

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
 Data File : VU046114.D
 Acq On : 06 Dec 2021 16:04
 Operator : SY/MD
 Sample : M4942-04DL 20X
 Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKQ4DL

Quant Time: Dec 07 01:11:18 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)

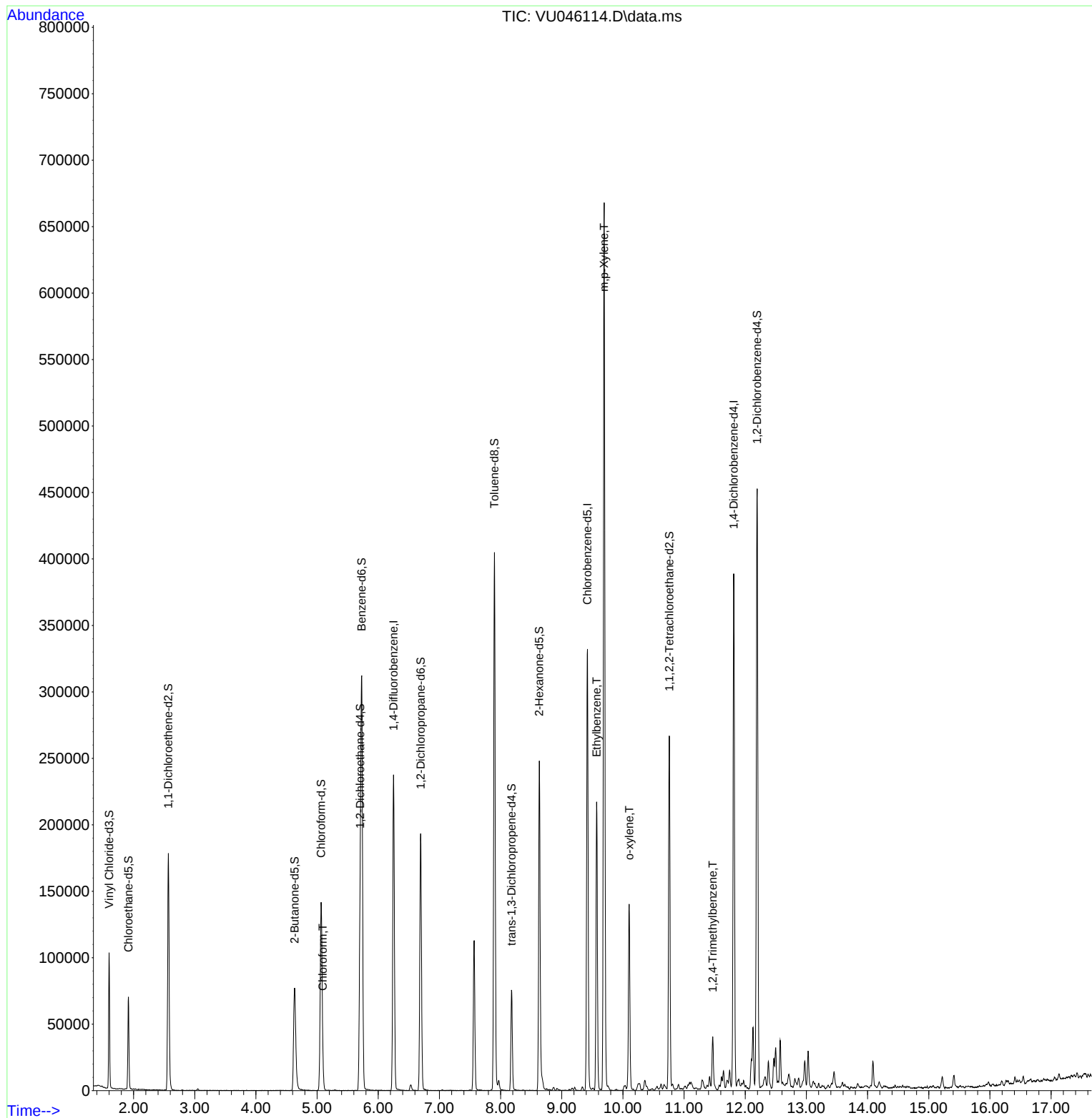
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	198266	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	192469	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	103301	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	70960	43.448	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.900%		
7) Chloroethane-d5	1.916	69	48869	38.971	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.940%		
11) 1,1-Dichloroethene-d2	2.568	63	105449	35.966	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.940%		
21) 2-Butanone-d5	4.633	46	121376	93.487	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.490%		
24) Chloroform-d	5.067	84	131405	48.180	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.360%		
26) 1,2-Dichloroethane-d4	5.703	65	92283	50.417	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.840%		
32) Benzene-d6	5.729	84	298933	54.189	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.380%		
36) 1,2-Dichloropropane-d6	6.694	67	92043	53.837	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	107.680%		
41) Toluene-d8	7.899	98	274290	54.610	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.220%		
43) trans-1,3-Dichloroprop...	8.179	79	44272	53.643	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	107.280%		
47) 2-Hexanone-d5	8.632	63	89614	110.551	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.550%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	132017	50.917	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.840%		
66) 1,2-Dichlorobenzene-d4	12.195	152	111153	55.873	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	111.740%		
Target Compounds					Qvalue	
25) Chloroform	5.092	83	11814	4.031	ug/L	99
52) Ethylbenzene	9.571	91	158004	23.488	ug/L	98
53) m,p-Xylene	9.693	106	194568	74.164	ug/L	98
54) o-xylene	10.102	106	38880	15.273	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	20988	3.745	ug/L	100

