

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046333.D
 Acq On : 13 Dec 2021 21:57
 Operator : SY/MD
 Sample : M5023-07ME
 Misc : 7.33g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKY3ME

Manual Integrations
 APPROVED

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

Quant Time: Dec 14 03:55:12 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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	176634	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	182360	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	87489	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	55068	37.847	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.700%		
7) Chloroethane-d5	1.916	69	35409	31.696	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	63.400%#		
11) 1,1-Dichloroethene-d2	2.546	63	72633	27.807	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.620%#		
21) 2-Butanone-d5	4.661	46	76386	66.040	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	66.040%		
24) Chloroform-d	5.067	84	93309	38.402	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.800%		
26) 1,2-Dichloroethane-d4	5.703	65	66674	40.887	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.780%		
32) Benzene-d6	5.726	84	196228	37.543	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.080%		
36) 1,2-Dichloropropane-d6	6.694	67	61703	38.091	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	76.180%		
41) Toluene-d8	7.899	98	172911	36.334	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	72.660%#		
43) trans-1,3-Dichloroprop...	8.185	79	30269	38.709	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.420%		
47) 2-Hexanone-d5	8.681	63	56999	74.214	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	74.210%		
56) 1,1,2,2-Tetrachloroeth...	10.771	84	91228	37.136	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	74.280%		
66) 1,2-Dichlorobenzene-d4	12.201	152	64794	38.456	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.920%#		
Target Compounds						
12) 1,1-Dichloroethene	2.562	96	10612	8.689	ug/L #	23
19) 1,1-Dichloroethane	3.864	63	17752	7.554	ug/L	99
22) 2-Butanone	4.748	43	12427m	7.897	ug/L	
34) Trichloroethene	6.542	95	30332	20.861	ug/L	98
46) Tetrachloroethene	8.555	164	119030	111.396	ug/L	98

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

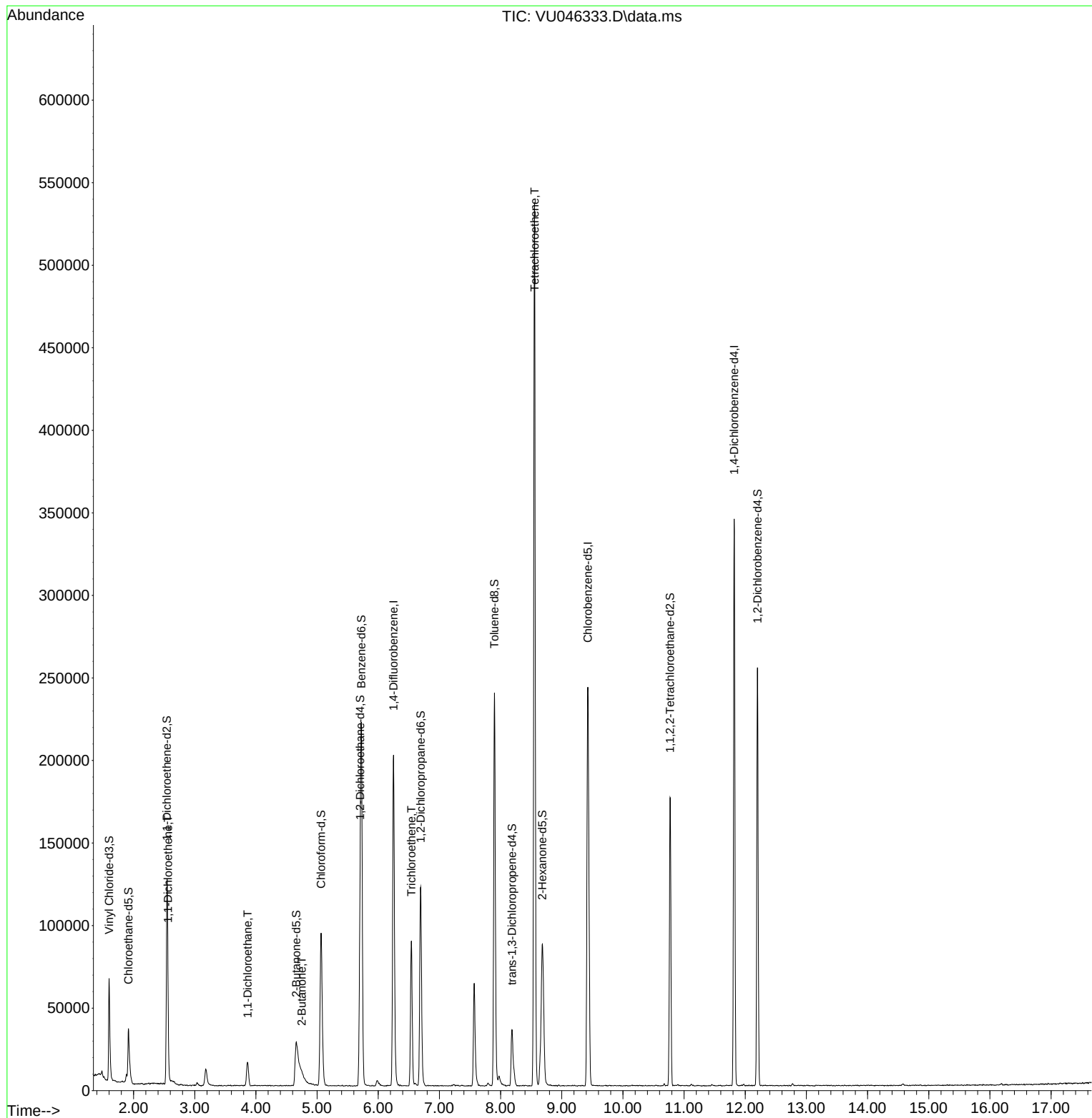
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
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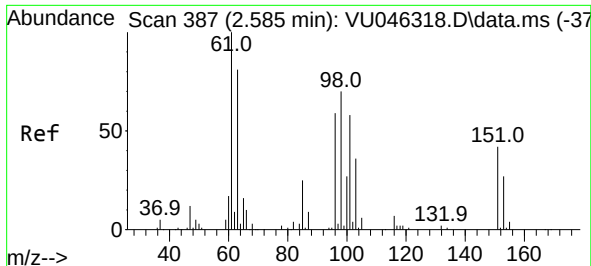
Instrument :
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Quant Time: Dec 14 03:55:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
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#12

