Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY120920\
Data File : VY003699.D
Acq On : 09 Dec 2020 14:40
Operator : SY/MD
Sample : L4980-02
Misc : 6.20G/10ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : GB1E7

Manual Integrations APPROVED
MMDadoda
12/11/2020 12:25:24 PM

Quant Time: Dec 10 03:21:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 10 02:27:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	192663	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	180758	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	80801	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	53658	19.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.76%			
7) Chloroethane-d5	2.77	69	46215	22.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.92%			
10) 1,1-Dichloroethene-d2	3.86	63	84389	16.46	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.84%			
20) 2-Butanone-d5	6.90	46	46779	48.16	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.32%			
24) Chloroform-d	7.49	84	114484	23.09	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.36%			
26) 1,2-Dichloroethane-d4	8.15	65	66361	23.79	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.16%			
29) Benzene-d6	8.12	84	248557	23.75	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.00%			
33) 1,2-Dichloropropane-d6	9.12	67	75957	24.53	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.12%			
37) Toluene-d8	10.18	98	228762	24.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.56%			
38) trans-1,3-Dichloropropene-	10.44	79	35894	24.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.00%			
39) 2-Hexanone-d5	10.79	63	39557	50.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.98%			
48) 1,1,2,2-Tetrachloroethane-	12.56	84	71620	25.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.84%			
61) 1,2-Dichlorobenzene-d4	13.72	152	78188	26.63	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.52%			
Target Compounds						Qvalue
13) Acetone	3.96	43	4202	5.902	ug/L	92
16) Methylene chloride	4.73	84	4791m	1.416	ug/L	
34) Benzene	8.17	78	4020	0.389	ug/L	100
36) Methylcyclohexane	9.19	83	2046	0.470	ug/L	93
44) Toluene	10.25	91	12188	1.117	ug/L	100
53) Ethylbenzene	11.59	91	11732	0.986	ug/L	93
54) m,p-Xylene	11.70	106	1431	0.312	ug/L	77

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

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Instrument :
MSVOA_Y
ClientSampleId :
GB1E7

