

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046440.D
 Acq On : 16 Dec 2021 23:17
 Operator : SY/MD
 Sample : M5101-12ME
 Misc : 6.90g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGL36ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/17/2021
 Supervised By : Mahesh Dadoda 12/17/2021

Quant Time: Dec 17 04:05:46 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	152708	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	159949	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	77243	50.000	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	48810	38.802	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.600%		
7) Chloroethane-d5	1.916	69	33037m	34.206	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	68.420%#		
11) 1,1-Dichloroethene-d2	2.543	63	61213	27.107	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.220%#		
21) 2-Butanone-d5	4.655	46	70687	70.687	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	70.690%		
24) Chloroform-d	5.064	84	88414	42.088	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.180%		
26) 1,2-Dichloroethane-d4	5.704	65	62198	44.119	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.240%		
32) Benzene-d6	5.723	84	174365	38.034	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.060%		
36) 1,2-Dichloropropane-d6	6.694	67	54609	38.436	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	76.880%		
41) Toluene-d8	7.900	98	154778	37.081	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.160%#		
43) trans-1,3-Dichloroprop...	8.186	79	26466	38.588	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.180%		
47) 2-Hexanone-d5	8.684	63	54761	81.290	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.290%		
56) 1,1,2,2-Tetrachloroeth...	10.771	84	81693	37.914	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	75.820%		
66) 1,2-Dichlorobenzene-d4	12.202	152	60110	40.408	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.820%		
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.861	63	5125	2.523	ug/L	98
22) 2-Butanone	4.736	43	11828m	8.694	ug/L	
30) 1,1,1-Trichloroethane	5.311	97	73596	37.484	ug/L	98
34) Trichloroethene	6.543	95	6394	5.014	ug/L	85
46) Tetrachloroethene	8.552	164	50545	53.931	ug/L	99

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

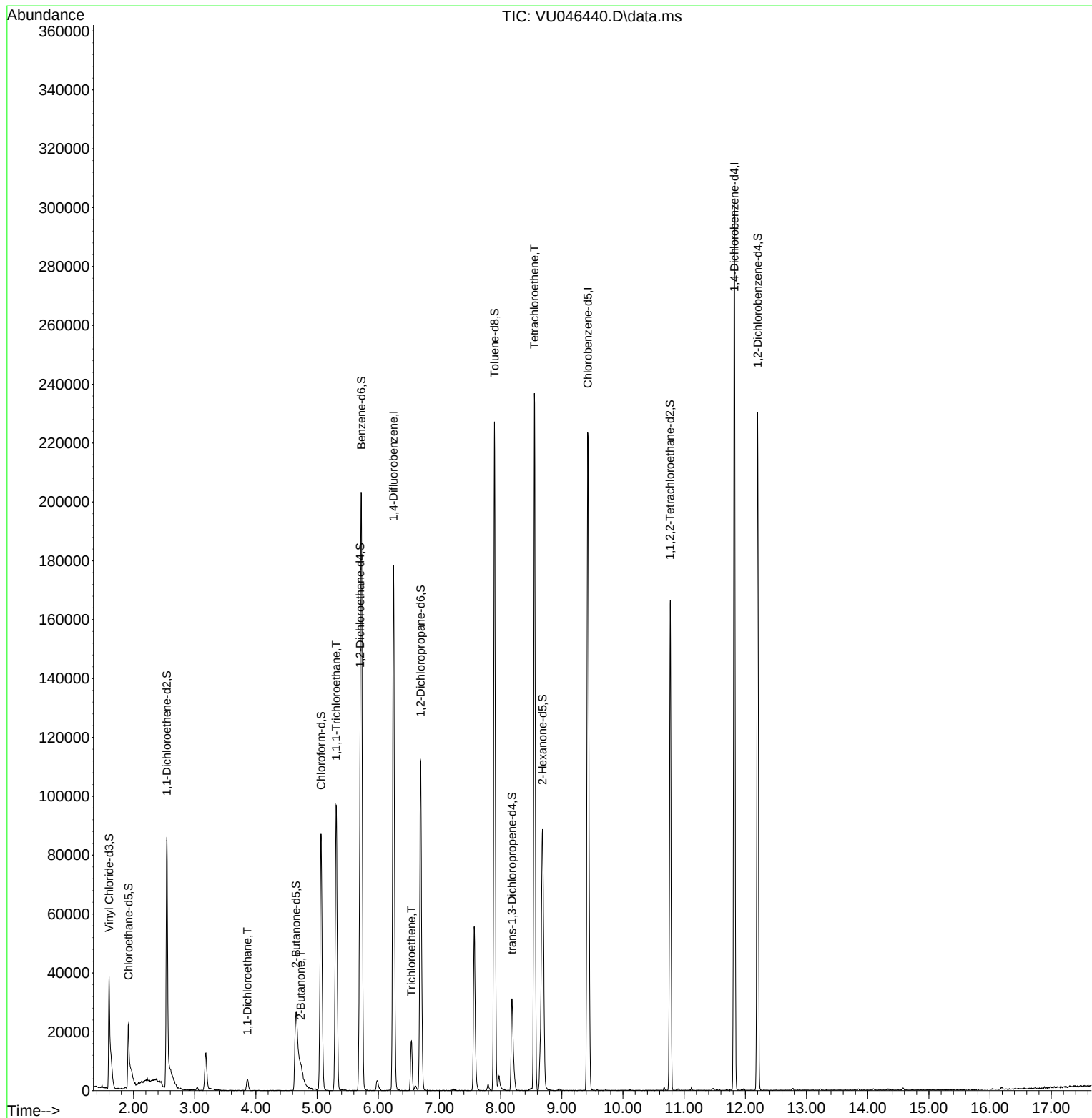
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
Data File : VU046440.D
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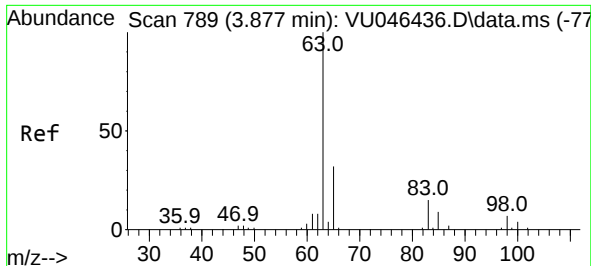
Instrument :
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BGL36ME

