

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU113021\
 Data File : VU046028.D
 Acq On : 30 Nov 2021 12:36
 Operator : SY/MD
 Sample : M4833-19ME
 Misc : 4.27g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESQN6ME

Quant Time: Dec 01 00:34:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 01 00:33:27 2021
 Response via : Initial Calibration

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

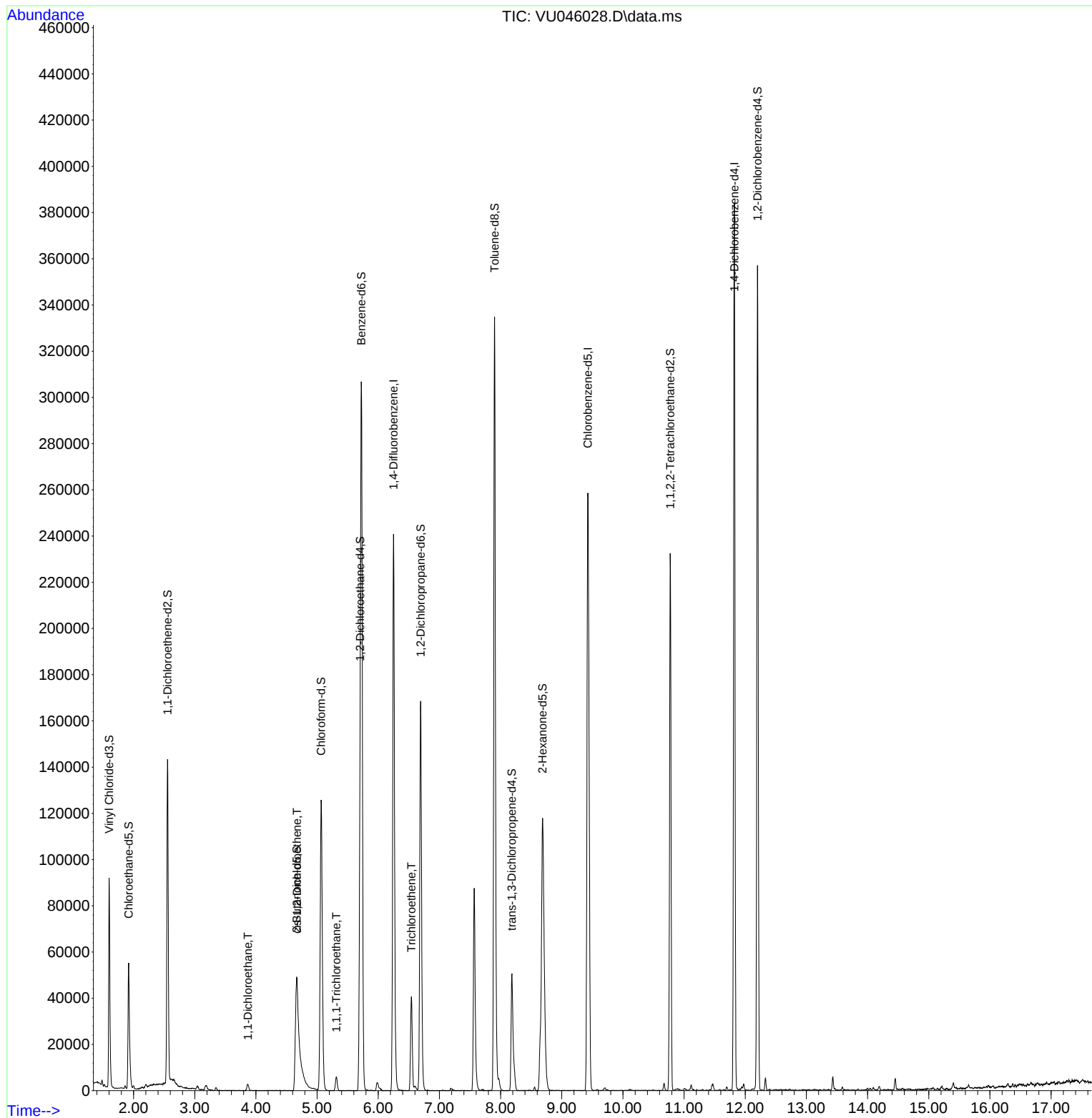
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	215447	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	213009	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	101269	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	75905	42.770	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.540%		
7) Chloroethane-d5	1.919	69	53702	39.410	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.820%		
11) 1,1-Dichloroethene-d2	2.555	63	83579	26.233	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	52.460%#		
21) 2-Butanone-d5	4.668	46	121066	85.812	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.810%		
24) Chloroform-d	5.066	84	123733	41.749	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.500%		
26) 1,2-Dichloroethane-d4	5.703	65	87488	43.986	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.980%		
32) Benzene-d6	5.726	84	276379	45.269	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.540%		
36) 1,2-Dichloropropane-d6	6.693	67	86098	45.504	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.000%		
41) Toluene-d8	7.902	98	251598	45.261	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.520%		
43) trans-1,3-Dichloroprop...	8.182	79	41563	45.504	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.000%		
47) 2-Hexanone-d5	8.687	63	79152	88.229	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.230%		
56) 1,1,2,2-Tetrachloroeth...	10.774	84	118233	41.204	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.400%		
66) 1,2-Dichlorobenzene-d4	12.201	152	92162	47.256	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.520%		
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.870	63	3695	1.289	ug/L	94
20) cis-1,2-Dichloroethene	4.671	96	8116	4.745	ug/L	97
30) 1,1,1-Trichloroethane	5.314	97	4781	1.829	ug/L	98
34) Trichloroethene	6.542	95	13225	7.787	ug/L	98