Manual Integrations APPROVED
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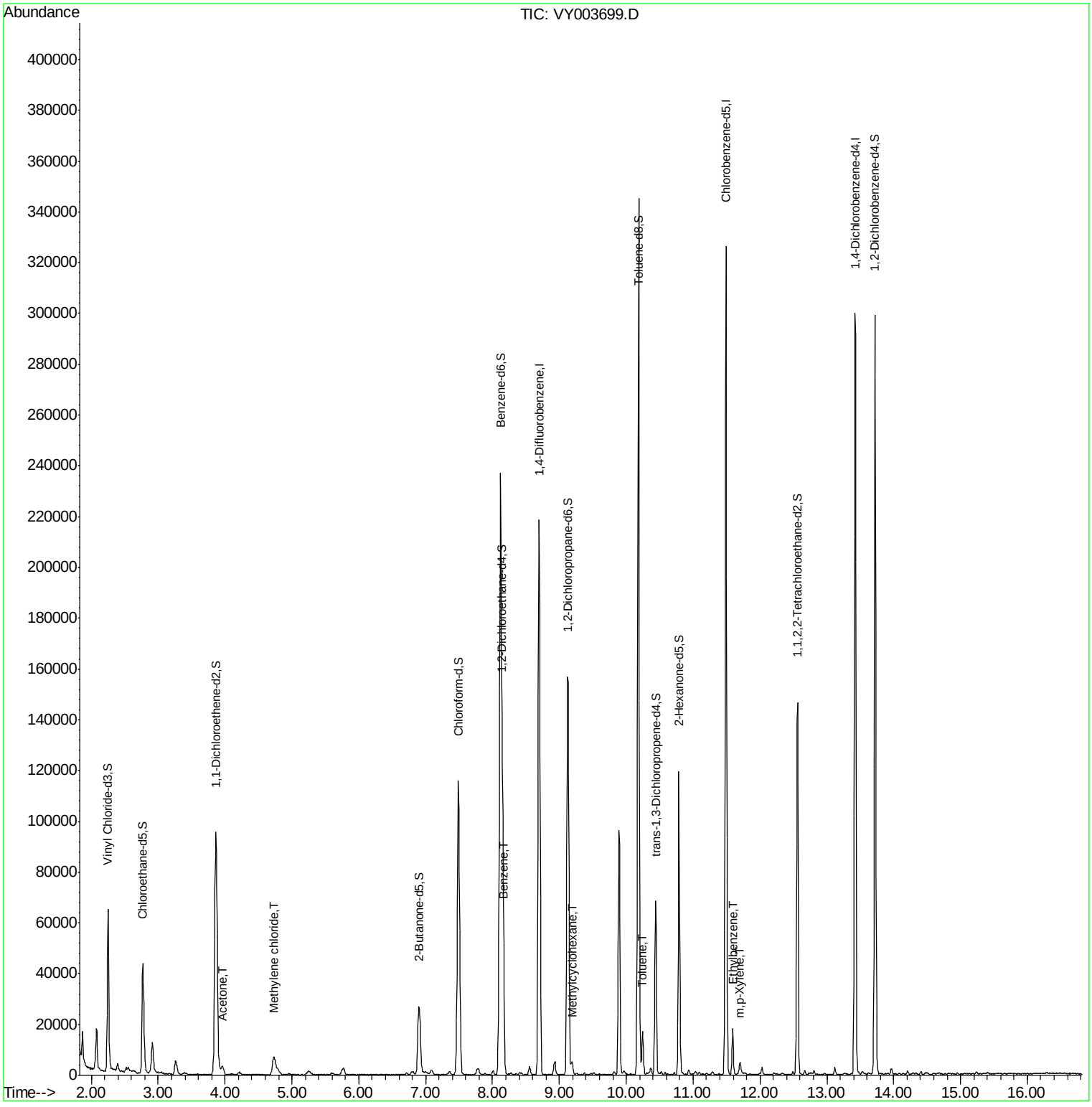
