

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046328.D
 Acq On : 13 Dec 2021 20:05
 Operator : SY/MD
 Sample : M5062-19ME
 Misc : 8.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGL20ME

Quant Time: Dec 14 04:57:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 14 03:19:41 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Mahesh Dadoda 12/14/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	176054	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	183279	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	87544	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	78881	54.392	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.780%			
7) Chloroethane-d5	1.916	69	54160	48.640	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.280%			
11) 1,1-Dichloroethene-d2	2.549	63	93291	35.834	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.660%			
21) 2-Butanone-d5	4.662	46	111324	96.562	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.560%			
24) Chloroform-d	5.064	84	125945	52.004	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.000%			
26) 1,2-Dichloroethane-d4	5.703	65	92771	57.079	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.160%			
32) Benzene-d6	5.726	84	278500	53.016	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.040%			
36) 1,2-Dichloropropane-d6	6.694	67	89599	55.035	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.080%			
41) Toluene-d8	7.899	98	247922	51.835	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.660%			
43) trans-1,3-Dichloroprop...	8.186	79	43726	55.638	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 111.280%			
47) 2-Hexanone-d5	8.684	63	83189	107.771	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.770%			
56) 1,1,2,2-Tetrachloroeth...	10.771	84	131129	53.111	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.220%			
66) 1,2-Dichlorobenzene-d4	12.201	152	92924	55.117	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.240%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.559	96	1599	1.314	ug/L #	1
19) 1,1-Dichloroethane	3.864	63	15016	6.411	ug/L	97
22) 2-Butanone	4.745	43	13336m	8.502	ug/L	
25) Chloroform	5.089	83	15492	5.953	ug/L	98
46) Tetrachloroethene	8.552	164	2088	1.944	ug/L	91

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

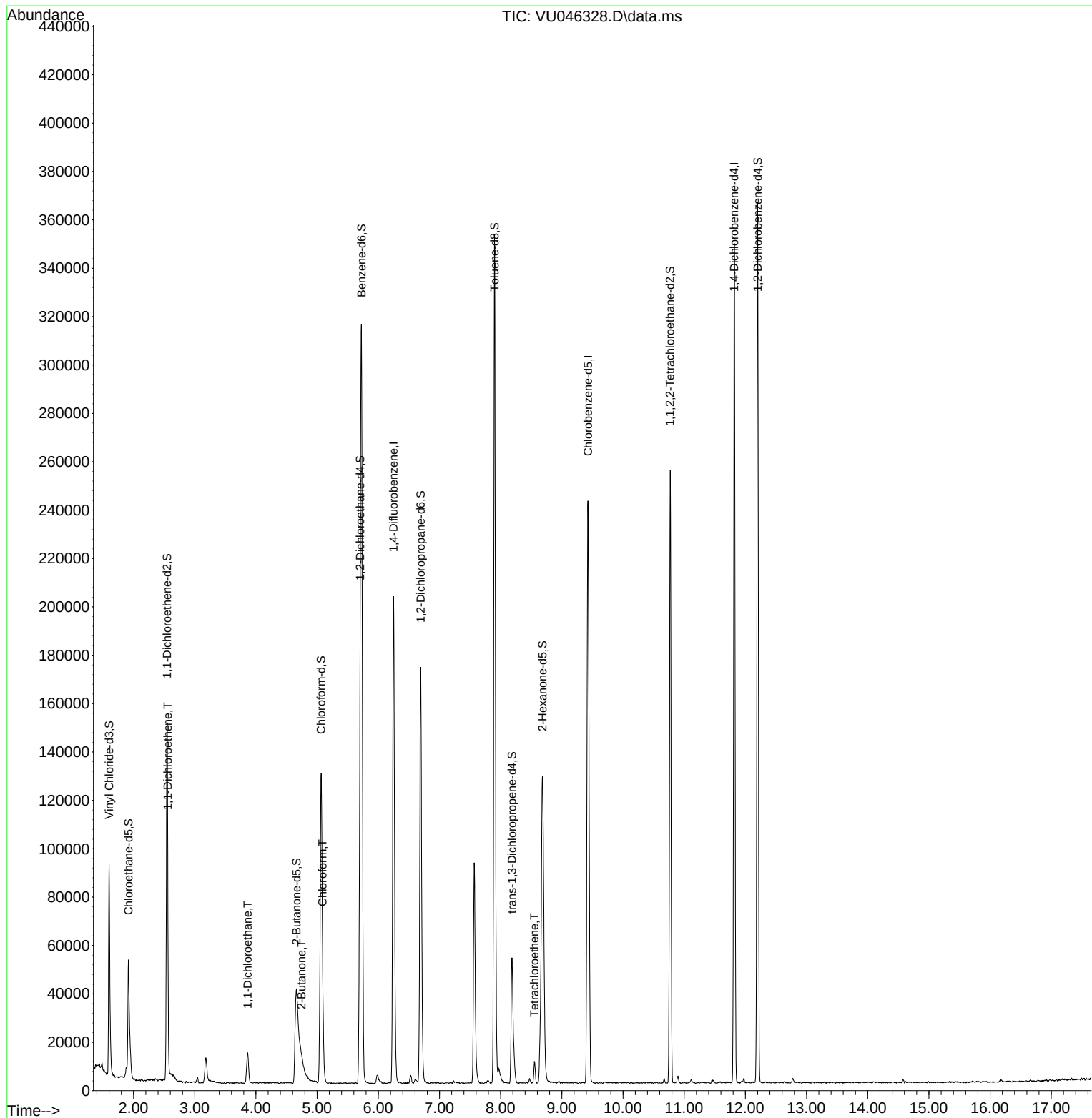
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
Data File : VU046328.D
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ALS Vial : 28 Sample Multiplier: 1

