

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046438.D
 Acq On : 16 Dec 2021 22:32
 Operator : SY/MD
 Sample : M5101-10ME
 Misc : 6.78g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGL33ME

Quant Time: Dec 17 04:05:15 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)

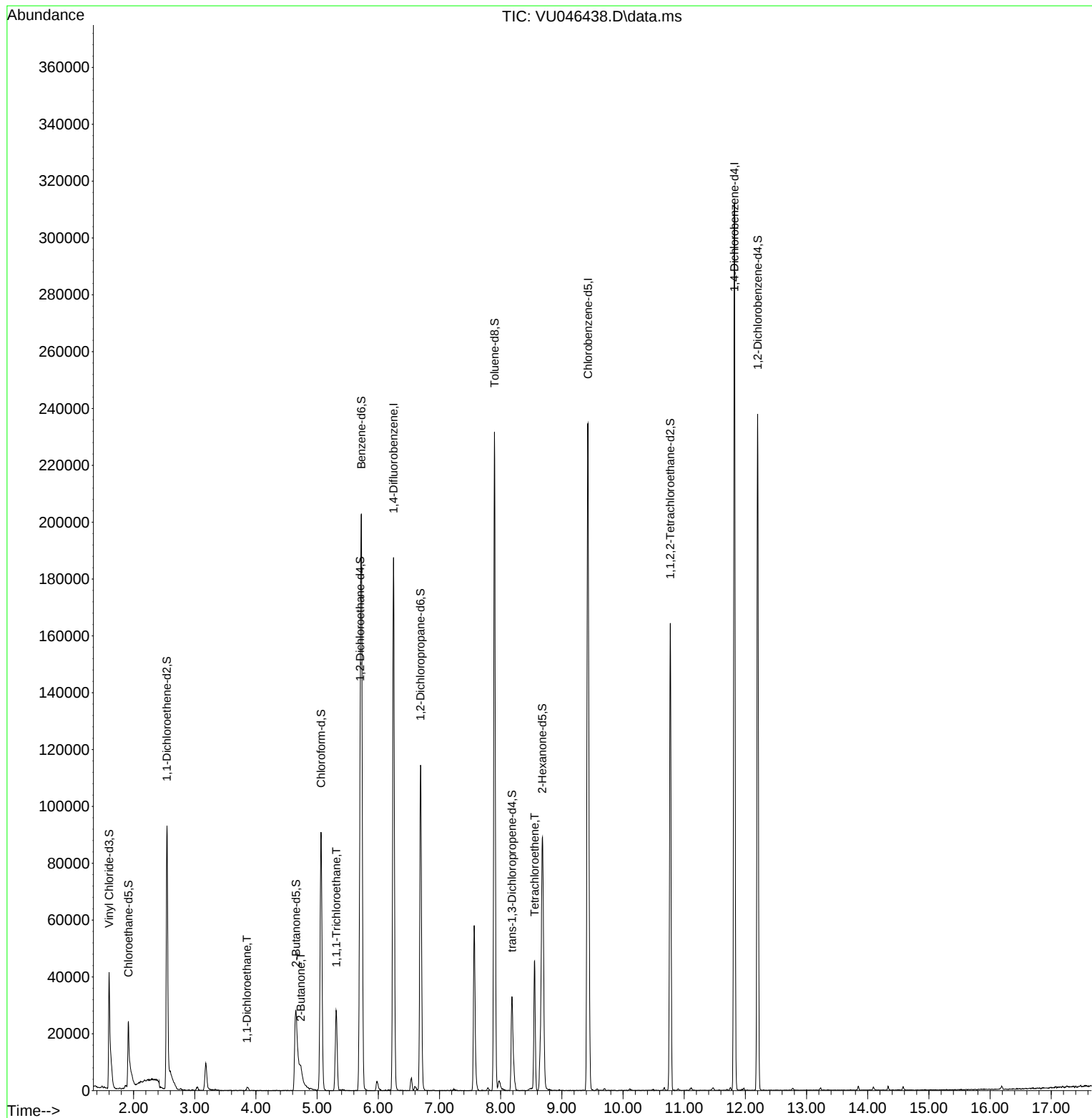
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	154031	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	162903	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	80494	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	49163	38.747	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.500%
7) Chloroethane-d5	1.916	69	31432	32.265	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.520%#
11) 1,1-Dichloroethene-d2	2.546	63	62195	27.305	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.620%#
21) 2-Butanone-d5	4.655	46	71970	71.352	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.350%
24) Chloroform-d	5.063	84	87423	41.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.520%
26) 1,2-Dichloroethane-d4	5.703	65	60776	42.740	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.480%
32) Benzene-d6	5.722	84	178258	38.178	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.360%
36) 1,2-Dichloropropane-d6	6.690	67	54531	37.685	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.360%
41) Toluene-d8	7.899	98	156827	36.890	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.780%#
43) trans-1,3-Dichloroprop...	8.185	79	26748	38.292	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.580%
47) 2-Hexanone-d5	8.681	63	53712	78.287	ug/L	0.05
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.290%
56) 1,1,2,2-Tetrachloroeth...	10.774	84	82139	37.430	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.860%
66) 1,2-Dichlorobenzene-d4	12.201	152	60746	39.187	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.380%#
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.854	63	1904	0.929	ug/L	99
22) 2-Butanone	4.735	43	9597	6.993	ug/L	74
30) 1,1,1-Trichloroethane	5.314	97	21010	10.507	ug/L	99
46) Tetrachloroethene	8.555	164	9584	10.041	ug/L	98

