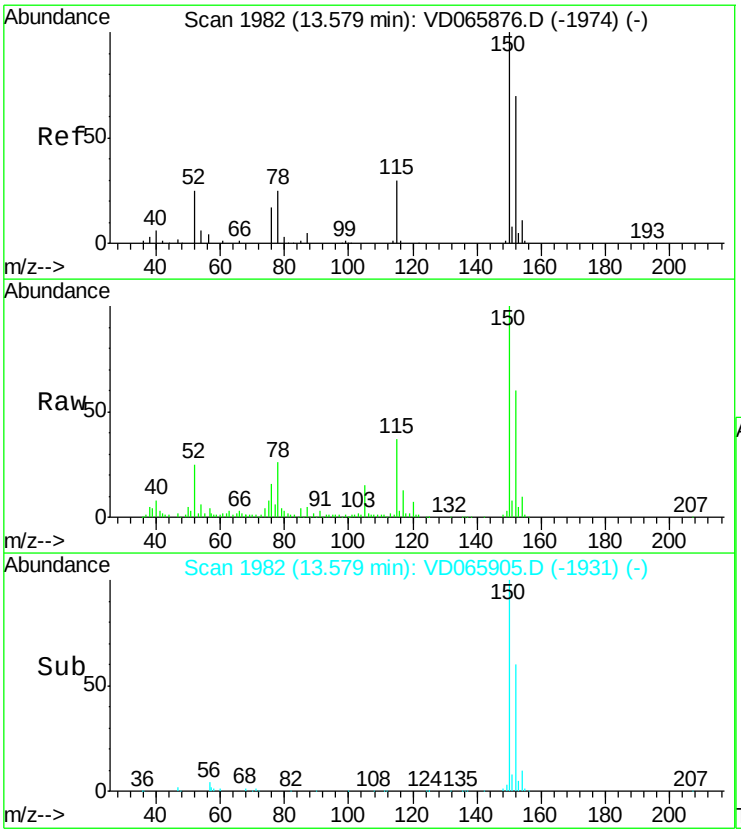
#69
o-Xylene
Concen: 524.681 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Tgt Ion:106 Resp: 1031906

