

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
 Data File : VU046479.D
 Acq On : 17 Dec 2021 17:56
 Operator : SY/MD
 Sample : M5102-02ME
 Misc : 6.20g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGL45ME

Quant Time: Dec 17 23:30:52 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	146992	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	153058	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	75022	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	51191	42.277	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.560%		
7) Chloroethane-d5	1.916	69	36892m	39.683	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.360%		
11) 1,1-Dichloroethene-d2	2.546	63	66121	30.419	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.840%		
21) 2-Butanone-d5	4.655	46	82541	85.751	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.750%		
24) Chloroform-d	5.063	84	102113	50.500	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.000%		
26) 1,2-Dichloroethane-d4	5.703	65	71045	52.354	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.700%		
32) Benzene-d6	5.723	84	202551	46.172	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.340%		
36) 1,2-Dichloropropane-d6	6.690	67	63047	46.372	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.740%		
41) Toluene-d8	7.899	98	177848	44.526	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.060%		
43) trans-1,3-Dichloroprop...	8.185	79	30570	46.578	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.160%		
47) 2-Hexanone-d5	8.681	63	64193	99.582	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.580%		
56) 1,1,2,2-Tetrachloroeth...	10.774	84	95274	46.208	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.420%		
66) 1,2-Dichlorobenzene-d4	12.201	152	69911	48.388	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.780%		
Target Compounds					Qvalue	
22) 2-Butanone	4.735	43	6087m	4.648	ug/L	
30) 1,1,1-Trichloroethane	5.314	97	1938m	1.032	ug/L	
46) Tetrachloroethene	8.552	164	12178	13.579	ug/L	94

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

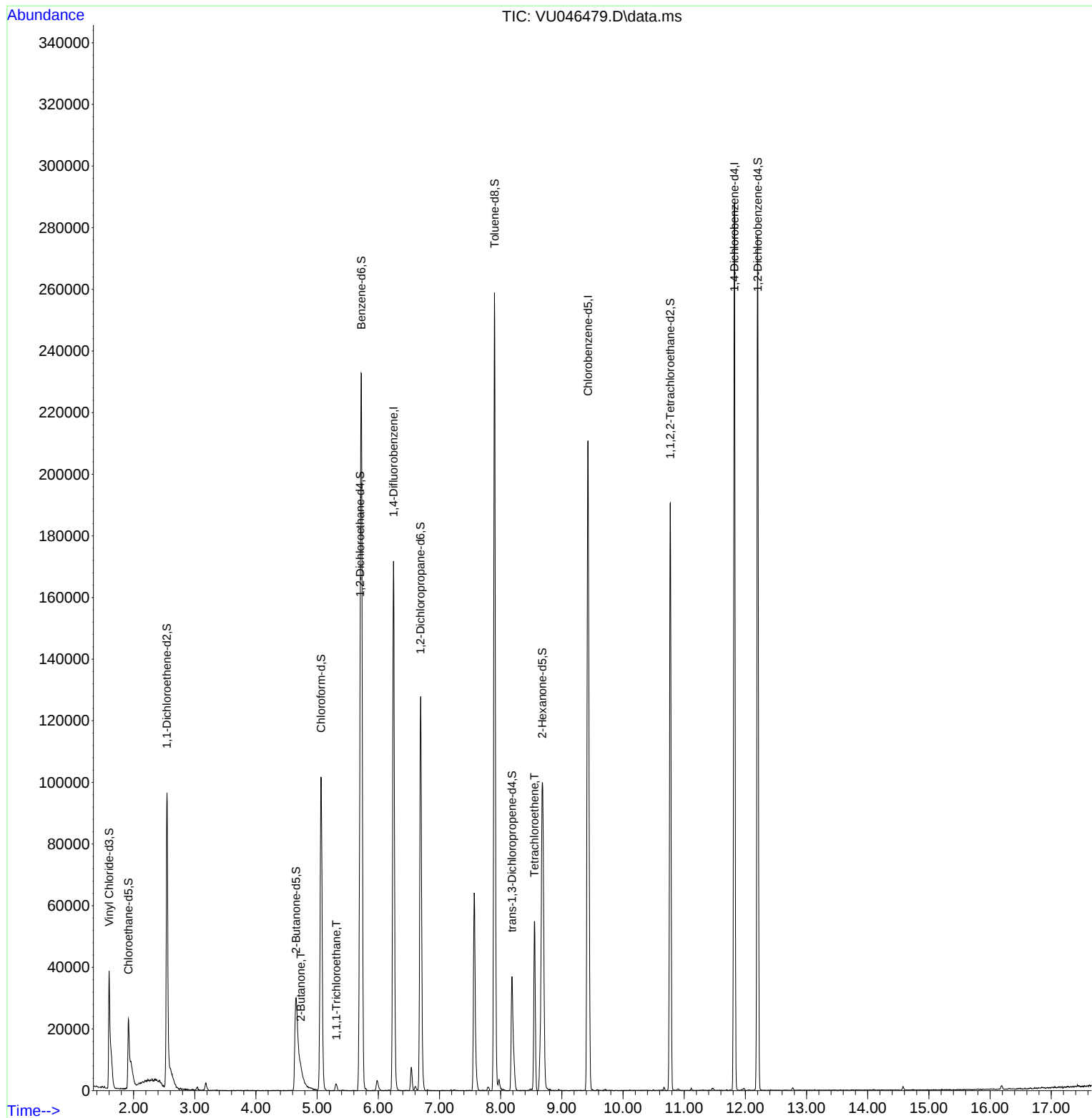
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ALS Vial : 19 Sample Multiplier: 1

