

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046185.D
 Acq On : 08 Dec 2021 19:14
 Operator : SY/MD
 Sample : M4887-06MERE
 Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EX8A3MERE

Quant Time: Dec 09 03:21:20 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)

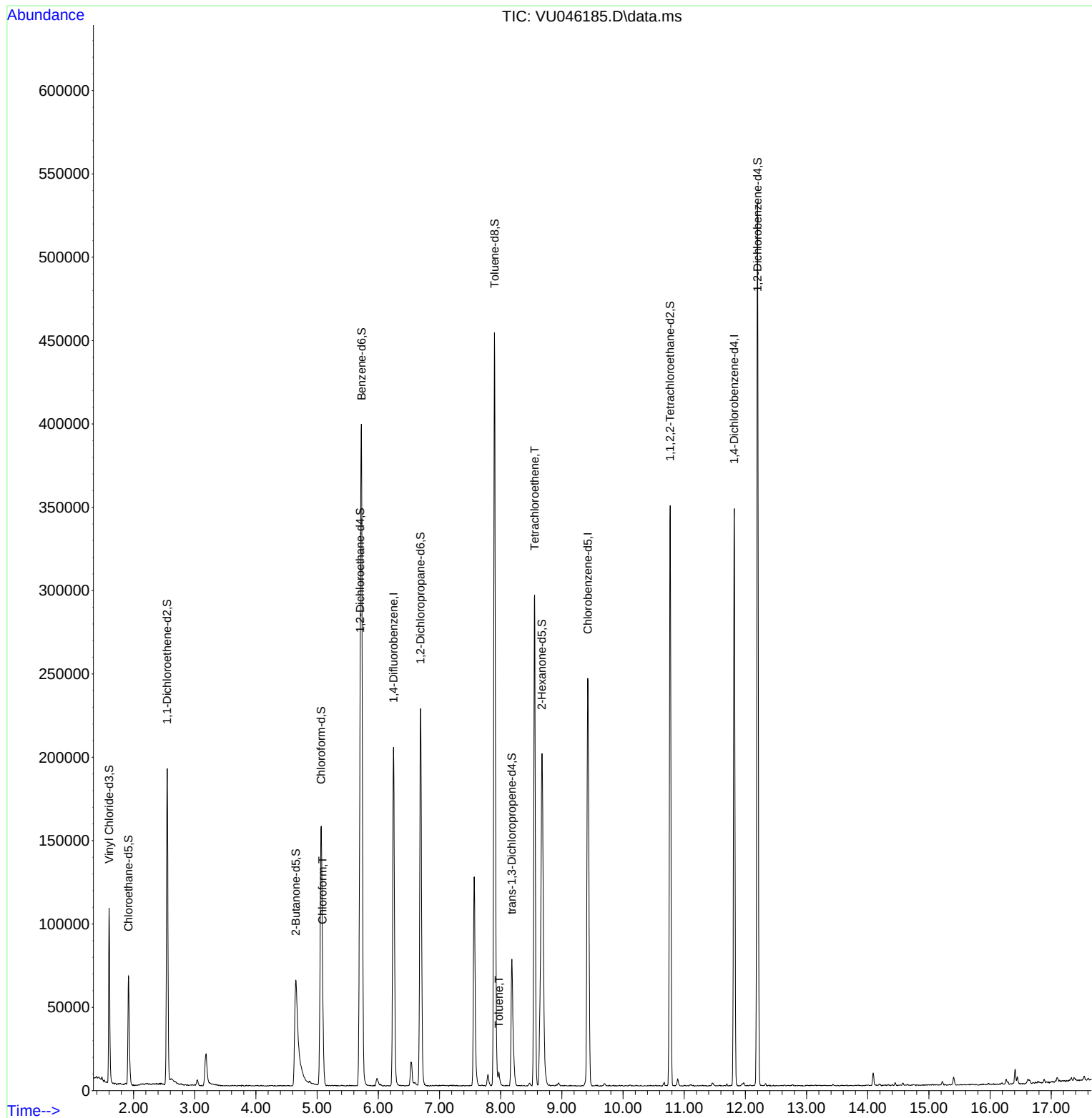
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	184106	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	183338	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	92443	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	84073	55.436	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 110.880%		
7) Chloroethane-d5	1.916	69	59829	51.381	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 102.760%		
11) 1,1-Dichloroethene-d2	2.549	63	111666	41.016	ug/L	-0.03
Spiked Amount 50.000	Range 60	- 125	Recovery	= 82.040%		
21) 2-Butanone-d5	4.652	46	168558	139.812	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 139.810%#		
24) Chloroform-d	5.063	84	145436	57.426	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 114.860%		
26) 1,2-Dichloroethane-d4	5.703	65	115920	68.202	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 136.400%#		
32) Benzene-d6	5.726	84	360407	68.586	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 137.180%#		
36) 1,2-Dichloropropane-d6	6.690	67	114824	70.507	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 141.020%#		
41) Toluene-d8	7.899	98	330088	68.992	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 137.980%#		
43) trans-1,3-Dichloroprop...	8.182	79	58558	74.487	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 148.980%#		
47) 2-Hexanone-d5	8.674	63	125510	162.545	ug/L	0.04
Spiked Amount 100.000	Range 45	- 130	Recovery	= 162.540%#		
56) 1,1,2,2-Tetrachloroeth...	10.771	84	175830	71.193	ug/L	0.01
Spiked Amount 50.000	Range 65	- 120	Recovery	= 142.380%#		
66) 1,2-Dichlorobenzene-d4	12.198	152	139095	78.131	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 156.260%#		
Target Compounds						
25) Chloroform	5.089	83	30337	11.147	ug/L	99
42) Toluene	7.970	91	6756	1.135	ug/L	88
46) Tetrachloroethene	8.555	164	67766	63.081	ug/L	97

