Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120820\
Data File : VY003686.D
Acq On : 08 Dec 2020 19:23
Operator : SY/MD
Sample : L4979-04
Misc : 4.85G/10ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GB1F6

Manual Integrations APPROVED
MMDadoda
12/10/2020 9:59:37 AM

Quant Time: Dec 09 02:59:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 09 01:58:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	138492	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	88053	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	19174	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	57166	29.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.76%			
7) Chloroethane-d5	2.77	69	45006	30.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 121.84%			
10) 1,1-Dichloroethene-d2	3.86	63	78602	21.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.32%			
20) 2-Butanone-d5	6.91	46	30827	44.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.30%			
24) Chloroform-d	7.49	84	98313	27.59	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.36%			
26) 1,2-Dichloroethane-d4	8.15	65	54425	27.14	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.56%			
29) Benzene-d6	8.12	84	200661	39.36	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 157.44%#			
33) 1,2-Dichloropropane-d6	9.12	67	57426	38.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 152.28%#			
37) Toluene-d8	10.18	98	142209	31.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 124.48%			
38) trans-1,3-Dichloropropene-	10.44	79	22133	30.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 122.80%			
39) 2-Hexanone-d5	10.79	63	21509	56.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.82%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	30378	22.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.40%			
61) 1,2-Dichlorobenzene-d4	13.72	152	17151	24.62	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.48%			
Target Compounds						Qvalue
13) Acetone	3.96	43	12220	23.876	ug/L	99
16) Methylene chloride	4.72	84	8581	3.529	ug/L	84
21) 2-Butanone	7.00	43	2189m	2.422	ug/L	
30) Cyclohexane	7.79	56	1155	0.609	ug/L #	88
34) Benzene	8.17	78	3509	0.697	ug/L	100
36) Methylcyclohexane	9.19	83	1369	0.646	ug/L #	77
44) Toluene	10.25	91	15501	2.917	ug/L	92
53) Ethylbenzene	11.59	91	10991	1.895	ug/L	94
54) m,p-Xylene	11.70	106	1607	0.718	ug/L	63
55) o-xylene	12.03	106	645	0.301	ug/L	75

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

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Instrument :
MSVOA_Y
ClientSampleId :
GB1F6

Manual Integrations APPROVED
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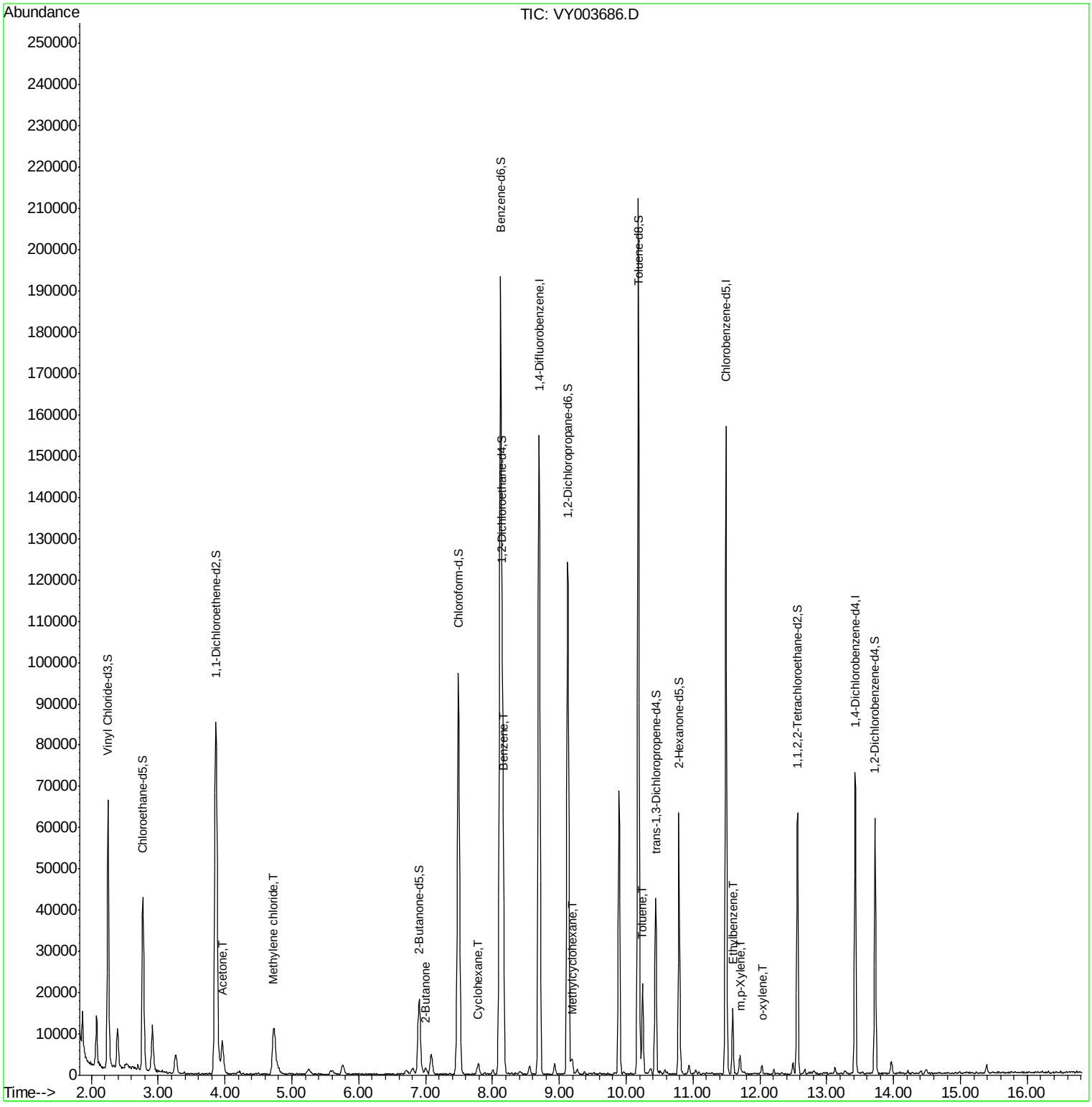