1,1-Dichloroethene

Concen: 8.689 ug/L

RT: 2.562 min Scan# 30

Delta R.T. -0.023 min

Lab File: VU046333.D

Acq: 13 Dec 2021 21:57

Instrument :

MSVOA_U

ClientSampleId :

BGKY3ME

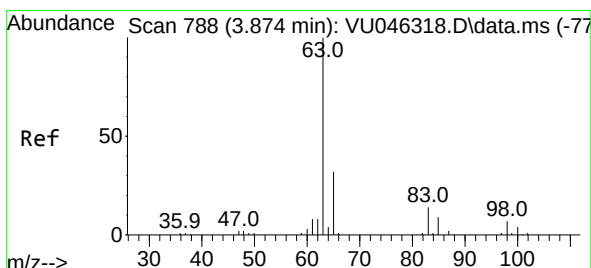
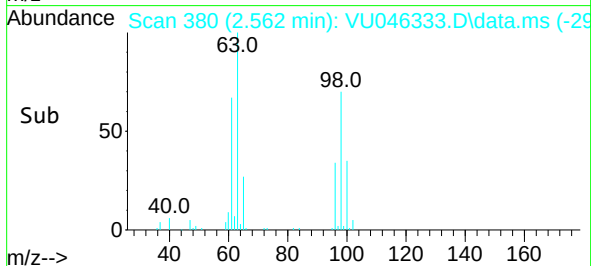
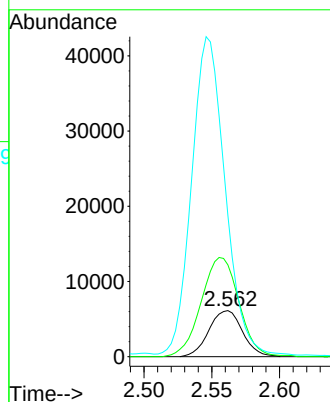
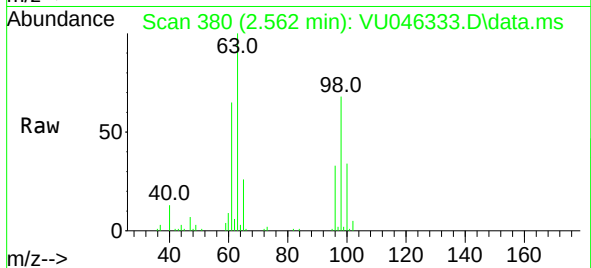
Tgt Ion: 96 Resp: 10612
 Ion Ratio Lower Upper
 96 100
 61 199.4 118.6 220.2
 63 307.0 93.0 172.8

