

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050823\
 Data File : VU054078.D
 Acq On : 08 May 2023 14:22
 Operator : JC/MD
 Sample : 02662-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

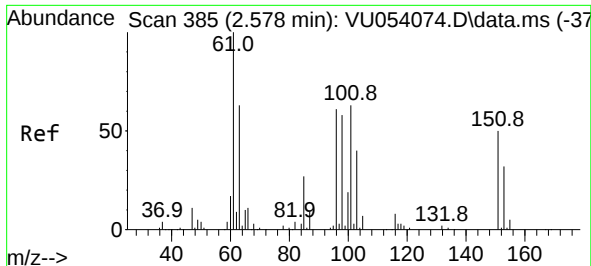
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ0

Quant Time: May 09 04:39:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 06 01:14:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	153166	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.410	117	149304	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	73827	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69898	60.340	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 120.680%			
7) Chloroethane-d5	1.906	69	58584	77.044	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 154.080%#			
11) 1,1-Dichloroethene-d2	2.562	63	104049	50.642	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.280%			
21) 2-Butanone-d5	4.616	46	114901	173.912	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 173.910%#			
24) Chloroform-d	5.057	84	153770	72.276	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 144.560%#			
26) 1,2-Dichloroethane-d4	5.694	65	103455	75.734	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 151.460%#			
32) Benzene-d6	5.722	84	297118	67.607	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 135.220%#			
36) 1,2-Dichloropropane-d6	6.684	67	97390	70.197	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 140.400%#			
41) Toluene-d8	7.893	98	269000	67.797	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 135.600%#			
43) trans-1,3-Dichloroprop...	8.173	79	47373	68.998	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 138.000%#			
47) 2-Hexanone-d5	8.626	63	72716	146.332	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 146.330%#			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	139853	76.528	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 153.060%#			
66) 1,2-Dichlorobenzene-d4	12.188	152	110025	76.288	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 152.580%#			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.568	96	1202	1.353	ug/L	# 1
20) cis-1,2-Dichloroethene	4.655	96	2414	2.162	ug/L	83
30) 1,1,1-Trichloroethane	5.311	97	18389	9.881	ug/L	98
34) Trichloroethene	6.536	95	191398	165.940	ug/L	98

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



#12

1,1-Dichloroethene

Concen: 1.353 ug/L

RT: 2.568 min Scan# 31

Delta R.T. -0.010 min

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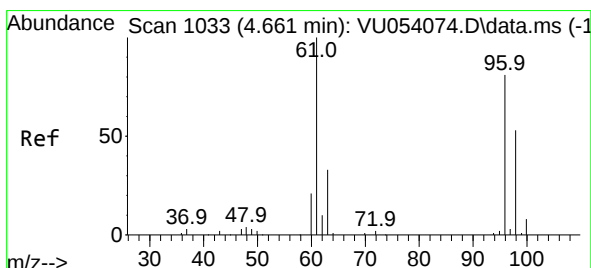
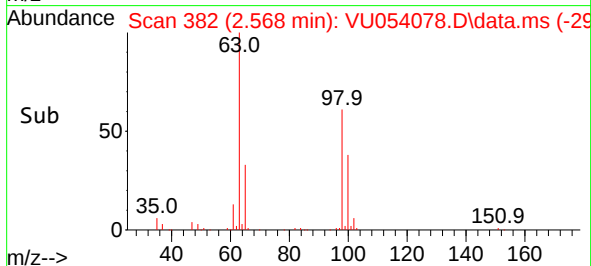
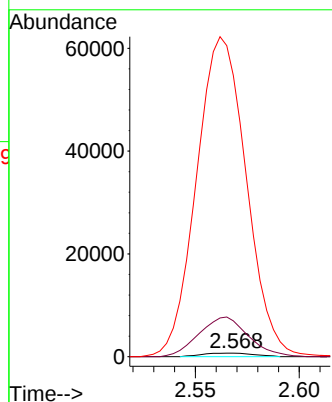
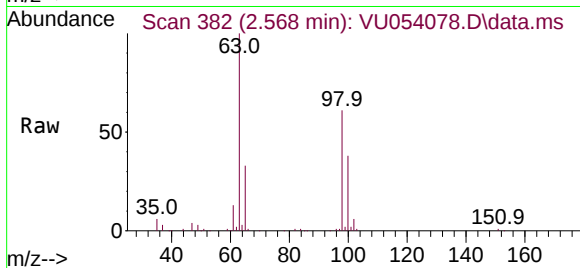
Tgt Ion: 96 Resp: 1202

