

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046151.D
 Acq On : 07 Dec 2021 19:56
 Operator : SY/MD
 Sample : M4887-05ME
 Misc : 5.33g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 08 04:54:57 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

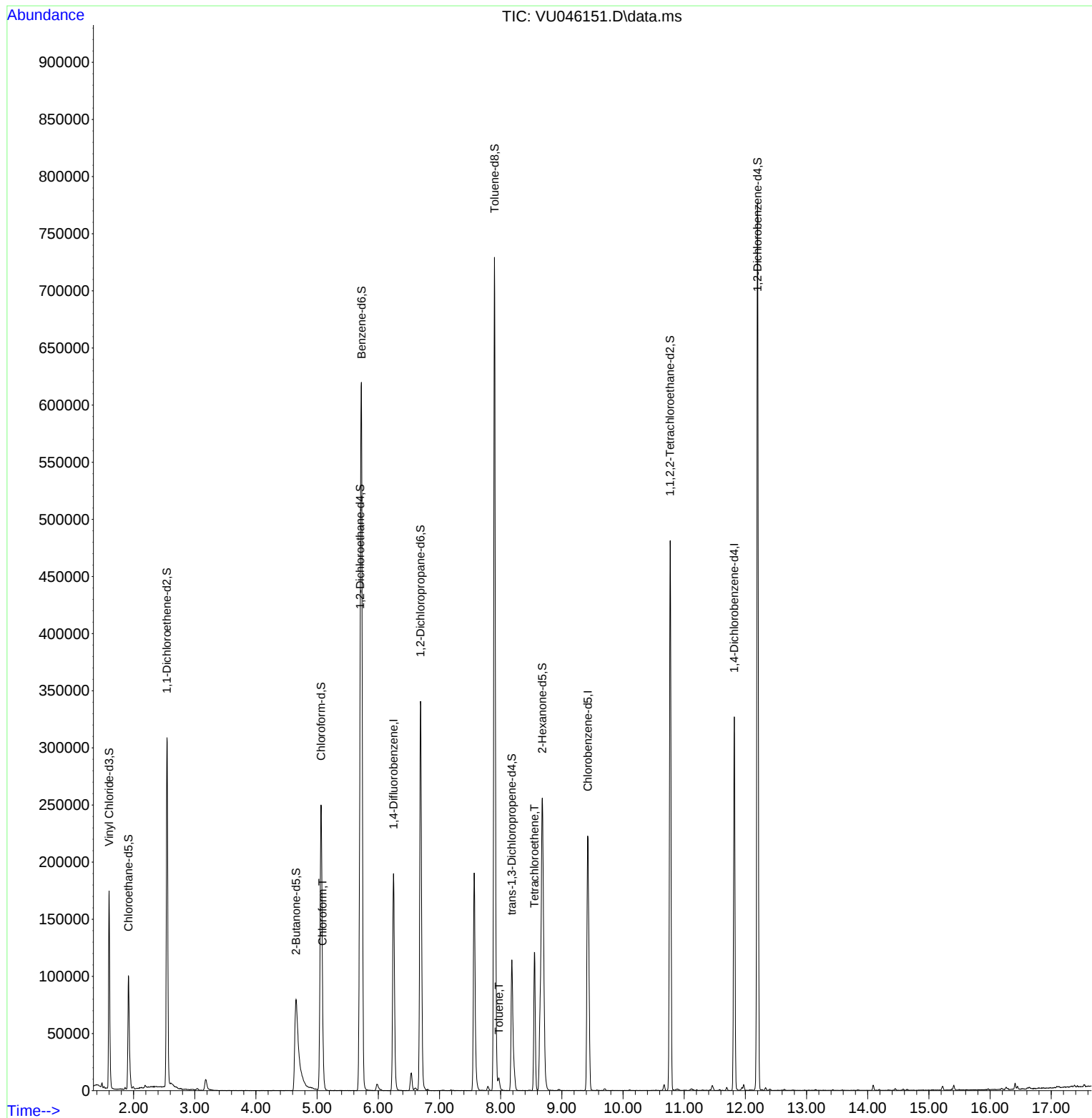
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

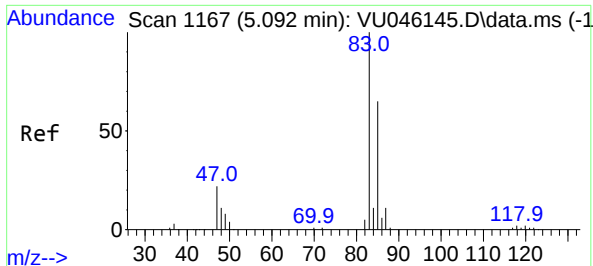
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	178175	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	174783	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	87960	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	144753	98.625	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 197.240%#		
7) Chloroethane-d5	1.916	69	96591	85.714	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 171.420%#		
11) 1,1-Dichloroethene-d2	2.546	63	182801	69.379	ug/L	-0.03
Spiked Amount	50.000	Range 60 - 125	Recovery	= 138.760%#		
21) 2-Butanone-d5	4.655	46	227990	195.404	ug/L	0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	= 195.400%#		
24) Chloroform-d	5.064	84	250726	102.295	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 204.600%#		
26) 1,2-Dichloroethane-d4	5.703	65	173378	105.403	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 210.800%#		
32) Benzene-d6	5.726	84	571187	114.019	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 228.040%#		
36) 1,2-Dichloropropane-d6	6.690	67	175598	113.102	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 226.200%#		
41) Toluene-d8	7.899	98	529730	116.138	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 232.280%#		
43) trans-1,3-Dichloroprop...	8.182	79	89298	119.148	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 238.300%#		
47) 2-Hexanone-d5	8.681	63	180247	244.859	ug/L	0.05
Spiked Amount	100.000	Range 45 - 130	Recovery	= 244.860%#		
56) 1,1,2,2-Tetrachloroeth...	10.771	84	251460	106.799	ug/L	0.01
Spiked Amount	50.000	Range 65 - 120	Recovery	= 213.600%#		
66) 1,2-Dichlorobenzene-d4	12.198	152	206185	121.718	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 243.440%#		
Target Compounds						Qvalue
25) Chloroform	5.089	83	15892	6.034	ug/L	96
42) Toluene	7.973	91	8665	1.527	ug/L	95
46) Tetrachloroethene	8.552	164	28552	27.879	ug/L	96

