

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043258.D
 Acq On : 21 Apr 2021 18:20
 Operator : SY/MD
 Sample : M2088-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4535

Manual Integrations
 APPROVED

MMDadoda
 4/23/2021 2:47:27 PM

Quant Time: Apr 22 04:45:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 04:40:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	76896	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	78767	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	35797	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	17810	4.56	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.20%			
7) Chloroethane-d5	1.919	69	17124	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.00%			
11) 1,1-Dichloroethene-d2	2.575	65	11631	5.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.80%			
20) 2-Butanone-d5	4.652	46	114205	66.59	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 133.18%#			
24) Chloroform-d	5.073	84	55471	5.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.60%			
26) 1,2-Dichloroethane-d4	5.713	65	36814	5.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.60%			
32) Benzene-d6	5.735	84	97846	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.60%			
36) 1,2-Dichloropropane-d6	6.700	67	33252	5.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.40%			
41) Toluene-d8	7.906	98	81934	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
43) trans-1,3-Dichloroprop...	8.185	79	12749	4.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.00%			
46) 2-Hexanone-d5	8.645	63	70673	52.76	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.52%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	29527	5.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.40%			
66) 1,2-Dichlorobenzene-d4	12.201	152	35303	5.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	1957	0.40	ug/L	100
13) Acetone	2.671	43	2637m	2.09	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	991	0.18	ug/L	92
34) Trichloroethene	6.555	95	1092	0.19	ug/L	88
47) Tetrachloroethene	8.562	164	47747	10.38	ug/L	96

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

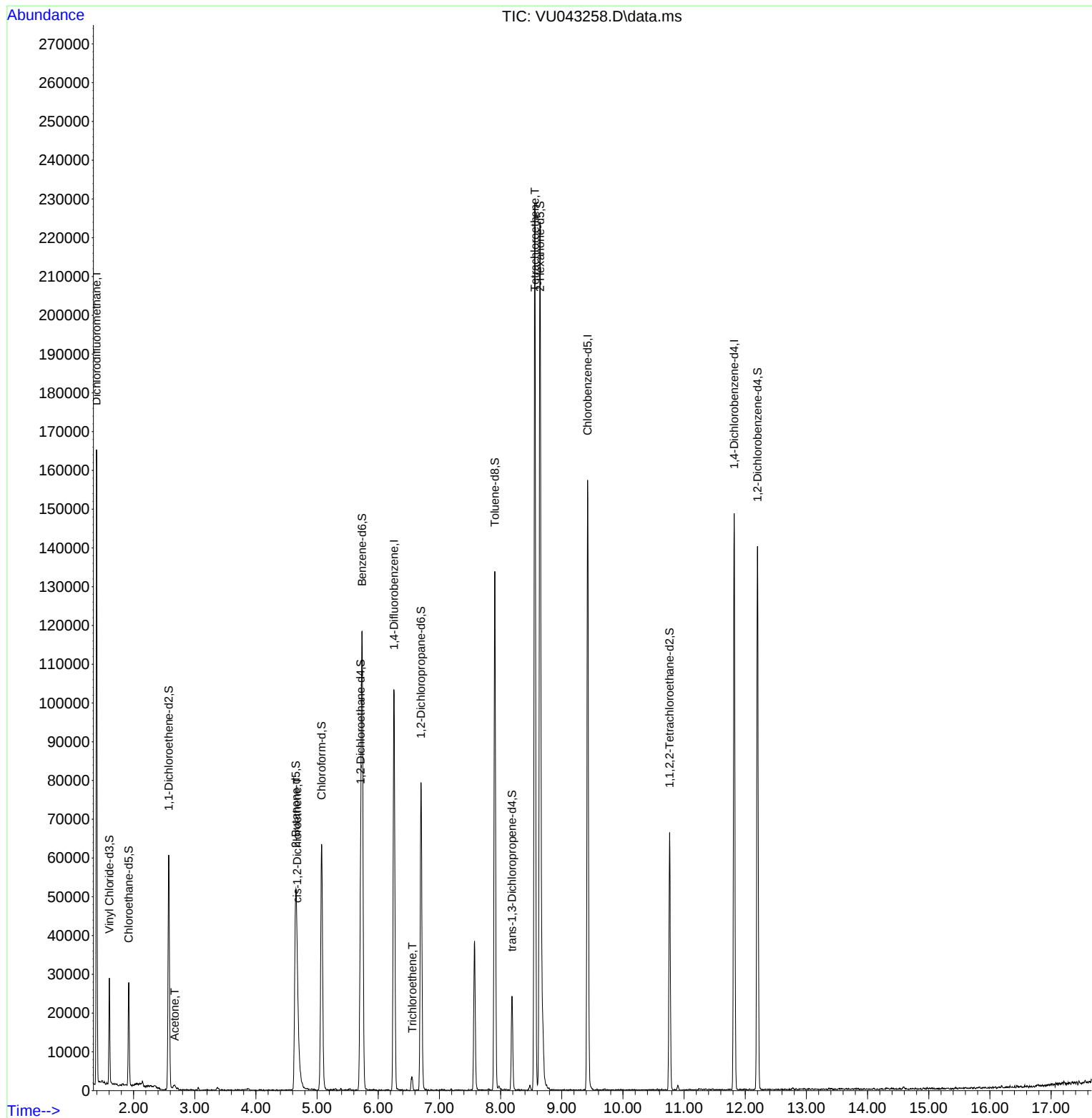
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
Data File : VU043258.D
Acq On : 21 Apr 2021 18:20
Operator : SY/MD
Sample : M2088-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