Quant Time: Dec 17 04:05:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
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#19

1,1-Dichloroethane

Concen: 2.523 ug/L

RT: 3.861 min Scan# 71

Delta R.T. -0.016 min

Lab File: VU046440.D

Acq: 16 Dec 2021 23:17

Instrument :

MSVOA_U

ClientSampleId :

BGL36ME

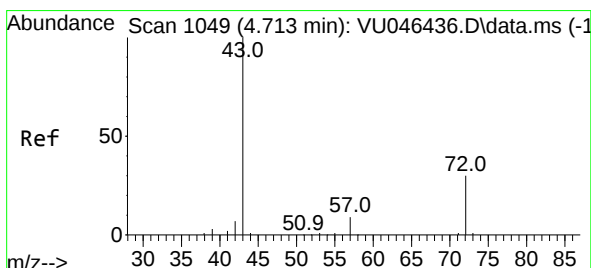
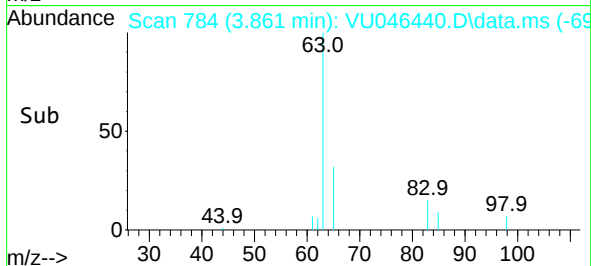
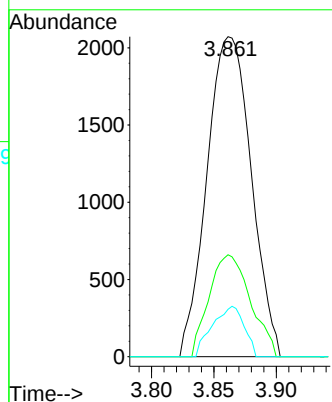
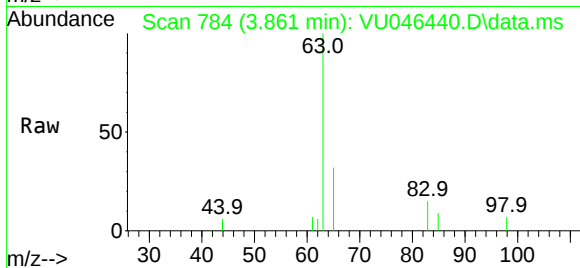
Tgt Ion: 63	Resp: 512
Ion Ratio	Lower Upper
63 100	
65 31.9	22.8 42.4
83 14.8	9.6 17.8