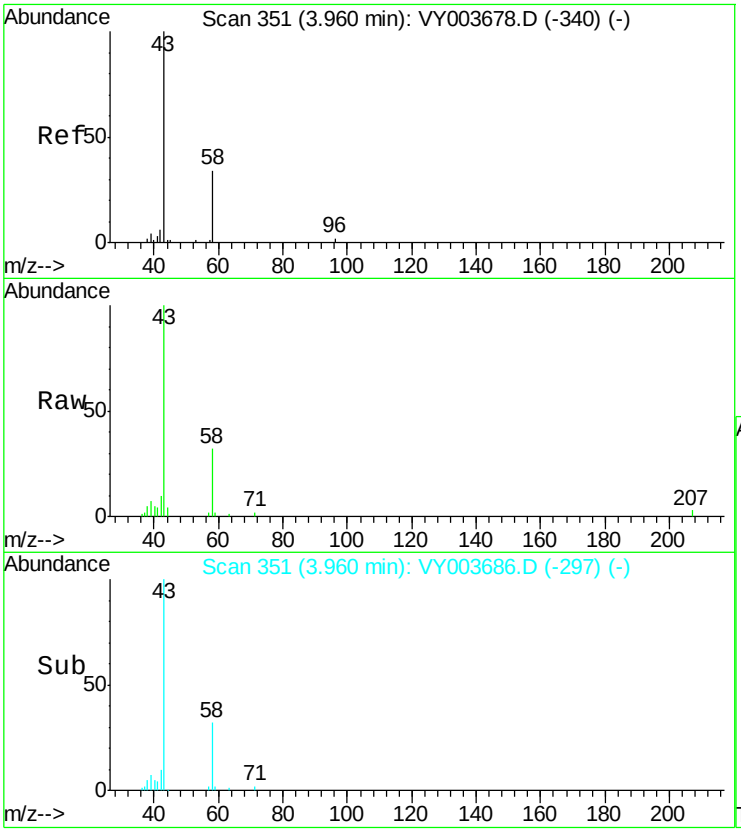

#13
Acetone
Concen: 23.876 ug/L
RT: 3.96 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003686.D
Acq: 08 Dec 2020 19:23