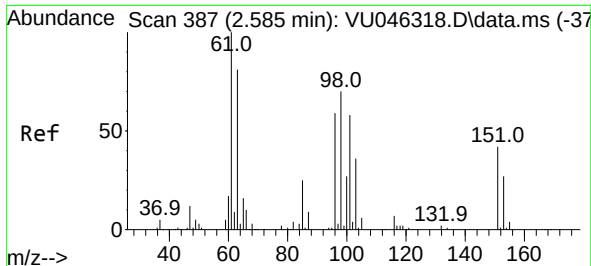
Instrument :
MSVOA_U
ClientSampleId :
BGL20ME

Quant Time: Dec 14 04:57:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
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#12

1,1-Dichloroethene

Concen: 1.314 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.026 min

Lab File: VU046328.D

Acq: 13 Dec 2021 20:05

Instrument :

MSVOA_U

ClientSampleId :

BGL20ME

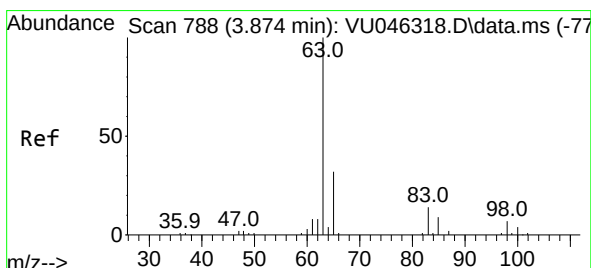
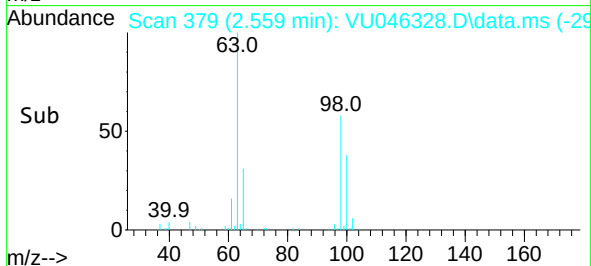
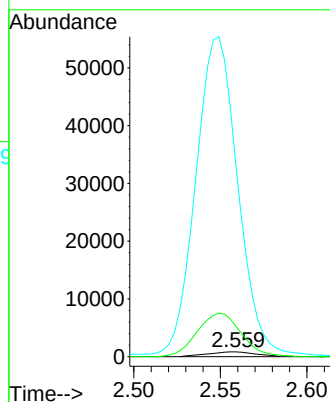
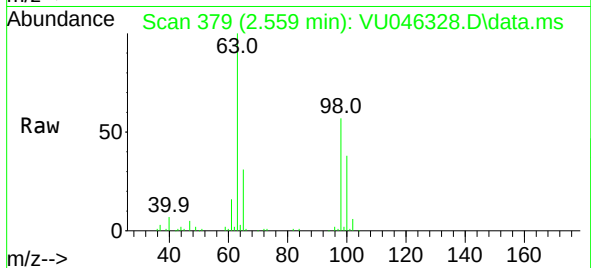
Tgt Ion: 96 Resp: 1599
 Ion Ratio Lower Upper
 96 100
 61 642.9 118.6 220.2
 63 4055.7 93.0 172.8

