Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY070220\
Data File : VY003079.D
Acq On : 02 Jul 2020 12:48
Operator : SY/MD
Sample : L3188-01
Misc : 7.15G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TR-04-070120

Manual Integrations APPROVED
MMDadoda
7/6/2020 10:43:24 AM

Quant Time: Jul 03 02:58:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	297151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	468587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	437431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	211121	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	167238	56.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.34%			
35) Dibromofluoromethane	7.72	113	157633	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.86%			
50) Toluene-d8	10.18	98	560305	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.90%			
62) 4-Bromofluorobenzene	12.48	95	193040	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.72%			
Target Compounds						Qvalue
16) Acetone	3.96	43	9248	13.286	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	14730	5.524	ug/l	97
68) m/p-Xylenes	11.70	106	12266	2.089	ug/l	92
69) o-Xylene	12.03	106	6735	1.217	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	13781	1.189	ug/l	90
84) 1,2,4-Trimethylbenzene	13.12	105	49634	4.248	ug/l	94
89) n-Butylbenzene	13.69	91	12823m	1.031	ug/l	
95) Naphthalene	15.23	128	71421	8.868	ug/l	98

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

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Instrument :
MSVOA_Y
ClientSampleId :
TR-04-070120

Manual Integrations APPROVED
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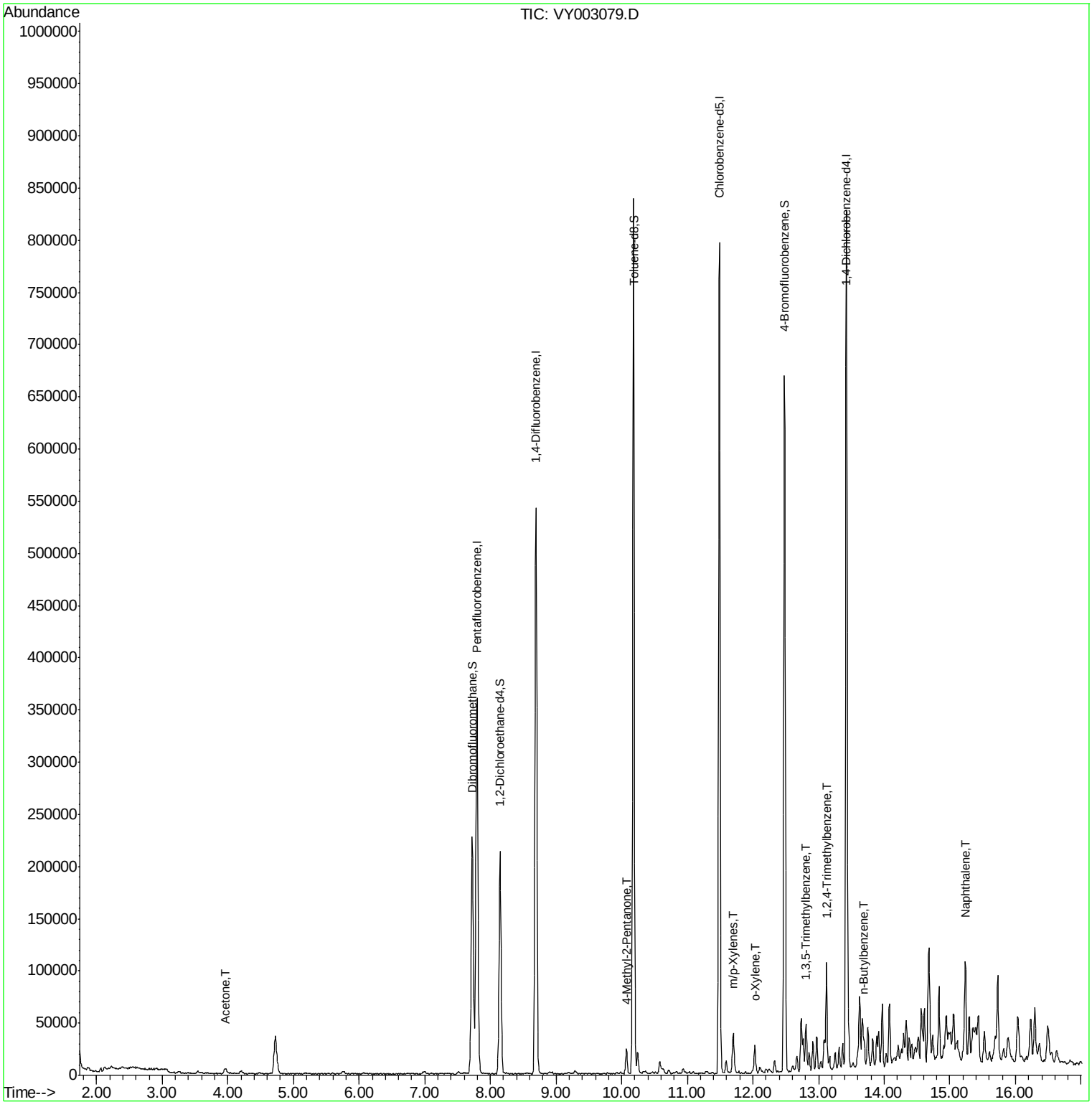

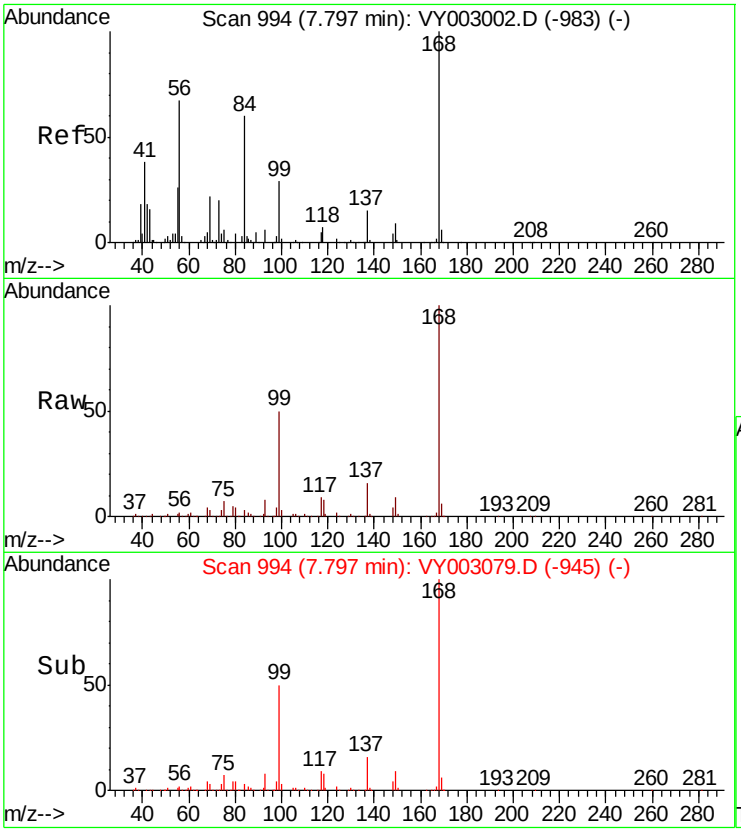

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY003079.D
Acq: 02 Jul 2020 12:48