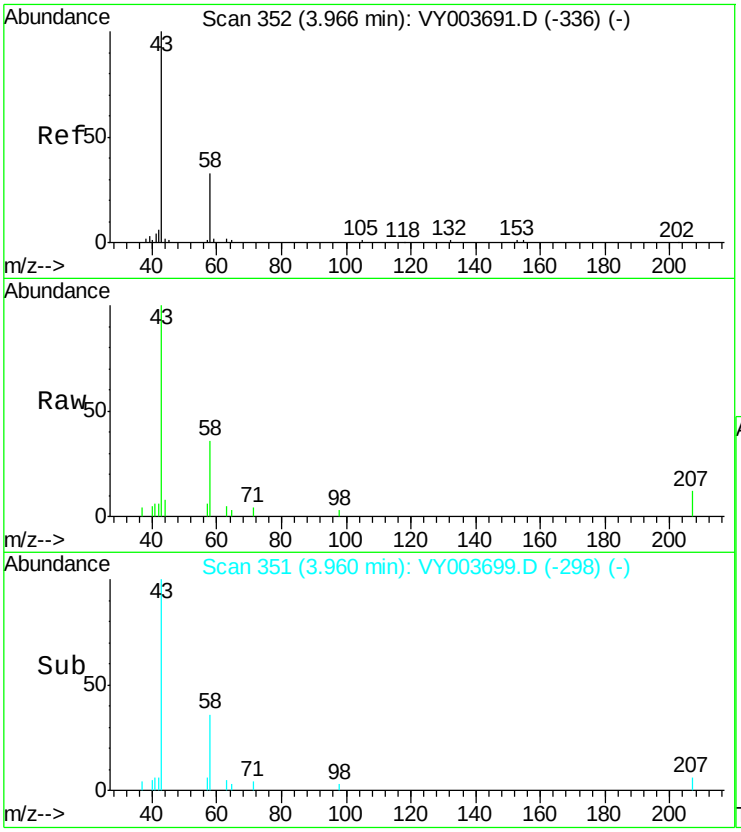
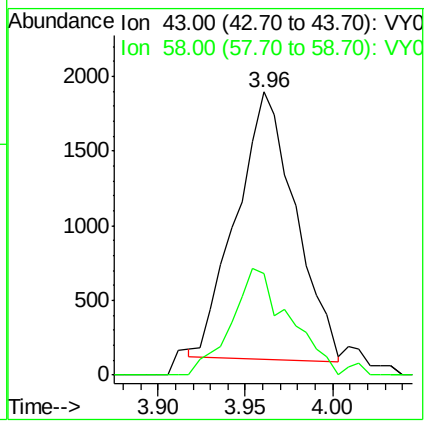