Ion	Ratio	Lower	Upper
106	100		
91	216.8	107.5	322.6

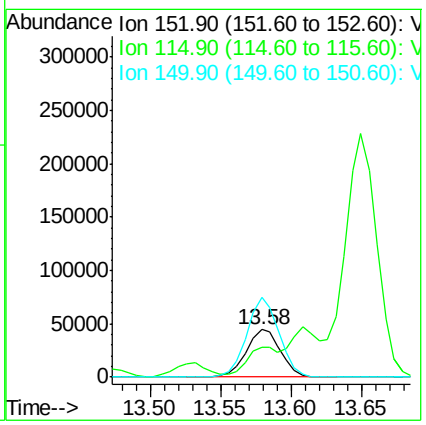


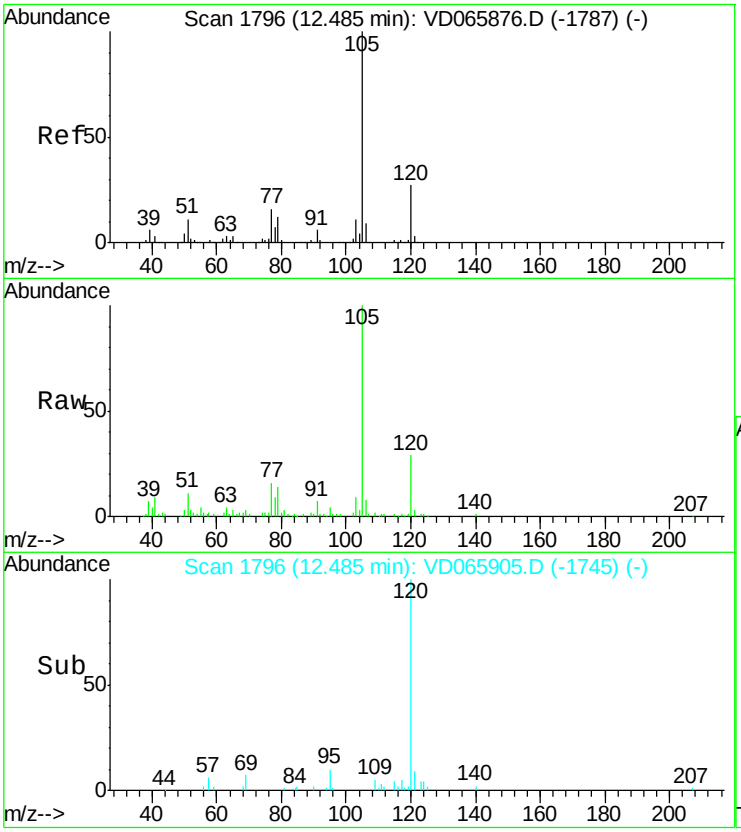


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Tgt Ion:152 Resp: 75674

Ion	Ratio	Lower	Upper
152	100		
115	48.8	29.7	89.1
150	158.2	0.0	346.2



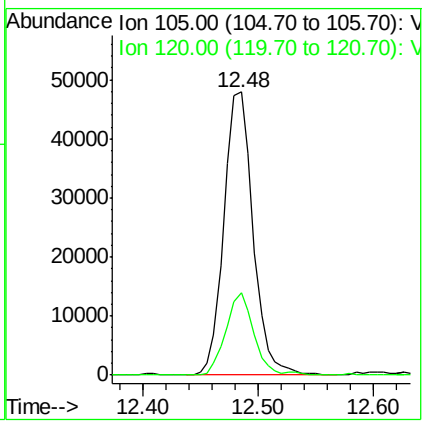


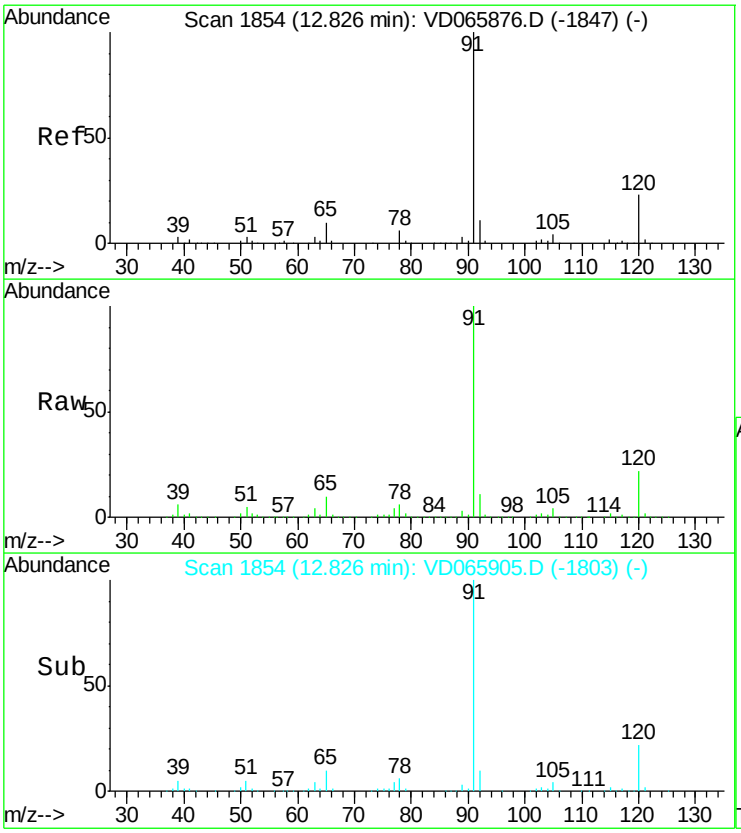
#73
Isopropylbenzene
Concen: 15.552 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Tgt Ion:105 Resp: 84292

Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.3	39.8

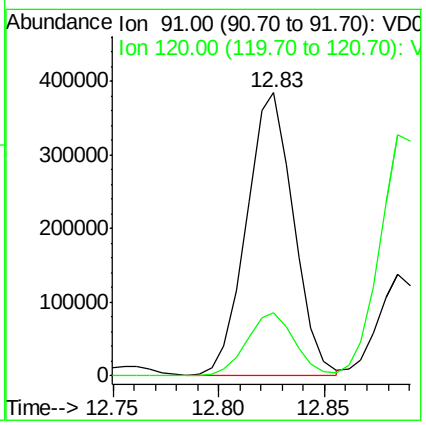


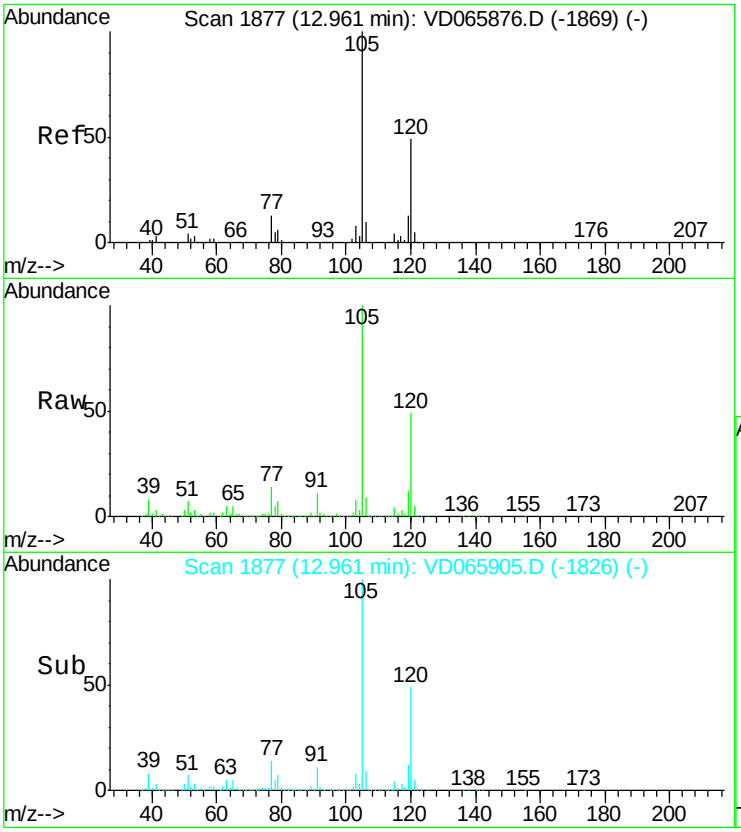


#78
n-propylbenzene
Concen: 90.884 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Tgt Ion: 91 Resp: 593448

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.5	34.5



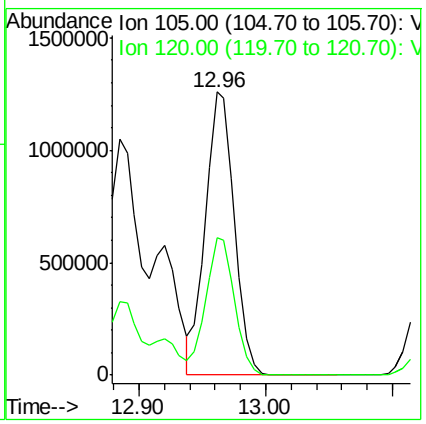


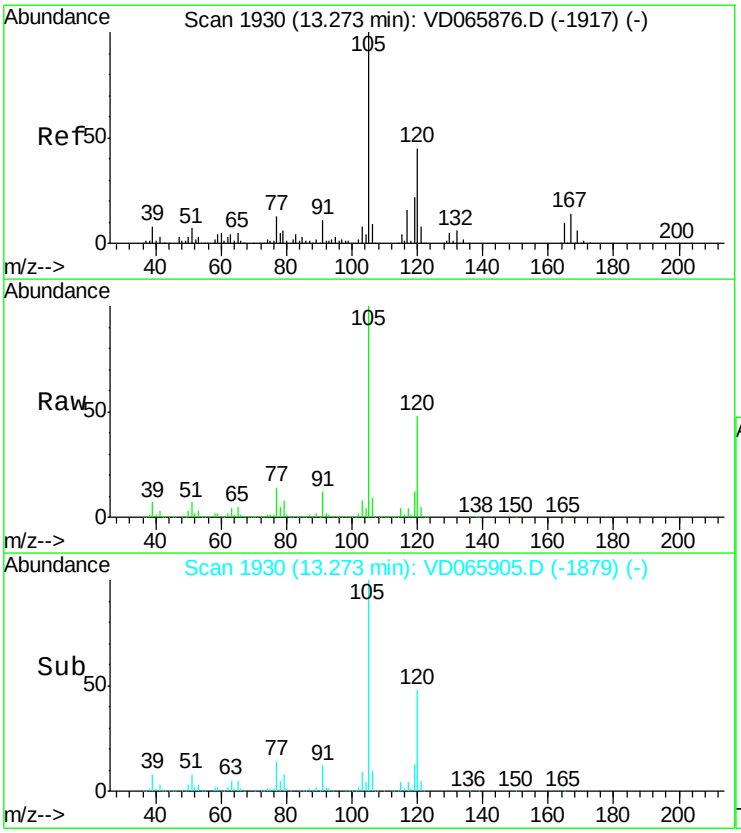
#80
1,3,5-Trimethylbenzene
Concen: 440.304 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Tgt Ion:105 Resp: 1994985

Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.3	72.8

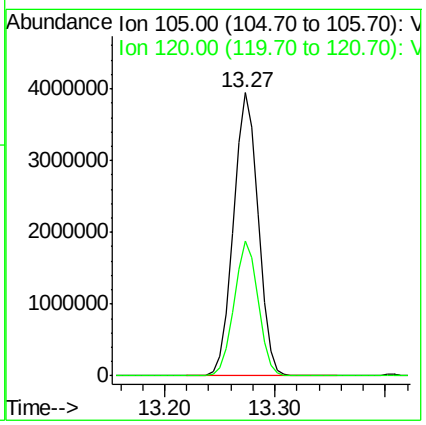


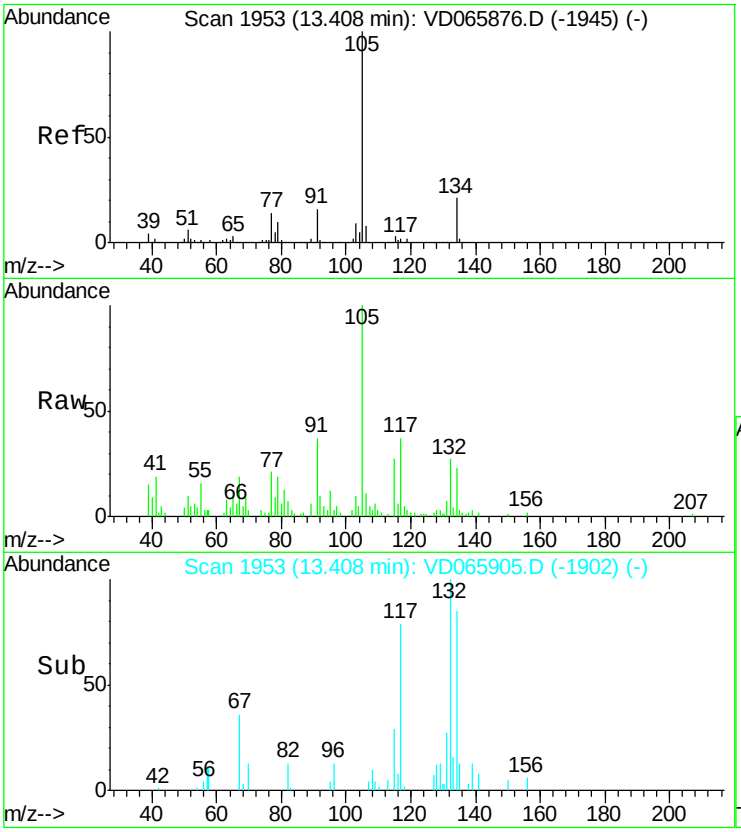


#84
1,2,4-Trimethylbenzene
Concen: 1390.277 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Tgt Ion:105 Resp: 6205206

Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.0	69.0



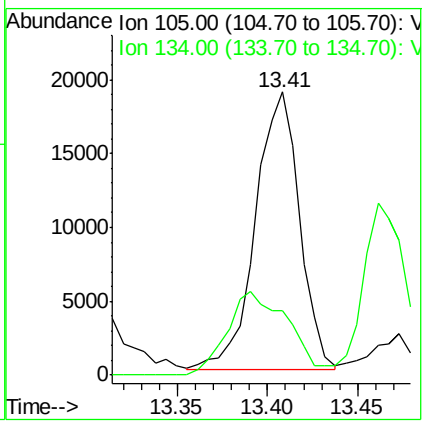


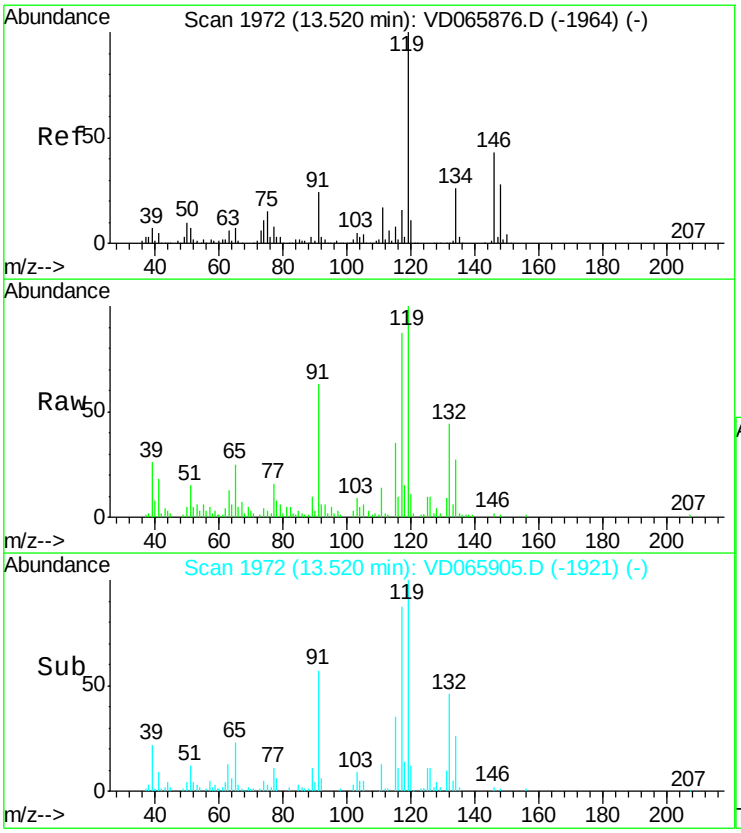
#85
sec-Butylbenzene
Concen: 5.837 ug/l m
RT: 13.41 min Scan# 1953
Delta R.T. 0.00 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Instrument :
MSVOA_D
ClientSampleId :
MUDDY-DRUM