Tgt Ion: 43 Resp: 12220

Ion	Ratio	Lower	Upper
43	100		
58	33.8	0.0	68.8

Instrument :
MSVOA_Y
ClientSampleId :
GB1F6

Manual Integrations APPROVED
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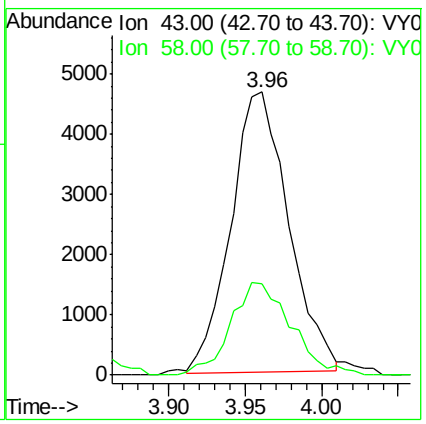
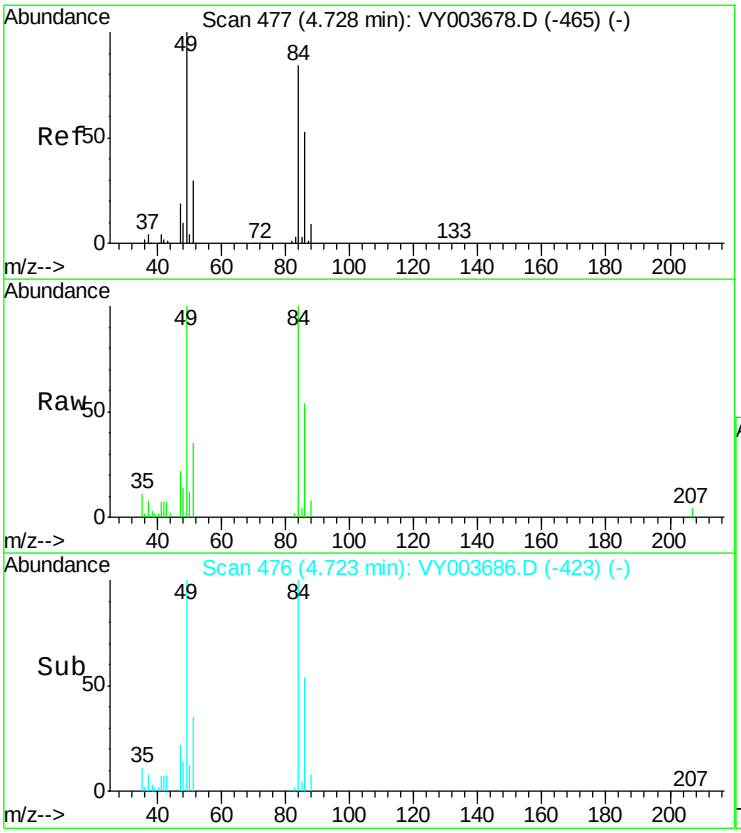
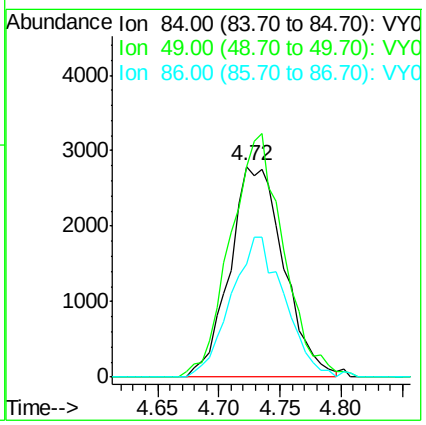


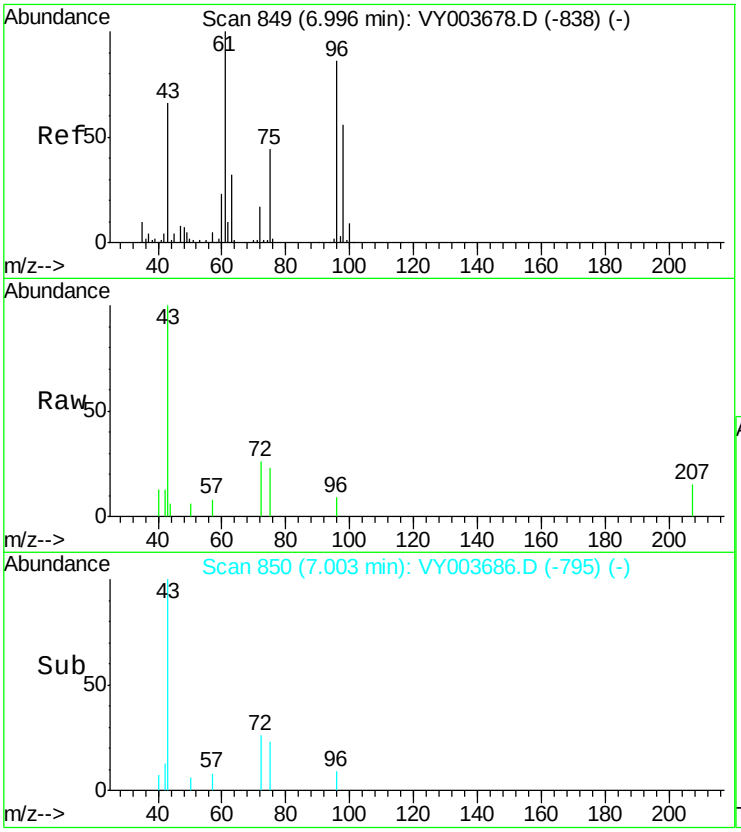


#16
Methylene chloride
Concen: 3.529 ug/L
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VY003686.D
Acq: 08 Dec 2020 19:23