Tgt Ion:168 Resp: 297151

Ion	Ratio	Lower	Upper
168	100		
99	49.9	39.2	58.8

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-070120

Manual Integrations APPROVED
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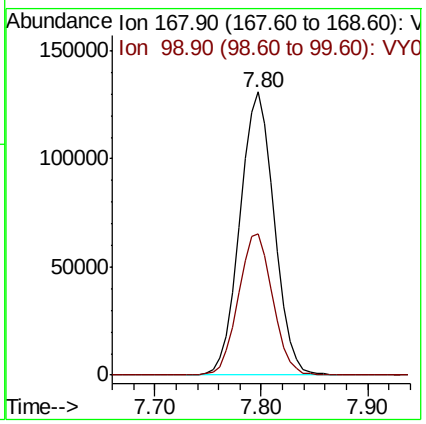
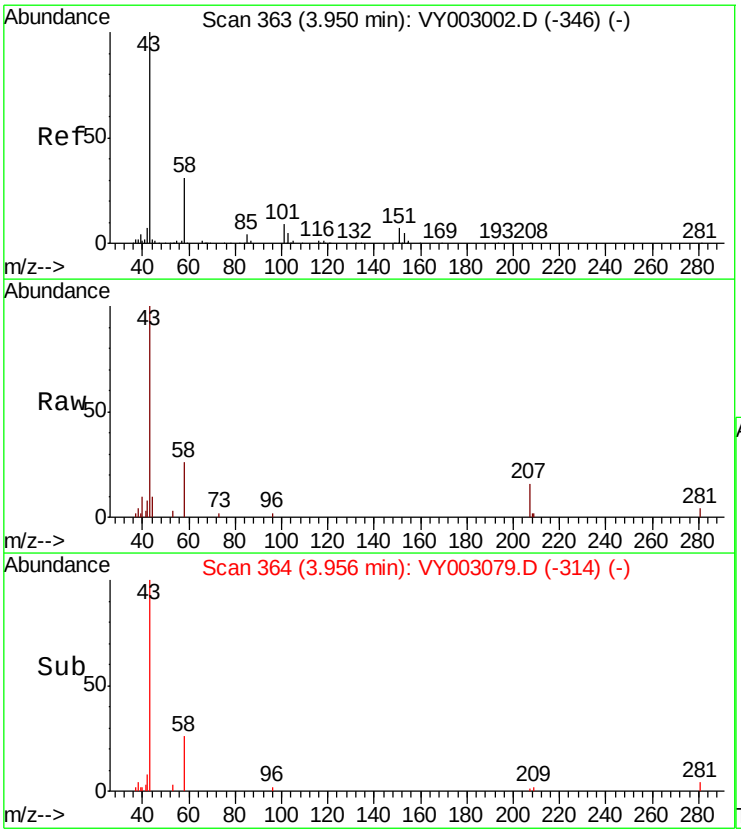
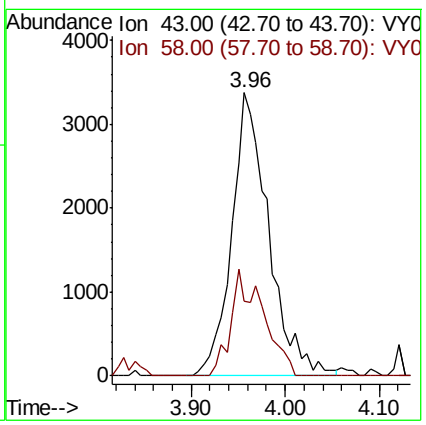


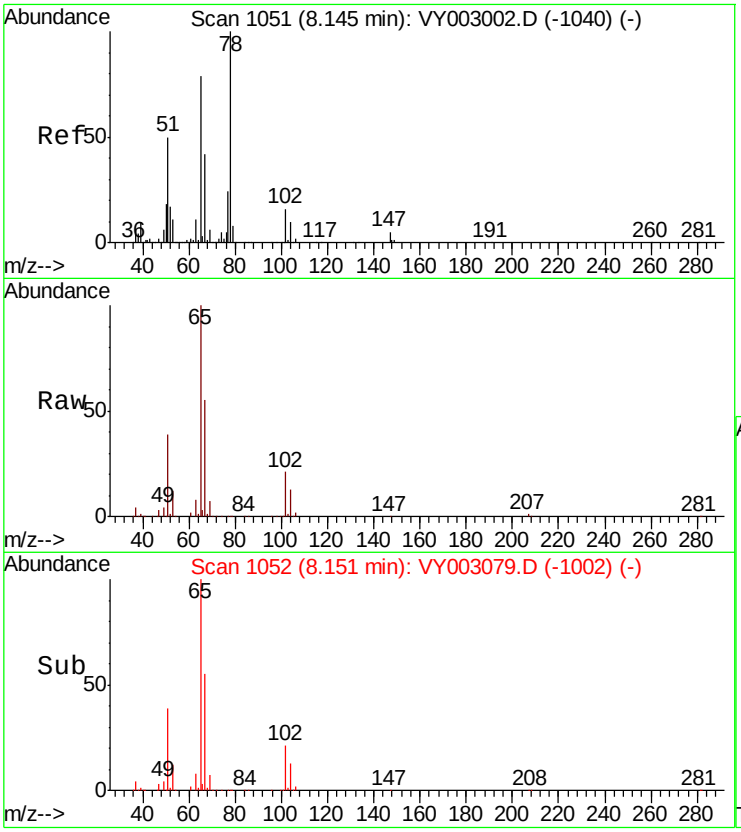


#16
Acetone
Concen: 13.286 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003079.D
Acq: 02 Jul 2020 12:48

