

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053500.D
 Acq On : 31 Mar 2023 18:34
 Operator : JC/MD
 Sample : 02121-14ME
 Misc : 4.03g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C1187ME

Quant Time: Apr 01 05:08:56 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)

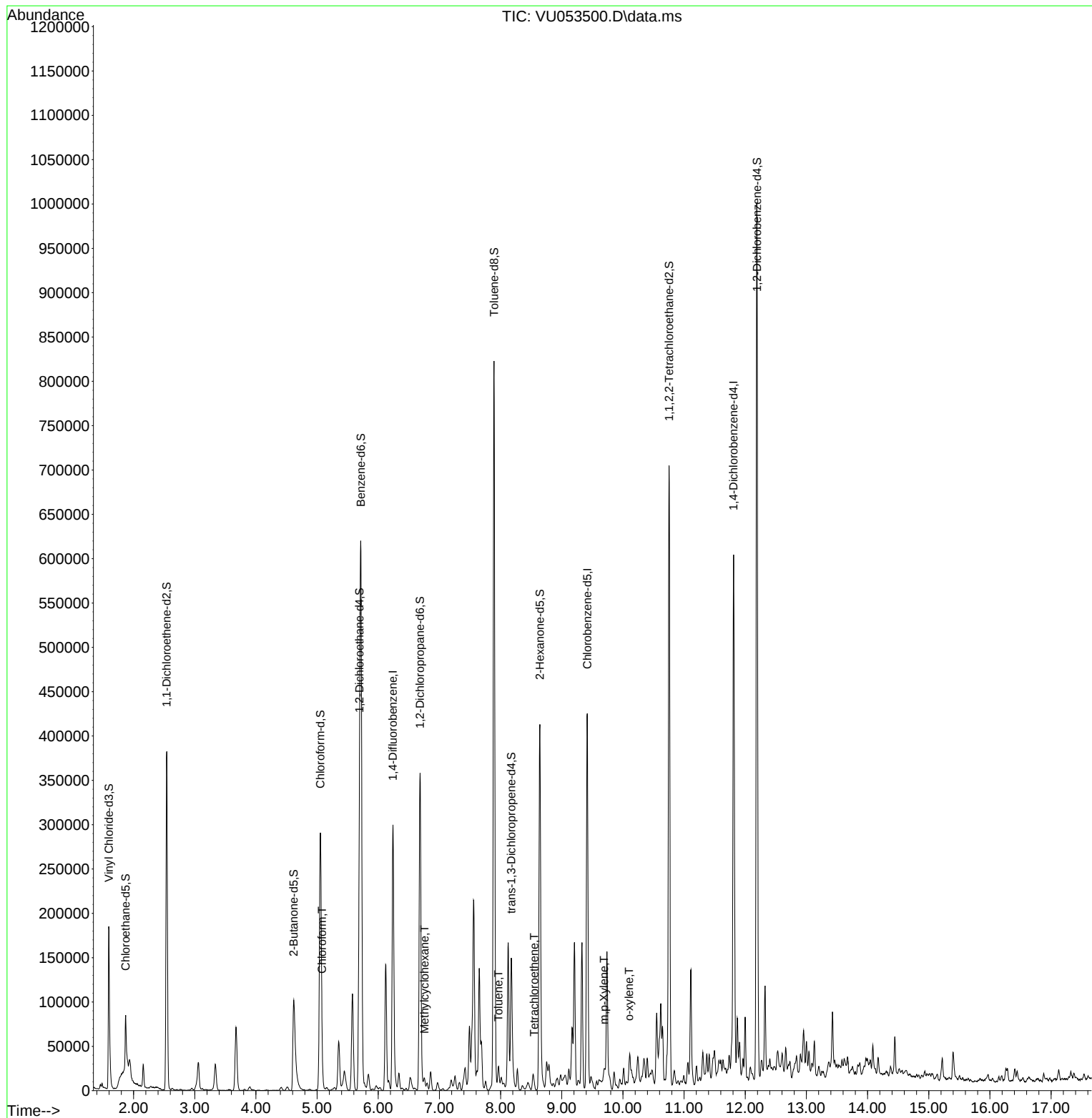
Internal Standards						
1) 1,4-Difluorobenzene	6.240	114	274064	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	268143	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	161836	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	158658	74.347	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 148.700%#		
7) Chloroethane-d5	1.870	69	46183	28.068	ug/L	-0.04
Spiked Amount	50.000	Range 70 - 130	Recovery	= 56.140%#		
11) 1,1-Dichloroethene-d2	2.542	63	207612	62.848	ug/L	-0.02
Spiked Amount	50.000	Range 60 - 125	Recovery	= 125.700%#		
21) 2-Butanone-d5	4.616	46	180040	186.339	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 186.340%#		
24) Chloroform-d	5.054	84	268683	76.129	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 152.260%#		
26) 1,2-Dichloroethane-d4	5.693	65	177259	84.997	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 170.000%#		
32) Benzene-d6	5.716	84	579750	80.099	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 160.200%#		
36) 1,2-Dichloropropane-d6	6.684	67	177078	80.042	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 160.080%#		
41) Toluene-d8	7.893	98	583018	81.044	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 162.080%#		
43) trans-1,3-Dichloroprop...	8.176	79	90871	79.574	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 159.140%#		
47) 2-Hexanone-d5	8.642	63	158263	209.612	ug/L	0.02
Spiked Amount	100.000	Range 45 - 130	Recovery	= 209.610%#		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	284857	91.355	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 182.720%#		
66) 1,2-Dichlorobenzene-d4	12.192	152	282522	83.633	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 167.260%#		
Target Compounds						
						Qvalue
25) Chloroform	5.079	83	11808	3.677	ug/L	89
35) Methylcyclohexane	6.758	83	6347	2.043	ug/L	94
42) Toluene	7.967	91	16067	2.029	ug/L	88
46) Tetrachloroethene	8.549	164	1431	0.816	ug/L	94
53) m,p-Xylene	9.693	106	6301	1.828	ug/L	82
54) o-xylene	10.098	106	3421	1.004	ug/L	99