Tgt Ion: 84 Resp: 8581

Ion	Ratio	Lower	Upper
84	100		
49	99.7	83.7	155.4
86	53.7	45.0	83.6

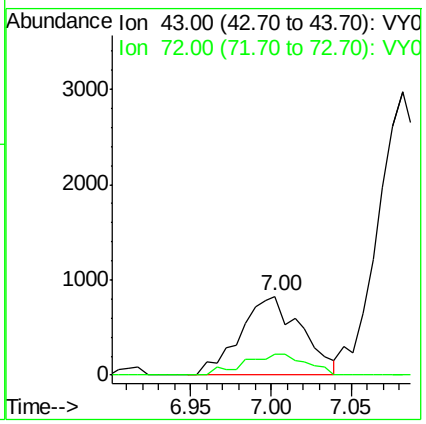




#21
2-Butanone
Concen: 2.422 ug/L m
RT: 7.00 min Scan# 850
Delta R.T. 0.01 min
Lab File: VY003686.D
Acq: 08 Dec 2020 19:23

Tgt Ion: 43 Resp: 2189

Ion	Ratio	Lower	Upper
43	100		
72	17.8	13.3	39.9



Instrument :
MSVOA_Y
ClientSampleId :
GB1F6

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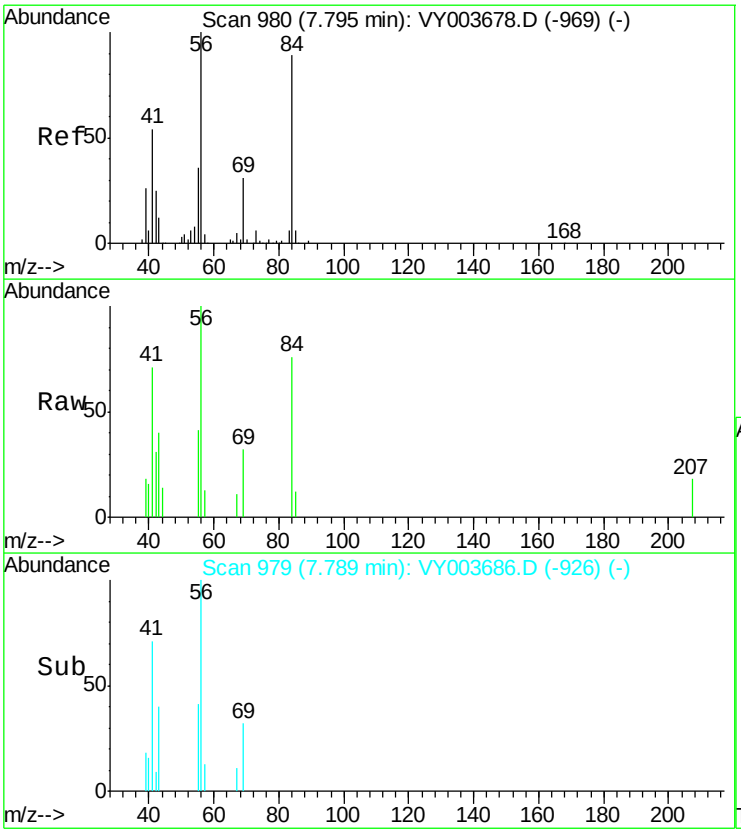
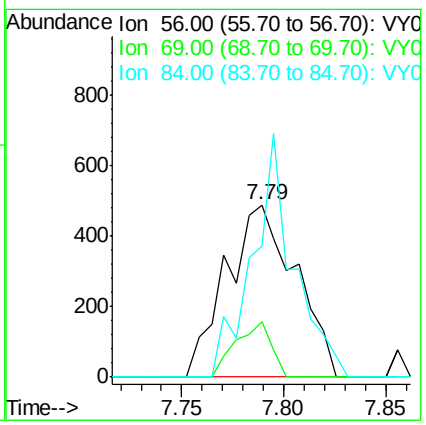
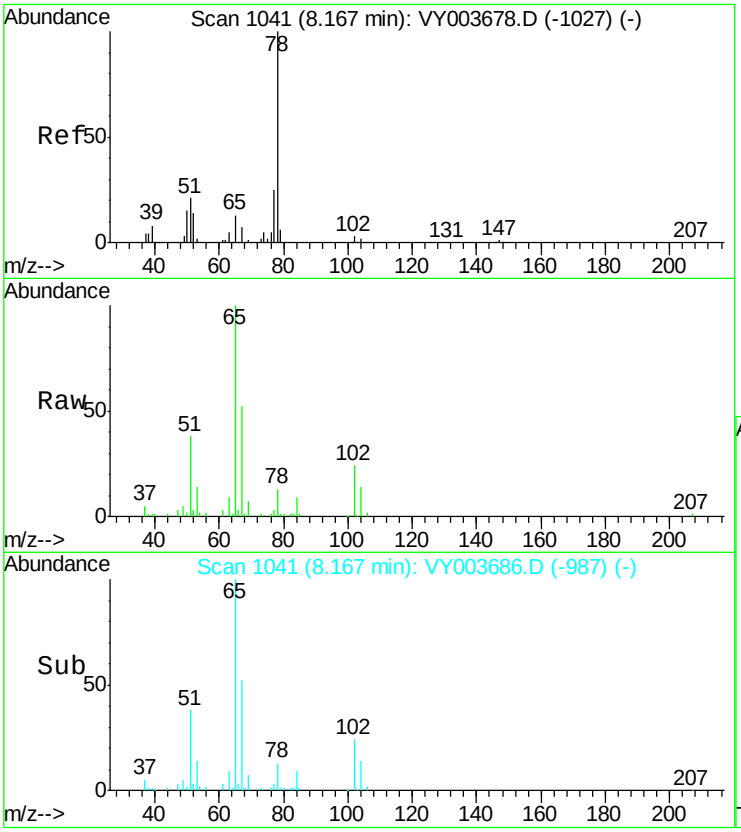


