

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
 Data File : VU046478.D
 Acq On : 17 Dec 2021 17:34
 Operator : SY/MD
 Sample : M5102-01ME
 Misc : 6.47g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGL34ME

Quant Time: Dec 17 23:30:38 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	152042	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	157991	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	77997	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	43791	34.964	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.920%		
7) Chloroethane-d5	1.916	69	31364	32.616	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	65.240%#		
11) 1,1-Dichloroethene-d2	2.546	63	57081	25.388	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	50.780%#		
21) 2-Butanone-d5	4.658	46	69016	69.319	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	69.320%		
24) Chloroform-d	5.063	84	87105	41.647	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.300%		
26) 1,2-Dichloroethane-d4	5.703	65	59944	42.706	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.420%		
32) Benzene-d6	5.726	84	169267	37.380	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	74.760%		
36) 1,2-Dichloropropane-d6	6.693	67	54074	38.531	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	77.060%		
41) Toluene-d8	7.899	98	148601	36.042	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	72.080%#		
43) trans-1,3-Dichloroprop...	8.185	79	26983	39.829	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.660%		
47) 2-Hexanone-d5	8.681	63	52860	79.441	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.440%		
56) 1,1,2,2-Tetrachloroeth...	10.774	84	81628	38.353	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery =	76.700%		
66) 1,2-Dichlorobenzene-d4	12.201	152	59461	39.586	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.180%#		
Target Compounds					Qvalue	
22) 2-Butanone	4.739	43	6013m	4.439	ug/L	
30) 1,1,1-Trichloroethane	5.311	97	8056	4.154	ug/L	97
46) Tetrachloroethene	8.552	164	4463	4.821	ug/L	96

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

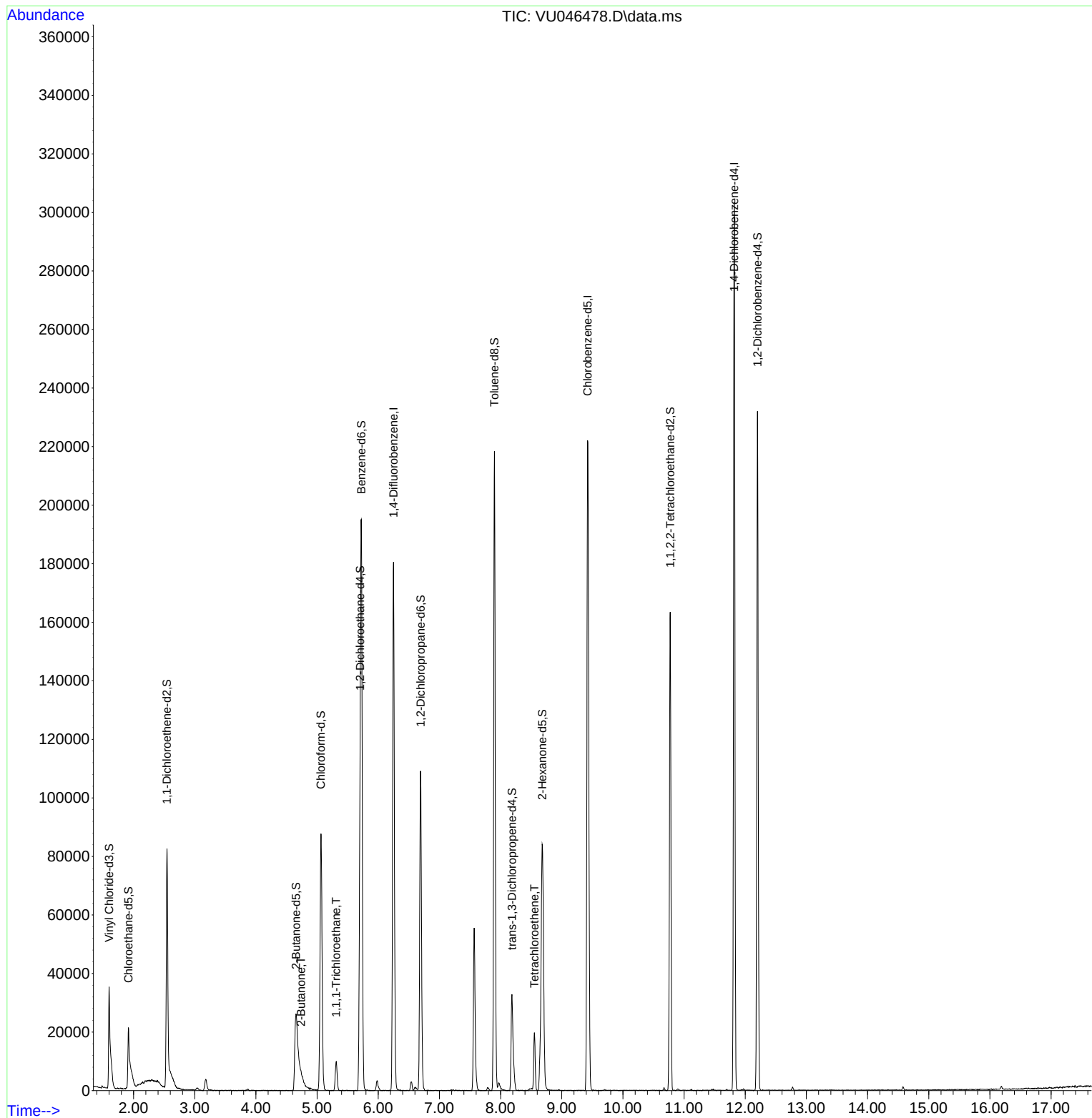
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ALS Vial : 18 Sample Multiplier: 1