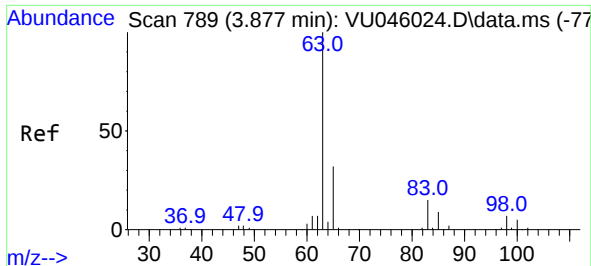
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 01 00:33:27 2021
Response via : Initial Calibration





#19

1,1-Dichloroethane

Concen: 1.289 ug/L

RT: 3.870 min Scan# 789

Delta R.T. -0.007 min

Lab File: VU046028.D

Acq: 30 Nov 2021 12:36

Instrument :

MSVOA_U

ClientSampleId :

ESQN6ME

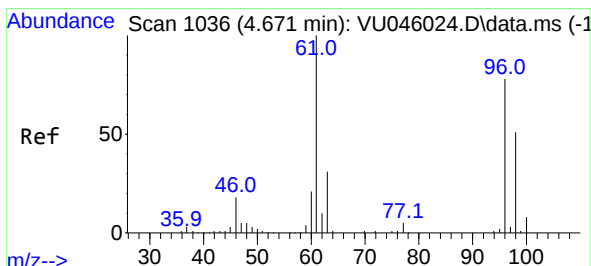
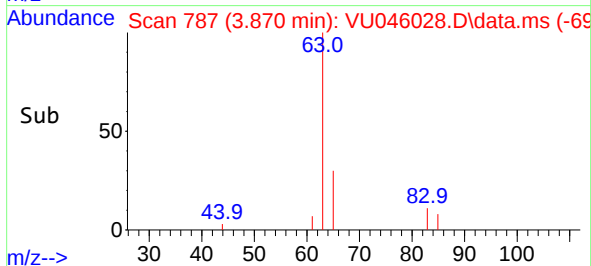
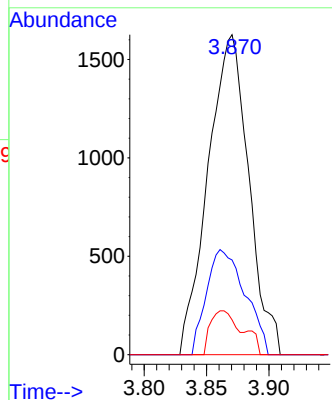
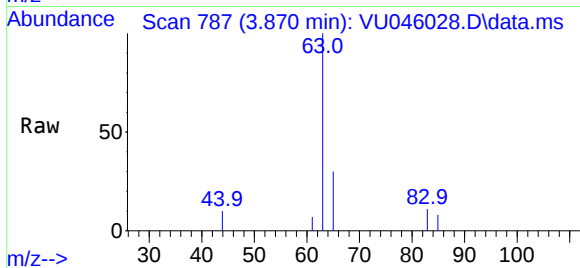
Tgt Ion: 63 Resp: 3695

Ion Ratio Lower Upper

63 100

65 29.6 22.8 42.4

83 10.9 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 4.745 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU046028.D