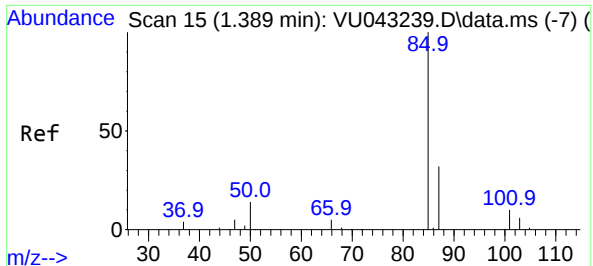
Instrument :
MSVOA_U
ClientSampleId :
H4535

Manual Integrations
APPROVED

MMDadoda
4/23/2021 2:47:27 PM

Quant Time: Apr 22 04:45:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 22 04:40:57 2021
Response via : Initial Calibration





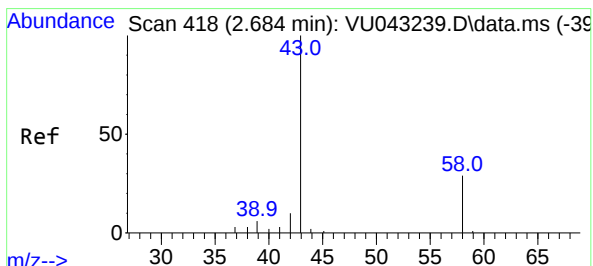
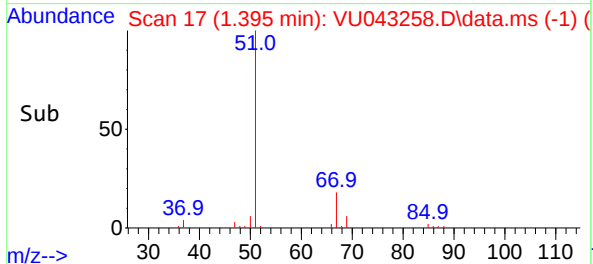
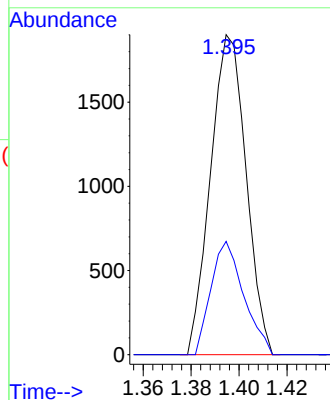
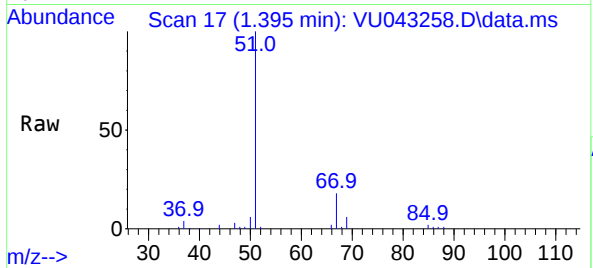
#2
Dichlorodifluoromethane
Concen: 0.40 ug/L
RT: 1.395 min Scan# 17
Delta R.T. 0.006 min
Lab File: VU043258.D
Acq: 21 Apr 2021 18:20

