

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046153.D
 Acq On : 07 Dec 2021 20:41
 Operator : SY/MD
 Sample : M4887-07ME
 Misc : 5.93g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EX8A4ME

Quant Time: Dec 08 04:55:11 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)

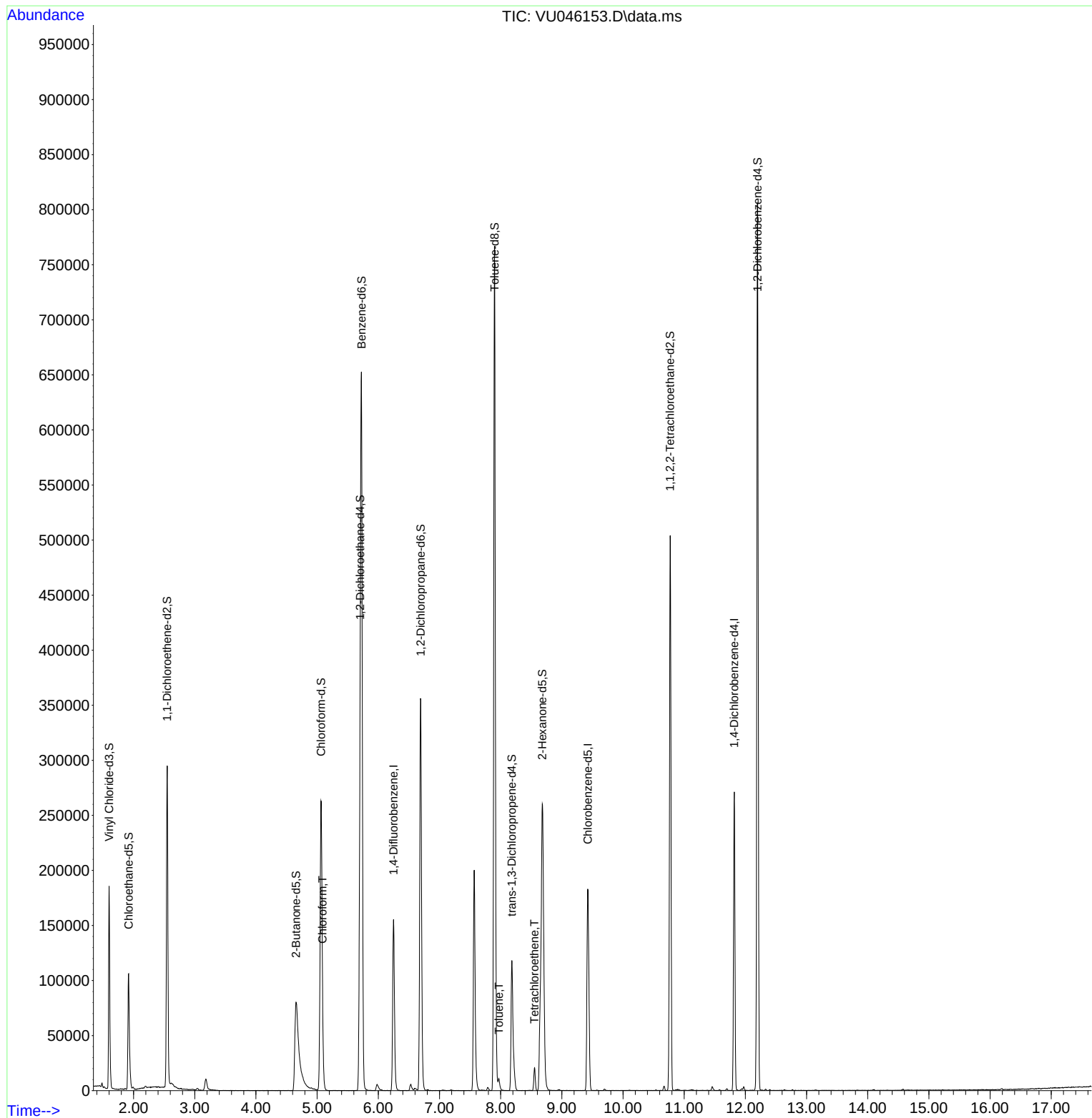
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	144151	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	143169	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	73347	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	153160	128.983	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 257.960%#		
7) Chloroethane-d5	1.919	69	103061	113.042	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 226.080%#		
11) 1,1-Dichloroethene-d2	2.549	63	172373	80.863	ug/L	-0.03
Spiked Amount 50.000	Range 60	- 125	Recovery	= 161.720%#		
21) 2-Butanone-d5	4.655	46	234049	247.944	ug/L	0.01
Spiked Amount 100.000	Range 40	- 130	Recovery	= 247.940%#		
24) Chloroform-d	5.063	84	262388	132.321	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 264.640%#		
26) 1,2-Dichloroethane-d4	5.703	65	179729	135.054	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 270.100%#		
32) Benzene-d6	5.726	84	591120	144.054	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 288.100%#		
36) 1,2-Dichloropropane-d6	6.694	67	182280	143.331	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 286.660%#		
41) Toluene-d8	7.899	98	551386	147.580	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 295.160%#		
43) trans-1,3-Dichloroprop...	8.182	79	93280	151.944	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 303.880%#		
47) 2-Hexanone-d5	8.681	63	186715	309.655	ug/L	0.05
Spiked Amount 100.000	Range 45	- 130	Recovery	= 309.650%#		
56) 1,1,2,2-Tetrachloroeth...	10.771	84	262252	135.978	ug/L	0.01
Spiked Amount 50.000	Range 65	- 120	Recovery	= 271.960%#		
66) 1,2-Dichlorobenzene-d4	12.198	152	215960	152.889	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 305.780%#		
Target Compounds						
25) Chloroform	5.089	83	16930	7.945	ug/L	99
42) Toluene	7.970	91	8637	1.858	ug/L	94
46) Tetrachloroethene	8.552	164	5029	5.995	ug/L	97

