

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121921\
 Data File : VU046489.D
 Acq On : 19 Dec 2021 13:09
 Operator : SY/MD
 Sample : M5062-18ME
 Misc : 6.29g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGL19ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 20 00:26:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 00:25:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	148859	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	159709	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	78957	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	42831	34.929	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.860%		
7) Chloroethane-d5	1.919	69	34738m	36.897	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.800%		
11) 1,1-Dichloroethene-d2	2.555	63	51808	23.535	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	47.080%#		
21) 2-Butanone-d5	4.658	46	73187	75.080	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	75.080%		
24) Chloroform-d	5.063	84	90803	44.343	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.680%		
26) 1,2-Dichloroethane-d4	5.703	65	62448	45.441	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.880%		
32) Benzene-d6	5.726	84	174333	38.084	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.160%		
36) 1,2-Dichloropropane-d6	6.690	67	55547	39.155	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	78.300%		
41) Toluene-d8	7.899	98	157054	37.682	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.360%#		
43) trans-1,3-Dichloroprop...	8.185	79	28348	41.394	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.780%		
47) 2-Hexanone-d5	8.697	63	64456	95.826	ug/L	0.06
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.830%		
56) 1,1,2,2-Tetrachloroeth...	10.777	84	90742	42.177	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.360%		
66) 1,2-Dichlorobenzene-d4	12.201	152	64430	42.372	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.740%		
Target Compounds					Qvalue	
22) 2-Butanone	4.742	43	4079	3.076	ug/L	74
34) Trichloroethene	6.542	95	5159	4.051	ug/L	98
46) Tetrachloroethene	8.552	164	228522	244.197	ug/L	99

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

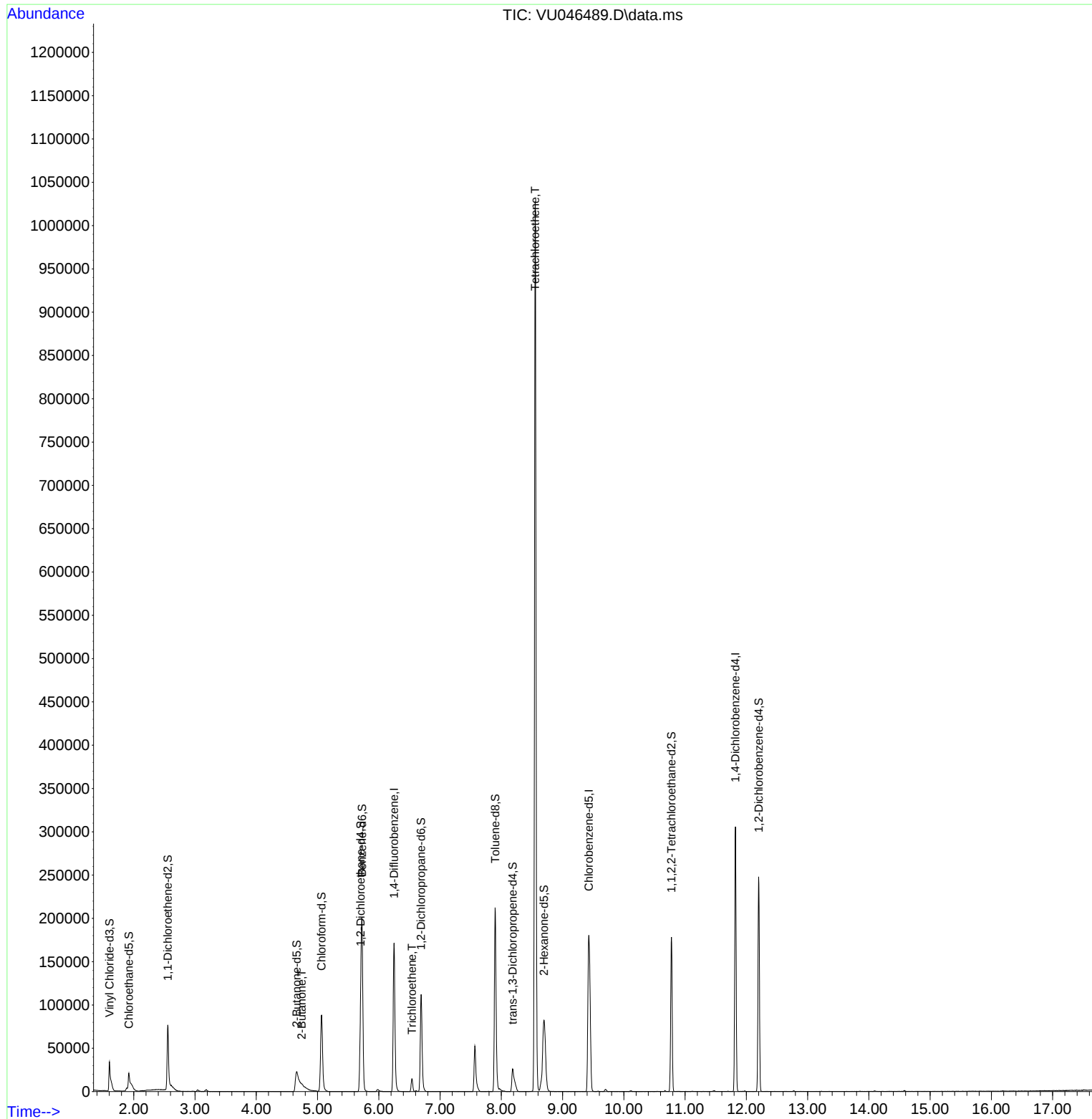
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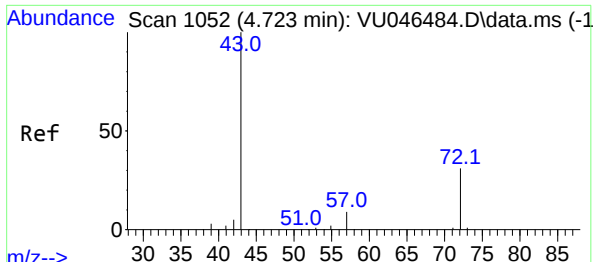
Instrument :
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#22