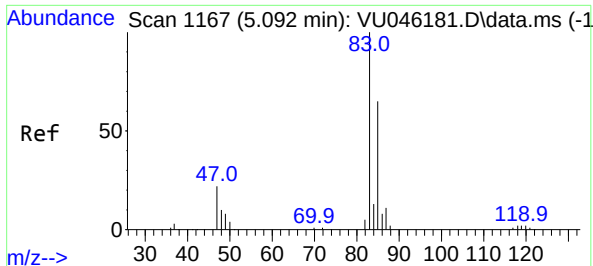
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 11.147 ug/L

RT: 5.089 min Scan# 1167

Delta R.T. -0.003 min

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Acq: 08 Dec 2021 19:14

Instrument :

MSVOA_U

ClientSampleId :

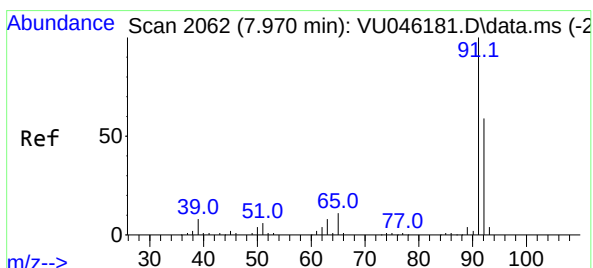
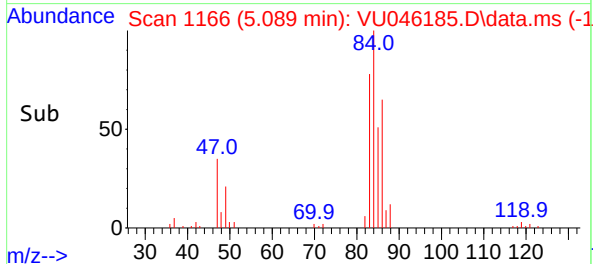
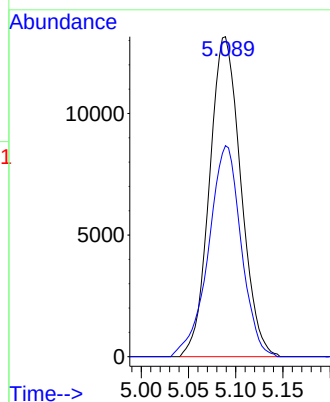
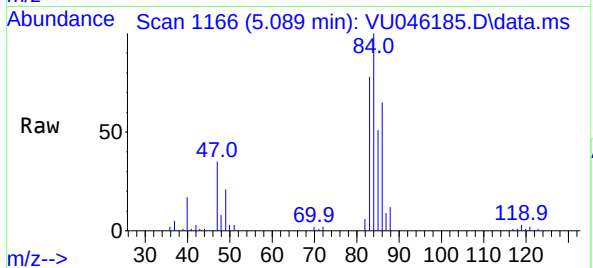
EX8A3MERE