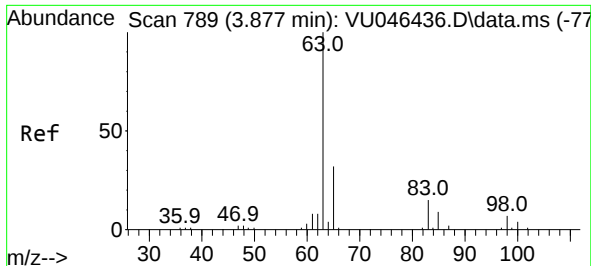
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.929 ug/L

RT: 3.854 min Scan# 71

Delta R.T. -0.022 min

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ClientSampleId :

BGL33ME

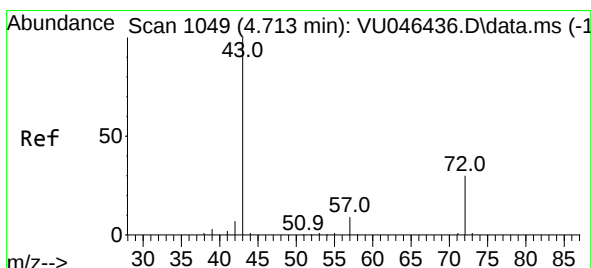
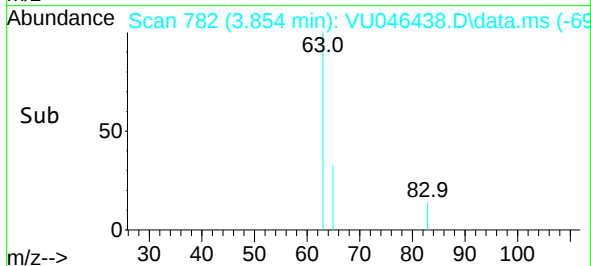
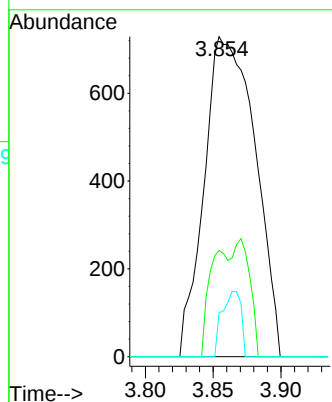
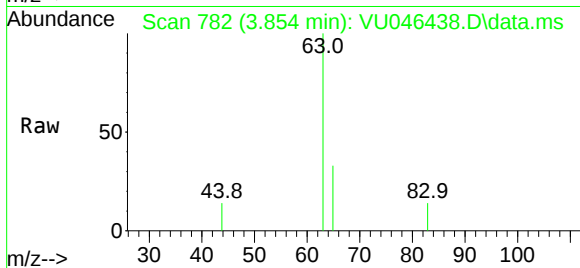
Tgt Ion: 63 Resp: 1904

