Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041621\
Data File : VW018667.D
Acq On : 16 Apr 2021 11:46
Operator : SY/VA
Sample : M2011-04
Misc : 4.80G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG784

Manual Integrations APPROVED
MMDadoda
4/19/2021 11:24:06 AM

Quant Time: Apr 16 23:45:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 16 23:21:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.829	114	550288	25.00	ug/L	-0.01
28) Chlorobenzene-d5	11.628	117	479356	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	220133	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	191635	22.92	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.68%			
7) Chloroethane-d5	2.788	69	15066	2.03	ug/L	-0.10
Spiked Amount 25.000	Range 30 - 150		Recovery = 8.12%#			
11) 1,1-Dichloroethene-d2	3.904	63	244613m	16.84	ug/L	-0.12
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.36%			
21) 2-Butanone-d5	7.092	46	64160	33.71	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 67.42%			
24) Chloroform-d	7.635	84	317362	21.01	ug/L	-0.01
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.04%			
26) 1,2-Dichloroethane-d4	8.293	65	181302	21.35	ug/L	-0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.40%			
32) Benzene-d6	8.256	84	693565	24.66	ug/L	-0.02
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.64%			
36) 1,2-Dichloropropane-d6	9.268	67	196992	23.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.00%			
41) Toluene-d8	10.317	98	633239	24.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.48%			
43) trans-1,3-Dichloroprop...	10.573	79	69703	19.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.28%			
47) 2-Hexanone-d5	10.933	63	50455m	34.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 68.48%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	119641	16.90	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 67.60%			
66) 1,2-Dichlorobenzene-d4	13.853	152	172590	22.32	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.28%			
Target Compounds						Qvalue
3) Chloromethane	2.203	50	7002	0.98	ug/L	99
13) Acetone	4.153	43	7973	5.77	ug/L	77
14) Carbon disulfide	4.263	76	26729	1.24	ug/L	100
15) Methyl Acetate	4.659	43	50298	15.96	ug/L #	90
16) Methylene chloride	4.855	84	24331	2.70	ug/L	92
42) Toluene	10.384	91	10684	0.33	ug/L	92

