

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072122\
 Data File : VU049835.D
 Acq On : 21 Jul 2022 17:46
 Operator : SY/MD
 Sample : N3722-13ME
 Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5C49ME

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/22/2022
 Supervised By :Semsettin Yesilyurt 07/24/2022

Quant Time: Jul 22 04:15:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 22 03:08:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	182342	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	176971	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	81586	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	67211m	43.686	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.380%		
7) Chloroethane-d5	1.867	69	40976m	36.846	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.700%		
11) 1,1-Dichloroethene-d2	2.514	63	86471m	31.819	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.640%		
21) 2-Butanone-d5	4.642	46	170109	129.521	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	129.520%		
24) Chloroform-d	5.060	84	140575	51.588	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.180%		
26) 1,2-Dichloroethane-d4	5.697	65	102875	55.782	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.560%		
32) Benzene-d6	5.719	84	258712	48.121	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.240%		
36) 1,2-Dichloropropane-d6	6.690	67	95458	52.787	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.580%		
41) Toluene-d8	7.896	98	210364	44.931	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.860%		
43) trans-1,3-Dichloroprop...	8.182	79	39503	51.847	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.700%		
47) 2-Hexanone-d5	8.648	63	106130	130.469	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	130.470%#		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	161649	63.885	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	127.780%#		
66) 1,2-Dichlorobenzene-d4	12.198	152	83540	54.308	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.620%		
Target Compounds						Qvalue
16) Methylene chloride	3.018	84	2318	1.412	ug/L	87
22) 2-Butanone	4.726	43	19421	11.622	ug/L	97