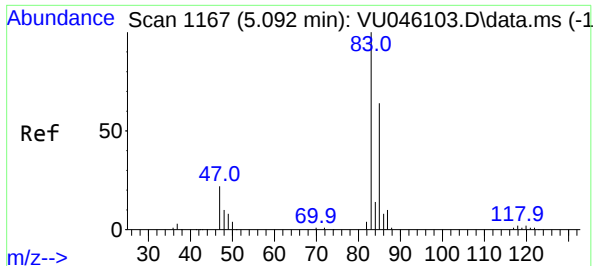
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration





#25

Chloroform

Concen: 4.031 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046114.D

Acq: 06 Dec 2021 16:04

Instrument :

MSVOA_U

ClientSampleId :

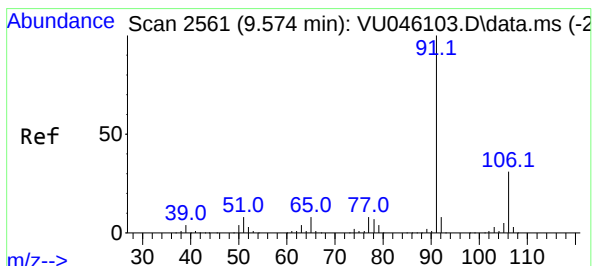
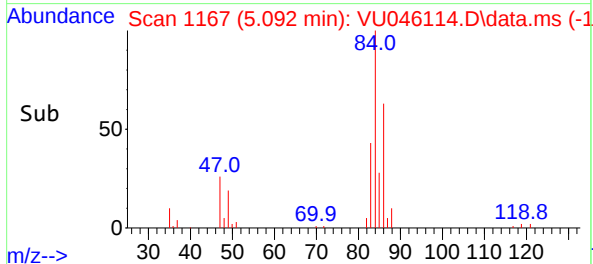
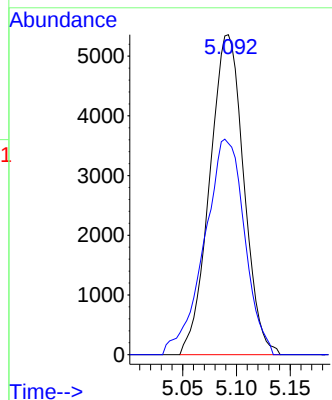
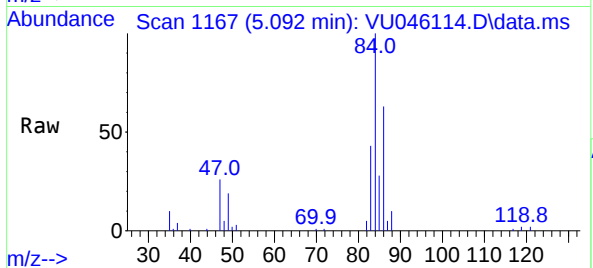
BGKQ4DL

