

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
 Data File : VU046465.D
 Acq On : 17 Dec 2021 12:40
 Operator : SY/MD
 Sample : M5101-13ME
 Misc : 6.93g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGL37ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/22/2021
 Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 17 13:25:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 03:50:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	155354	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	160395	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	77856	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	48395	37.817	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.640%		
7) Chloroethane-d5	1.916	69	34475m	35.087	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	70.180%		
11) 1,1-Dichloroethene-d2	2.546	63	67139	29.225	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.440%#		
21) 2-Butanone-d5	4.655	46	75540m	74.254	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	74.250%		
24) Chloroform-d	5.064	84	91693	42.906	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.820%		
26) 1,2-Dichloroethane-d4	5.703	65	63393	44.200	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.400%		
32) Benzene-d6	5.723	84	183021	39.811	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.620%		
36) 1,2-Dichloropropane-d6	6.694	67	57880	40.625	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.240%		
41) Toluene-d8	7.899	98	161912	38.682	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.360%#		
43) trans-1,3-Dichloroprop...	8.186	79	28307	41.157	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.320%		
47) 2-Hexanone-d5	8.684	63	56136	83.099	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.100%		
56) 1,1,2,2-Tetrachloroeth...	10.774	84	84446	39.083	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.160%		
66) 1,2-Dichlorobenzene-d4	12.201	152	61333	40.906	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.820%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.562	96	3310	3.081	ug/L #	1
22) 2-Butanone	4.739	43	11853m	8.564	ug/L	
30) 1,1,1-Trichloroethane	5.314	97	109768	55.752	ug/L	100
34) Trichloroethene	6.543	95	17908	14.003	ug/L	96
42) Toluene	7.973	91	6816	1.308	ug/L	97
46) Tetrachloroethene	8.555	164	179589	191.087	ug/L	97

