

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046157.D
 Acq On : 07 Dec 2021 22:10
 Operator : SY/MD
 Sample : M4887-15ME
 Misc : 4.56g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EX8C9ME

Quant Time: Dec 08 08:11:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

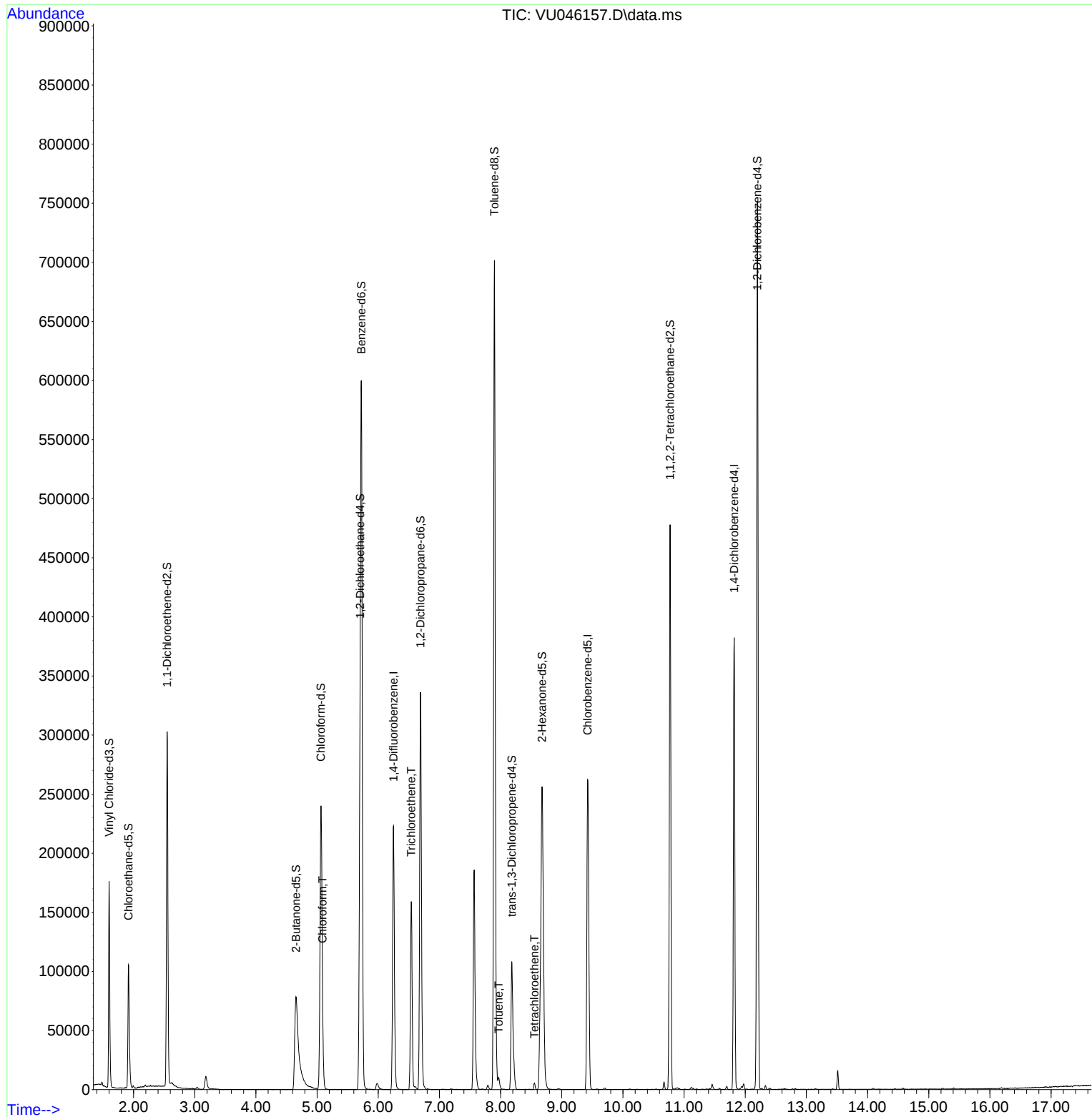
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	203885	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	202106	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	105708	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	139244	82.908	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 165.820%#		
7) Chloroethane-d5	1.916	69	96555	74.877	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 149.760%#		
11) 1,1-Dichloroethene-d2	2.549	63	176010	58.378	ug/L	-0.03
Spiked Amount 50.000	Range 60	- 125	Recovery	= 116.760%		
21) 2-Butanone-d5	4.655	46	226599	169.722	ug/L	0.01
Spiked Amount 100.000	Range 40	- 130	Recovery	= 169.720%#		
24) Chloroform-d	5.063	84	235128	83.834	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 167.660%#		
26) 1,2-Dichloroethane-d4	5.703	65	168397	89.466	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 178.940%#		
32) Benzene-d6	5.726	84	550332	95.004	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 190.000%#		
36) 1,2-Dichloropropane-d6	6.690	67	169603	94.472	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 188.940%#		
41) Toluene-d8	7.899	98	514469	97.544	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 195.080%#		
43) trans-1,3-Dichloroprop...	8.182	79	87004	100.393	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 200.780%#		
47) 2-Hexanone-d5	8.677	63	176119	206.907	ug/L	0.04
Spiked Amount 100.000	Range 45	- 130	Recovery	= 206.910%#		
56) 1,1,2,2-Tetrachloroeth...	10.771	84	247294	90.831	ug/L	0.01
Spiked Amount 50.000	Range 65	- 120	Recovery	= 181.660%#		
66) 1,2-Dichlorobenzene-d4	12.198	152	204182	100.298	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 200.600%#		
Target Compounds					Qvalue	
25) Chloroform	5.089	83	22174	7.357	ug/L	97
34) Trichloroethene	6.539	95	54202	33.635	ug/L	98
42) Toluene	7.970	91	8005	1.220	ug/L	94
46) Tetrachloroethene	8.552	164	1448	1.223	ug/L	92