2-Butanone

Concen: 3.076 ug/L

RT: 4.742 min Scan# 1058

Delta R.T. 0.019 min

Lab File: VU046489.D

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Instrument :

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ClientSampleId :

BGL19ME

Tgt Ion: 43 Resp: 4079

Ion Ratio Lower Upper

43 100

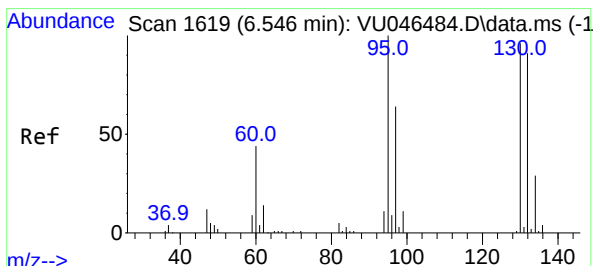
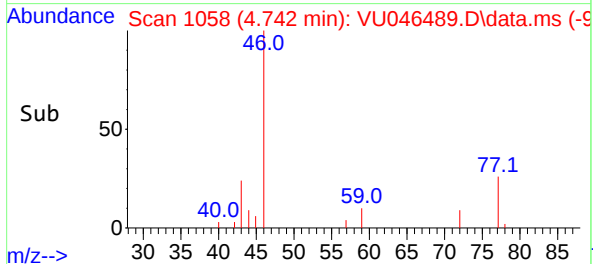
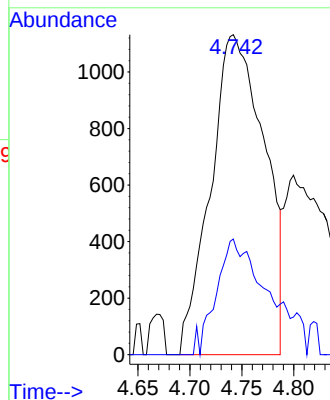
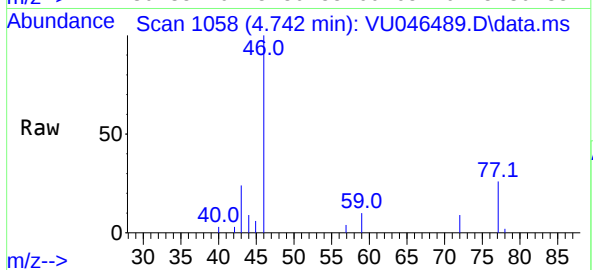
72 15.4 14.5 43.6

