

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
 Data File : VU053518.D
 Acq On : 03 Apr 2023 14:28
 Operator : JC/MD
 Sample : 02151-05ME
 Misc : 5.25g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C11A8ME

Quant Time: Apr 04 05:16:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

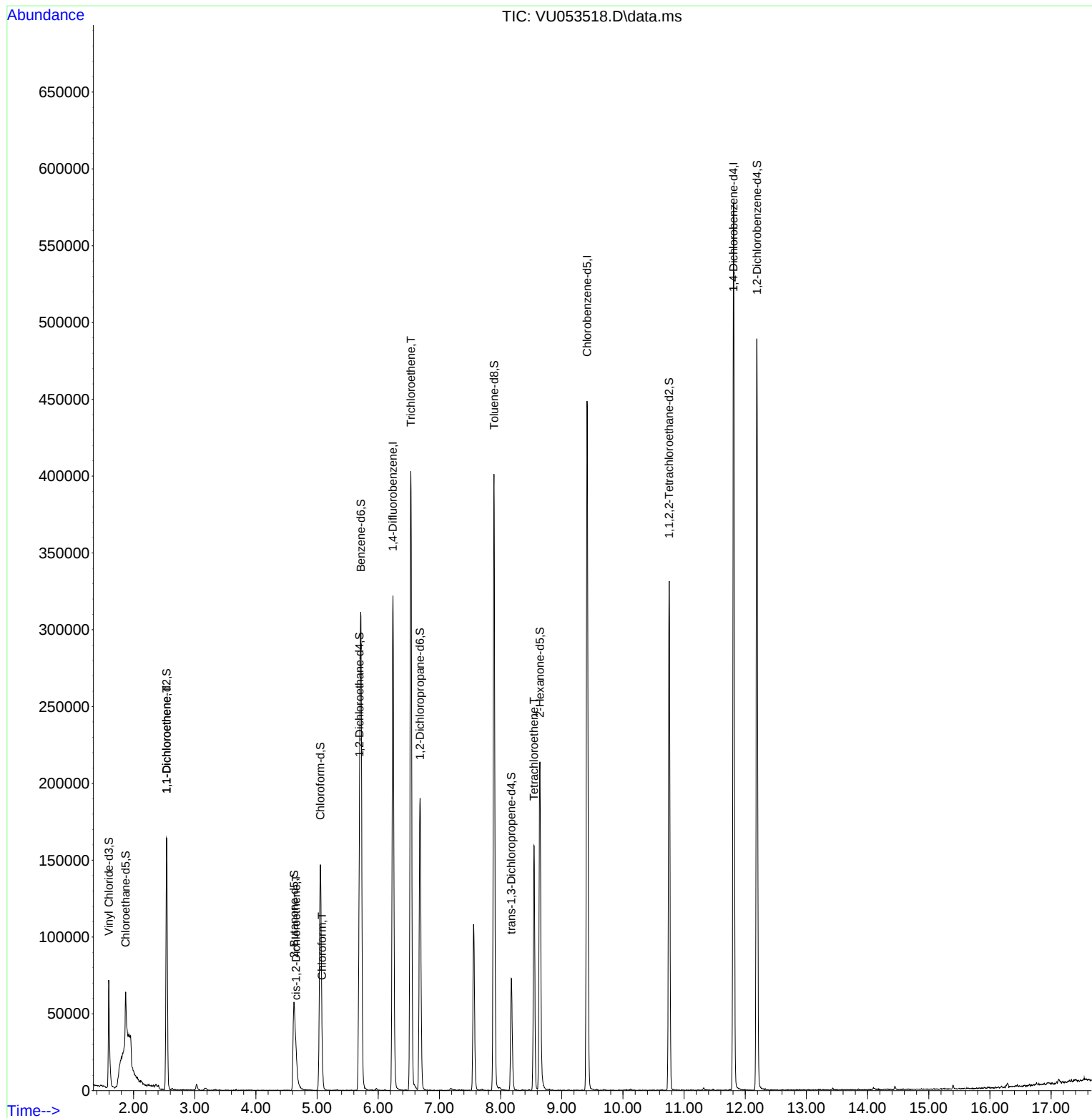
Internal Standards						
1) 1,4-Difluorobenzene	6.240	114	284025	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	280569	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	156308	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	62564	28.289	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	56.580%#		
7) Chloroethane-d5	1.871	69	26289	15.417	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	30.840%#		
11) 1,1-Dichloroethene-d2	2.539	63	92615	27.053	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	54.100%#		
21) 2-Butanone-d5	4.623	46	98987	98.857	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.860%		
24) Chloroform-d	5.054	84	134587	36.797	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.600%		
26) 1,2-Dichloroethane-d4	5.694	65	93325	43.181	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.360%		
32) Benzene-d6	5.716	84	290729	38.389	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.780%		
36) 1,2-Dichloropropane-d6	6.681	67	94803	40.955	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.900%		
41) Toluene-d8	7.893	98	283065	37.606	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.220%#		
43) trans-1,3-Dichloroprop...	8.176	79	48182	40.323	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.640%		
47) 2-Hexanone-d5	8.642	63	85991	108.847	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.850%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	161190	49.405	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.820%		
66) 1,2-Dichlorobenzene-d4	12.192	152	131763	40.385	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.760%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.539	96	938	0.538	ug/L	# 1
20) cis-1,2-Dichloroethene	4.655	96	6355	3.141	ug/L	95
25) Chloroform	5.080	83	7992	2.402	ug/L	99
34) Trichloroethene	6.533	95	135843	61.441	ug/L	97
46) Tetrachloroethene	8.546	164	35576	19.391	ug/L	96