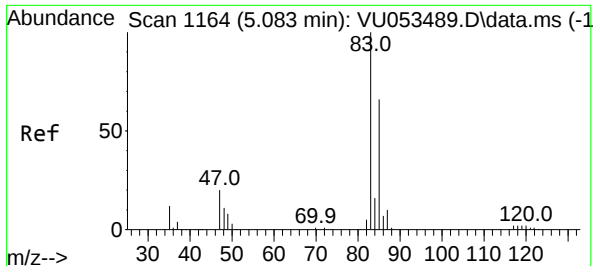
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 3.677 ug/L

RT: 5.079 min Scan# 1163

Delta R.T. -0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

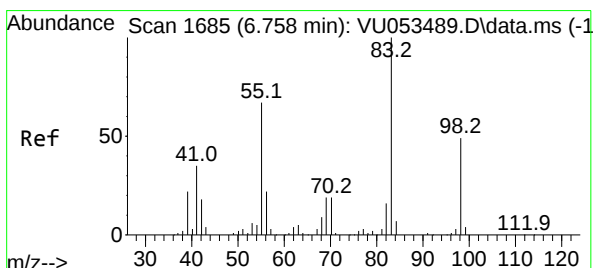
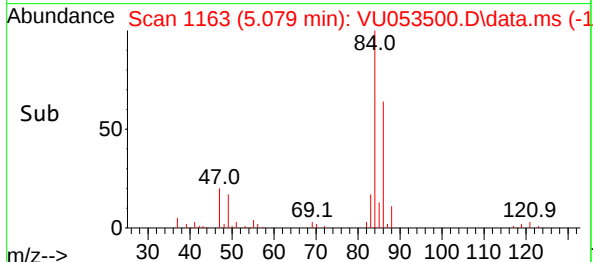
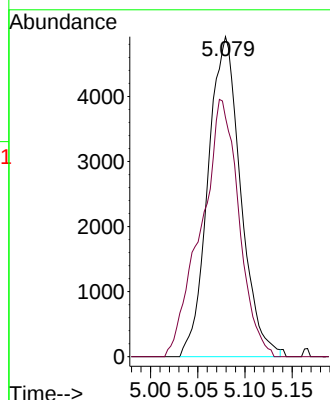
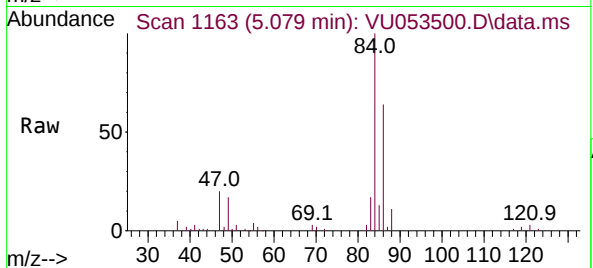
C1187ME

Tgt Ion: 83 Resp: 11808

Ion Ratio Lower Upper

83 100

85 74.7 46.1 85.5



#35

Methylcyclohexane

Concen: 2.043 ug/L

RT: 6.758 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VU053500.D

Acq: 31 Mar 2023 18:34

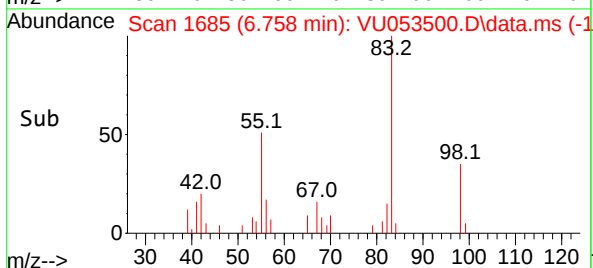
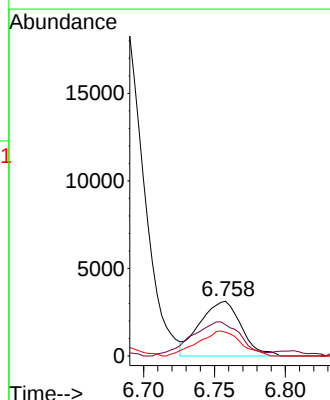
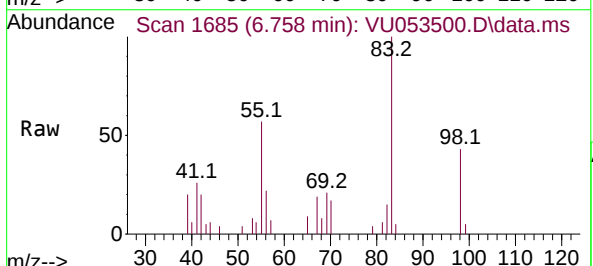
Tgt Ion: 83 Resp: 6347

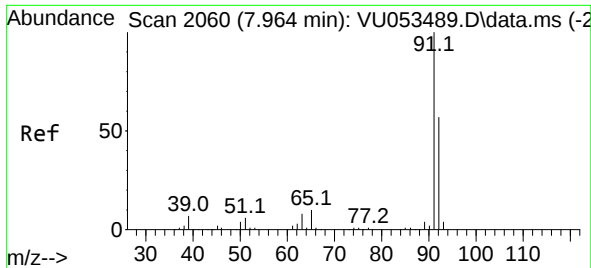
Ion Ratio Lower Upper

83 100

55 73.5 53.0 79.6

98 47.0 39.0 58.6





#42

Toluene

Concen: 2.029 ug/L

RT: 7.967 min Scan# 2060

Delta R.T. 0.003 min

Lab File: VU053500.D

Acq: 31 Mar 2023 18:34

Instrument :

