

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU113021\
 Data File : VU046030.D
 Acq On : 30 Nov 2021 16:57
 Operator : SY/MD
 Sample : M4833-24ME
 Misc : 5.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESQP7ME

Quant Time: Dec 01 00:35:08 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)

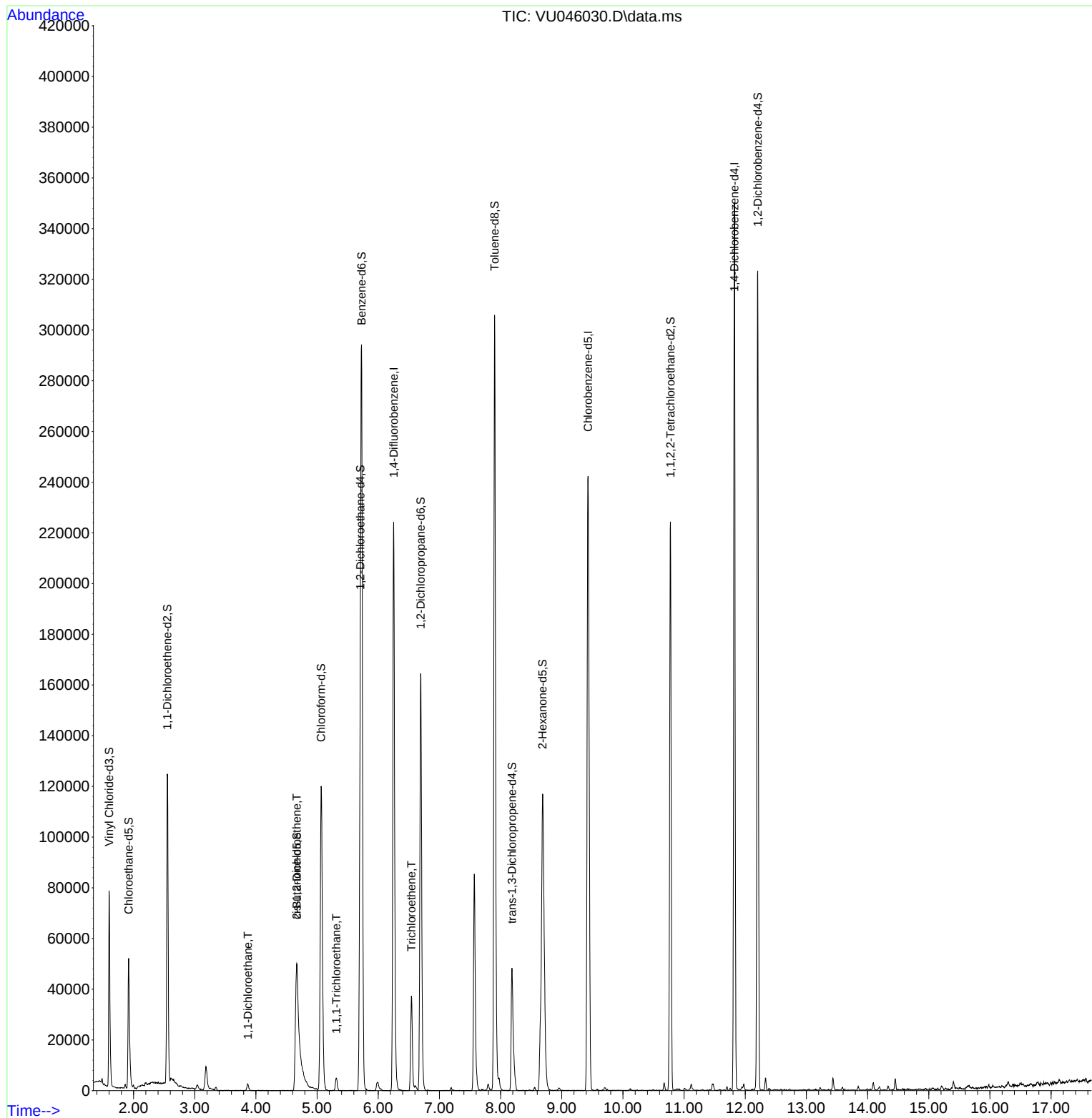
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	199439	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.430	117	193797	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	91561	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	66568	40.519	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.040%		
7) Chloroethane-d5	1.919	69	51047	40.469	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.940%		
11) 1,1-Dichloroethene-d2	2.552	63	74064	25.113	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	50.220%#		
21) 2-Butanone-d5	4.668	46	117517	89.982	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.980%		
24) Chloroform-d	5.066	84	117219	42.726	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.460%		
26) 1,2-Dichloroethane-d4	5.706	65	87747	47.657	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.320%		
32) Benzene-d6	5.729	84	262615	47.279	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.560%		
36) 1,2-Dichloropropane-d6	6.693	67	83362	48.425	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.860%		
41) Toluene-d8	7.902	98	227322	44.948	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.900%		
43) trans-1,3-Dichloroprop...	8.185	79	39481	47.510	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.020%		
47) 2-Hexanone-d5	8.687	63	80512	98.642	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.640%		
56) 1,1,2,2-Tetrachloroeth...	10.777	84	117246	44.911	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.820%		
66) 1,2-Dichlorobenzene-d4	12.204	152	83629	47.428	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.860%		
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.867	63	3477	1.310	ug/L	93
20) cis-1,2-Dichloroethene	4.668	96	7724	4.878	ug/L	95
30) 1,1,1-Trichloroethane	5.314	97	4112	1.729	ug/L	99
34) Trichloroethene	6.542	95	11857	7.673	ug/L	98