Tgt Ion: 43 Resp: 9248

Ion	Ratio	Lower	Upper
43	100		
58	26.3	24.7	37.1

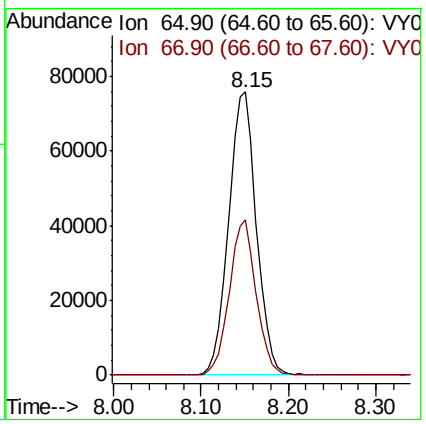




#33
1,2-Dichloroethane-d4
Concen: 56.666 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003079.D
Acq: 02 Jul 2020 12:48

Tgt Ion: 65 Resp: 167238

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.6



Instrument :
MSVOA_Y
ClientSampleId :
TR-04-070120

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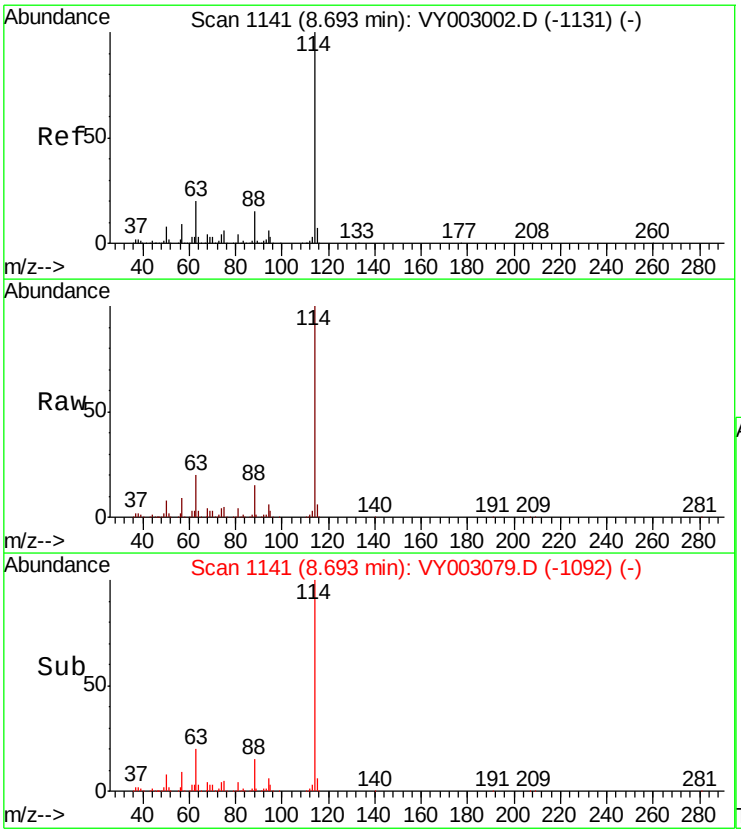
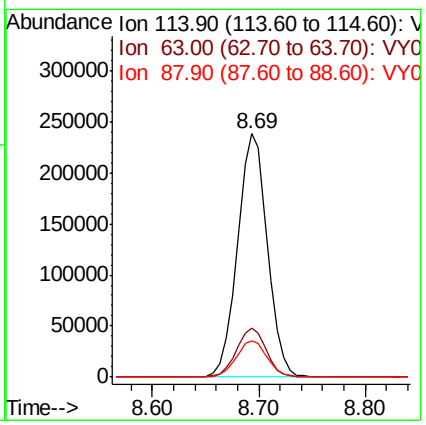
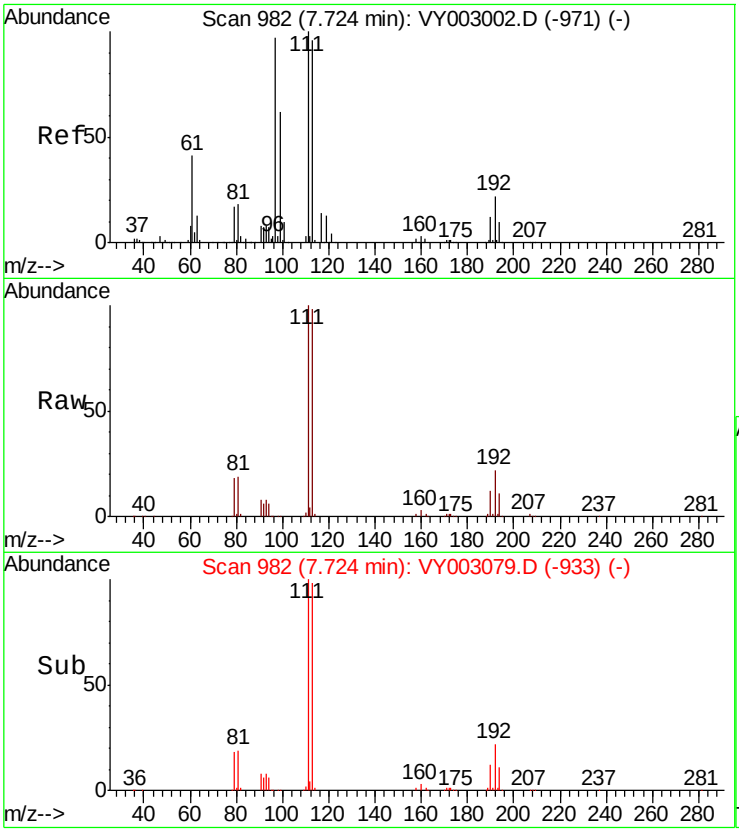


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003079.D
Acq: 02 Jul 2020 12:48

Tgt Ion:114 Resp: 468587

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.6
88	15.0	0.0	30.0

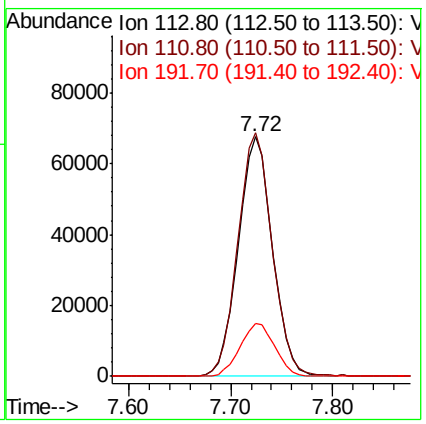




#35
Dibromofluoromethane
Concen: 53.926 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003079.D
Acq: 02 Jul 2020 12:48