Tgt Ion: 83 Resp: 11814

Ion Ratio Lower Upper

83 100

85 66.0 45.8 85.2



#52

Ethylbenzene

Concen: 23.488 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.003 min

Lab File: VU046114.D

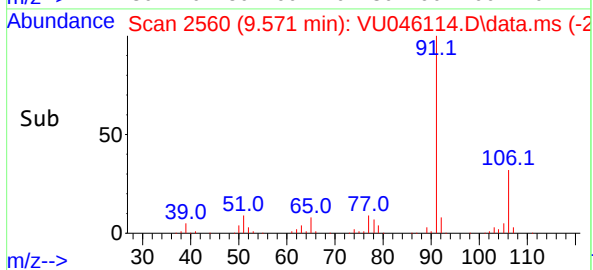
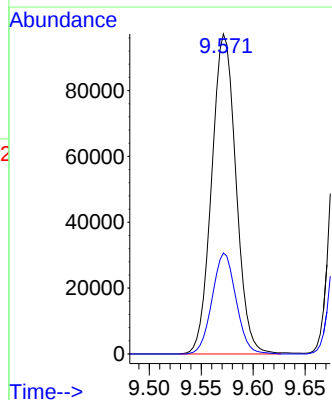
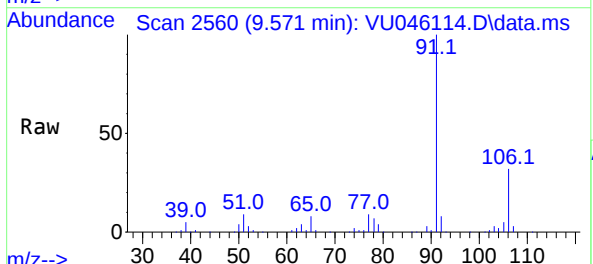
Acq: 06 Dec 2021 16:04

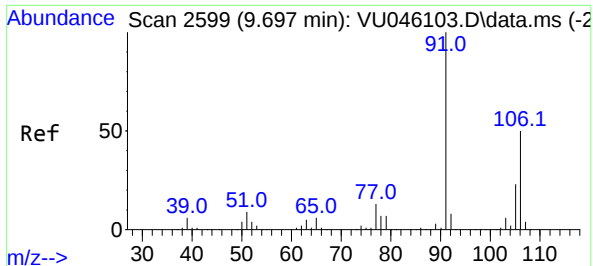
Tgt Ion: 91 Resp: 158004

Ion Ratio Lower Upper

91 100

106 31.5 21.1 39.3

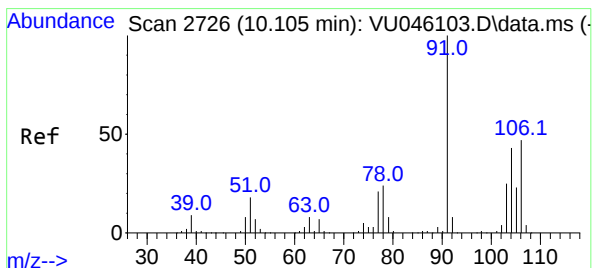
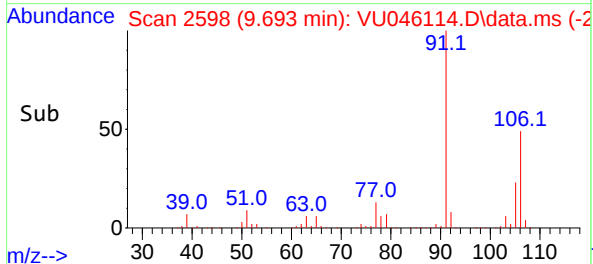
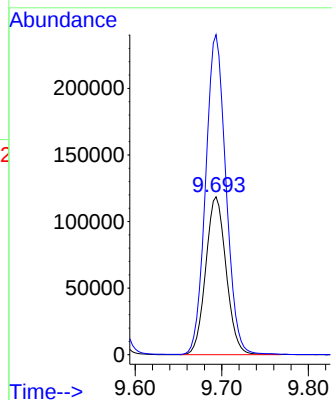
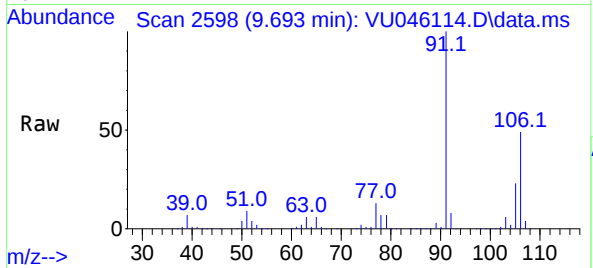