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

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Instrument :
MSVOA_W
ClientSampleId :
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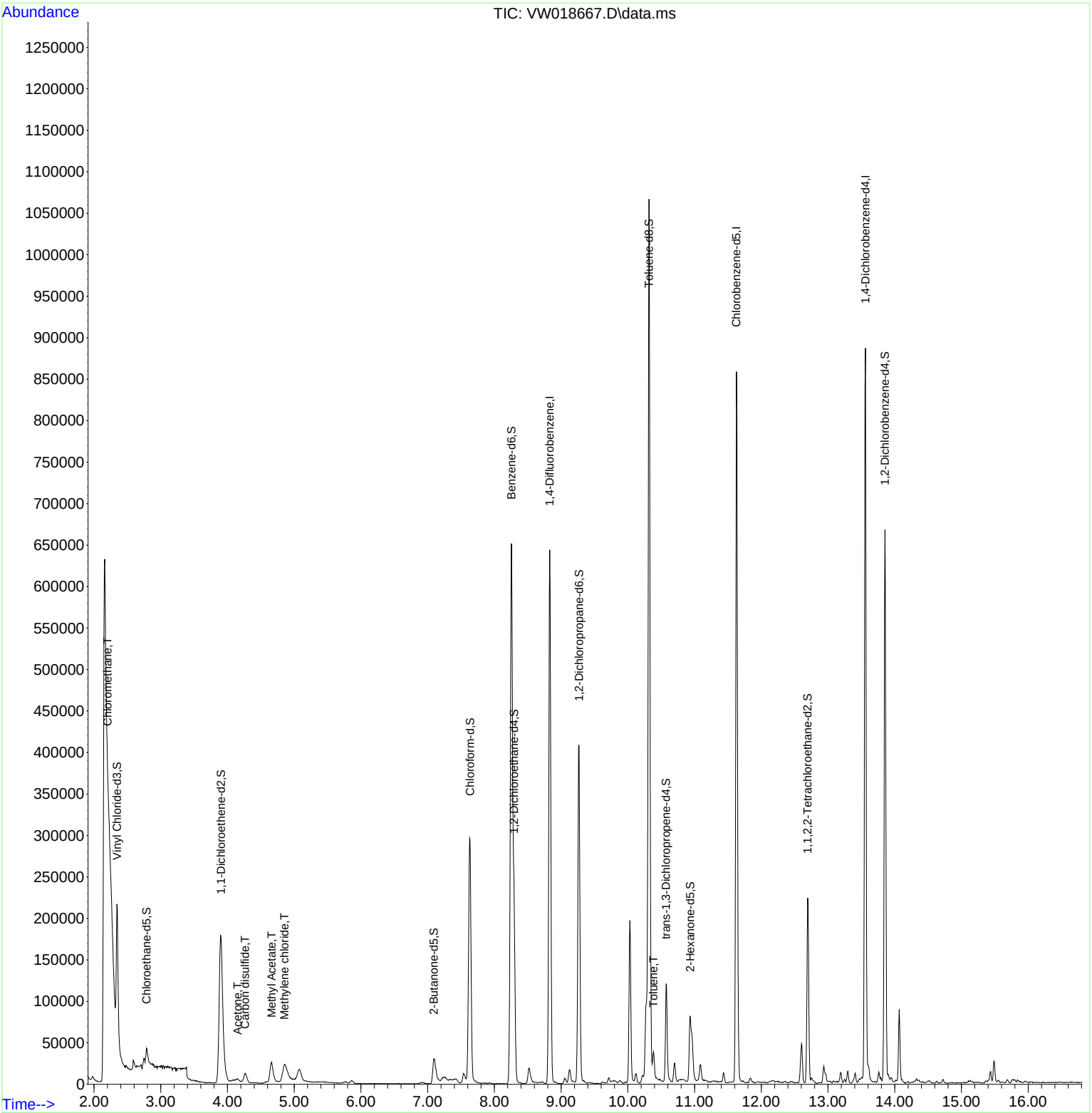
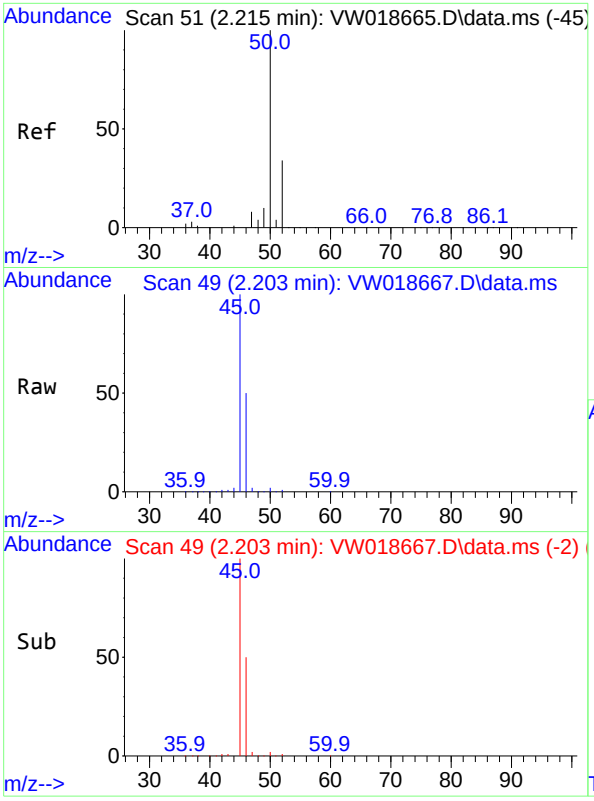
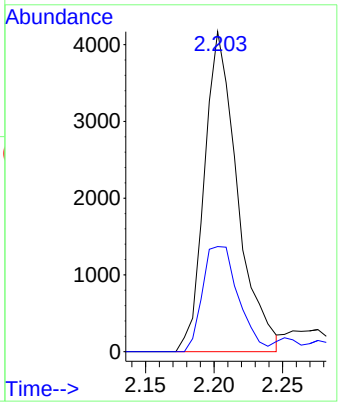




#3
Chloromethane
Concen: 0.98 ug/L
RT: 2.203 min Scan# 49
Delta R.T. -0.012 min
Lab File: VW018667.D
Acq: 16 Apr 2021 11:46