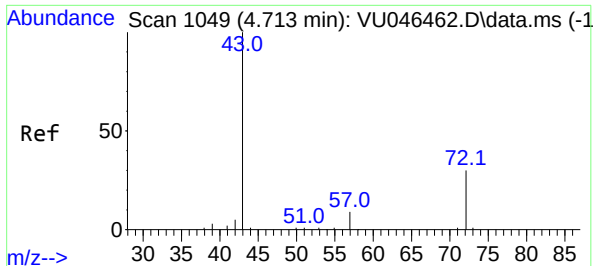
Instrument :
MSVOA_U
ClientSampleId :
BGL34ME

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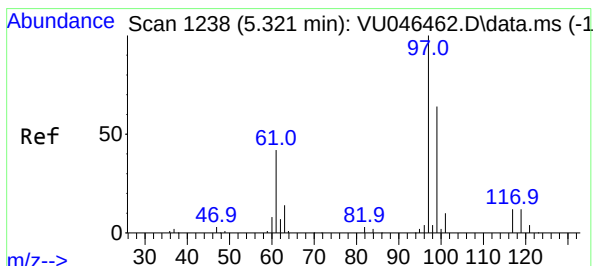
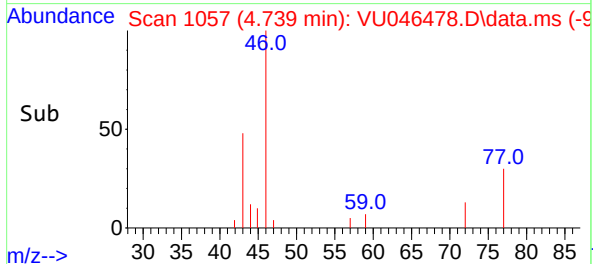
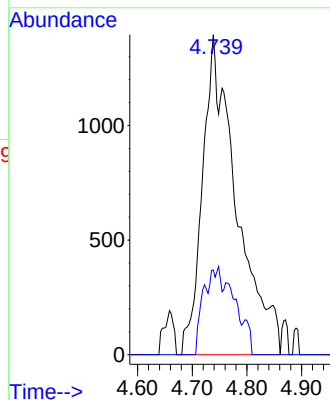
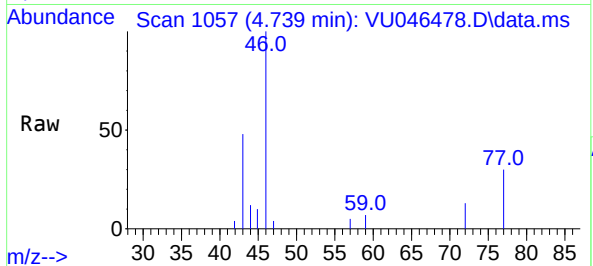
#22
2-Butanone
Concen: 4.439 ug/L m
RT: 4.739 min Scan# 1049
Delta R.T. 0.026 min
Lab File: VU046478.D
Acq: 17 Dec 2021 17:34