Tgt Ion: 85 Resp: 1957
Ion Ratio Lower Upper
85 100
87 32.7 26.3 39.5

Instrument :
MSVOA_U
ClientSampled :
H4535

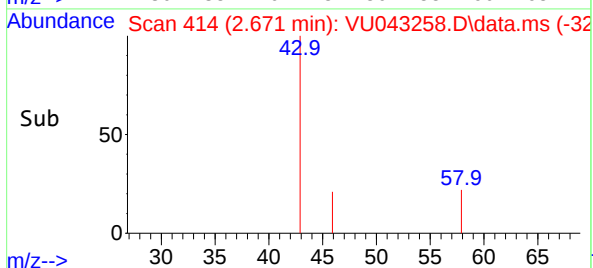
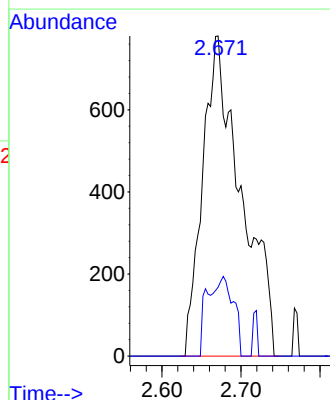
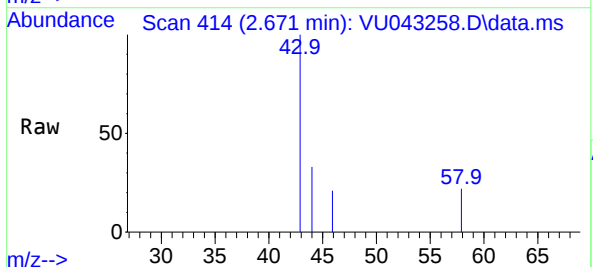
Manual Integrations
APPROVED

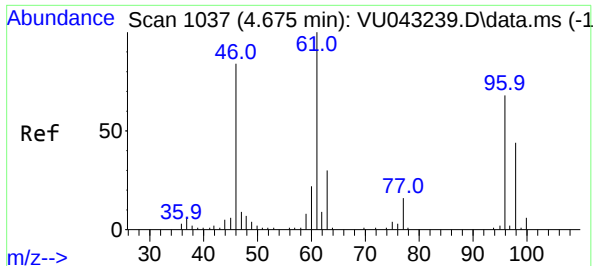
MMDadoda
4/23/2021 2:47:27 PM



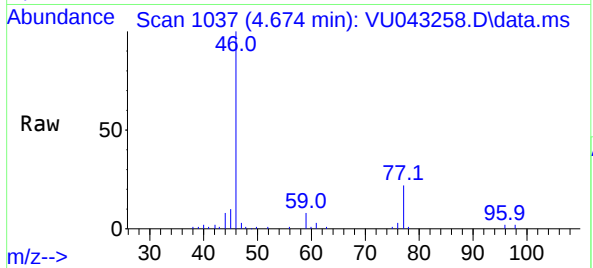
#13
Acetone
Concen: 2.09 ug/L m
RT: 2.671 min Scan# 414
Delta R.T. -0.013 min
Lab File: VU043258.D
Acq: 21 Apr 2021 18:20

Tgt Ion: 43 Resp: 2637
Ion Ratio Lower Upper
43 100
58 11.3 0.0 25.0

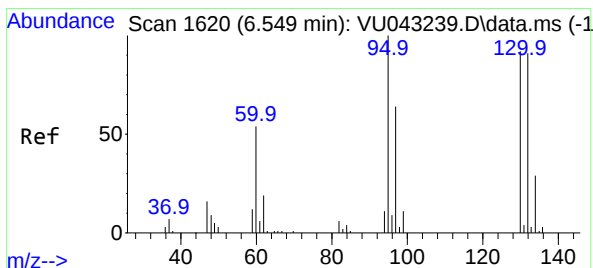
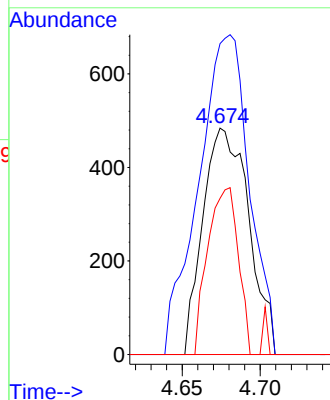
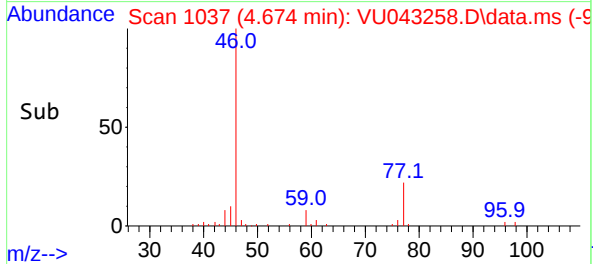