Tgt Ion: 50 Resp: 7002

Ion	Ratio	Lower	Upper
50	100		
52	32.9	22.5	41.9



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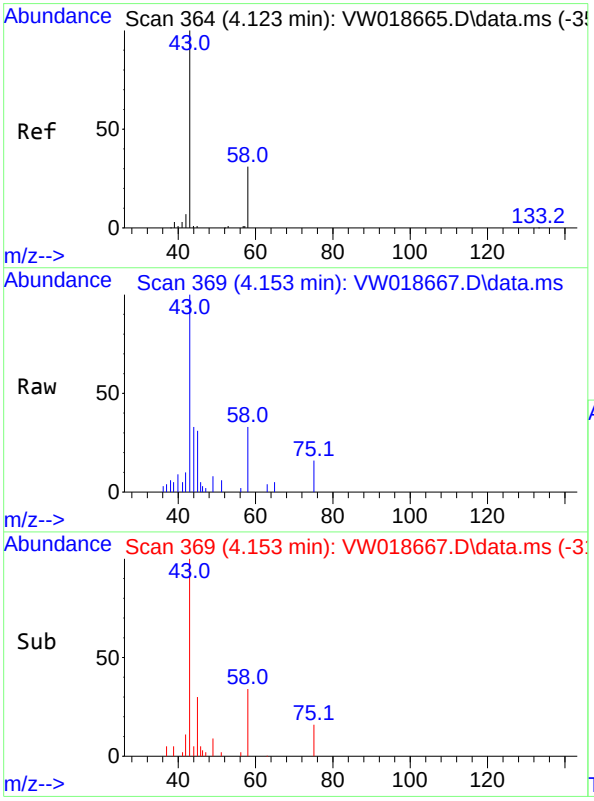
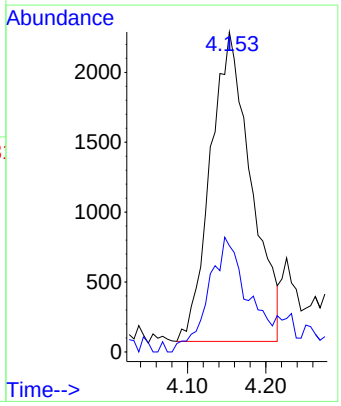
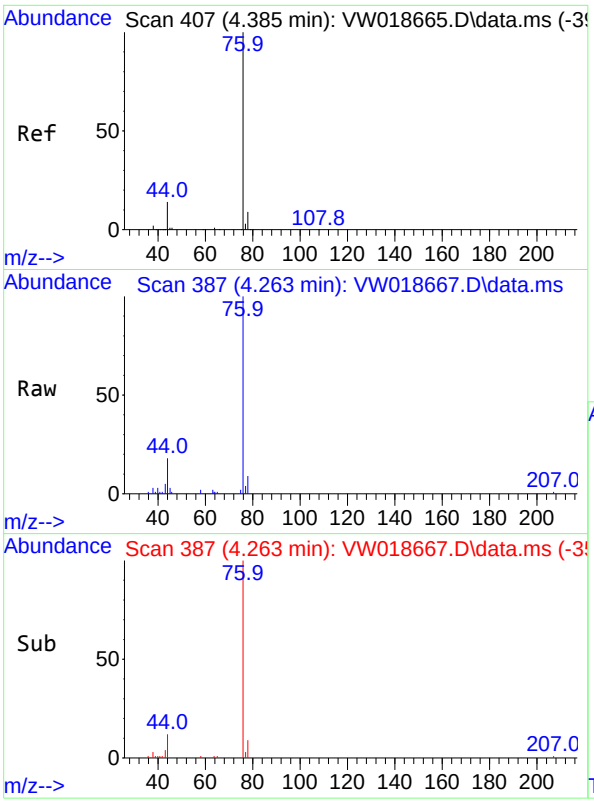


#13
Acetone
Concen: 5.77 ug/L
RT: 4.153 min Scan# 369
Delta R.T. 0.031 min
Lab File: VW018667.D
Acq: 16 Apr 2021 11:46