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#19

1,1-Dichloroethane

Concen: 6.411 ug/L

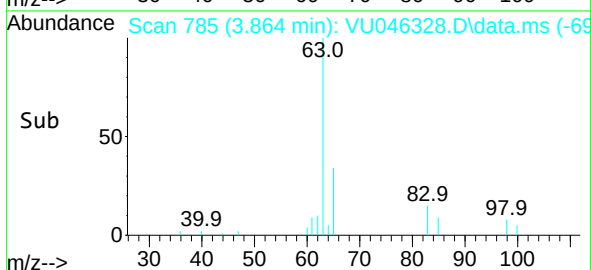
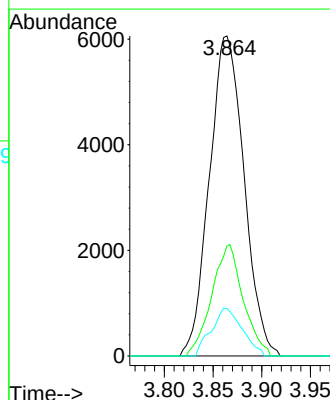
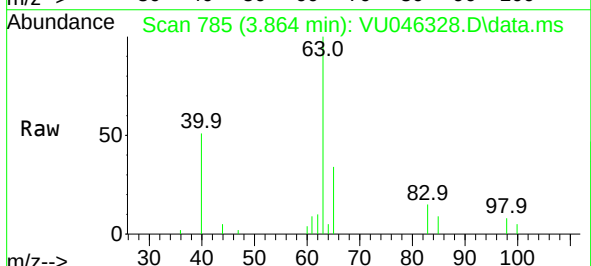
RT: 3.864 min Scan# 785

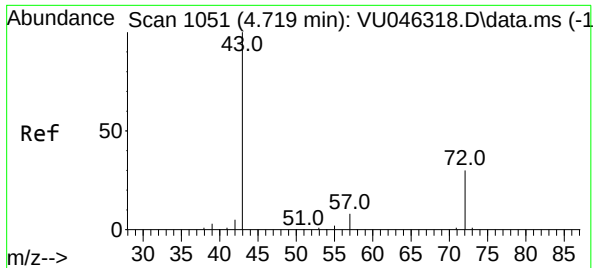
Delta R.T. -0.010 min

Lab File: VU046328.D

Acq: 13 Dec 2021 20:05

Tgt Ion: 63 Resp: 15016
 Ion Ratio Lower Upper
 63 100
 65 34.3 22.8 42.4
 83 14.8 9.6 17.8





#22

2-Butanone

Concen: 8.502 ug/L m

RT: 4.745 min Scan# 1059

Delta R.T. 0.026 min

Lab File: VU046328.D

Acq: 13 Dec 2021 20:05

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 43 Resp: 13330

Ion Ratio Lower Upper

43 100

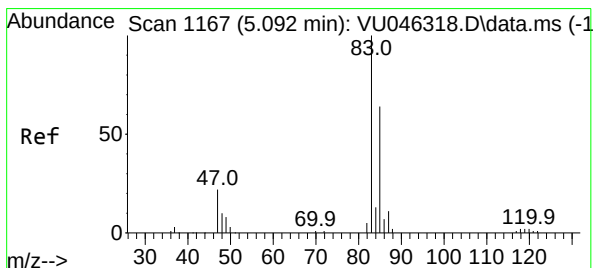
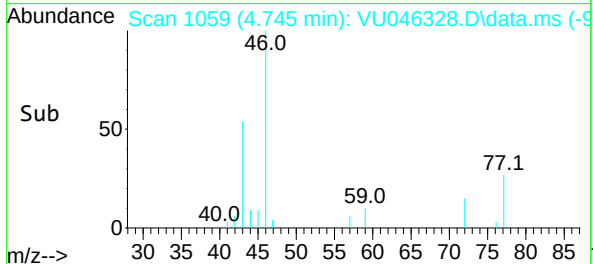
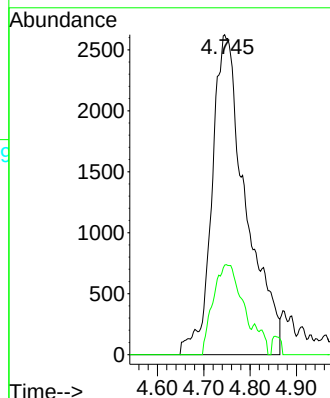
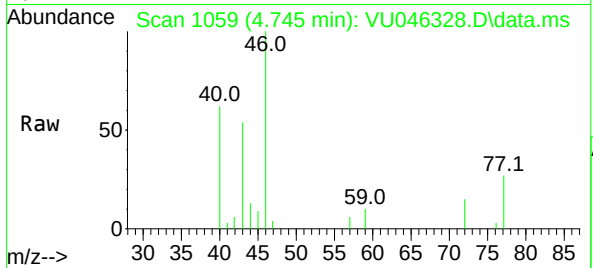
72 13.4 14.5 43.6