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

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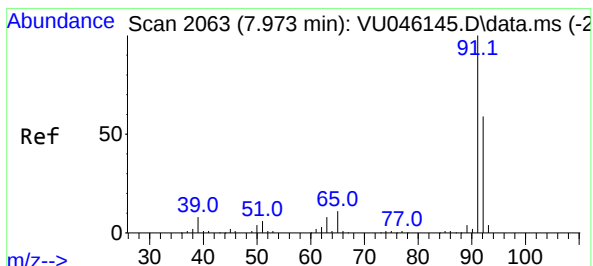
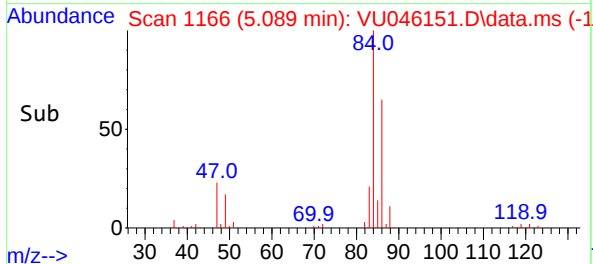
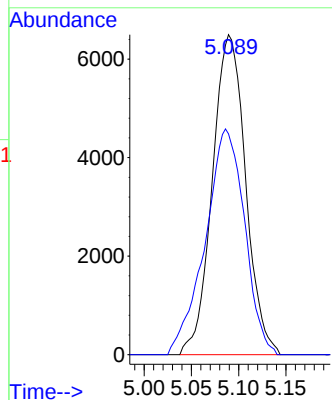
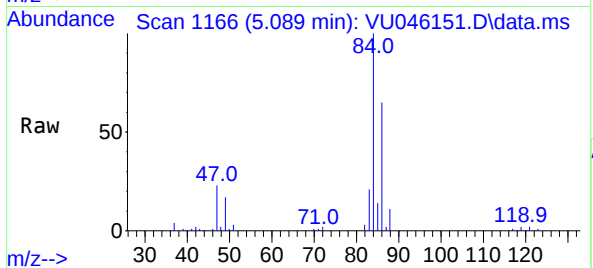




#25

Chloroform
Concen: 6.034 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU046151.D
Acq: 07 Dec 2021 19:56

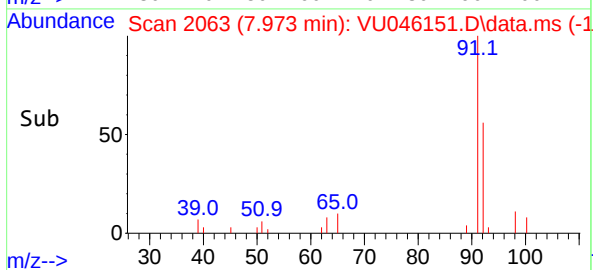
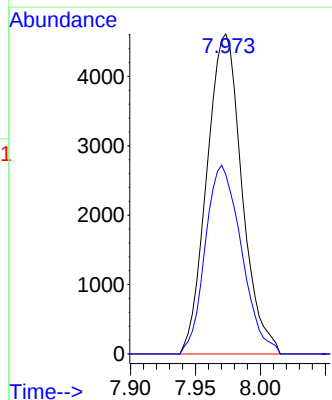
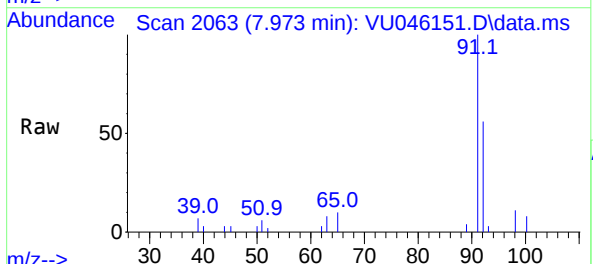
Tgt Ion: 83 Resp: 15892
Ion Ratio Lower Upper
83 100
85 69.0 45.8 85.2

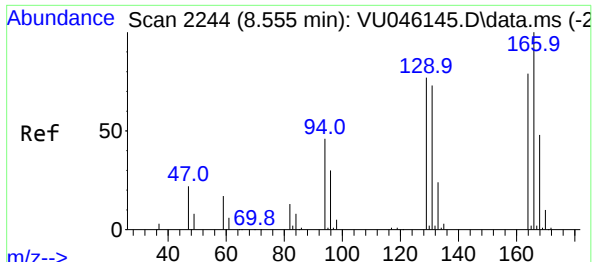


#42

Toluene
Concen: 1.527 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU046151.D
Acq: 07 Dec 2021 19:56

Tgt Ion: 91 Resp: 8665
Ion Ratio Lower Upper
91 100
92 56.1 41.9 77.7





#46
Tetrachloroethene
Concen: 27.879 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU046151.D
Acq: 07 Dec 2021 19:56

Tgt Ion:164	Resp:	28552
Ion	Ratio	Lower Upper
164	100	
129	96.5	71.1 132.1
131	93.0	67.8 126.0
166	127.0	90.6 168.2