Tgt Ion: 43 Resp: 7973

Ion	Ratio	Lower	Upper
43	100		
58	14.8	0.0	53.8

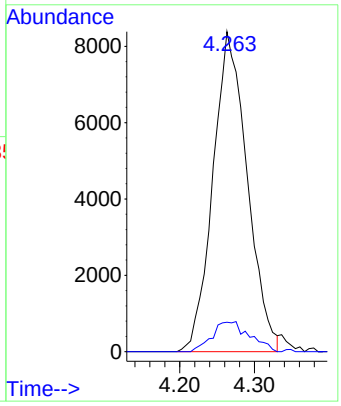




#14
Carbon disulfide
Concen: 1.24 ug/L
RT: 4.263 min Scan# 387
Delta R.T. -0.122 min
Lab File: VW018667.D
Acq: 16 Apr 2021 11:46

Tgt Ion: 76 Resp: 26729

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0



Instrument :
MSVOA_W
ClientSampleId :
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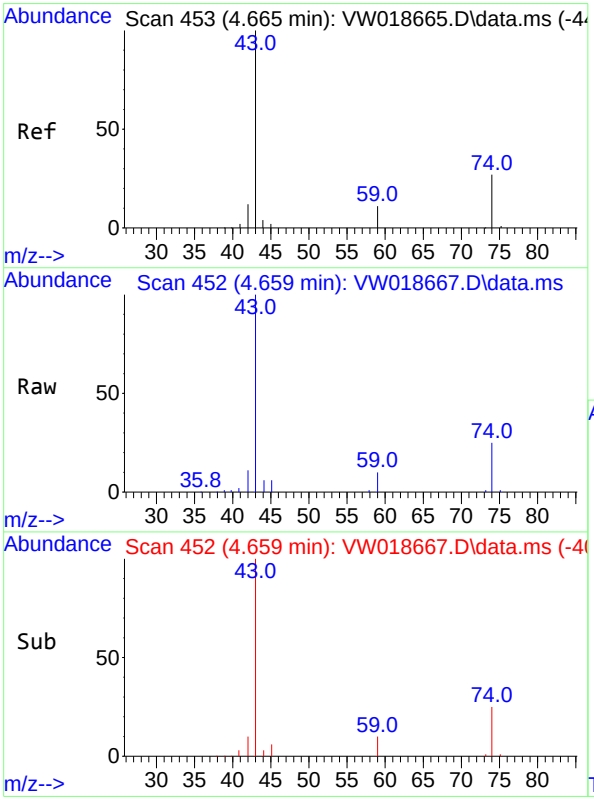
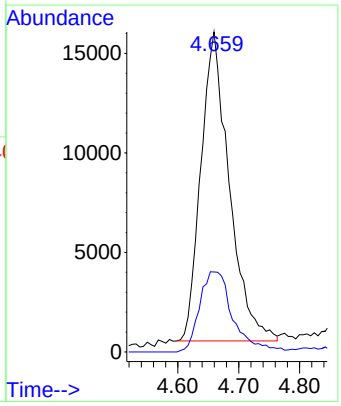


#15
Methyl Acetate
Concen: 15.96 ug/L
RT: 4.659 min Scan# 452
Delta R.T. -0.006 min
Lab File: VW018667.D
Acq: 16 Apr 2021 11:46