#13
Acetone
Concen: 5.902 ug/L
RT: 3.96 min Scan# 351
Delta R.T. -0.01 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Tgt Ion: 43 Resp: 4202

Ion	Ratio	Lower	Upper
43	100		
58	39.0	0.0	68.8



Instrument :
MSVOA_Y
ClientSampleId :
GB1E7

Manual Integrations APPROVED
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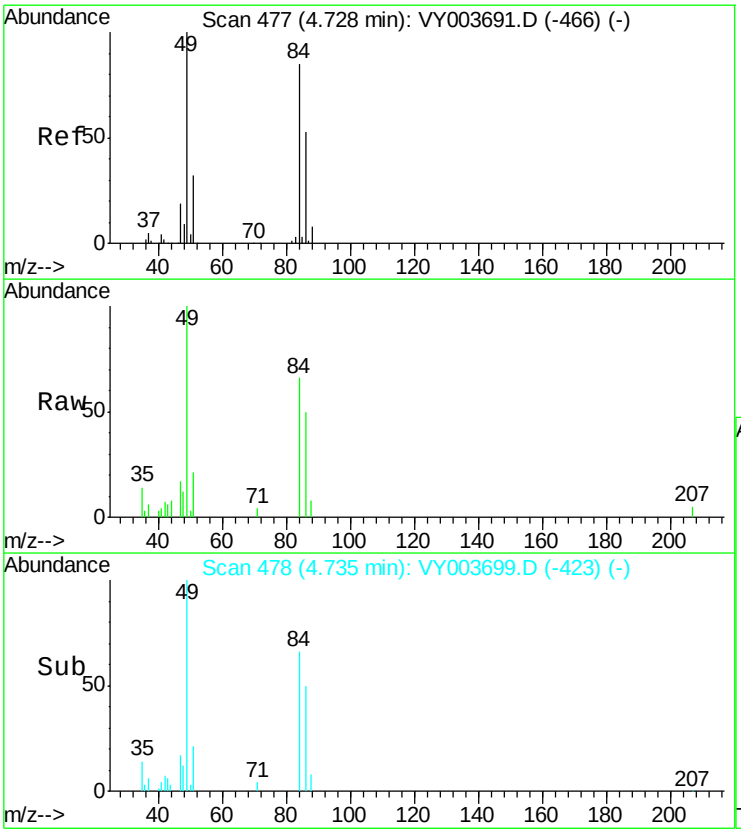
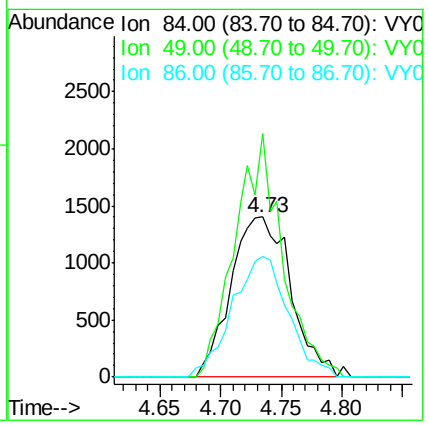
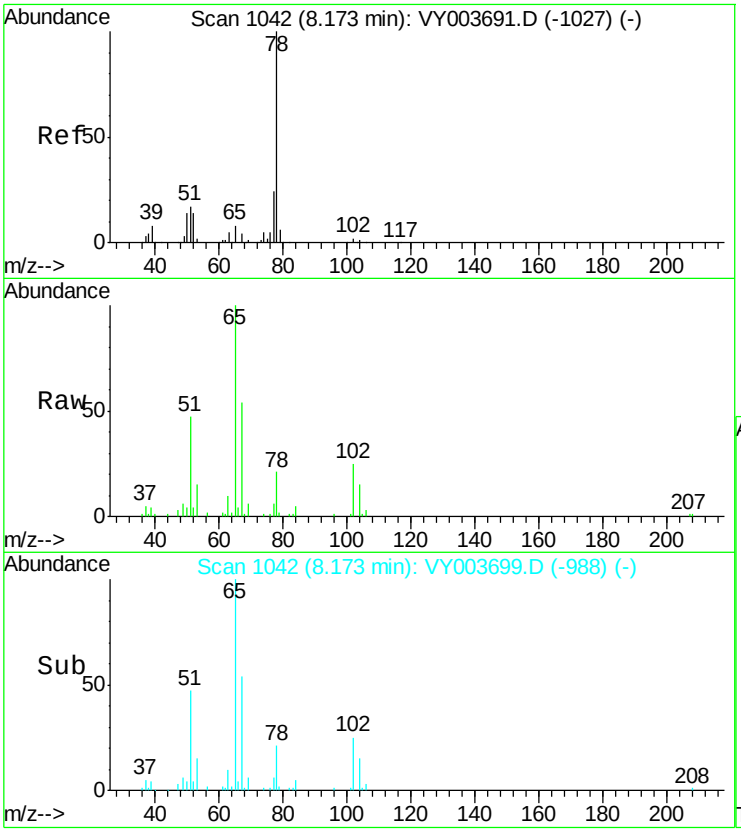