#30
Cyclohexane
Concen: 0.609 ug/L
RT: 7.79 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY003686.D
Acq: 08 Dec 2020 19:23

Tgt Ion: 56 Resp: 1155

Ion	Ratio	Lower	Upper
56	100		
69	16.5	23.8	35.8#
84	83.5	73.2	109.8





#34
Benzene
Concen: 0.697 ug/L
RT: 8.17 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VY003686.D
Acq: 08 Dec 2020 19:23

Tgt Ion: 78 Resp: 3509

Instrument :
MSVOA_Y
ClientSampleId :
GB1F6

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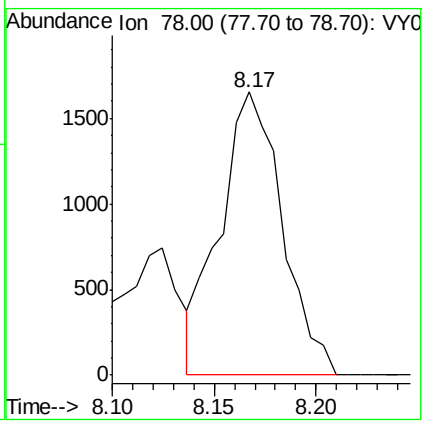
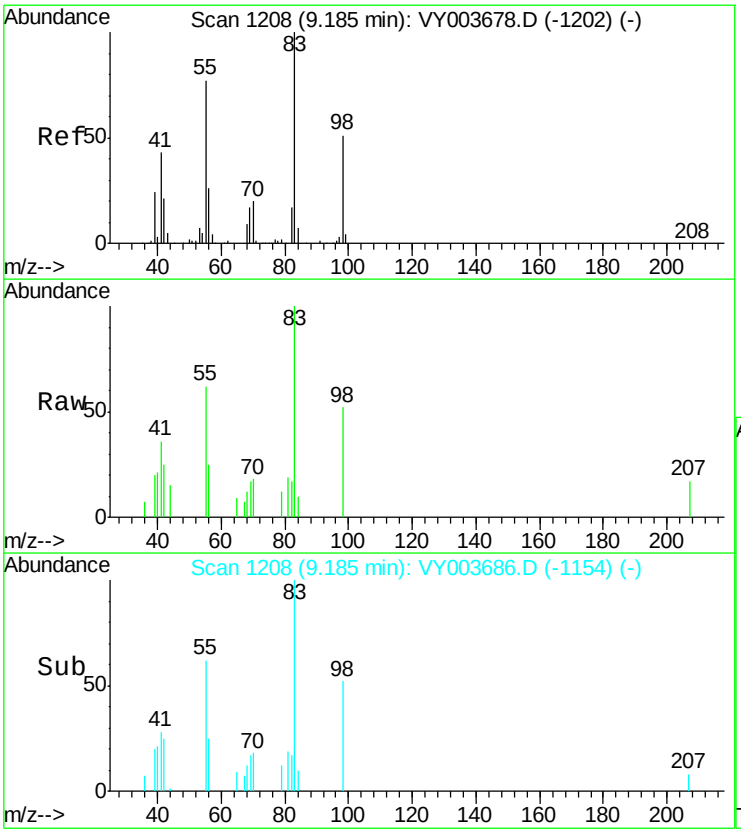
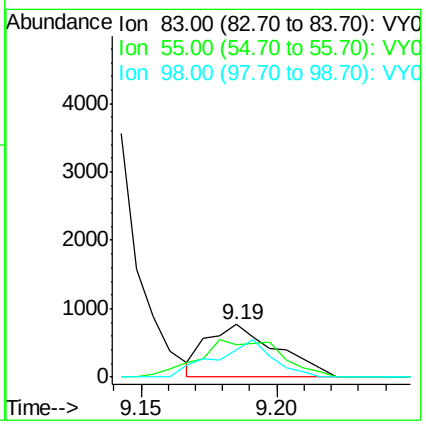