Ion Ratio Lower Upper

63 100

65 33.2 22.8 42.4

83 13.7 9.6 17.8



#22

2-Butanone

Concen: 6.993 ug/L

RT: 4.735 min Scan# 1056

Delta R.T. 0.023 min

Lab File: VU046438.D

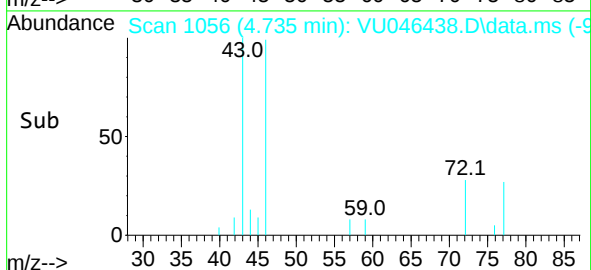
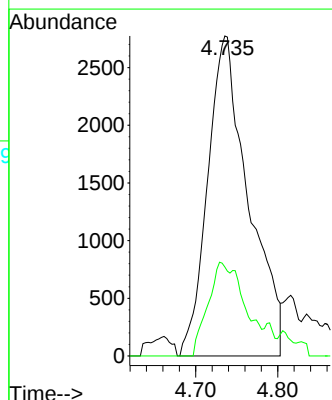
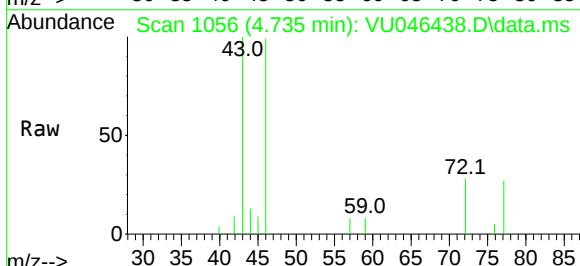
Acq: 16 Dec 2021 22:32

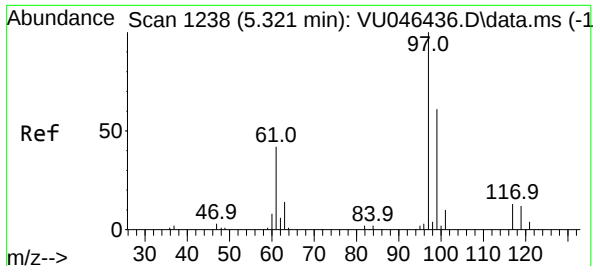
Tgt Ion: 43 Resp: 9597

Ion Ratio Lower Upper

43 100

72 15.3 14.5 43.6

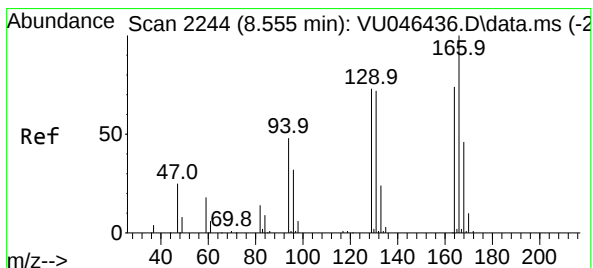
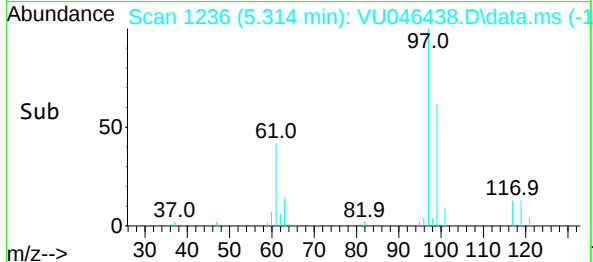
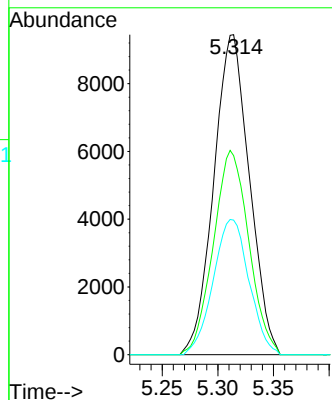
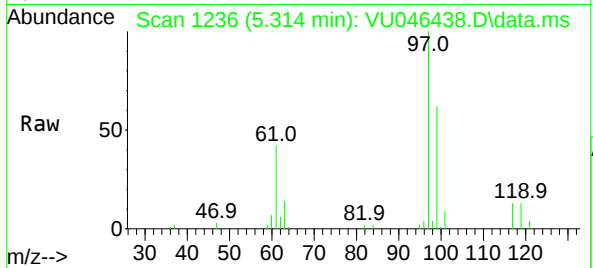




#30
1,1,1-Trichloroethane
Concen: 10.507 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.006 min
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Tgt Ion: 97	Resp:	21010
Ion	Ratio	Lower Upper
97	100	
99	63.6	51.8 77.6
61	42.5	34.4 51.6



#46
Tetrachloroethene
Concen: 10.041 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046438.D
Acq: 16 Dec 2021 22:32

Tgt Ion: 164	Resp:	9584
Ion	Ratio	Lower Upper
164	100	
129	102.0	71.1 132.1
131	102.3	67.8 126.0
166	130.8	90.6 168.2