#16
Methylene chloride
Concen: 1.416 ug/L m
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Tgt Ion: 84 Resp: 4791

Ion	Ratio	Lower	Upper
84	100		
49	152.1	83.7	155.4
86	75.4	45.0	83.6





#34
Benzene
Concen: 0.389 ug/L
RT: 8.17 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Tgt Ion: 78 Resp: 4020

Instrument :
MSVOA_Y
ClientSampleId :
GB1E7

Manual Integrations APPROVED
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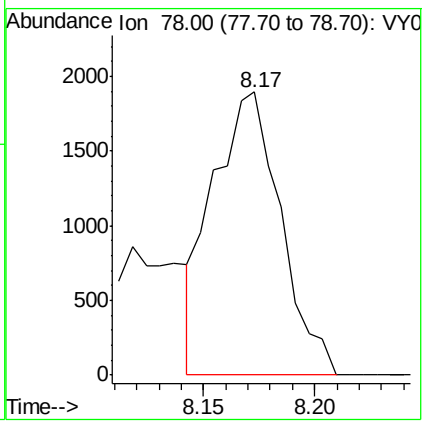
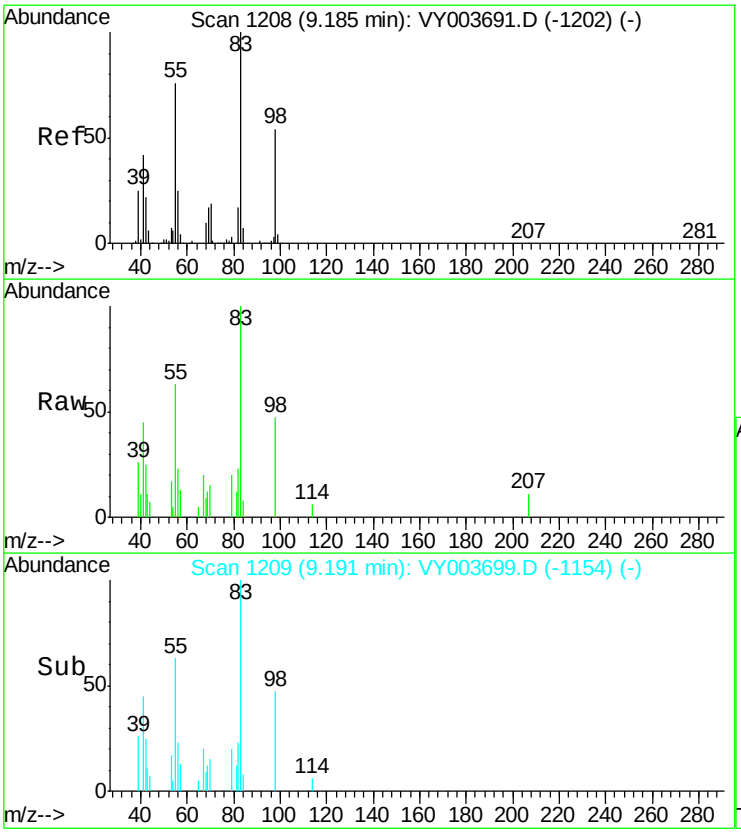
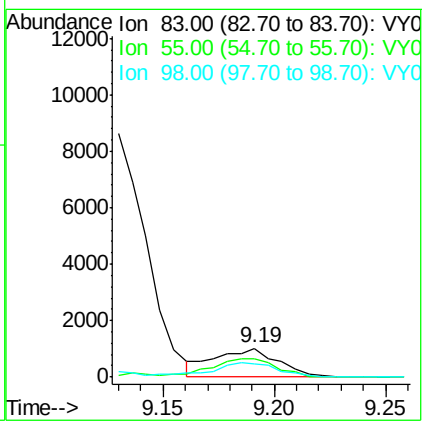


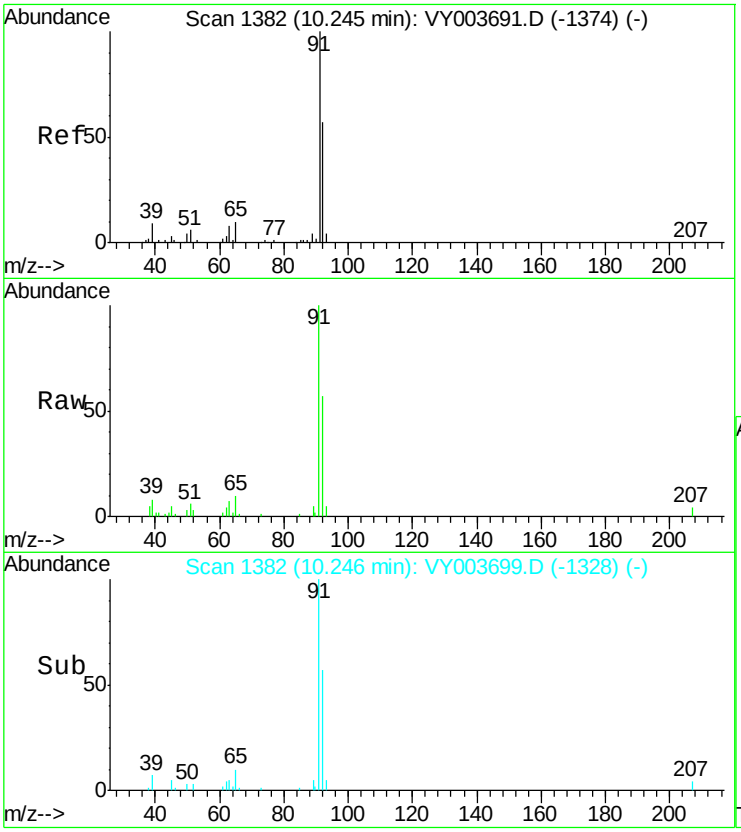


#36
Methylcyclohexane
Concen: 0.470 ug/L
RT: 9.19 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Tgt Ion: 83 Resp: 2046