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

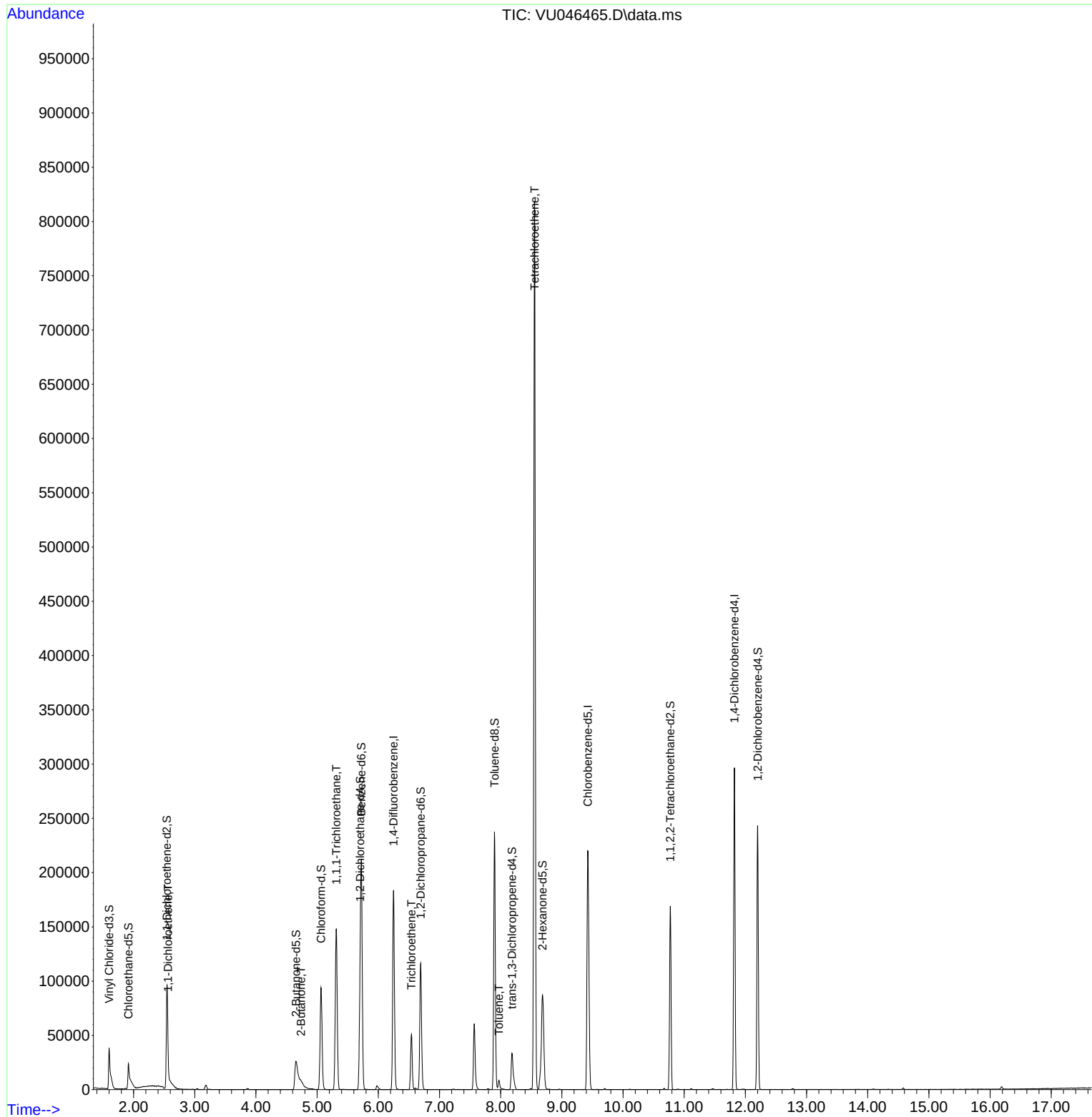
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
Data File : VU046465.D
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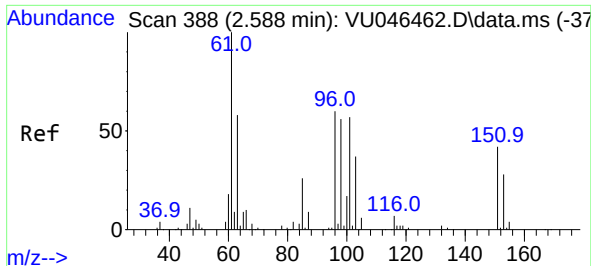
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Quant Title : VOC Analysis
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#12

1,1-Dichloroethene

Concen: 3.081 ug/L

RT: 2.562 min Scan# 3310

Delta R.T. -0.022 min

Lab File: VU046465.D

Acq: 17 Dec 2021 12:40

Instrument :

MSVOA_U

ClientSampleId :