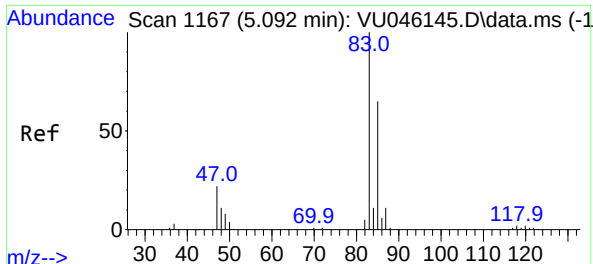
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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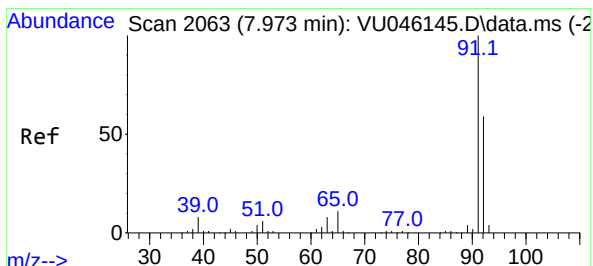
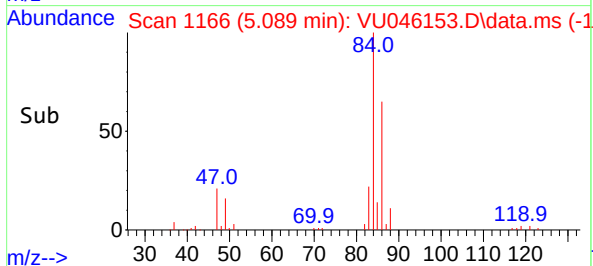
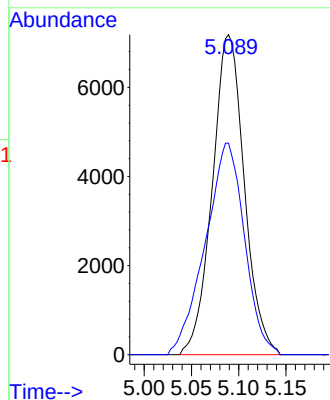
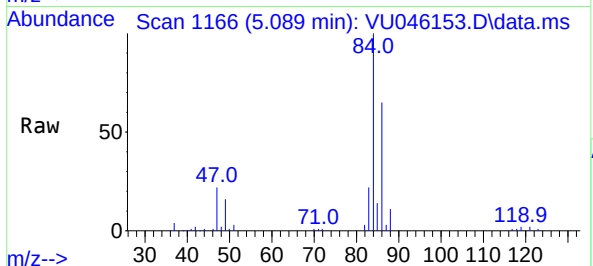