Ion	Ratio	Lower	Upper
83	100		
55	61.7	56.4	84.6
98	52.3	40.3	60.5





#44
Toluene
Concen: 1.117 ug/L
RT: 10.25 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Tgt Ion: 91 Resp: 12188

Ion	Ratio	Lower	Upper
91	100		
92	57.0	39.8	73.8

Instrument :
MSVOA_Y
ClientSampleId :
GB1E7

Manual Integrations APPROVED
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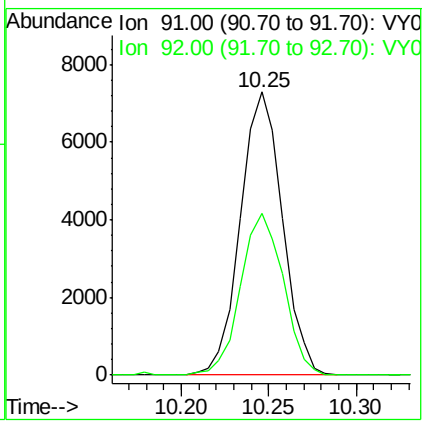
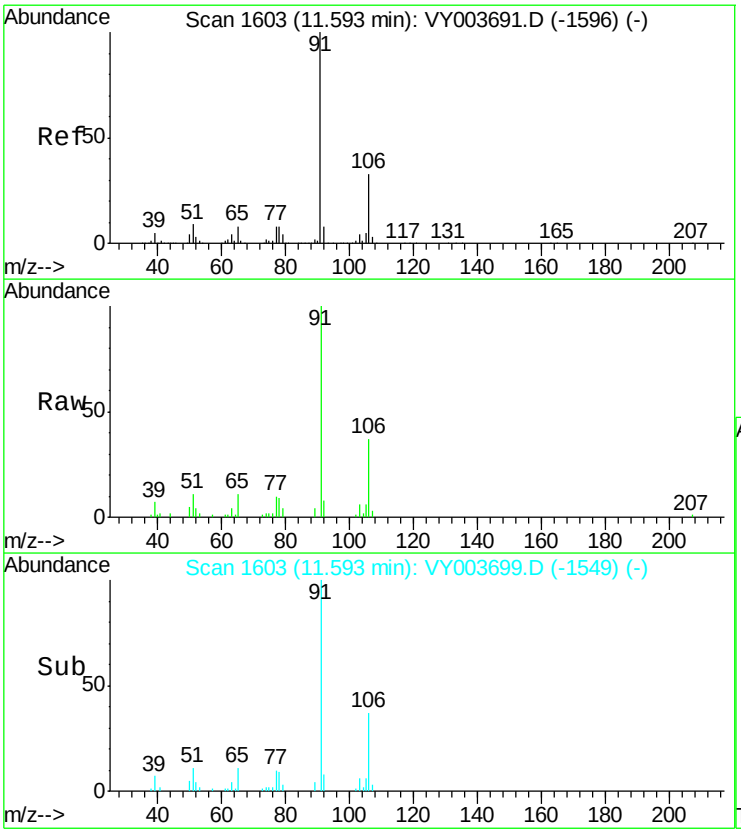
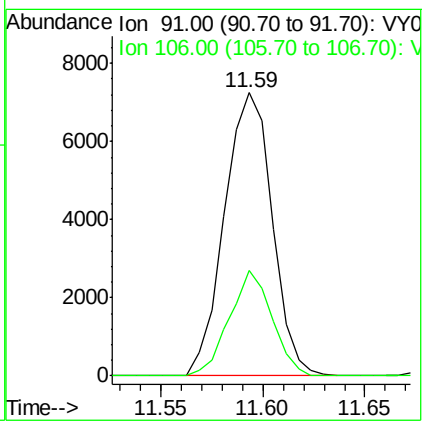