Tgt Ion: 43 Resp: 50298

Ion	Ratio	Lower	Upper
43	100		
74	30.3	20.0	30.0#



Instrument :
MSVOA_W
ClientSampleId :
BG784

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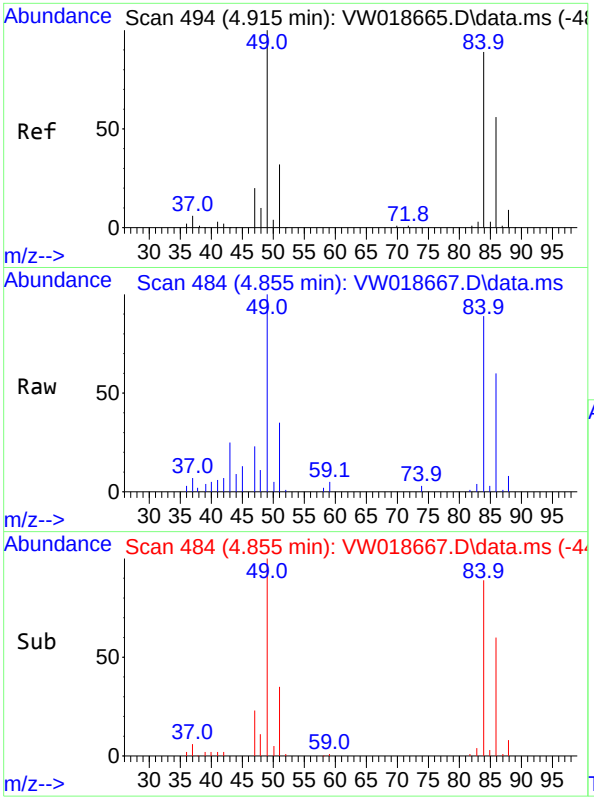
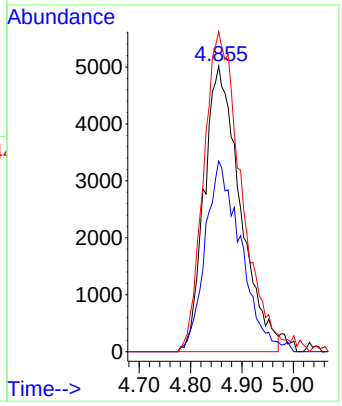
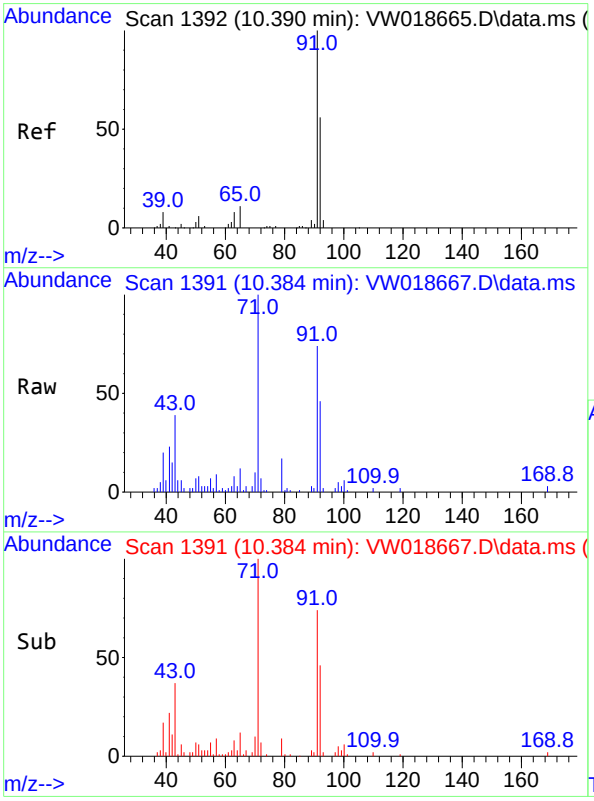


#16
Methylene chloride
Concen: 2.70 ug/L
RT: 4.855 min Scan# 484
Delta R.T. -0.061 min
Lab File: VW018667.D
Acq: 16 Apr 2021 11:46

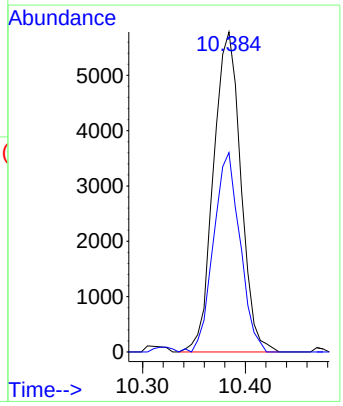
Tgt Ion: 84 Resp: 24331

Ion	Ratio	Lower	Upper
84	100		
86	66.7	45.3	84.1
49	112.0	86.6	160.8





#42
Toluene
Concen: 0.33 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW018667.D
Acq: 16 Apr 2021 11:46

Tgt Ion: 91 Resp: 10684

Ion	Ratio	Lower	Upper
91	100		
92	62.3	39.5	73.3