BGL37ME

Tgt Ion: 96 Resp: 3310

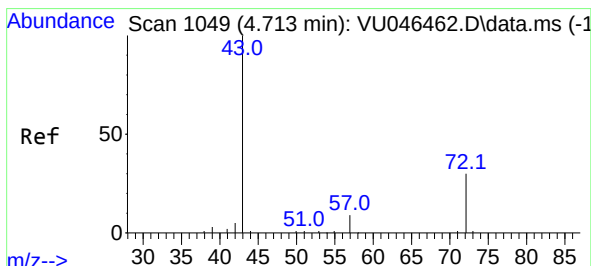
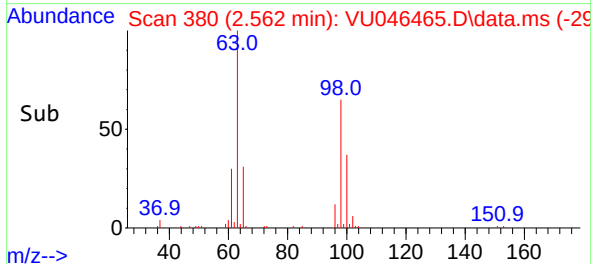
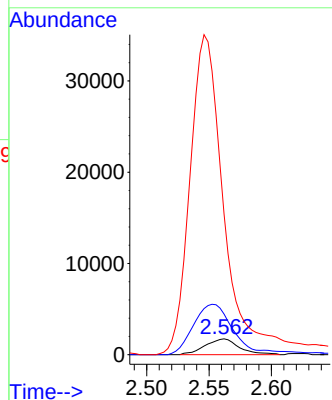
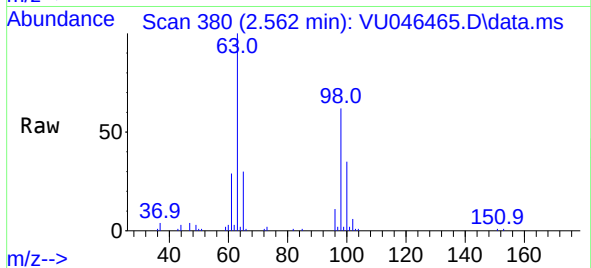
Ion	Ratio	Lower	Upper
96	100		
61	257.5	118.6	220.2
63	892.8	93.0	172.8

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#22

2-Butanone

Concen: 8.564 ug/L m

RT: 4.739 min Scan# 1057

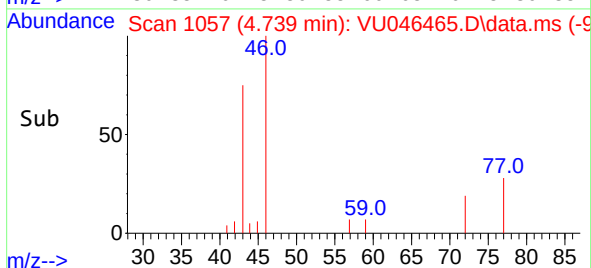
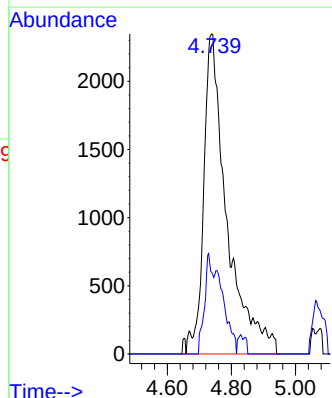
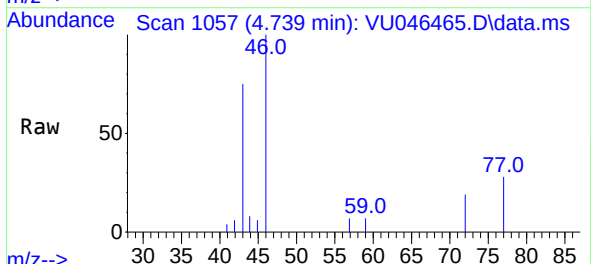
Delta R.T. 0.026 min