Instrument :
MSVOA_U
ClientSampleId :
BGL34ME

Tgt Ion: 43 Resp: 601
Ion Ratio Lower Upper
43 100
72 5.4 14.5 43.6

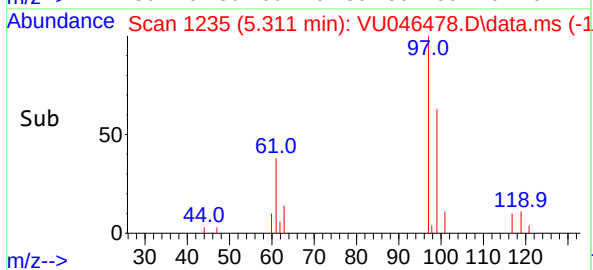
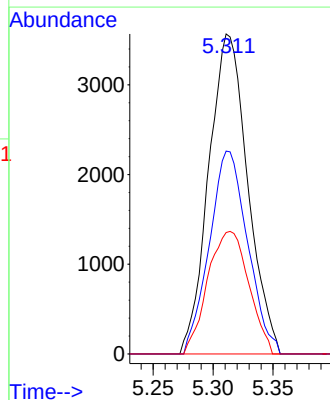
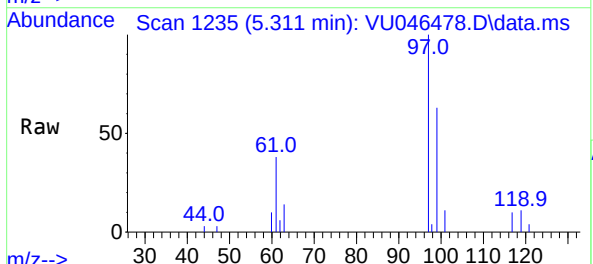
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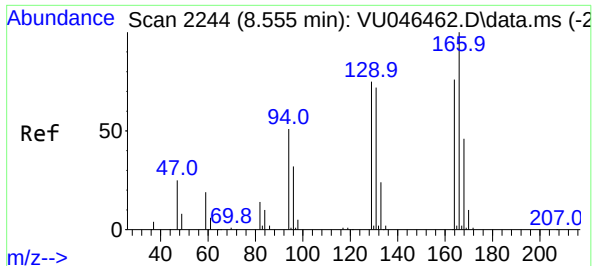
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#30
1,1,1-Trichloroethane
Concen: 4.154 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.010 min
Lab File: VU046478.D
Acq: 17 Dec 2021 17:34

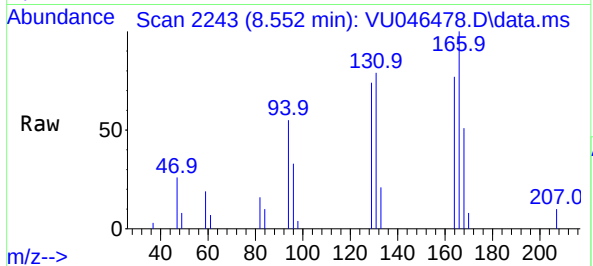
Tgt Ion: 97 Resp: 8056
Ion Ratio Lower Upper
97 100
99 62.3 51.8 77.6
61 40.3 34.4 51.6





#46
Tetrachloroethene
Concen: 4.821 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046478.D
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ClientSampleId :
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Tgt Ion:164 Resp: 446
Ion Ratio Lower Upper
164 100
129 96.3 71.1 132.1
131 102.6 67.8 126.0
166 130.2 90.6 168.2

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