Tgt Ion:113 Resp: 157633

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	123.8
192	22.5	18.1	27.1



Instrument :
MSVOA_Y
ClientSampleId :
TR-04-070120

Manual Integrations APPROVED
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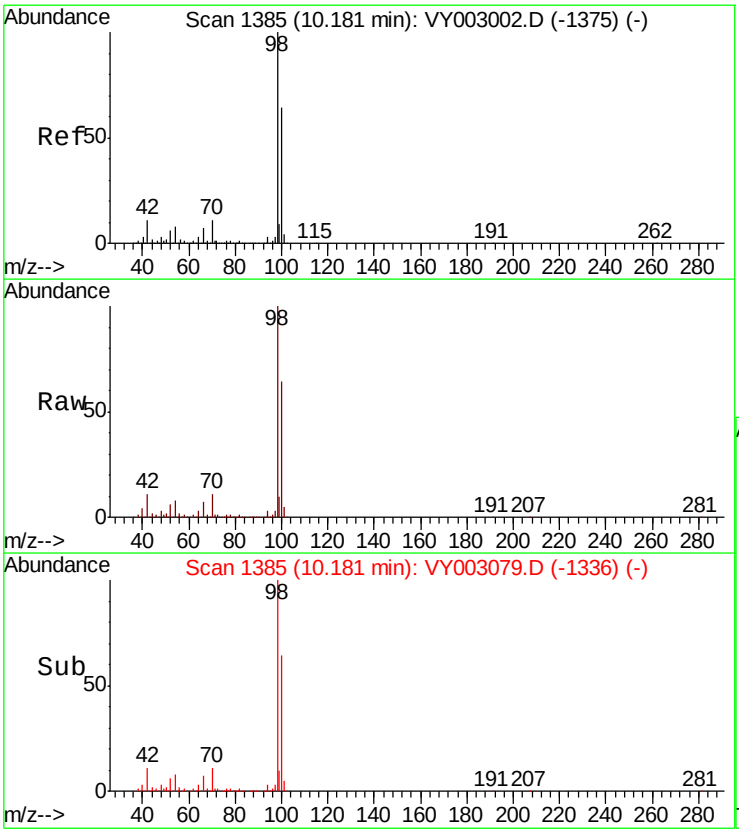
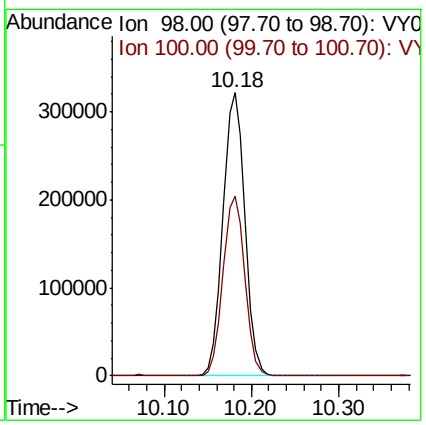
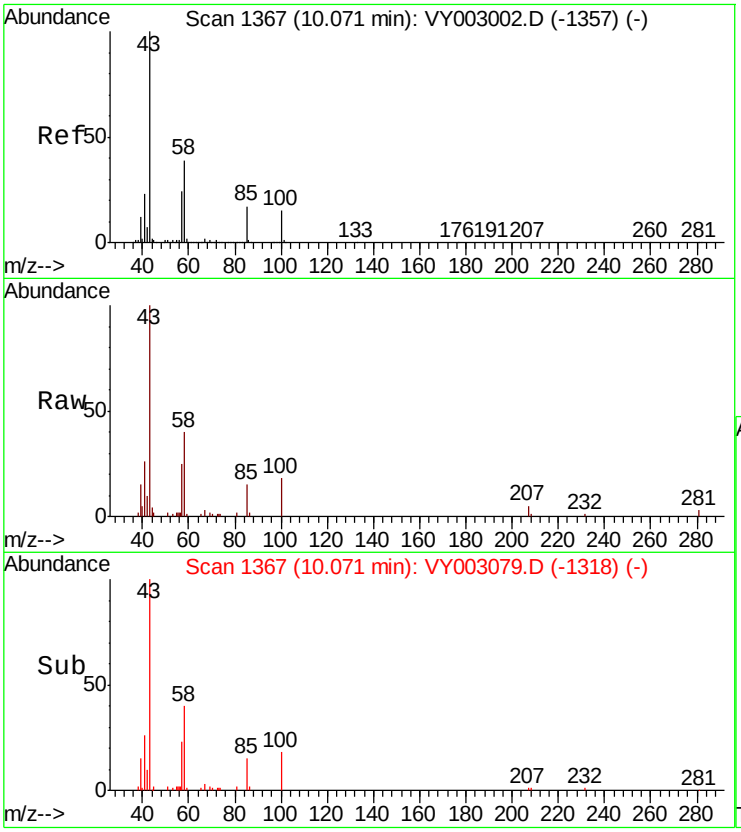


#50
Toluene-d8
Concen: 51.452 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003079.D
Acq: 02 Jul 2020 12:48

Tgt Ion: 98 Resp: 560305

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.1	76.7





#51
4-Methyl-2-Pentanone
Concen: 5.524 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003079.D
Acq: 02 Jul 2020 12:48