#53
m,p-Xylene
Concen: 74.164 ug/L
RT: 9.693 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046114.D
Acq: 06 Dec 2021 16:04

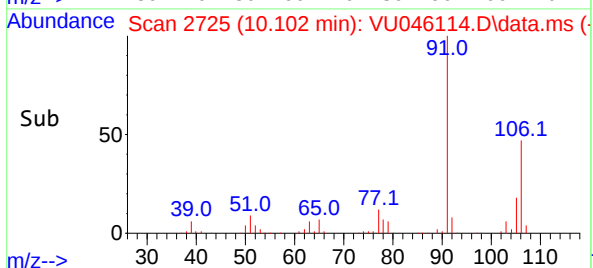
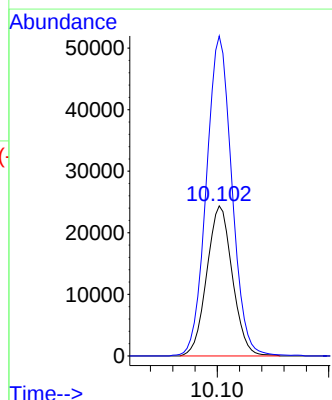
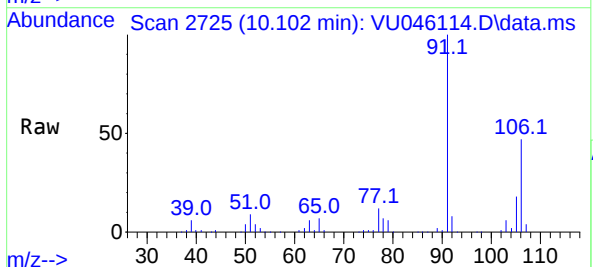
Instrument :
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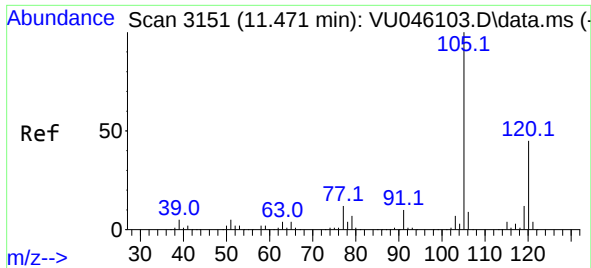
Tgt Ion:106 Resp: 194568
Ion Ratio Lower Upper
106 100
91 202.7 144.3 268.1



#54
o-xylene
Concen: 15.273 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU046114.D
Acq: 06 Dec 2021 16:04

Tgt Ion:106 Resp: 38880
Ion Ratio Lower Upper
106 100
91 213.1 154.2 286.4





#63
 1,2,4-Trimethylbenzene
 Concen: 3.745 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.003 min
 Lab File: VU046114.D
 Acq: 06 Dec 2021 16:04

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKQ4DL

Tgt Ion:105 Resp: 20988
 Ion Ratio Lower Upper
 105 100
 120 43.7 35.2 52.8