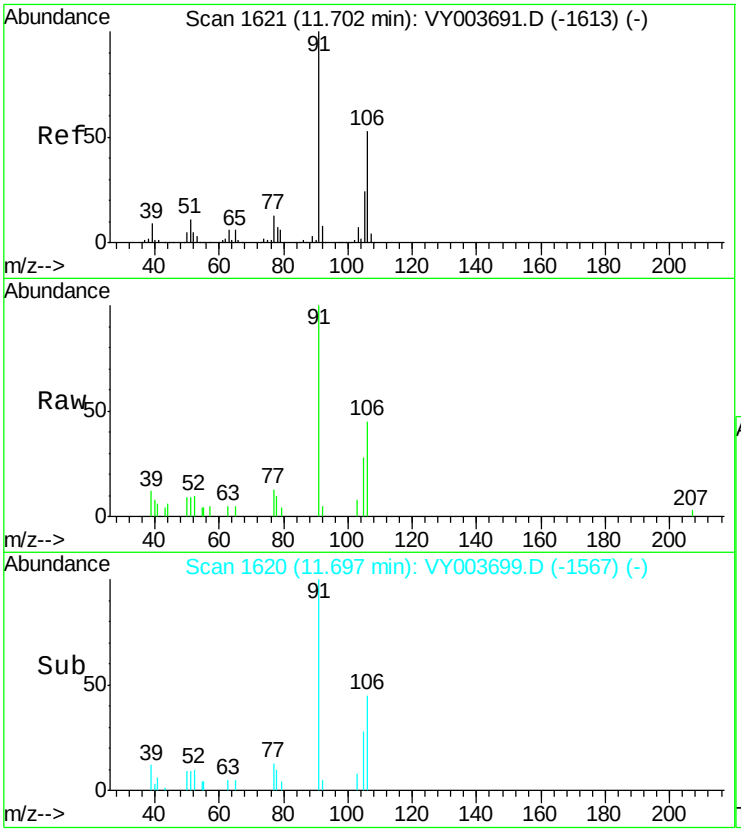


#53
Ethylbenzene
Concen: 0.986 ug/L
RT: 11.59 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Tgt Ion: 91 Resp: 11732

Ion	Ratio	Lower	Upper
91	100		
106	37.4	23.3	43.3

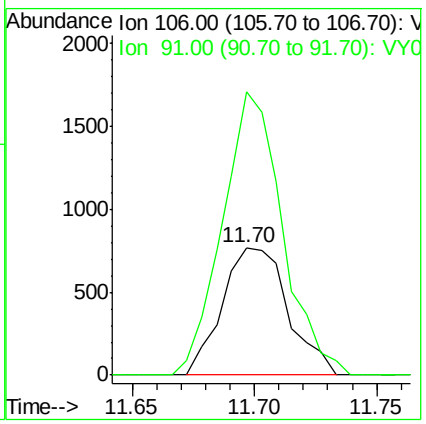




#54
m,p-Xylene
Concen: 0.312 ug/L
RT: 11.70 min Scan# 1620
Delta R.T. -0.01 min
Lab File: VY003699.D
Acq: 09 Dec 2020 14:40

Tgt Ion:106 Resp: 1431

Ion	Ratio	Lower	Upper
106	100		
91	221.7	131.3	243.9



Instrument :
MSVOA_Y
ClientSampleId :
GB1E7

Manual Integrations APPROVED
MMDadoda
12/11/2020 12:25:24 PM