Tgt Ion: 43 Resp: 14730

Ion	Ratio	Lower	Upper
43	100		
58	40.4	31.1	46.7

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-070120

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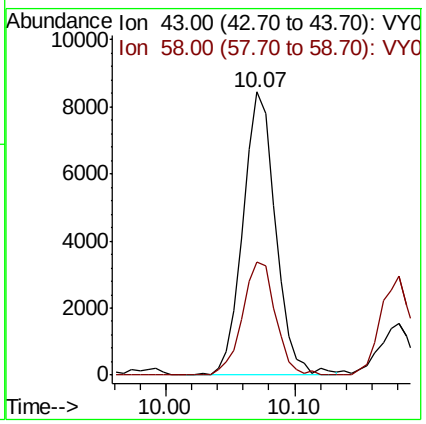
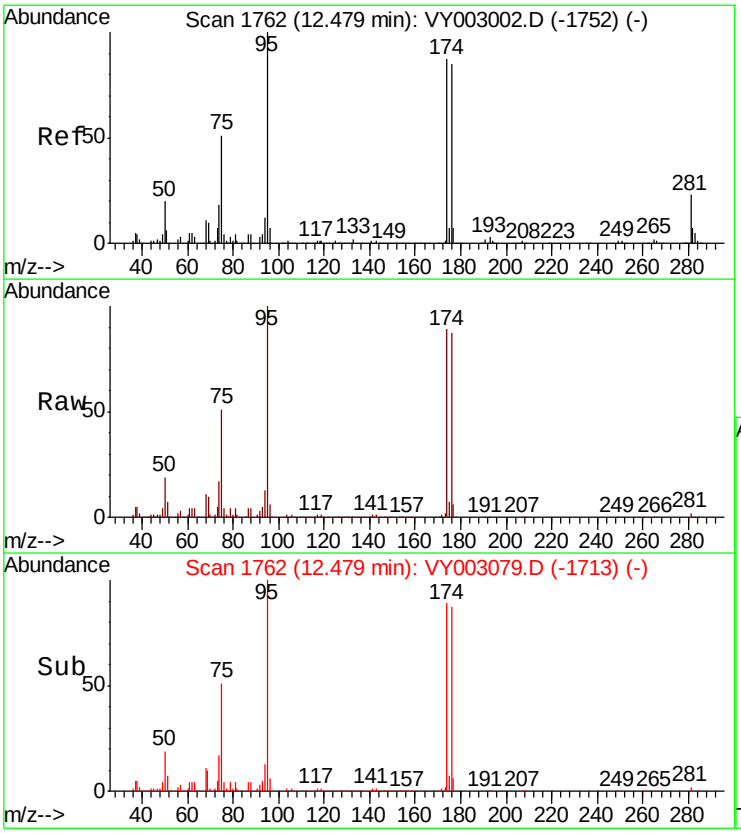
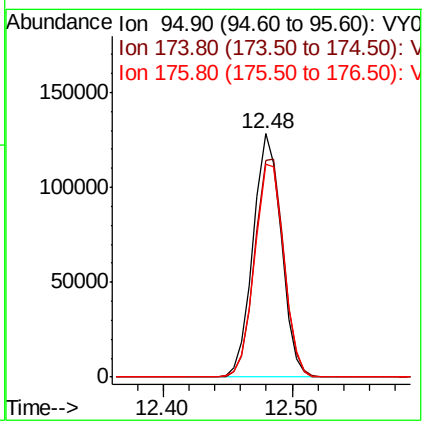


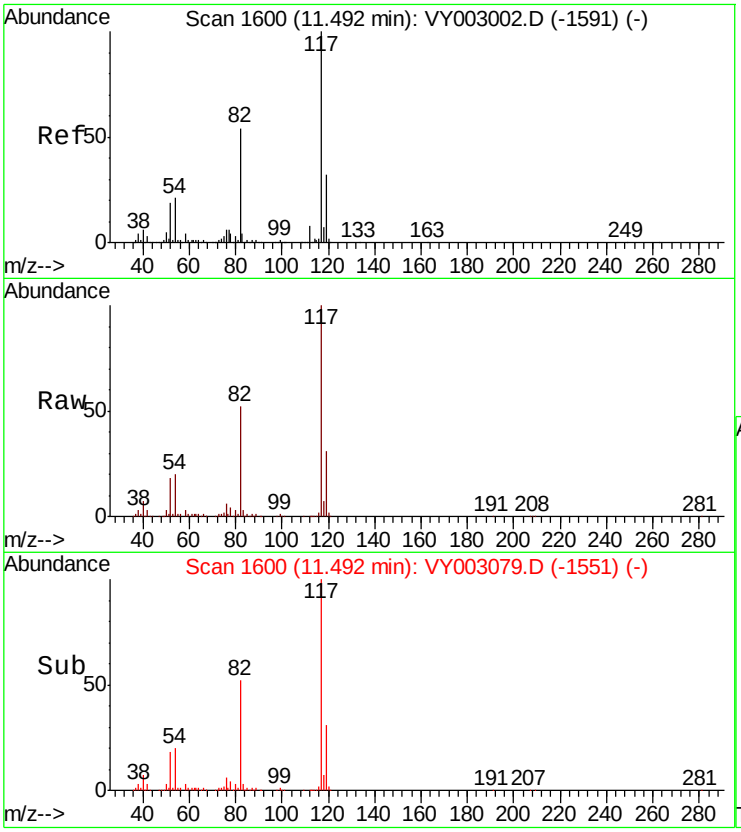


#62
4-Bromofluorobenzene
Concen: 50.359 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003079.D
Acq: 02 Jul 2020 12:48

Tgt Ion: 95 Resp: 193040

Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	184.8
176	91.0	0.0	183.0

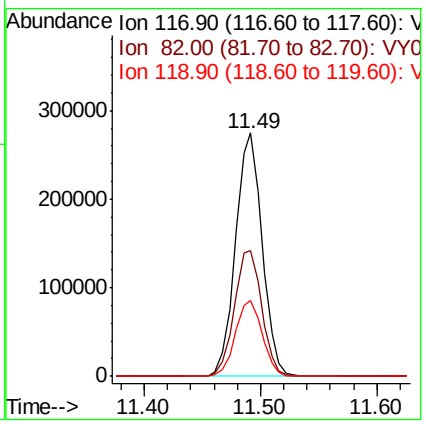




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003079.D
Acq: 02 Jul 2020 12:48