MSVOA_U

ClientSampleId :

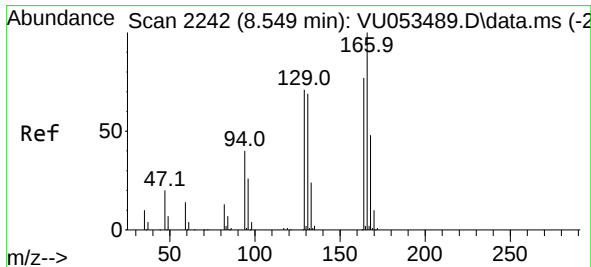
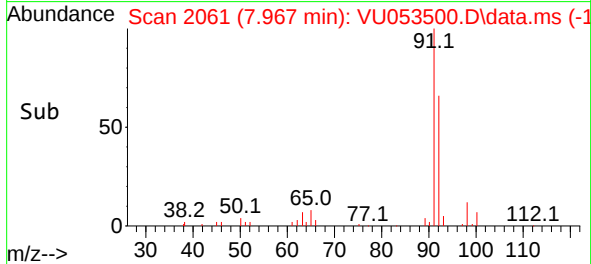
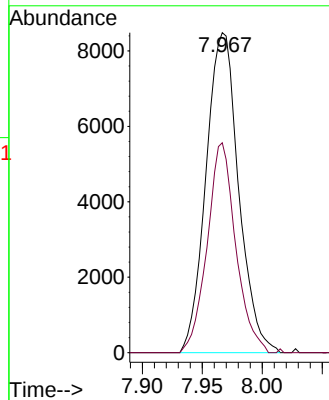
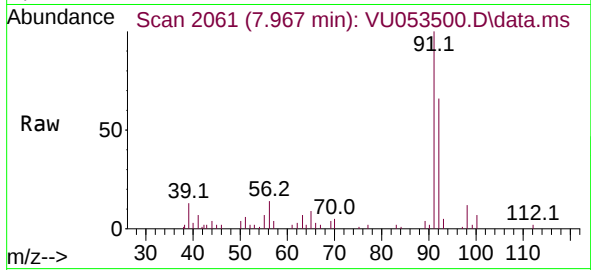
C1187ME

Tgt Ion: 91 Resp: 16067

Ion Ratio Lower Upper

91 100

92 65.6 39.8 73.8



#46

Tetrachloroethene

Concen: 0.816 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.000 min

Lab File: VU053500.D

Acq: 31 Mar 2023 18:34

Tgt Ion: 164 Resp: 1431

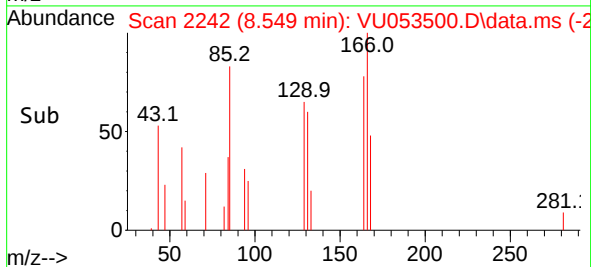
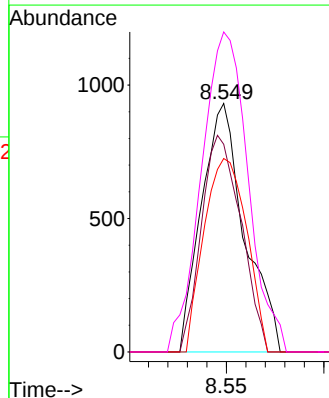
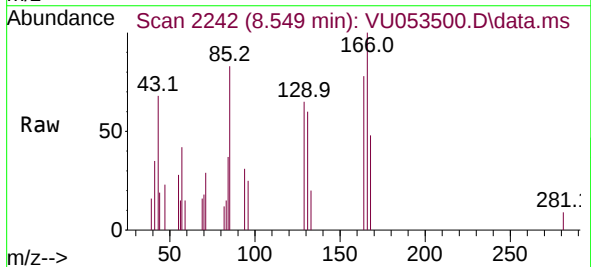
Ion Ratio Lower Upper