Tgt Ion:105 Resp: 31719

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.0	29.8#

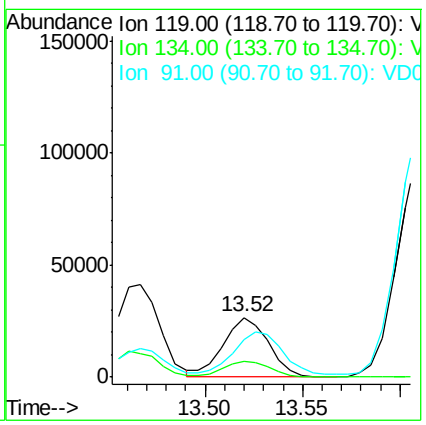


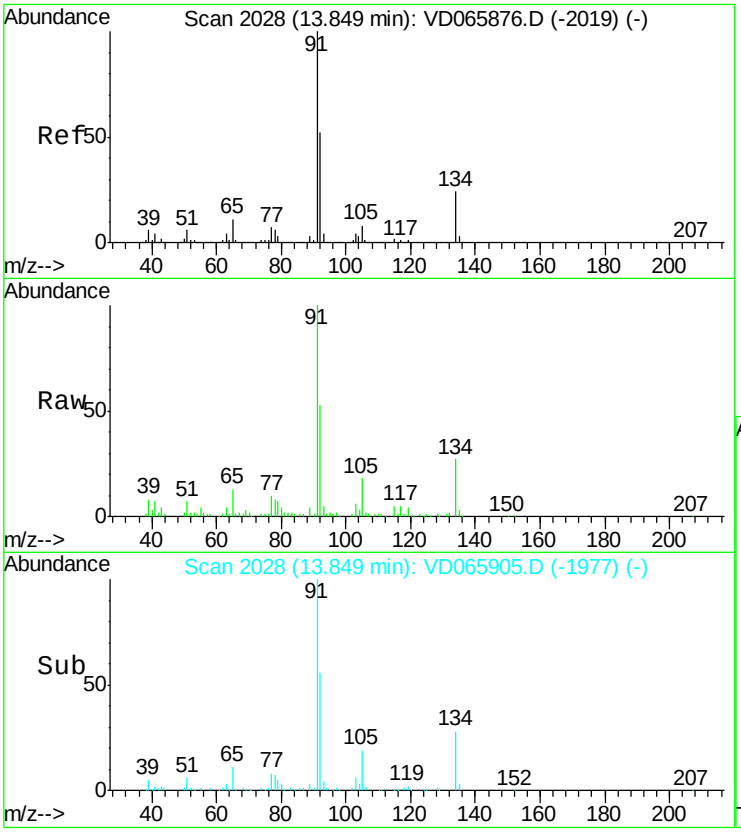


#86
p-Isopropyltoluene
Concen: 8.500 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Tgt Ion:119 Resp: 41954

Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.4	40.1
91	78.3	12.0	36.1#



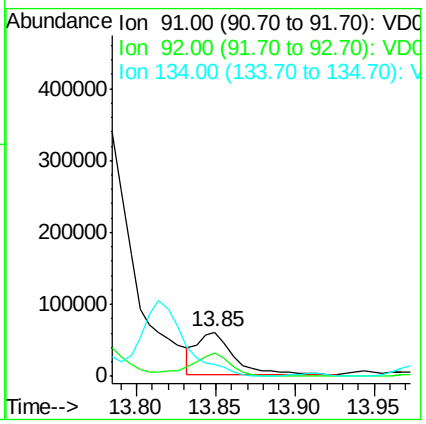


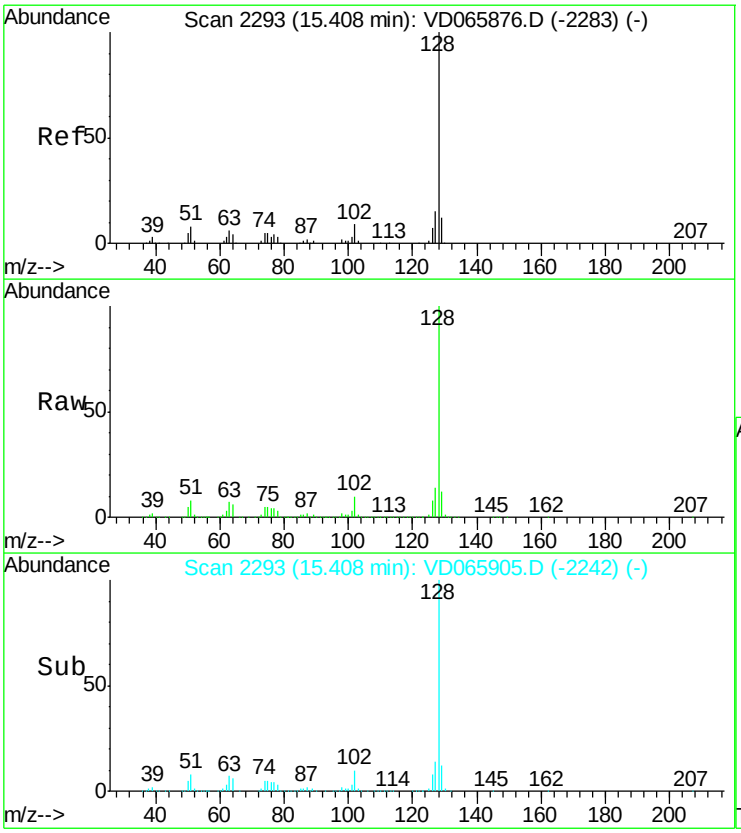
#89
n-Butylbenzene
Concen: 19.326 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Instrument : MSVOA_D
ClientSampleId : MUDDY-DRUM

Tgt Ion: 91 Resp: 93011

Ion	Ratio	Lower	Upper
91	100		
92	59.9	26.5	79.4
134	0.0	12.4	37.2#





#95
Naphthalene
Concen: 3807.783 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD065905.D
Acq: 01 Jul 2020 14:54

Tgt Ion:128 Resp: 8989283

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.8	16.2
129	11.4	8.8	13.2