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#25

Chloroform

Concen: 5.953 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU046328.D

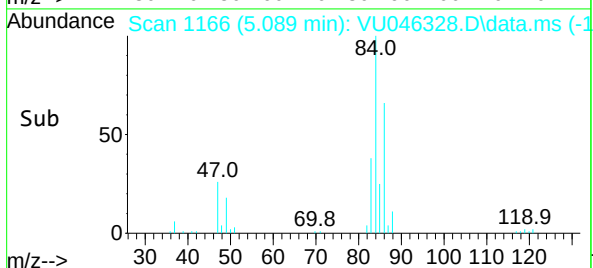
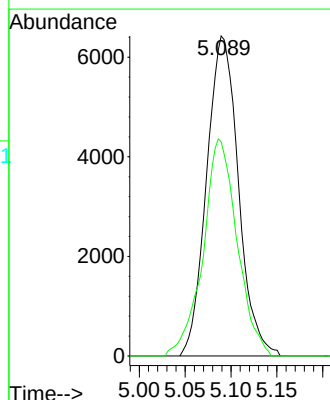
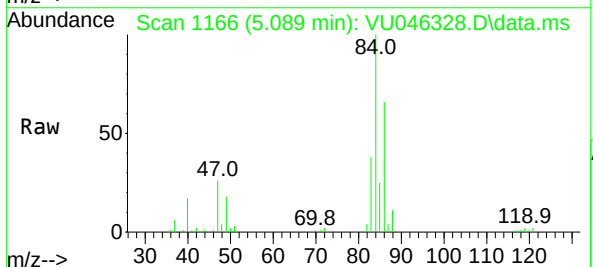
Acq: 13 Dec 2021 20:05

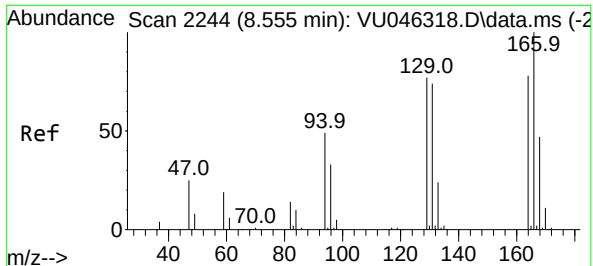
Tgt Ion: 83 Resp: 15492

Ion Ratio Lower Upper

83 100

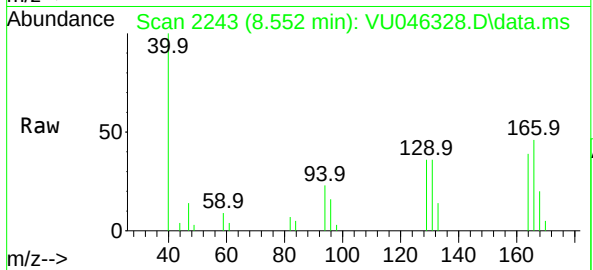
85 66.9 45.8 85.2





#46
 Tetrachloroethene
 Concen: 1.944 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU046328.D
 Acq: 13 Dec 2021 20:05

Instrument :
 MSVOA_U
 ClientSampleId :
 BGL20ME



Tgt Ion:	164	Resp:	208
Ion	Ratio	Lower	Upper
164	100		
129	90.6	71.1	132.1
131	91.5	67.8	126.0
166	116.6	90.6	168.2

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