

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046445.D
 Acq On : 17 Dec 2021 01:10
 Operator : SY/MD
 Sample : M5101-14DL 20X
 Misc : 6.90g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGL38DL

Quant Time: Dec 17 04:06:47 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)

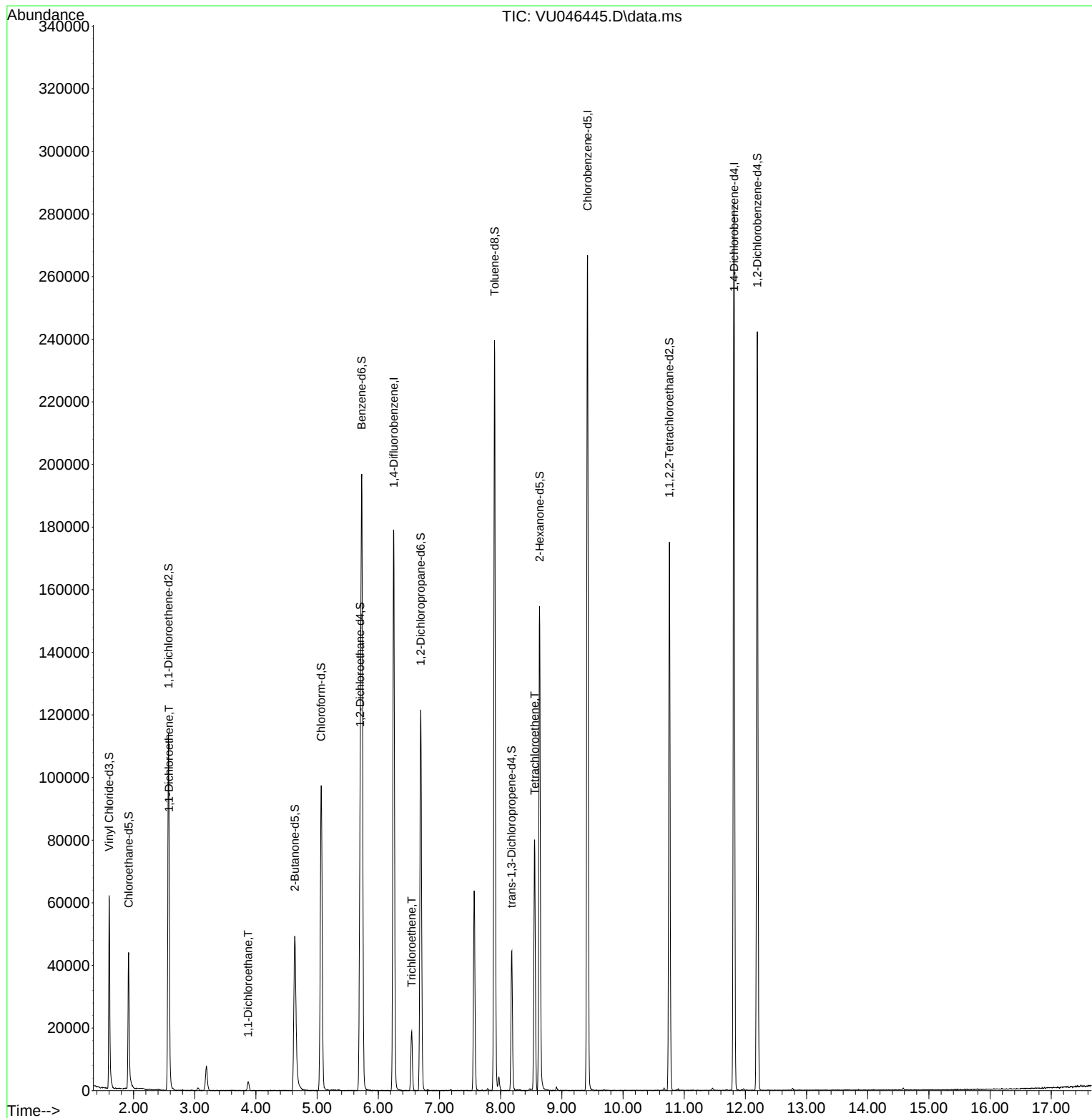
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	143240	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	147071	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	73115	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	49670	42.095	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.200%
7) Chloroethane-d5	1.919	69	36287	40.054	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.100%
11) 1,1-Dichloroethene-d2	2.572	63	67184	31.717	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.440%
21) 2-Butanone-d5	4.636	46	72821	77.635	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.630%
24) Chloroform-d	5.067	84	92168	46.775	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.560%
26) 1,2-Dichloroethane-d4	5.703	65	61535	46.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.060%
32) Benzene-d6	5.729	84	180830	42.898	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.694	67	56193	43.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.020%
41) Toluene-d8	7.899	98	154637	40.291	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.580%
43) trans-1,3-Dichloroprop...	8.179	79	25682	40.724	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.440%
47) 2-Hexanone-d5	8.636	63	55558	89.695	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.690%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	82418	41.600	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	62141	44.132	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.260%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.581	96	2066	2.086	ug/L	# 1
19) 1,1-Dichloroethane	3.874	63	3285	1.724	ug/L	99
34) Trichloroethene	6.546	95	6295	5.368	ug/L	95
46) Tetrachloroethene	8.555	164	17406	20.198	ug/L	97