#25
Chloroform
Concen: 7.945 ug/L
RT: 5.089 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU046153.D
Acq: 07 Dec 2021 20:41

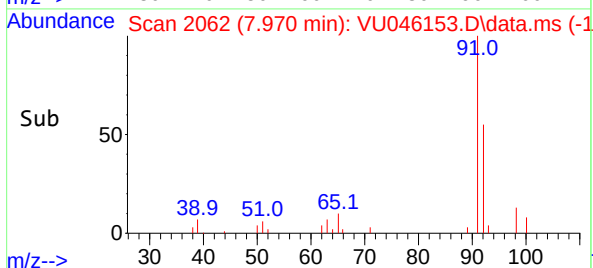
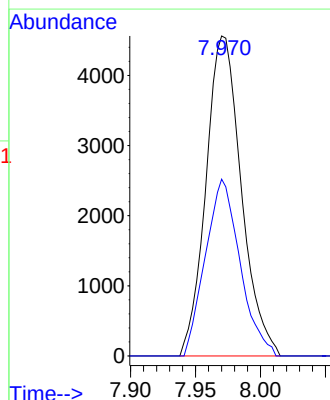
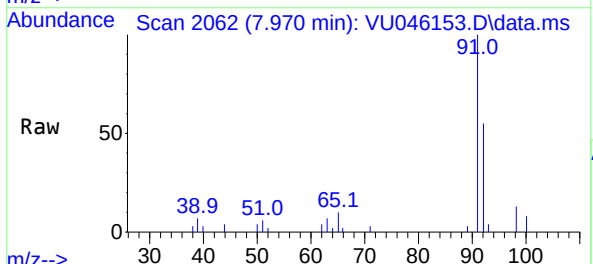
Instrument :
MSVOA_U
ClientSampleId :
EX8A4ME

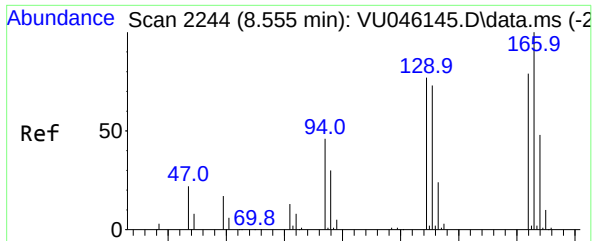
Tgt Ion: 83 Resp: 16930
Ion Ratio Lower Upper
83 100
85 66.1 45.8 85.2



#42
Toluene
Concen: 1.858 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU046153.D
Acq: 07 Dec 2021 20:41

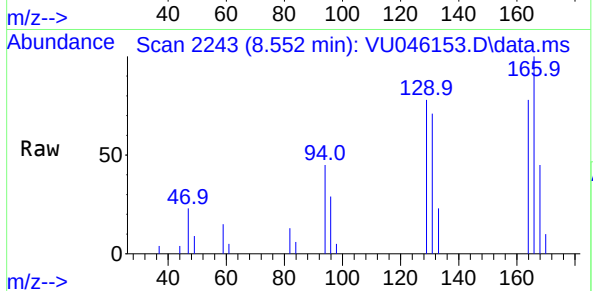
Tgt Ion: 91 Resp: 8637
Ion Ratio Lower Upper
91 100
92 55.2 41.9 77.7





#46
 Tetrachloroethene
 Concen: 5.995 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU046153.D
 Acq: 07 Dec 2021 20:41

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Tgt Ion:164 Resp: 5029

Ion	Ratio	Lower	Upper
164	100		
129	99.5	71.1	132.1
131	90.5	67.8	126.0
166	127.5	90.6	168.2