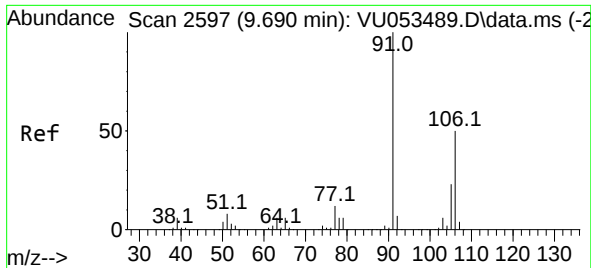
164 100

129 83.6 64.0 119.0

131 77.9 61.9 115.1

166 128.8 90.6 168.2

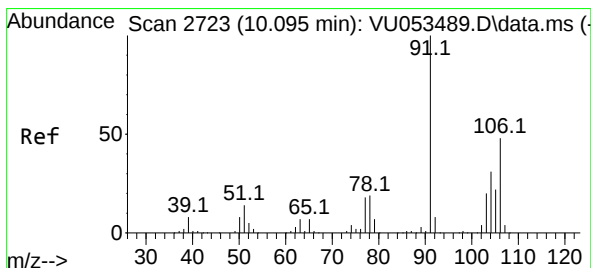
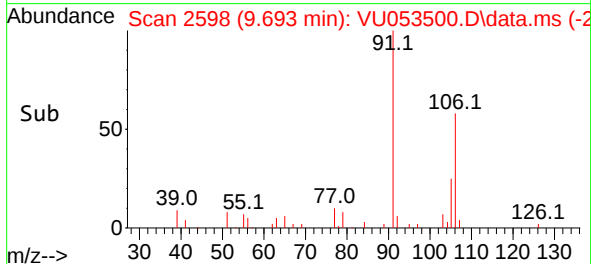
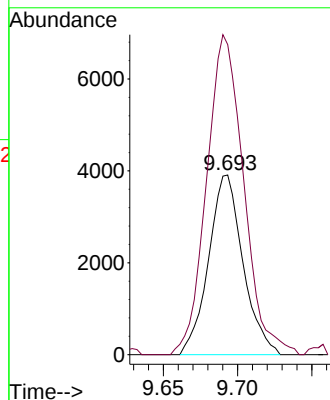
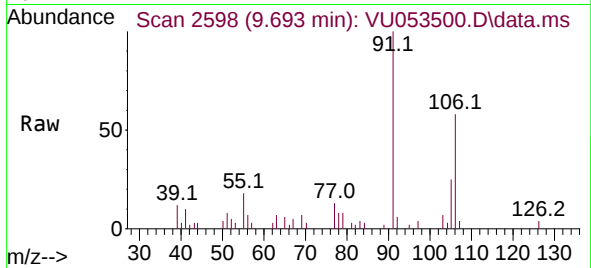




#53
m,p-Xylene
Concen: 1.828 ug/L
RT: 9.693 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053500.D
Acq: 31 Mar 2023 18:34

Instrument :
MSVOA_U
ClientSampleId :
C1187ME

Tgt Ion:106 Resp: 6301
Ion Ratio Lower Upper
106 100
91 172.5 140.0 260.0



#54
o-xylene
Concen: 1.004 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. 0.003 min
Lab File: VU053500.D
Acq: 31 Mar 2023 18:34

Tgt Ion:106 Resp: 3421
Ion Ratio Lower Upper
106 100
91 205.5 144.9 269.1