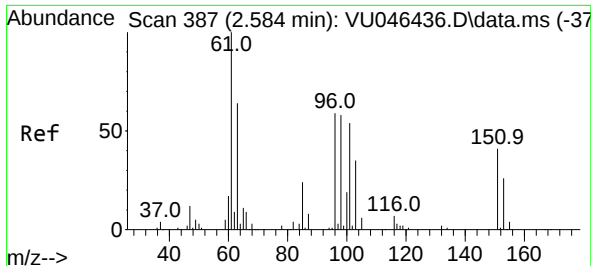
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 17 03:50:47 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.086 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.003 min

Lab File: VU046445.D

Acq: 17 Dec 2021 01:10

Instrument :

MSVOA_U

ClientSampleId :

BGL38DL

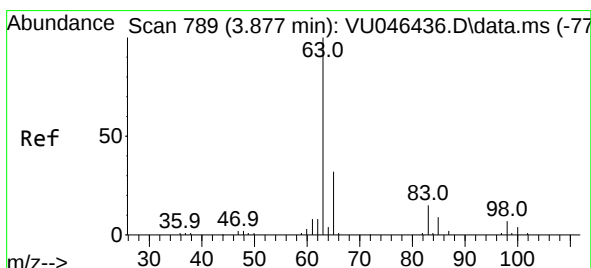
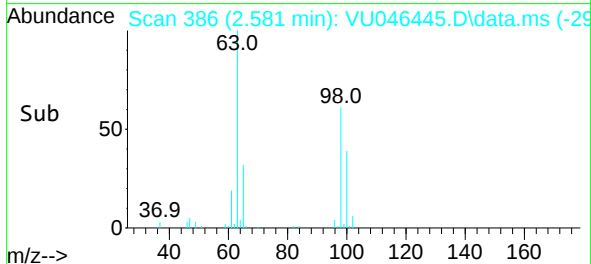
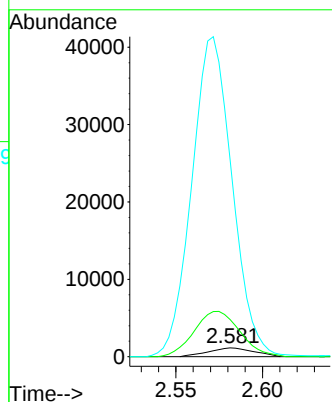
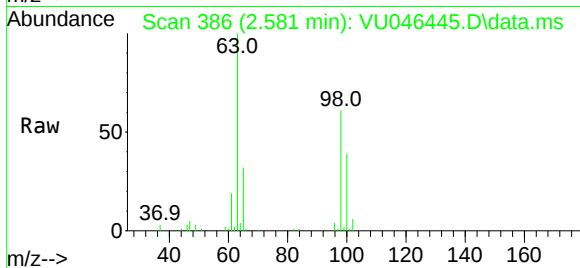
Tgt Ion: 96 Resp: 2066