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

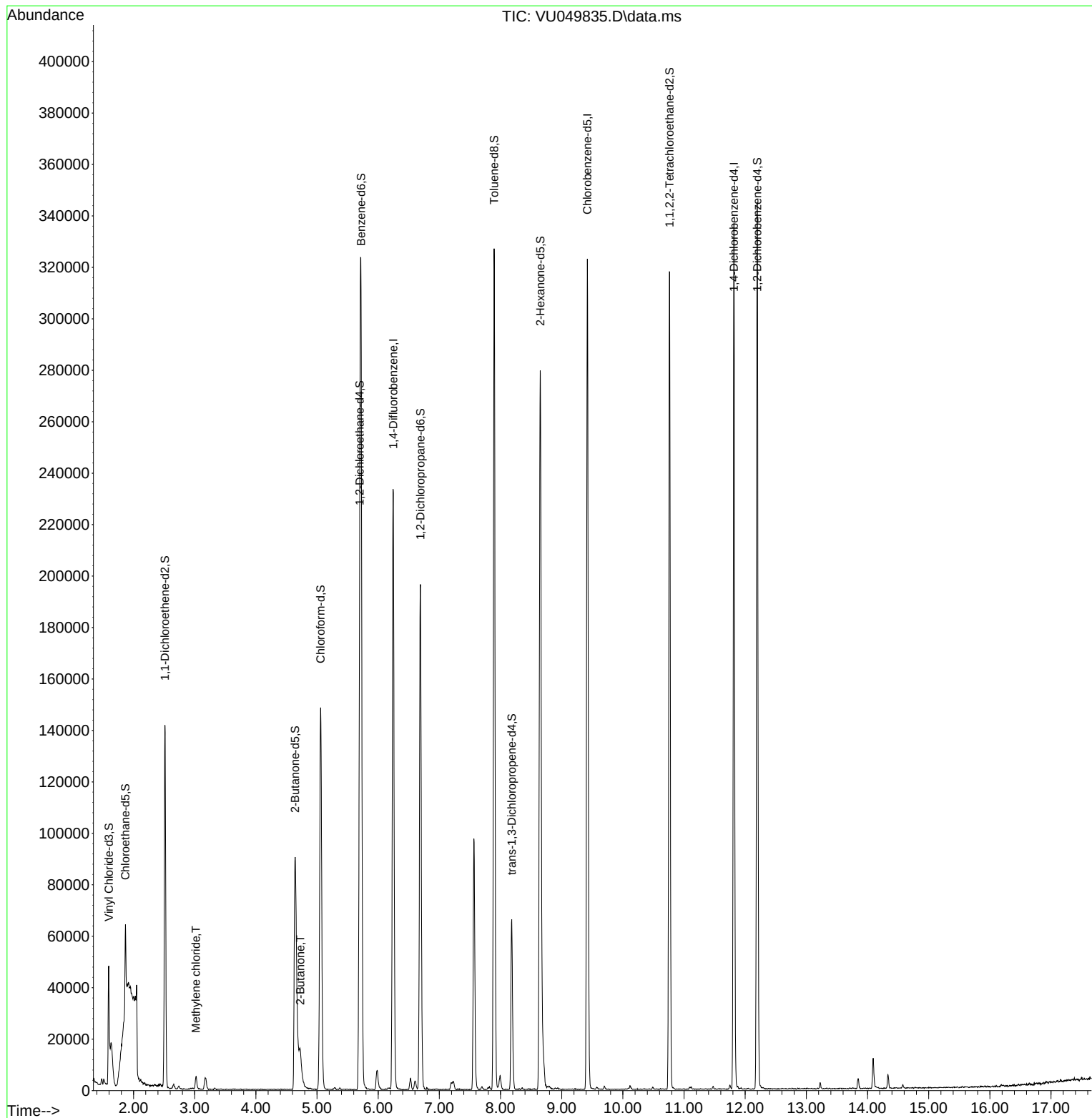
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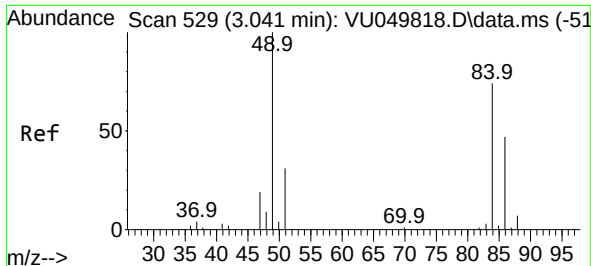
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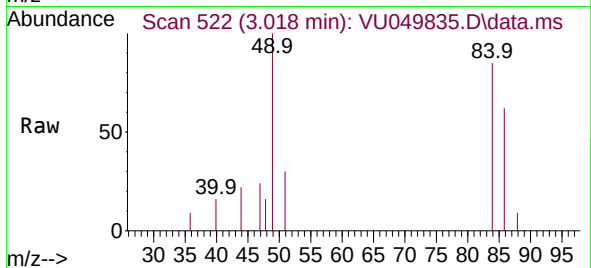
Reviewed By :Krupa Patel 07/22/2022
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#16
Methylene chloride
Concen: 1.412 ug/L
RT: 3.018 min Scan# 51
Delta R.T. -0.022 min
Lab File: VU049835.D
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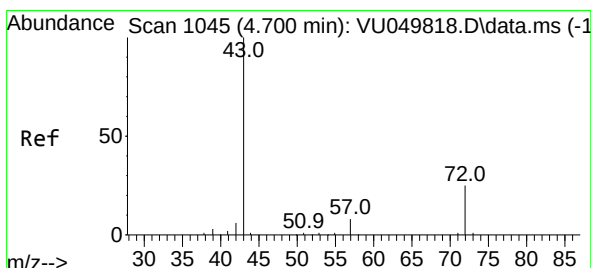
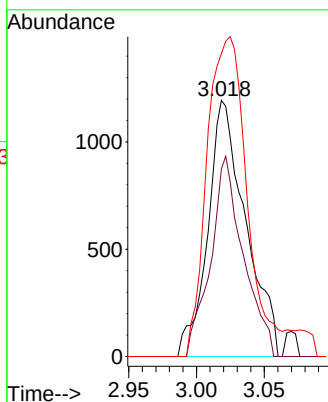
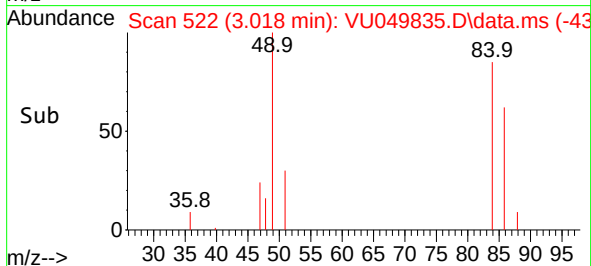
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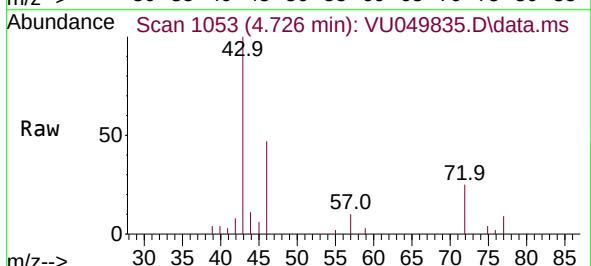
Tgt Ion: 84 Resp: 2318
Ion Ratio Lower Upper
84 100
86 73.2 45.6 84.6
49 118.3 94.4 175.4

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#22
2-Butanone
Concen: 11.622 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.026 min
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Tgt Ion: 43 Resp: 19421
Ion Ratio Lower Upper
43 100
72 24.0 12.7 38.0