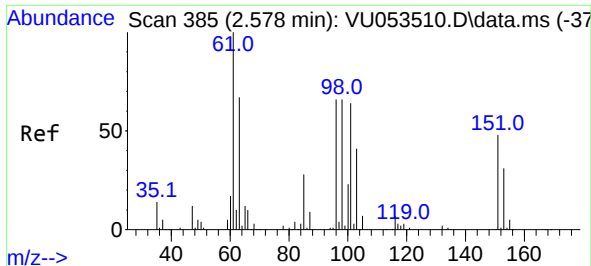
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 01 04:51:17 2023
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#12

1,1-Dichloroethene

Concen: 0.538 ug/L

RT: 2.539 min Scan# 31

Delta R.T. -0.038 min

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Instrument :

MSVOA_U

ClientSampleId :

C11A8ME

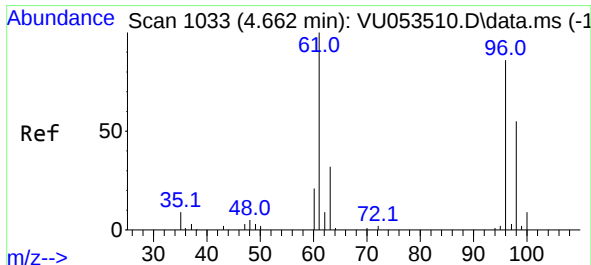
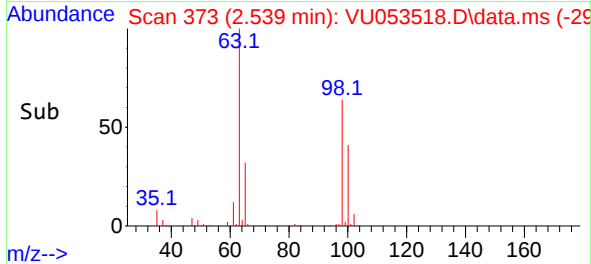
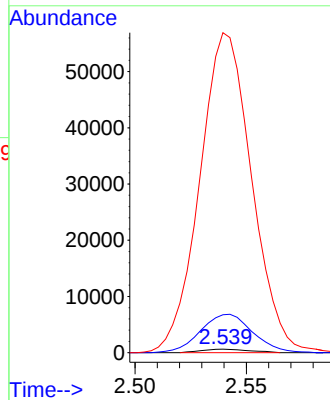
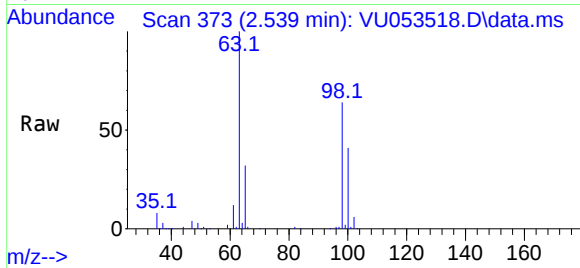
Tgt Ion: 96 Resp: 938