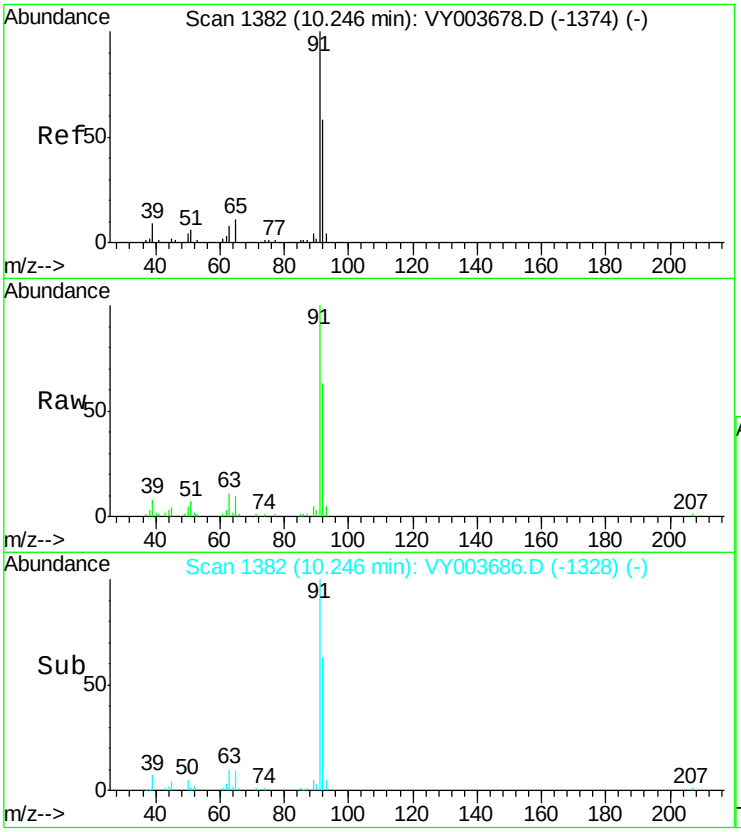


#36
Methylcyclohexane
Concen: 0.646 ug/L
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VY003686.D
Acq: 08 Dec 2020 19:23

Tgt Ion: 83 Resp: 1369

Ion	Ratio	Lower	Upper
83	100		
55	45.1	56.4	84.6#
98	58.1	40.3	60.5





#44
Toluene
Concen: 2.917 ug/L
RT: 10.25 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VY003686.D
Acq: 08 Dec 2020 19:23