Ion Ratio Lower Upper

96 100

61 995.0 118.3 219.7#

63 7819.4 92.3 171.5#



#20

cis-1,2-Dichloroethene

Concen: 2.162 ug/L

RT: 4.655 min Scan# 1031

Delta R.T. -0.006 min

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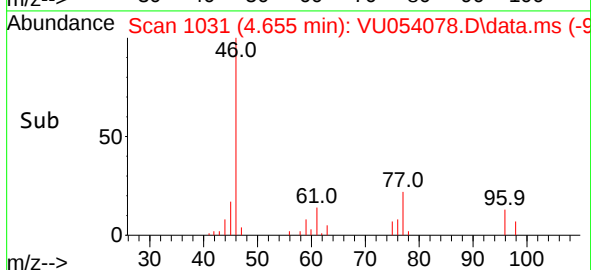
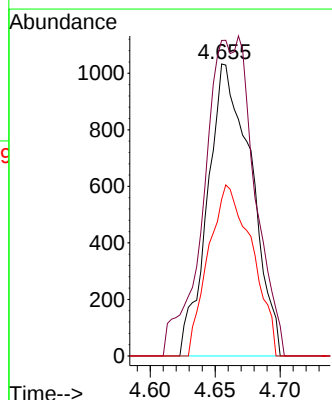
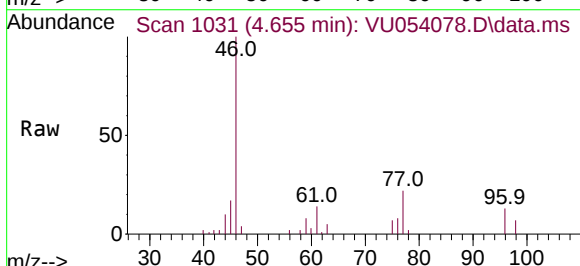
Tgt Ion: 96 Resp: 2414

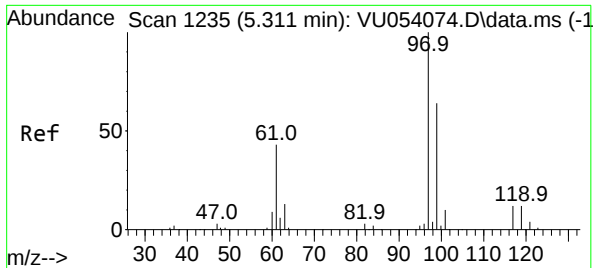
Ion Ratio Lower Upper

96 100

61 108.0 90.9 168.9

98 53.6 45.7 84.9

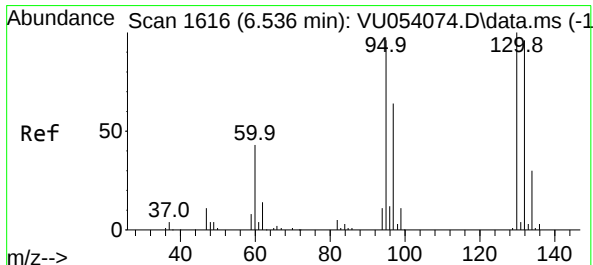
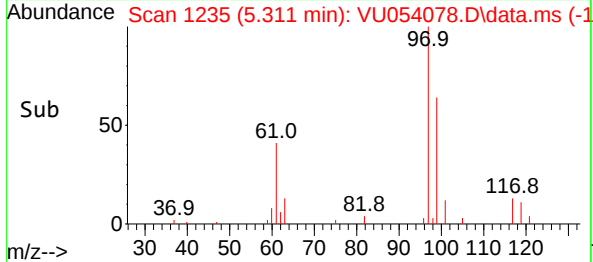
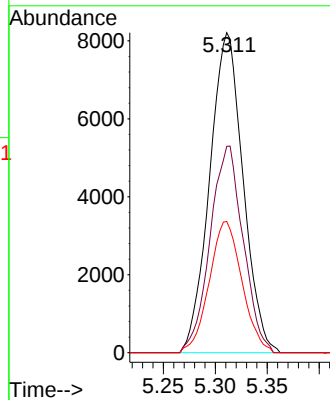
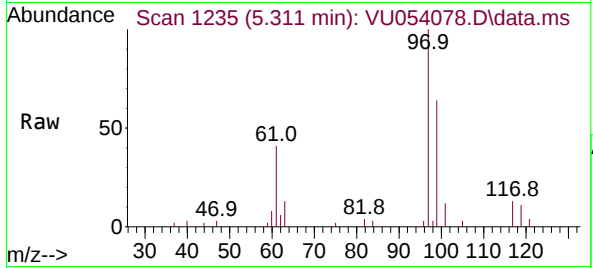




#30
1,1,1-Trichloroethane
Concen: 9.881 ug/L
RT: 5.311 min Scan# 11
Delta R.T. 0.000 min
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MSVOA_U
ClientSampleId :
COAZO

Tgt	Ion: 97	Resp:	18389
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.2	76.8
61	40.1	34.2	51.4



#34
Trichloroethene
Concen: 165.940 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. 0.000 min
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Tgt Ion: 95	Resp: 191398
Ion Ratio	Lower Upper
95 100	
97 64.1	46.5 86.3
132 97.8	67.8 126.0
130 103.2	71.3 132.3