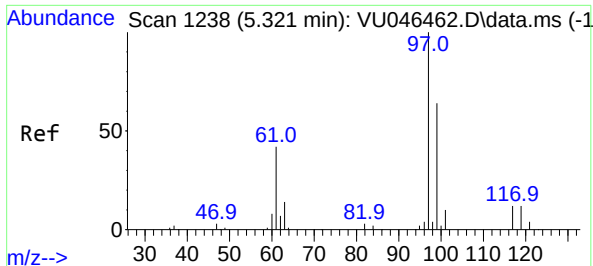
Lab File: VU046465.D

Acq: 17 Dec 2021 12:40

Tgt Ion: 43 Resp: 11853

Ion	Ratio	Lower	Upper
43	100		
72	11.2	14.5	43.6





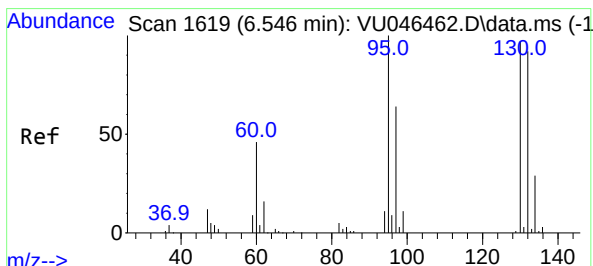
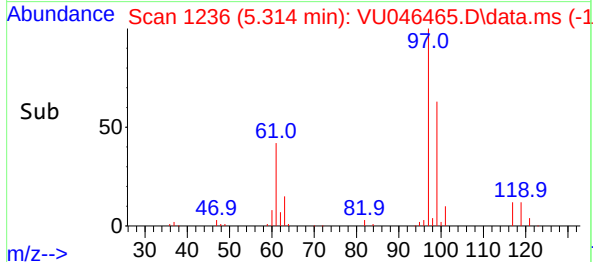
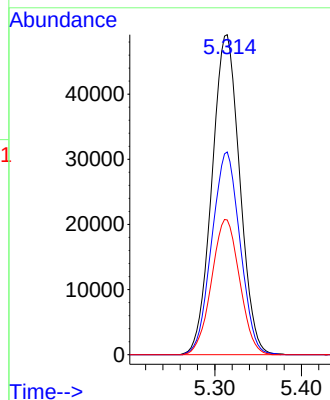
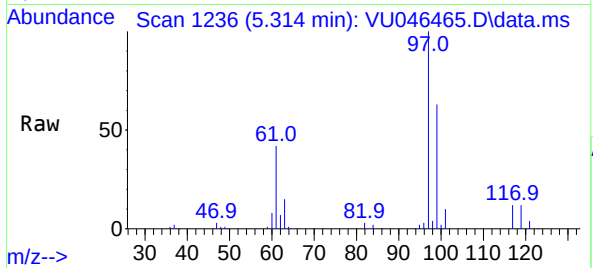
#30
1,1,1-Trichloroethane
Concen: 55.752 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU046465.D
Acq: 17 Dec 2021 12:40

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Tgt Ion: 97 Resp: 109768
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.6
61 42.6 34.4 51.6

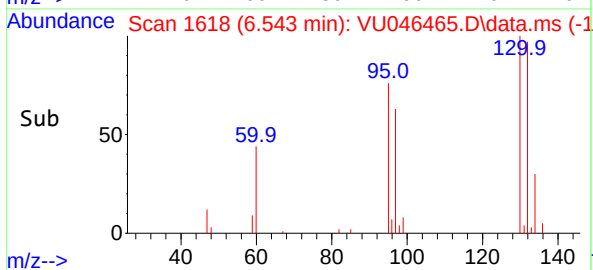
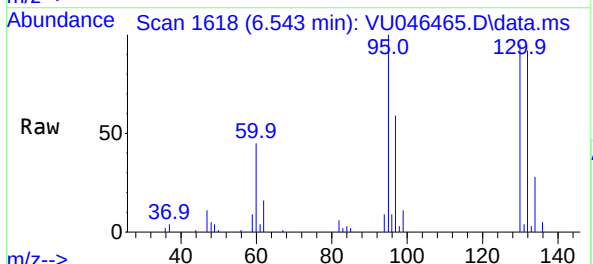
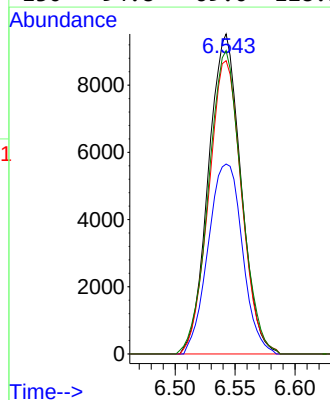
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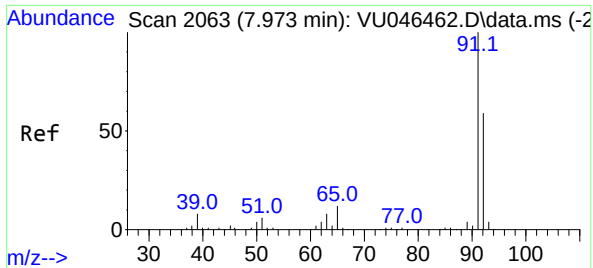
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#34
Trichloroethene
Concen: 14.003 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046465.D
Acq: 17 Dec 2021 12:40