Tgt Ion:117 Resp: 437431

Ion	Ratio	Lower	Upper
117	100		
82	51.9	43.0	64.6
119	31.2	25.8	38.8



Instrument :
MSVOA_Y
ClientSampleId :
TR-04-070120

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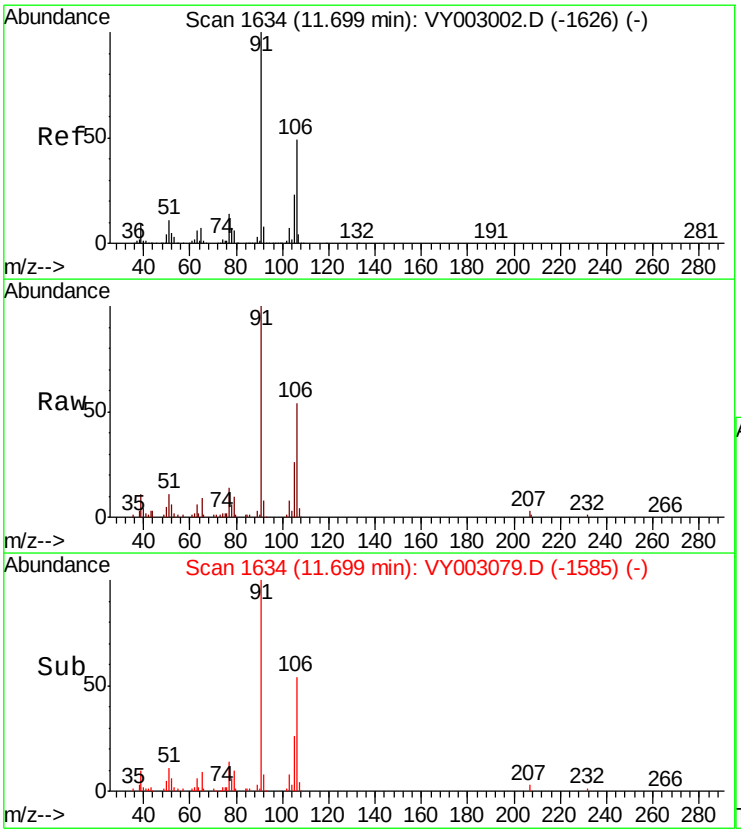
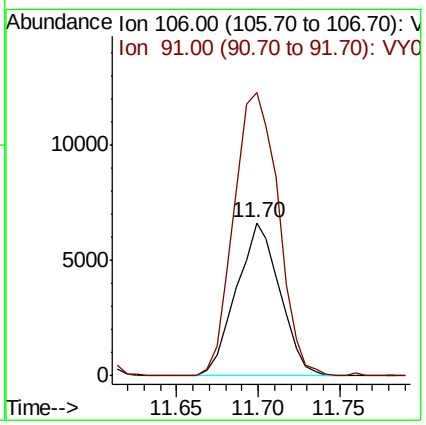
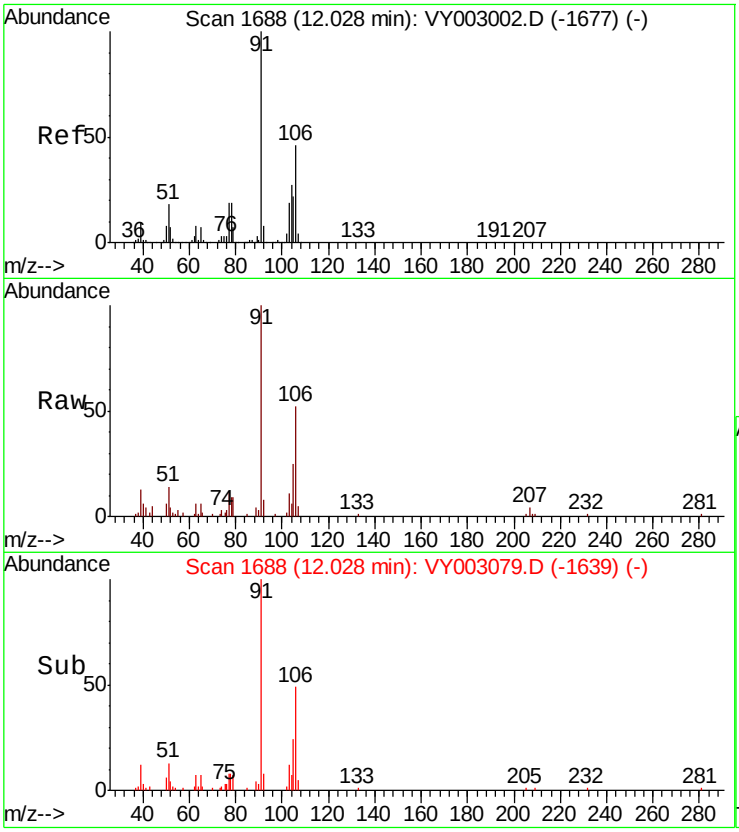


#68
m/p-Xylenes
Concen: 2.089 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003079.D
Acq: 02 Jul 2020 12:48

Tgt Ion:106 Resp: 12266

Ion	Ratio	Lower	Upper
106	100		
91	190.2	161.9	242.9





#69
o-Xylene
Concen: 1.217 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003079.D
Acq: 02 Jul 2020 12:48

Tgt Ion:106 Resp: 6735

Ion	Ratio	Lower	Upper
106	100		
91	209.7	107.9	323.8

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-070120

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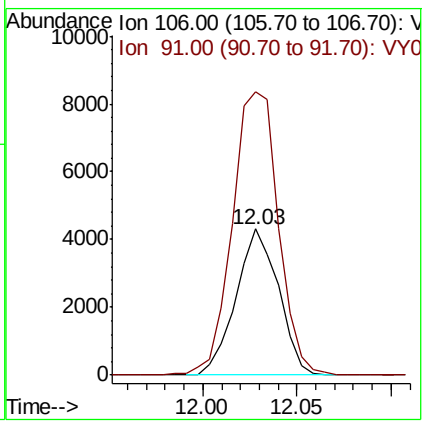
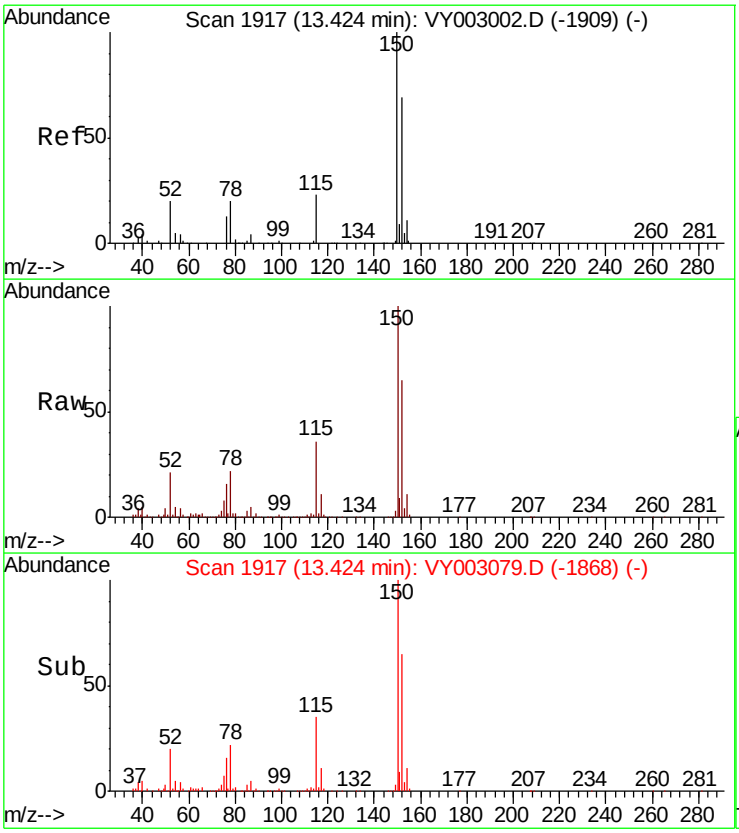
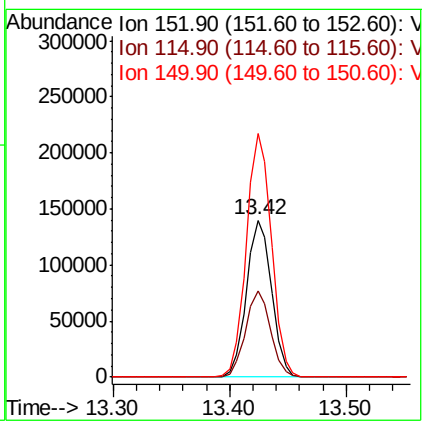