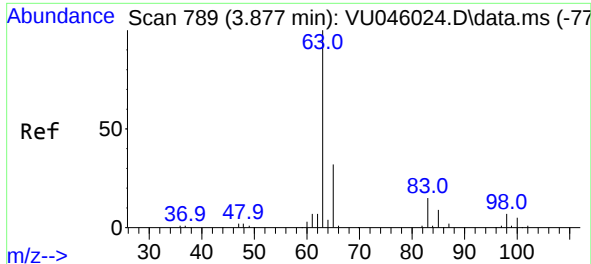
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 1.310 ug/L

RT: 3.867 min Scan# 789

Delta R.T. -0.010 min

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Instrument :

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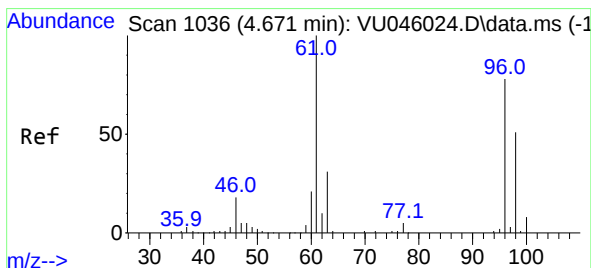
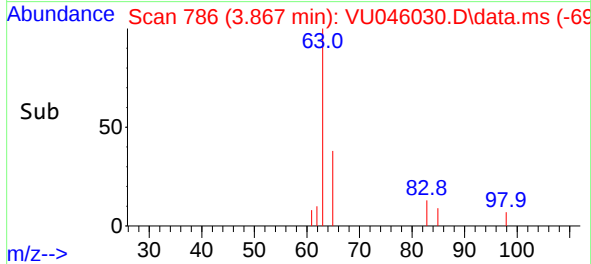
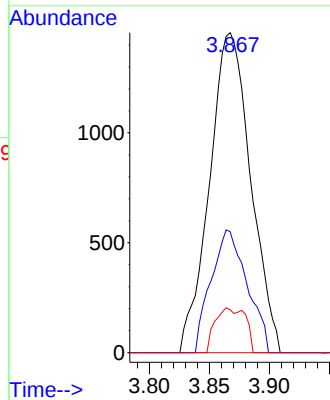
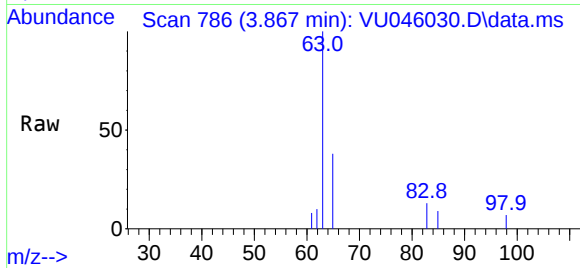
Tgt Ion: 63 Resp: 3477

Ion Ratio Lower Upper

63 100

65 37.8 22.8 42.4

83 13.4 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 4.878 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