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#34

Trichloroethene

Concen: 4.051 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU046489.D

Acq: 19 Dec 2021 13:09

Tgt Ion: 95 Resp: 5159

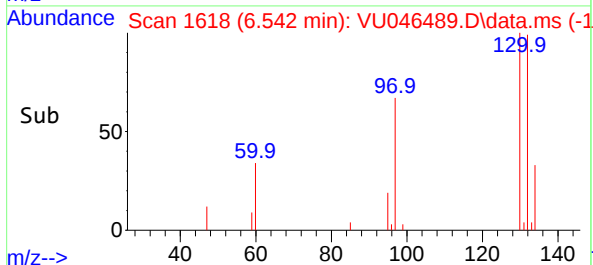
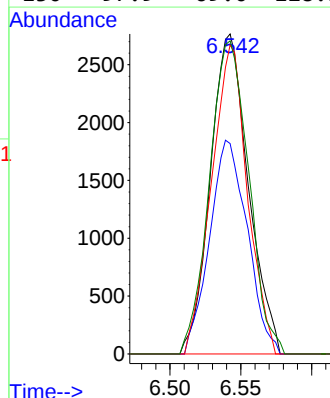
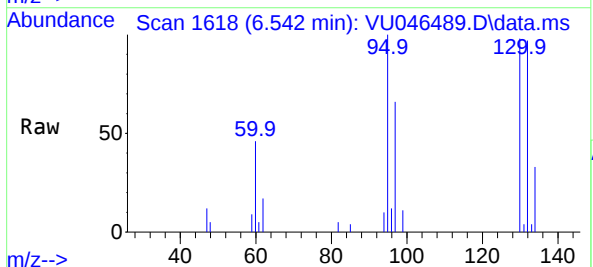
Ion Ratio Lower Upper

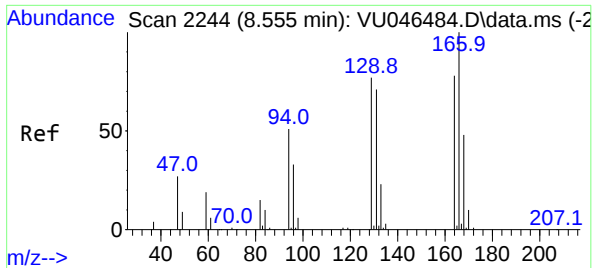
95 100

97 65.8 44.1 81.9

132 96.5 66.8 124.0

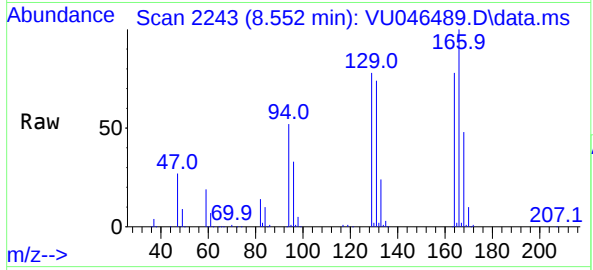
130 97.9 69.0 128.1





#46
Tetrachloroethene
Concen: 244.197 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.003 min
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Tgt Ion:164 Resp: 22852

Ion	Ratio	Lower	Upper
164	100		
129	100.4	71.1	132.1
131	95.3	67.8	126.0
166	128.8	90.6	168.2

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