Tgt Ion: 83 Resp: 30337

Ion Ratio Lower Upper

83 100

85 66.0 45.8 85.2



#42

Toluene

Concen: 1.135 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU046185.D

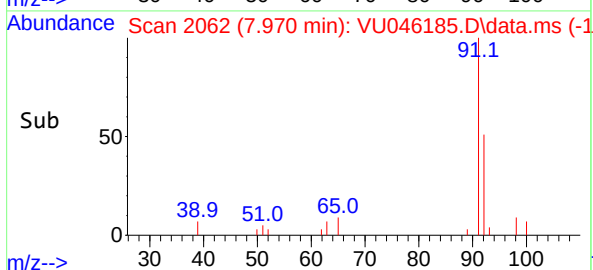
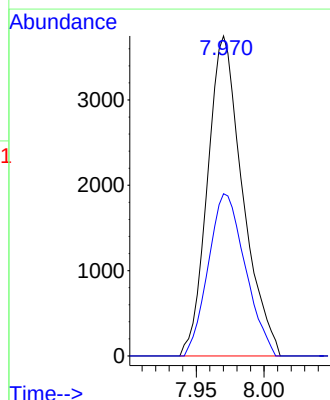
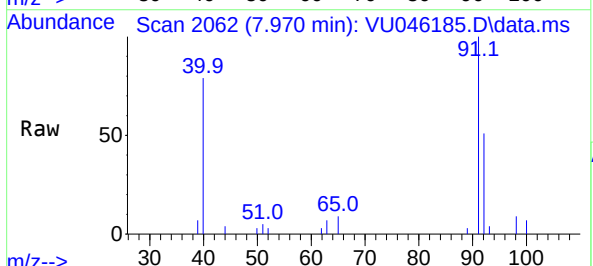
Acq: 08 Dec 2021 19:14

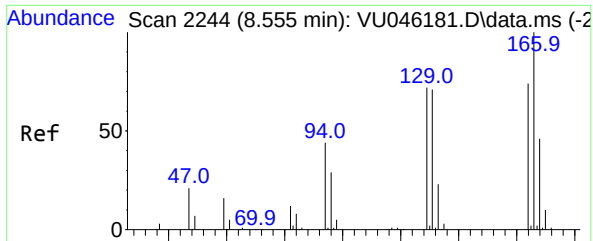
Tgt Ion: 91 Resp: 6756

Ion Ratio Lower Upper

91 100

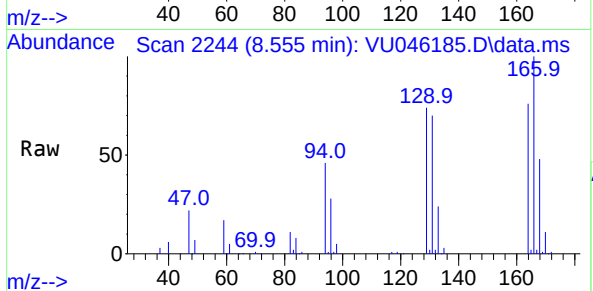
92 50.7 41.9 77.7





#46
Tetrachloroethene
Concen: 63.081 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046185.D
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Tgt Ion:	164	Resp:	67766
Ion	Ratio	Lower	Upper
164	100		
129	97.0	71.1	132.1
131	92.3	67.8	126.0
166	131.0	90.6	168.2