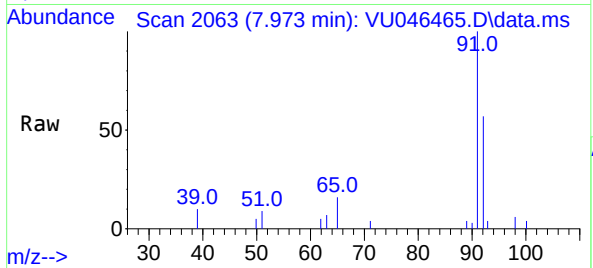
Tgt Ion: 95 Resp: 17908
Ion Ratio Lower Upper
95 100
97 59.4 44.1 81.9
132 91.7 66.8 124.0
130 94.8 69.0 128.1





#42
Toluene
Concen: 1.308 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VU046465.D
Acq: 17 Dec 2021 12:40

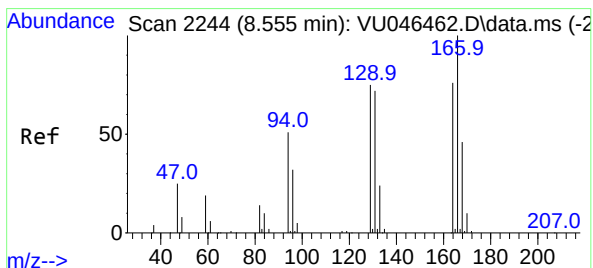
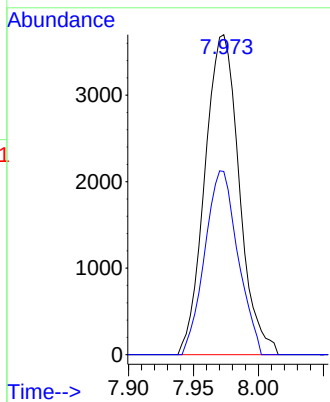
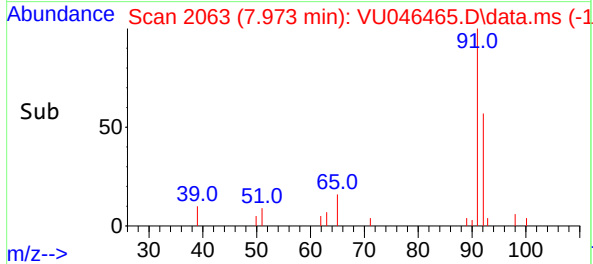
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MSVOA_U
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BGL37ME



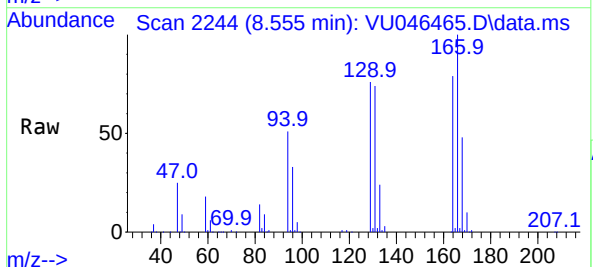
Tgt Ion: 91 Resp: 6810
Ion Ratio Lower Upper
91 100
92 57.3 41.9 77.7

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Supervised By :Mahesh Dadoda 12/22/2021



#46
Tetrachloroethene
Concen: 191.087 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046465.D
Acq: 17 Dec 2021 12:40



Tgt Ion:164 Resp: 179589
Ion Ratio Lower Upper
164 100
129 96.8 71.1 132.1
131 93.4 67.8 126.0
166 126.6 90.6 168.2