Tgt Ion: 91 Resp: 15501

Ion	Ratio	Lower	Upper
91	100		
92	62.9	39.8	73.8

Instrument :
MSVOA_Y
ClientSampleId :
GB1F6

Manual Integrations APPROVED
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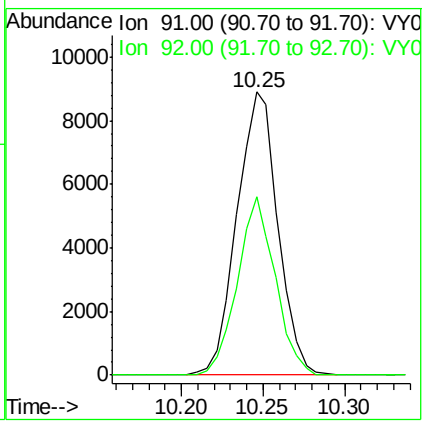
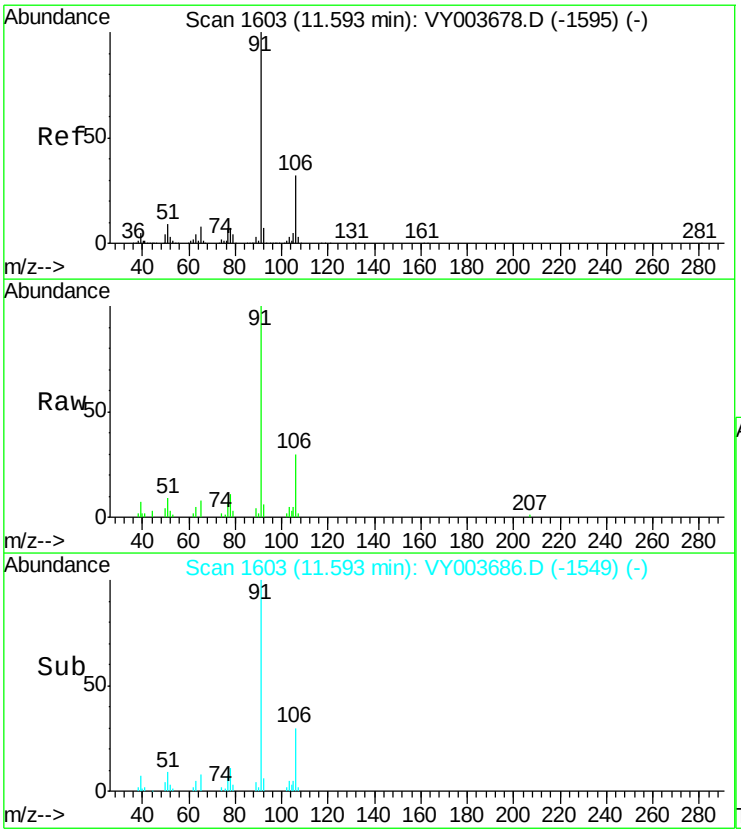
12/10/2020 9:59:37 AM