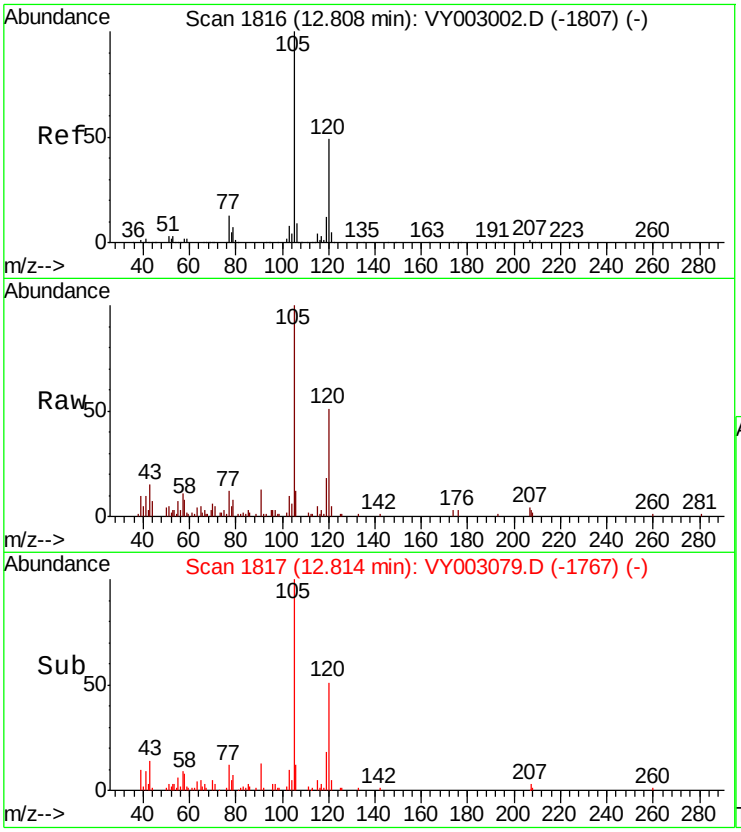


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003079.D
Acq: 02 Jul 2020 12:48

Tgt Ion:152 Resp: 211121

Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.3	81.9
150	155.0	0.0	343.4

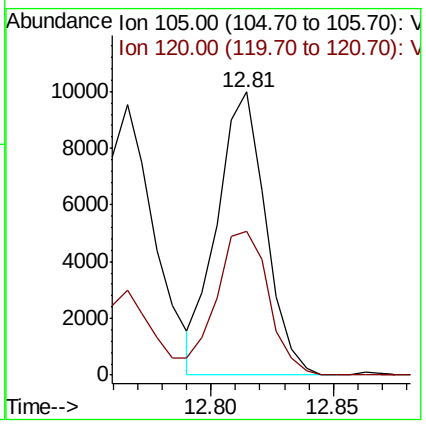




#80
1,3,5-Trimethylbenzene
Concen: 1.189 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.01 min
Lab File: VY003079.D
Acq: 02 Jul 2020 12:48