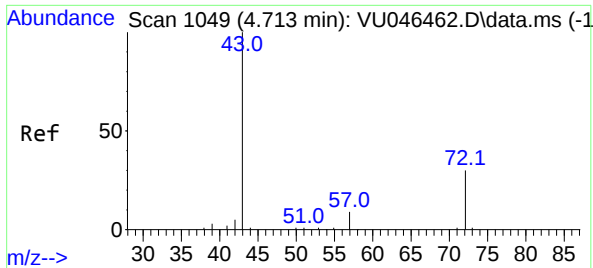
Instrument :
MSVOA_U
ClientSampleId :
BGL45ME

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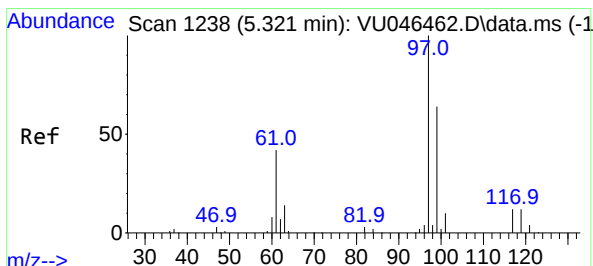
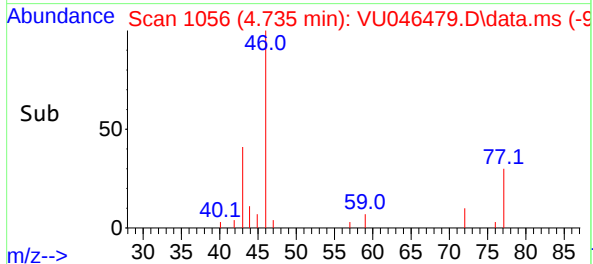
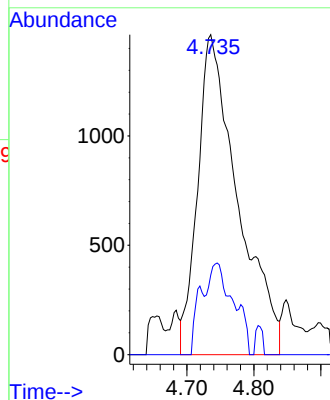
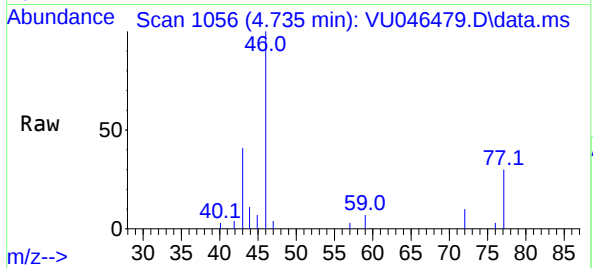
#22
2-Butanone
Concen: 4.648 ug/L m
RT: 4.735 min Scan# 1056
Delta R.T. 0.023 min
Lab File: VU046479.D
Acq: 17 Dec 2021 17:56