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#19

1,1-Dichloroethane

Concen: 7.554 ug/L

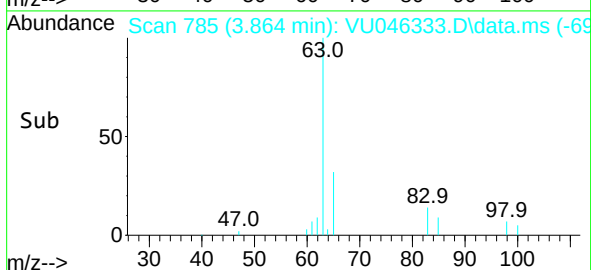
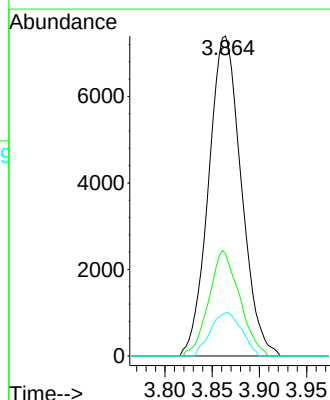
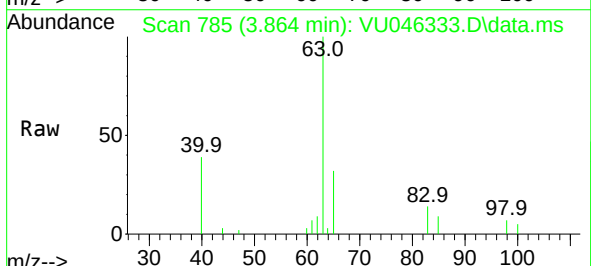
RT: 3.864 min Scan# 785

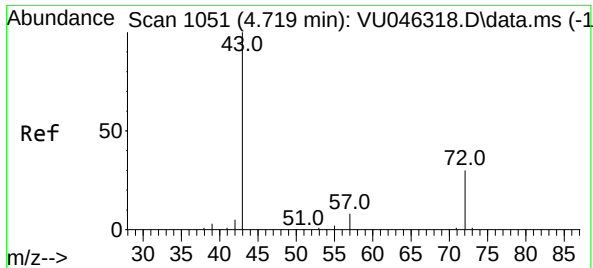
Delta R.T. -0.010 min

Lab File: VU046333.D

Acq: 13 Dec 2021 21:57

Tgt Ion: 63 Resp: 17752
 Ion Ratio Lower Upper
 63 100
 65 31.9 22.8 42.4
 83 13.5 9.6 17.8





#22

2-Butanone

Concen: 7.897 ug/L m

RT: 4.748 min Scan# 1060

Delta R.T. 0.029 min

Lab File: VU046333.D

Acq: 13 Dec 2021 21:57

Instrument :

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ClientSampleId :

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Tgt Ion: 43 Resp: 1242

Ion Ratio Lower Upper

43 100

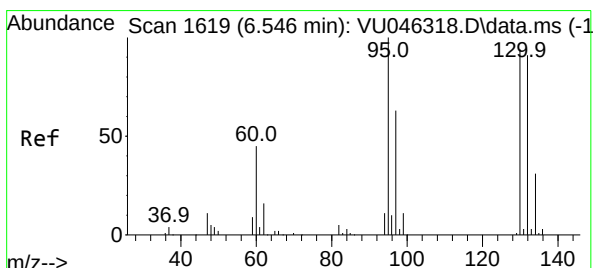
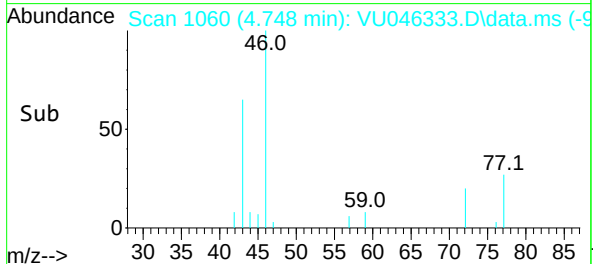
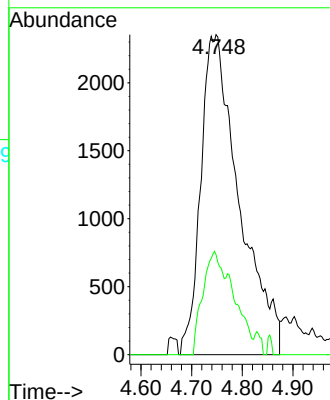
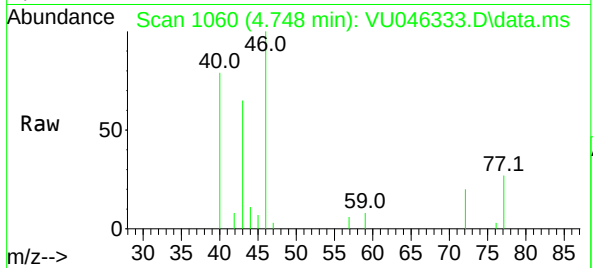
72 16.2 14.5 43.6