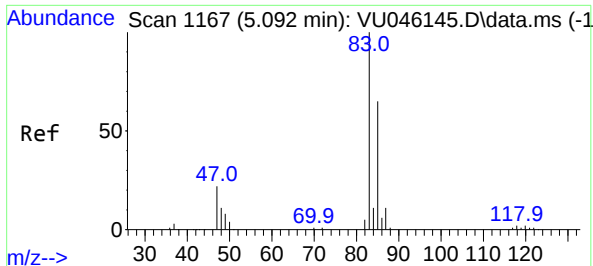
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 7.357 ug/L

RT: 5.089 min Scan# 11

Delta R.T. -0.003 min

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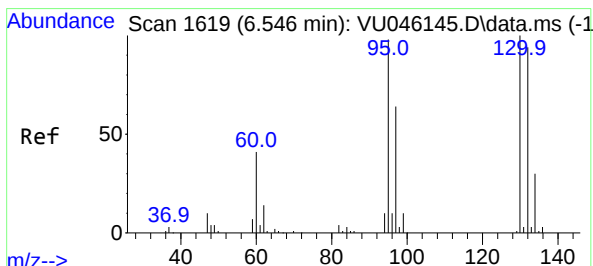
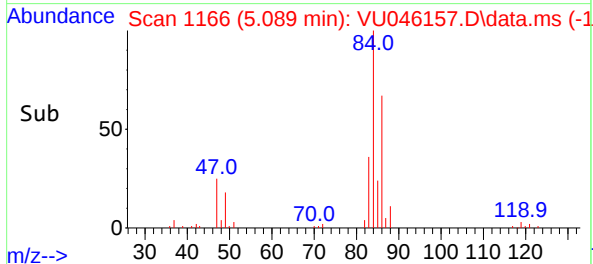
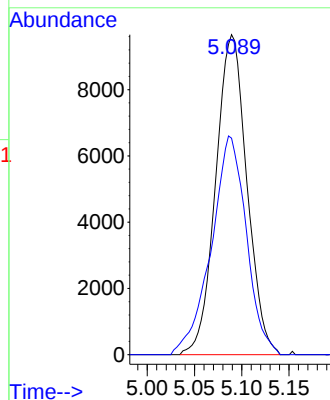
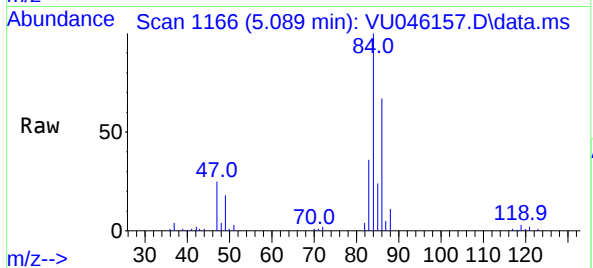
EX8C9ME