Instrument :
MSVOA_U
ClientSampleId :
BGL45ME

Tgt Ion: 43 Resp: 608
Ion Ratio Lower Upper
43 100
72 4.9 14.5 43.6

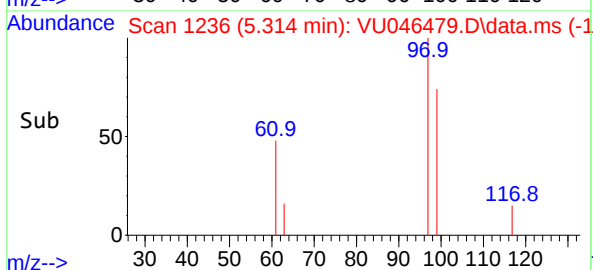
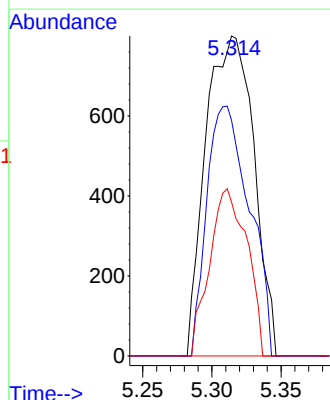
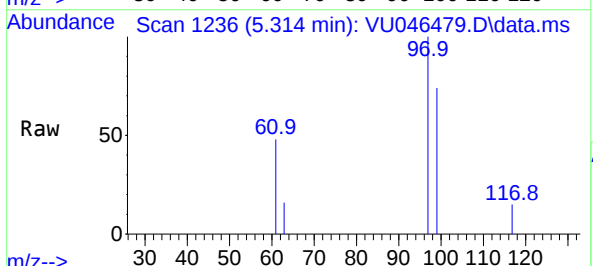
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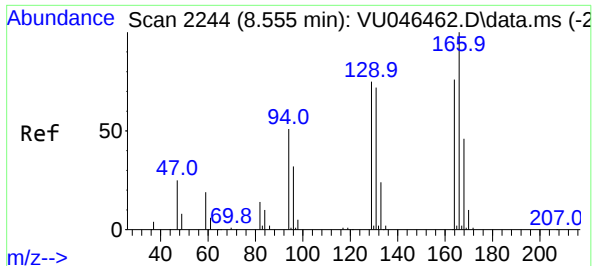
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#30
1,1,1-Trichloroethane
Concen: 1.032 ug/L m
RT: 5.314 min Scan# 1236
Delta R.T. -0.006 min
Lab File: VU046479.D
Acq: 17 Dec 2021 17:56

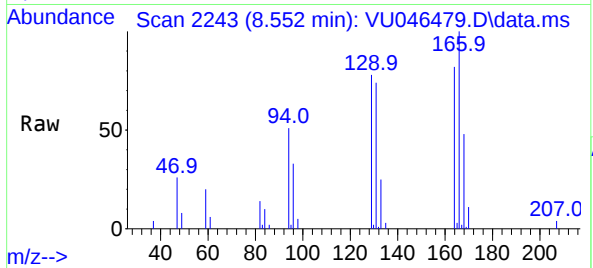
Tgt Ion: 97 Resp: 1938
Ion Ratio Lower Upper
97 100
99 69.2 51.8 77.6
61 40.6 34.4 51.6





#46
Tetrachloroethene
Concen: 13.579 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.003 min
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Tgt Ion:164 Resp: 12178
Ion Ratio Lower Upper
164 100
129 95.5 71.1 132.1
131 90.7 67.8 126.0
166 121.8 90.6 168.2

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