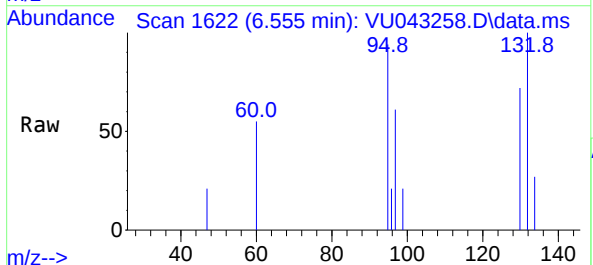
#22
cis-1,2-Dichloroethene
Concen: 0.18 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU043258.D
Acq: 21 Apr 2021 18:20



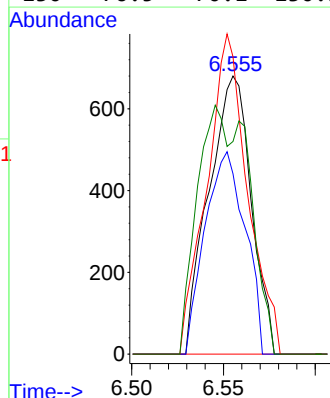
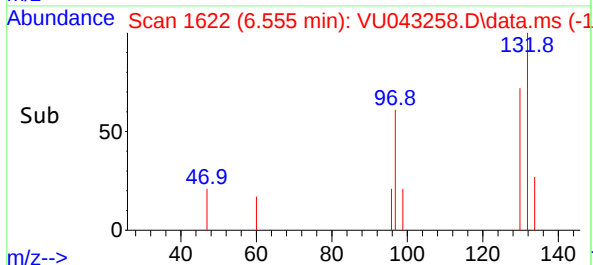
Tgt Ion: 96 Resp: 991
Ion Ratio Lower Upper
96 100
61 137.4 87.4 162.4
98 69.0 47.7 88.5



#34
Trichloroethene
Concen: 0.19 ug/L
RT: 6.555 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VU043258.D
Acq: 21 Apr 2021 18:20



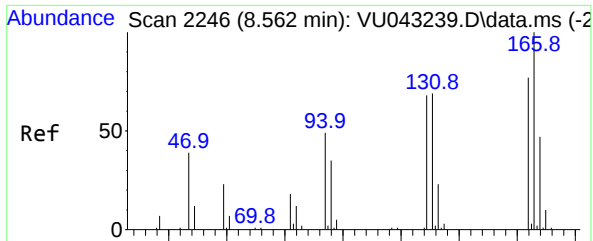
Tgt Ion: 95 Resp: 1092
Ion Ratio Lower Upper
95 100
97 64.9 45.8 85.2
132 106.9 68.7 127.7
130 76.5 70.1 130.3



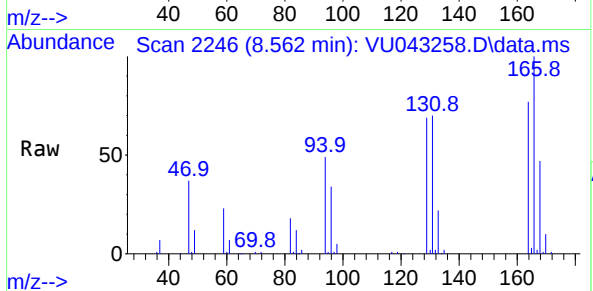
Instrument :
MSVOA_U
ClientSampled :
H4535

Manual Integrations
APPROVED

MMDadoda
4/23/2021 2:47:27 PM

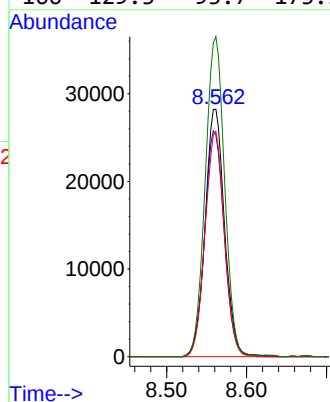
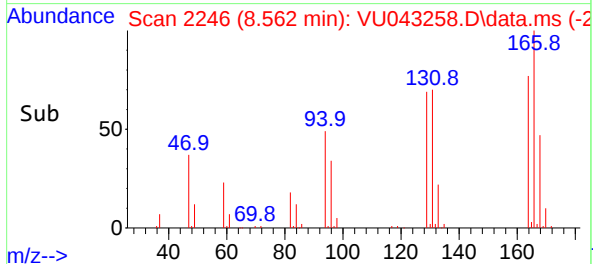


#47
Tetrachloroethene
Concen: 10.38 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043258.D
Acq: 21 Apr 2021 18:20



Tgt Ion:164 Resp: 47747

Ion	Ratio	Lower	Upper
164	100		
129	89.7	66.6	123.8
131	91.0	65.9	122.3
166	129.3	93.7	173.9



Instrument :
MSVOA_U
ClientSampleId :
H4535

Manual Integrations
APPROVED

MMDadoda
4/23/2021 2:47:27 PM