Ion Ratio Lower Upper

96 100

61 1073.4 107.9 200.5#

63 9065.0 79.1 146.9#



#20

cis-1,2-Dichloroethene

Concen: 3.141 ug/L

RT: 4.655 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VU053518.D

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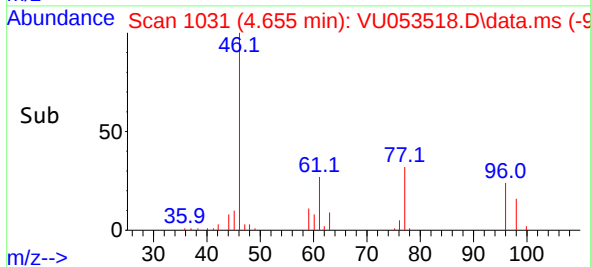
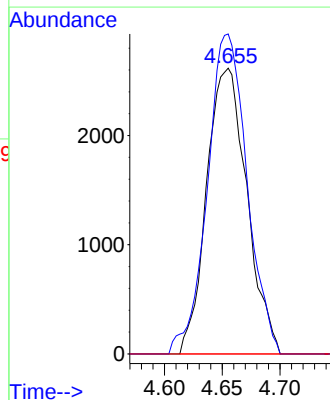
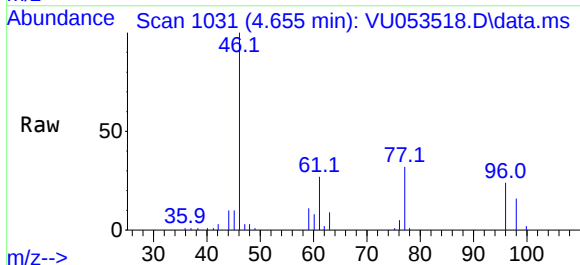
Tgt Ion: 96 Resp: 6355

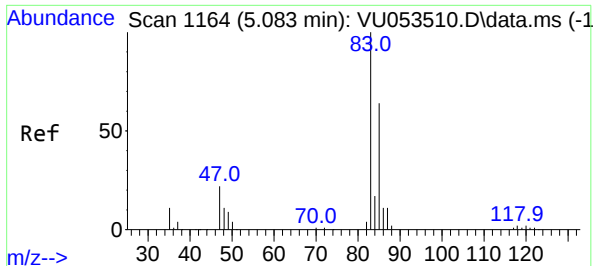
Ion Ratio Lower Upper

96 100

61 112.0 74.7 138.7

68 0.0 0.0 0.0

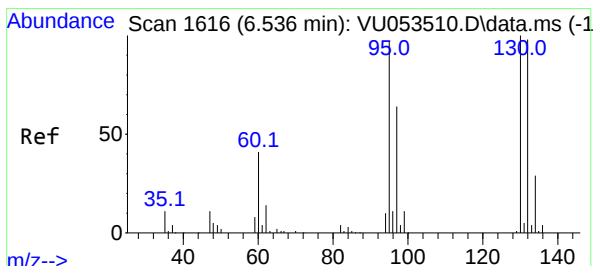
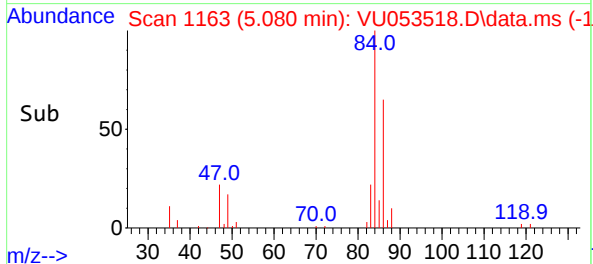
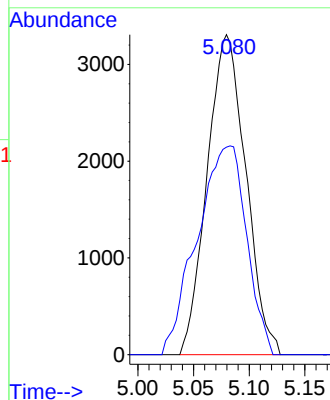
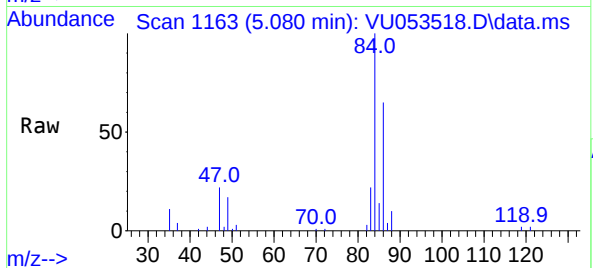