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#22

2-Butanone

Concen: 8.694 ug/L m

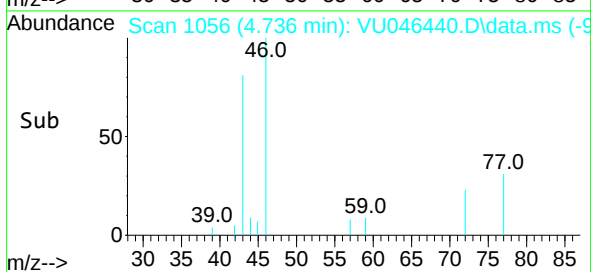
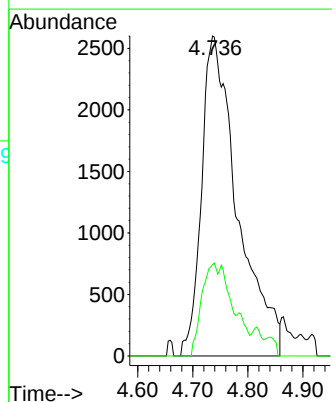
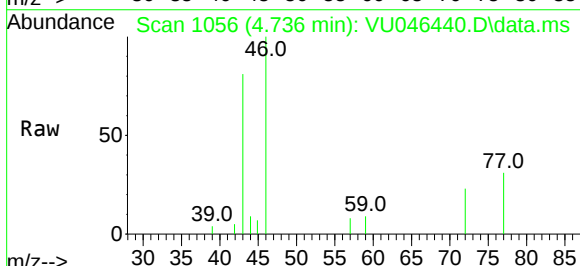
RT: 4.736 min Scan# 1056

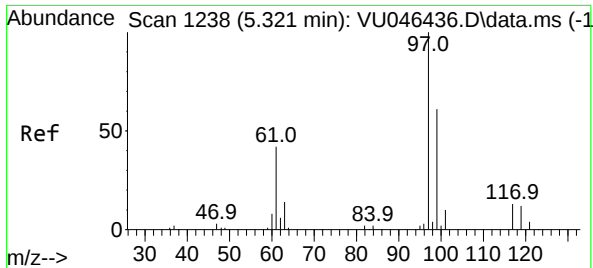
Delta R.T. 0.023 min

Lab File: VU046440.D

Acq: 16 Dec 2021 23:17

Tgt Ion: 43	Resp: 11828
Ion Ratio	Lower Upper
43 100	
72 12.7	14.5 43.6#





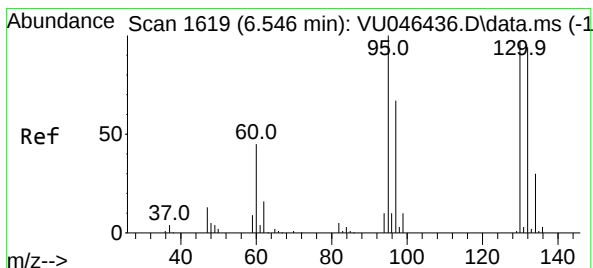
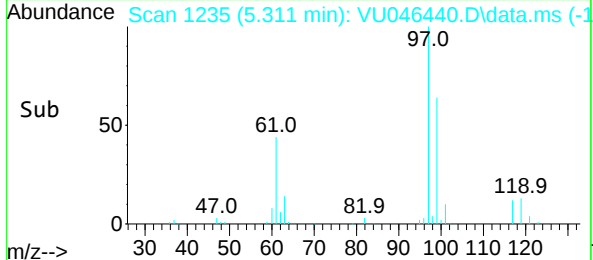
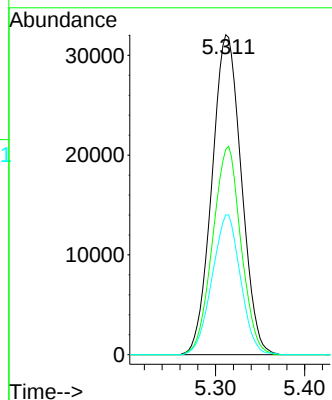
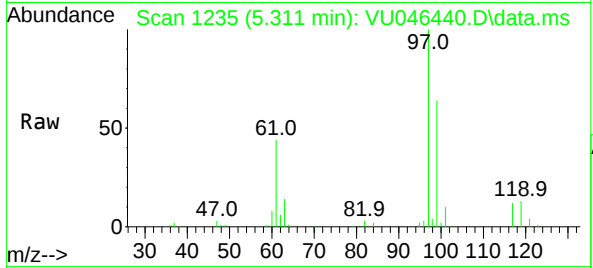
#30
1,1,1-Trichloroethane
Concen: 37.484 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.009 min
Lab File: VU046440.D
Acq: 16 Dec 2021 23:17