Tgt Ion:105 Resp: 13781

Ion	Ratio	Lower	Upper
105	100		
120	55.9	24.6	73.6



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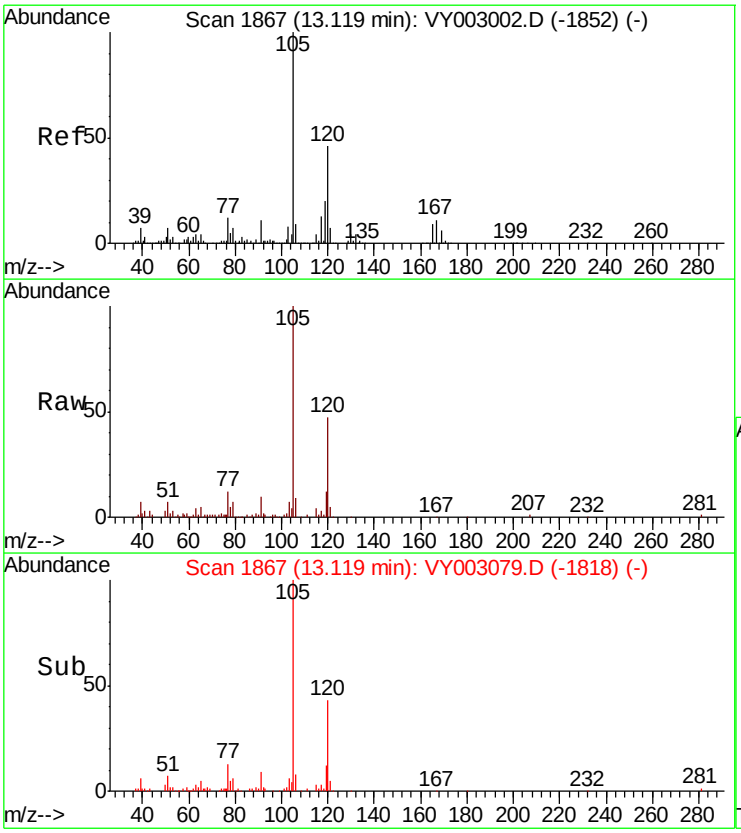
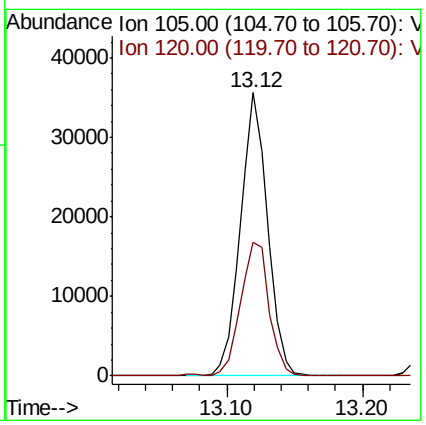
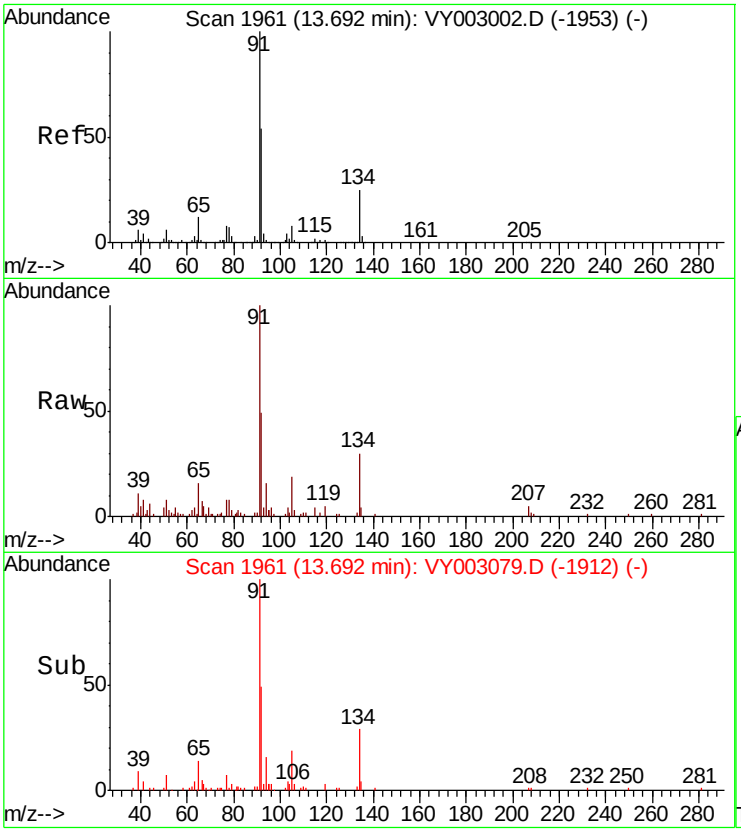


#84
1,2,4-Trimethylbenzene
Concen: 4.248 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003079.D
Acq: 02 Jul 2020 12:48

Tgt Ion:105 Resp: 49634

Ion	Ratio	Lower	Upper
105	100		
120	49.3	22.6	67.8





#89
n-Butylbenzene
Concen: 1.031 ug/l m
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003079.D
Acq: 02 Jul 2020 12:48

Tgt Ion: 91 Resp: 12823

Ion	Ratio	Lower	Upper
91	100		
92	55.8	26.8	80.3
134	0.0	13.1	39.1#

Instrument :
MSVOA_Y
ClientSampleId :
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Manual Integrations APPROVED
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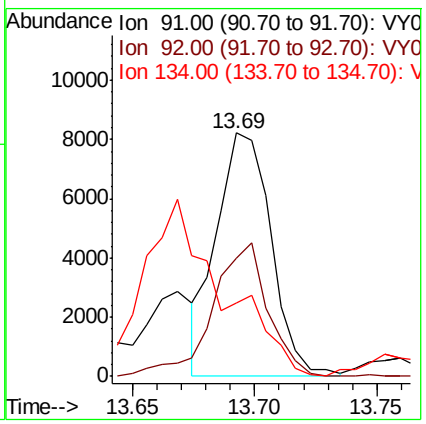

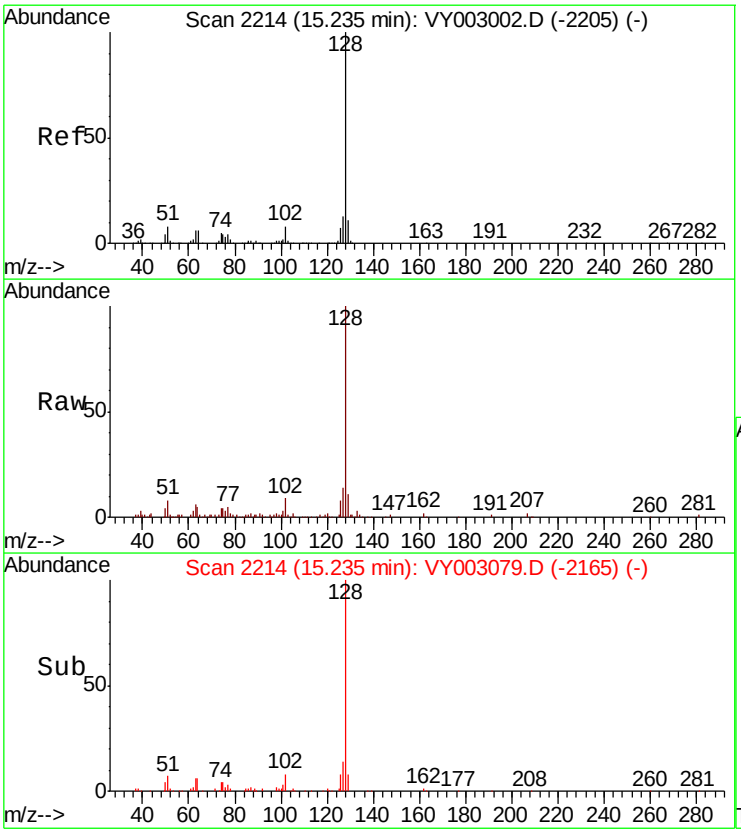

#95
Naphthalene
Concen: 8.868 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003079.D
Acq: 02 Jul 2020 12:48

Tgt Ion:128 Resp: 71421

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.8	16.2
129	12.5	8.8	13.2