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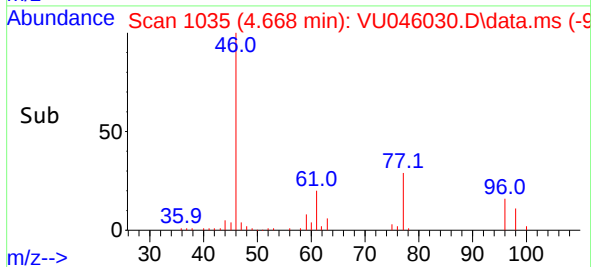
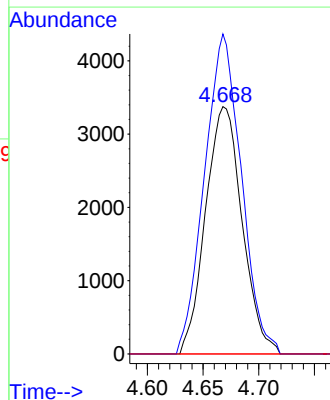
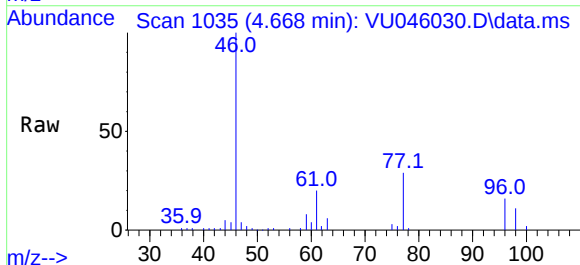
Tgt Ion: 96 Resp: 7724

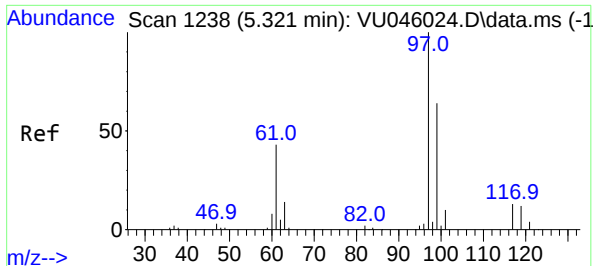
Ion Ratio Lower Upper

96 100

61 129.4 86.8 161.2

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 1.729 ug/L

RT: 5.314 min Scan# 1

Delta R.T. -0.007 min

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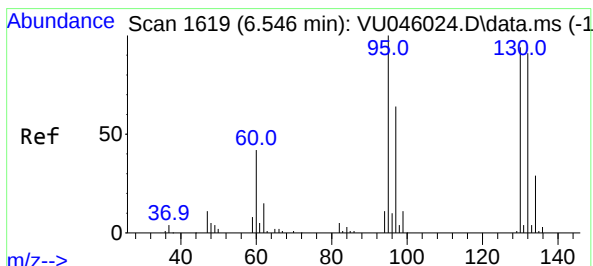
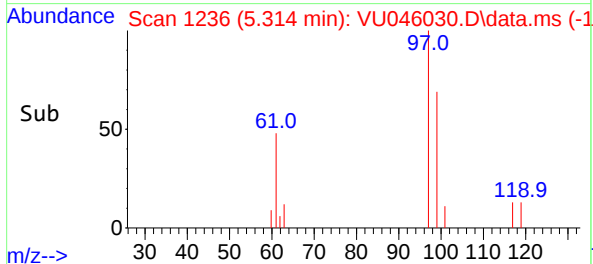
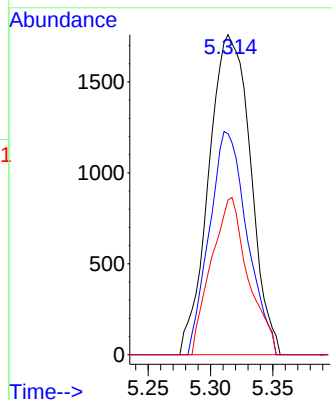
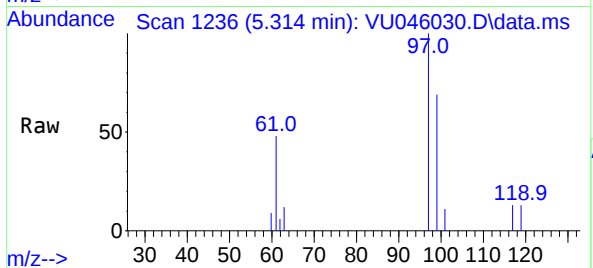
Tgt Ion: 97 Resp: 4112

Ion Ratio Lower Upper

97 100

99 63.1 51.8 77.6

61 43.3 34.4 51.6



#34

Trichloroethene

Concen: 7.673 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU046030.D

Acq: 30 Nov 2021 16:57

Tgt Ion: 95 Resp: 11857

Ion Ratio Lower Upper

95 100

97 67.0 44.1 81.9

132 94.5 66.8 124.0

130 98.7 69.0 128.1