Instrument :
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Tgt Ion: 97	Resp: 73590
Ion Ratio	Lower Upper
97 100	
99 62.7	51.8 77.6
61 42.3	34.4 51.6

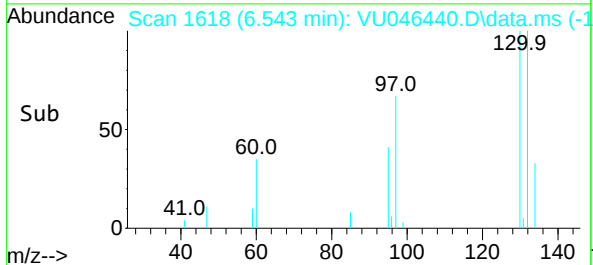
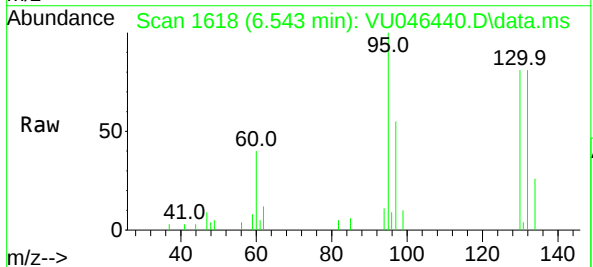
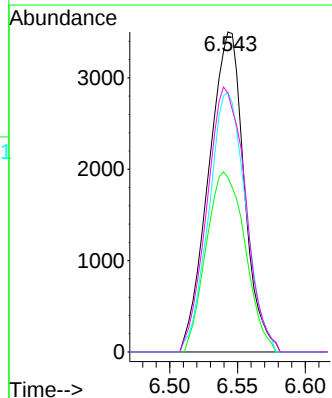
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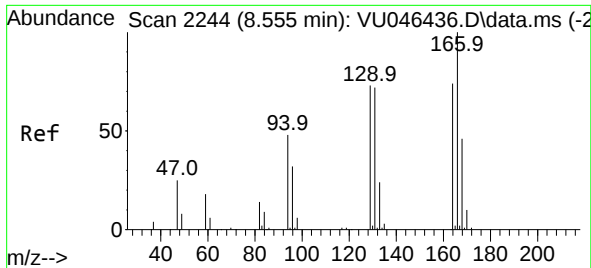
Reviewed By :John Carlone 12/17/2021
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#34
Trichloroethene
Concen: 5.014 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046440.D
Acq: 16 Dec 2021 23:17

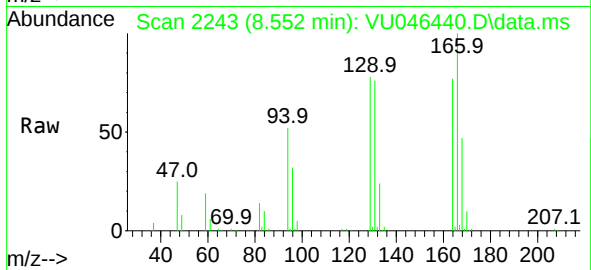
Tgt Ion: 95	Resp: 6394
Ion Ratio	Lower Upper
95 100	
97 54.5	44.1 81.9
132 81.2	66.8 124.0
130 80.9	69.0 128.1





#46
Tetrachloroethene
Concen: 53.931 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046440.D
Acq: 16 Dec 2021 23:17

Instrument :
MSVOA_U
ClientSampleId :
BGL36ME



Tgt Ion:	164	Resp:	50549
Ion Ratio	Lower	Upper	
164	100		
129	100.9	71.1	132.1
131	98.4	67.8	126.0
166	130.0	90.6	168.2

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