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#34

Trichloroethene

Concen: 20.861 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU046333.D

Acq: 13 Dec 2021 21:57

Tgt Ion: 95 Resp: 30332

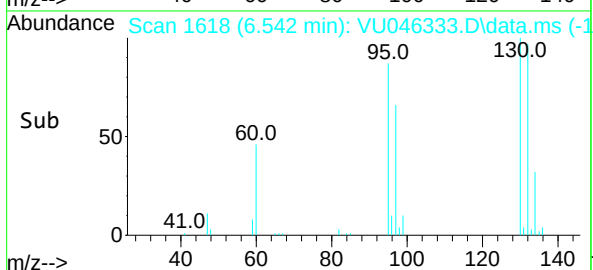
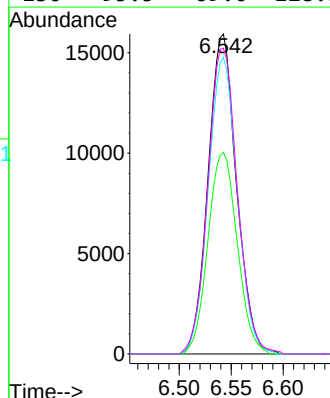
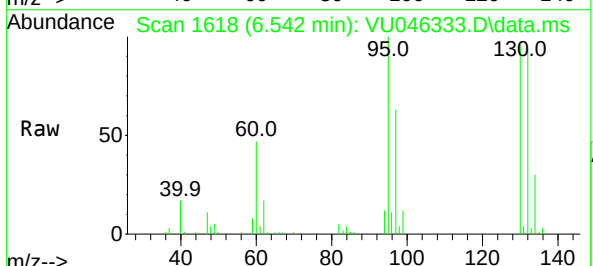
Ion Ratio Lower Upper

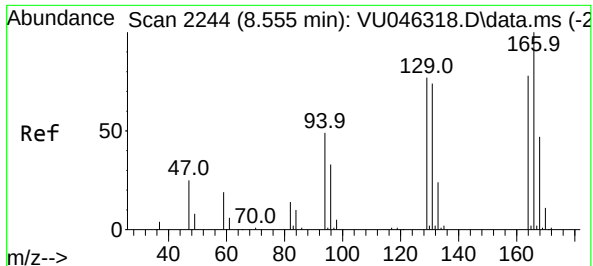
95 100

97 63.0 44.1 81.9

132 92.7 66.8 124.0

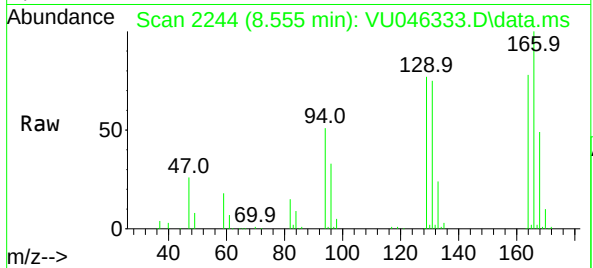
130 95.5 69.0 128.1





#46
Tetrachloroethene
Concen: 111.396 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046333.D
Acq: 13 Dec 2021 21:57

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MSVOA_U
ClientSampleId :
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Tgt Ion:164	Resp:	119030
Ion	Ratio	Lower Upper
164	100	
129	97.8	71.1 132.1
131	95.6	67.8 126.0
166	127.6	90.6 168.2

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