Ion Ratio Lower Upper

96 100

61 423.4 118.6 220.2#

63 2248.6 93.0 172.8#



#19

1,1-Dichloroethane

Concen: 1.724 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU046445.D

Acq: 17 Dec 2021 01:10

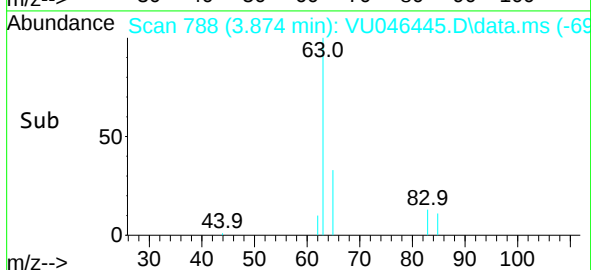
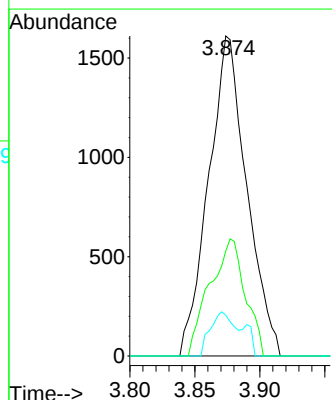
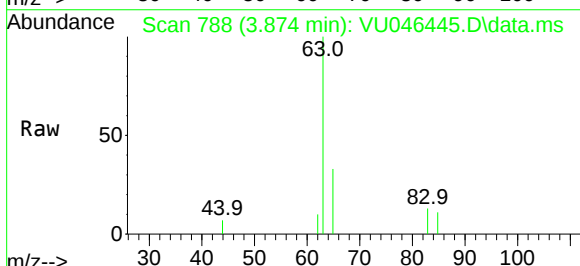
Tgt Ion: 63 Resp: 3285

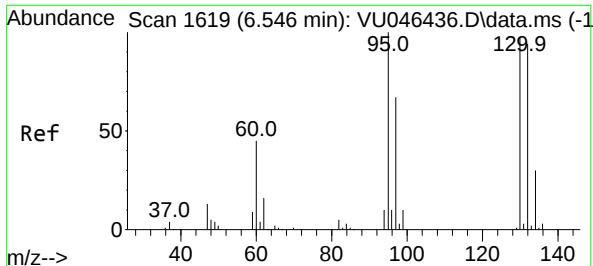
Ion Ratio Lower Upper

63 100

65 32.8 22.8 42.4

83 12.8 9.6 17.8

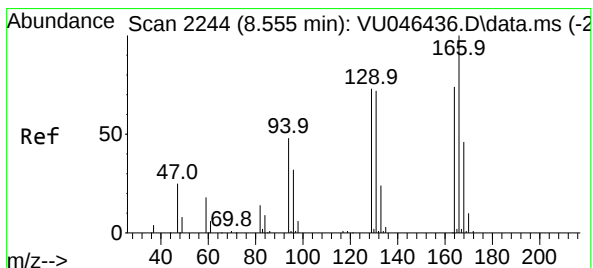
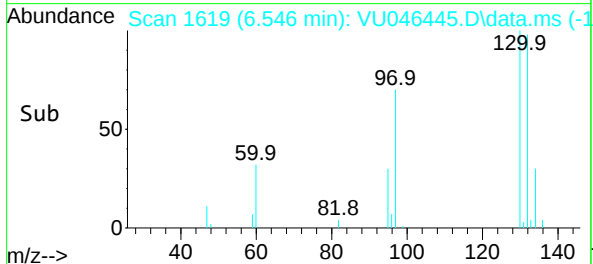
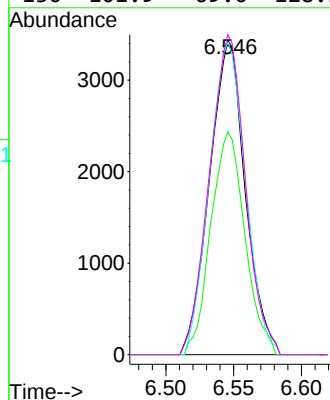
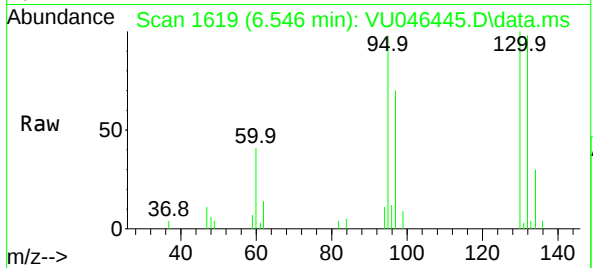




#34
Trichloroethene
Concen: 5.368 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
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Instrument :
MSVOA_U
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Tgt Ion: 95 Resp: 6295
Ion Ratio Lower Upper
95 100
97 71.1 44.1 81.9
132 99.6 66.8 124.0
130 101.9 69.0 128.1



#46
Tetrachloroethene
Concen: 20.198 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046445.D
Acq: 17 Dec 2021 01:10

Tgt Ion: 164 Resp: 17406
Ion Ratio Lower Upper
164 100
129 97.8 71.1 132.1
131 93.3 67.8 126.0
166 128.0 90.6 168.2