Tgt Ion: 83 Resp: 22174

Ion Ratio Lower Upper

83 100

85 67.6 45.8 85.2



#34

Trichloroethene

Concen: 33.635 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.006 min

Lab File: VU046157.D

Acq: 07 Dec 2021 22:10

Tgt Ion: 95 Resp: 54202

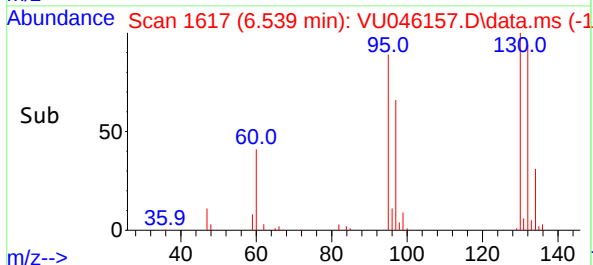
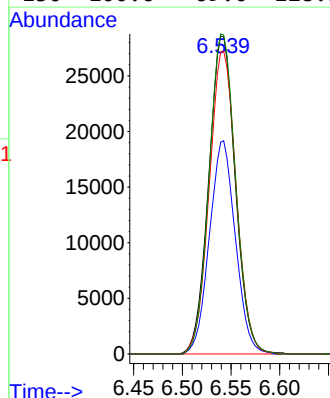
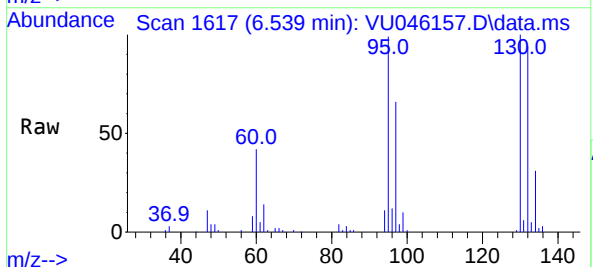
Ion Ratio Lower Upper

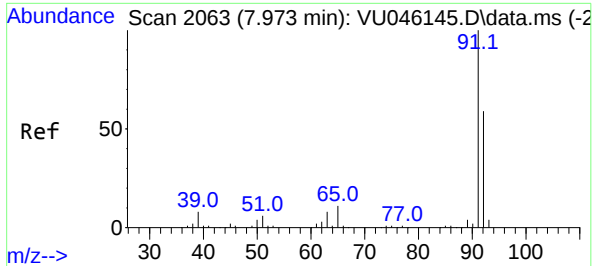
95 100

97 66.6 44.1 81.9

132 94.9 66.8 124.0

130 100.6 69.0 128.1





#42

Toluene

Concen: 1.220 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

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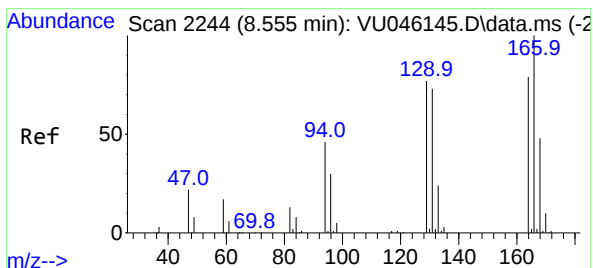
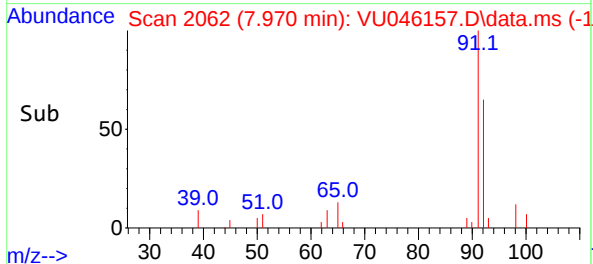
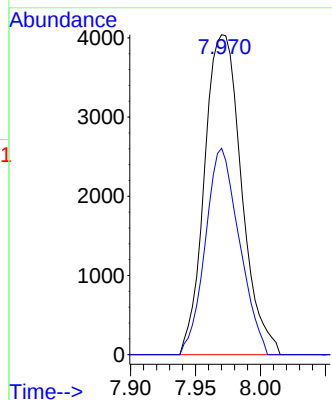
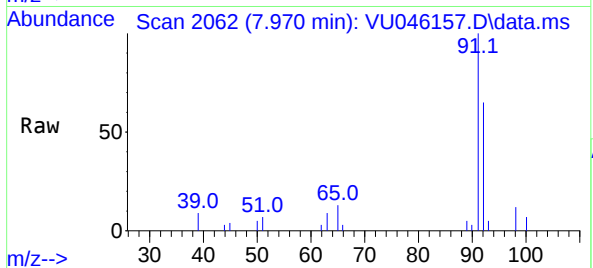
EX8C9ME

Tgt Ion: 91 Resp: 8005

Ion Ratio Lower Upper

91 100

92 64.5 41.9 77.7



#46

Tetrachloroethene

Concen: 1.223 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU046157.D

Acq: 07 Dec 2021 22:10

Tgt Ion: 164 Resp: 1448

Ion Ratio Lower Upper

164 100

129 99.3 71.1 132.1

131 77.4 67.8 126.0

166 134.6 90.6 168.2