Acq: 30 Nov 2021 12:36

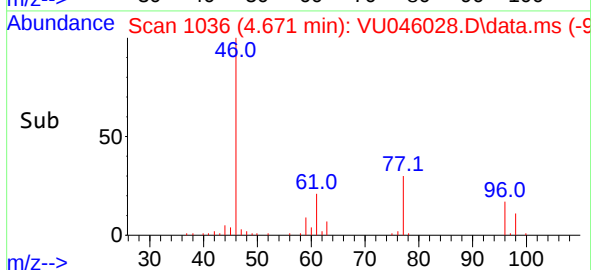
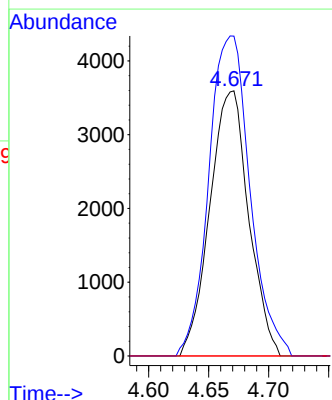
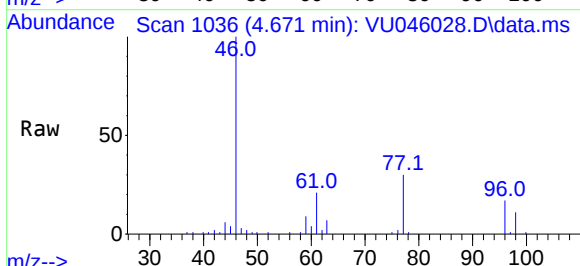
Tgt Ion: 96 Resp: 8116

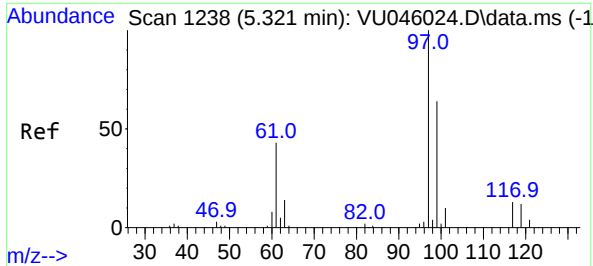
Ion Ratio Lower Upper

96 100

61 120.6 86.8 161.2

68 0.0 0.0 0.0



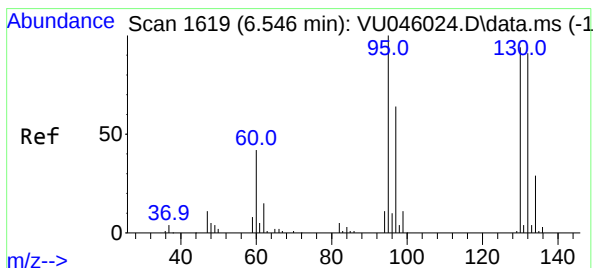
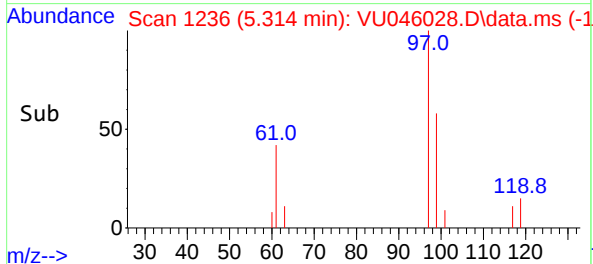
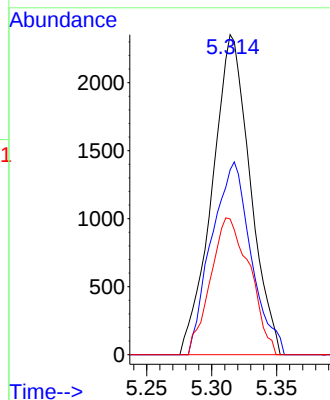
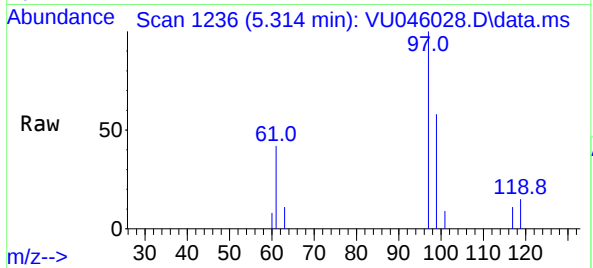


#30
1,1,1-Trichloroethane
Concen: 1.829 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU046028.D
Acq: 30 Nov 2021 12:36

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Tgt Ion: 97 Resp: 4781

Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.8	77.6
61	44.2	34.4	51.6



#34
Trichloroethene
Concen: 7.787 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046028.D
Acq: 30 Nov 2021 12:36

Tgt Ion: 95 Resp: 13225

Ion	Ratio	Lower	Upper
95	100		
97	65.7	44.1	81.9
132	95.2	66.8	124.0
130	101.8	69.0	128.1