#25
Chloroform
Concen: 2.402 ug/L
RT: 5.080 min Scan# 1163
Delta R.T. -0.003 min
Lab File: VU053518.D
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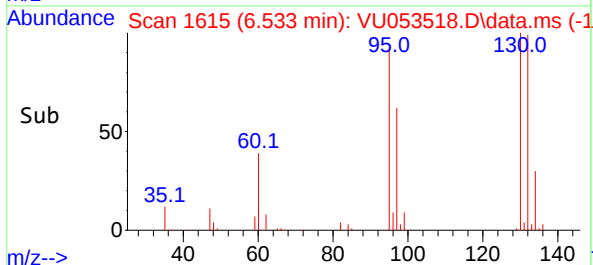
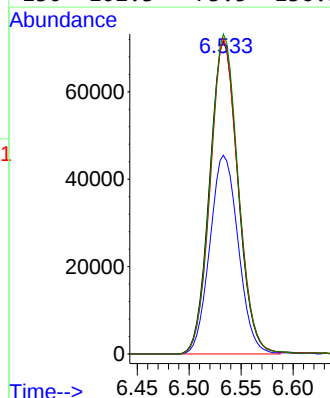
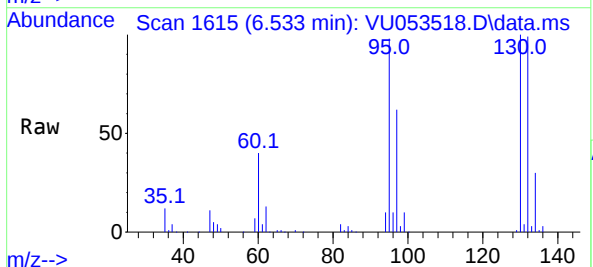
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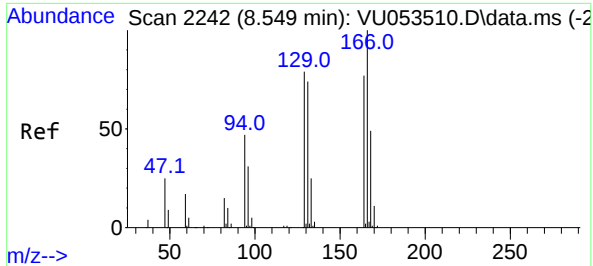
Tgt Ion: 83 Resp: 7992
Ion Ratio Lower Upper
83 100
85 64.8 46.1 85.5



#34
Trichloroethene
Concen: 61.441 ug/L
RT: 6.533 min Scan# 1615
Delta R.T. -0.003 min
Lab File: VU053518.D
Acq: 03 Apr 2023 14:28

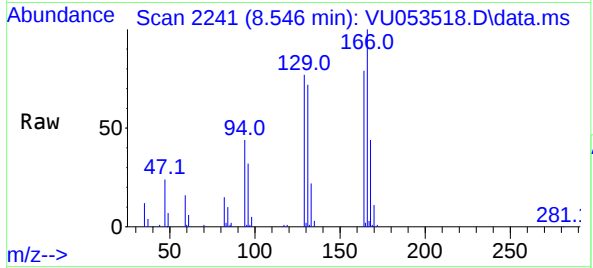
Tgt Ion: 95 Resp: 135843
Ion Ratio Lower Upper
95 100
97 63.5 45.1 83.7
132 100.9 74.1 137.5
130 102.3 73.5 136.5





#46
 Tetrachloroethene
 Concen: 19.391 ug/L
 RT: 8.546 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU053518.D
 Acq: 03 Apr 2023 14:28

Instrument :
 MSVOA_U
 ClientSampleId :
 C11A8ME



Tgt Ion:164 Resp: 35576

Ion	Ratio	Lower	Upper
164	100		
129	97.6	64.0	119.0
131	91.1	61.9	115.1
166	127.1	90.6	168.2