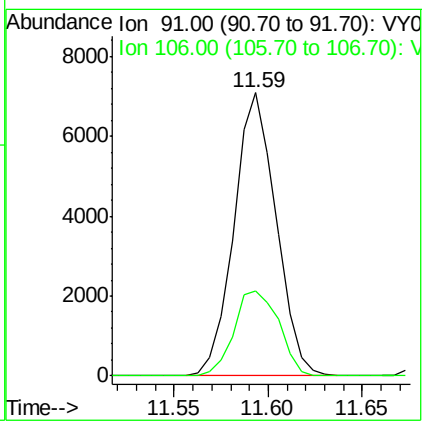


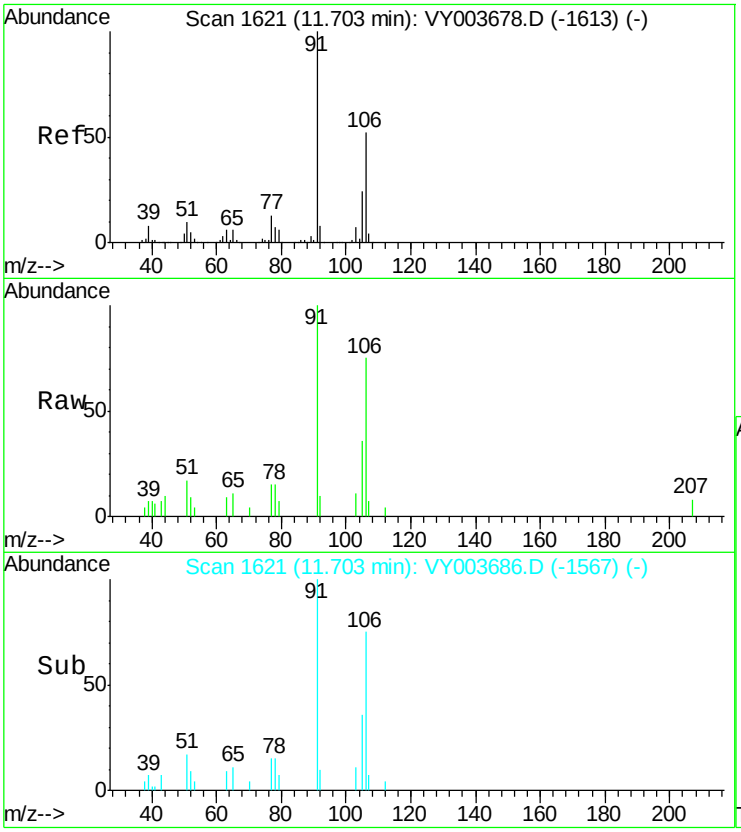


#53
Ethylbenzene
Concen: 1.895 ug/L
RT: 11.59 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY003686.D
Acq: 08 Dec 2020 19:23

Tgt Ion: 91 Resp: 10991

Ion	Ratio	Lower	Upper
91	100		
106	29.8	23.3	43.3





#54
m,p-Xylene
Concen: 0.718 ug/L
RT: 11.70 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VY003686.D
Acq: 08 Dec 2020 19:23

Tgt Ion:106 Resp: 1607

Ion	Ratio	Lower	Upper
106	100		
91	133.1	131.3	243.9

Instrument :
MSVOA_Y
ClientSampleId :
GB1F6

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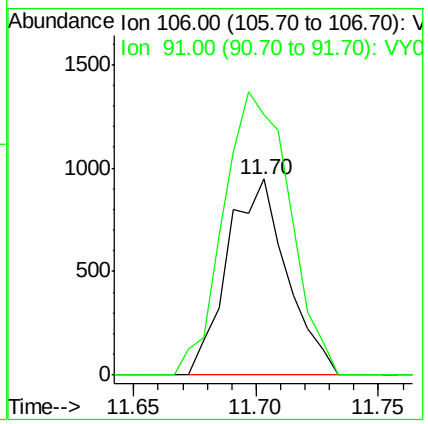
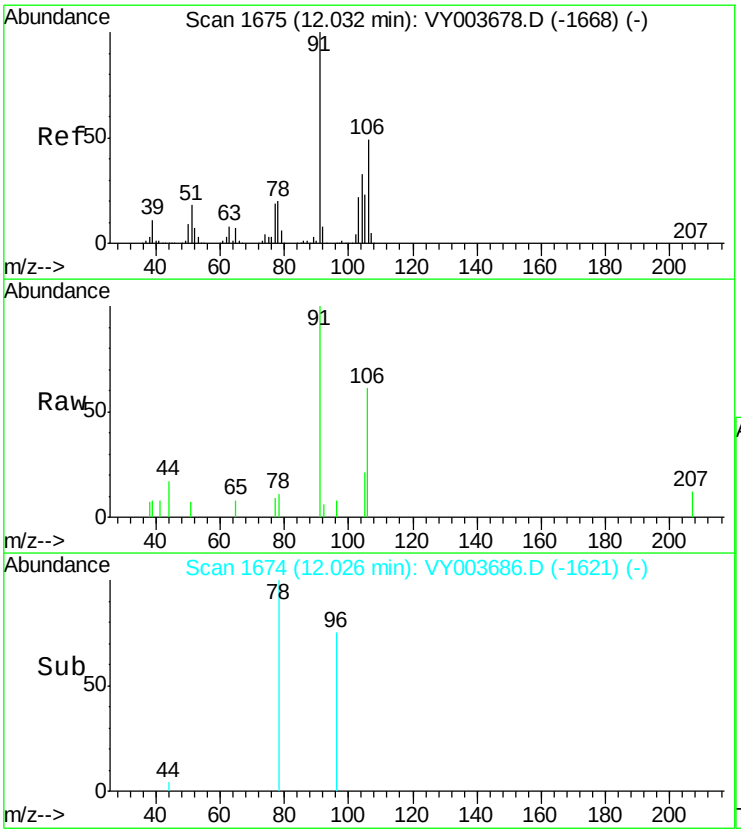
MMDadoda
12/10/2020 9:59:37 AM





#55
o-xylene
Concen: 0.301 ug/L
RT: 12.03 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VY003686.D
Acq: 08 Dec 2020 19:23

Tgt Ion:106 Resp: 645

Ion	Ratio	Lower	Upper
106	100		
91	164.7	141.7	263.3