

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
 Data File : VU046122.D
 Acq On : 06 Dec 2021 19:27
 Operator : SY/MD
 Sample : M4883-12ME
 Misc : 3.45g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW9G8ME

Quant Time: Dec 07 01:13:13 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)

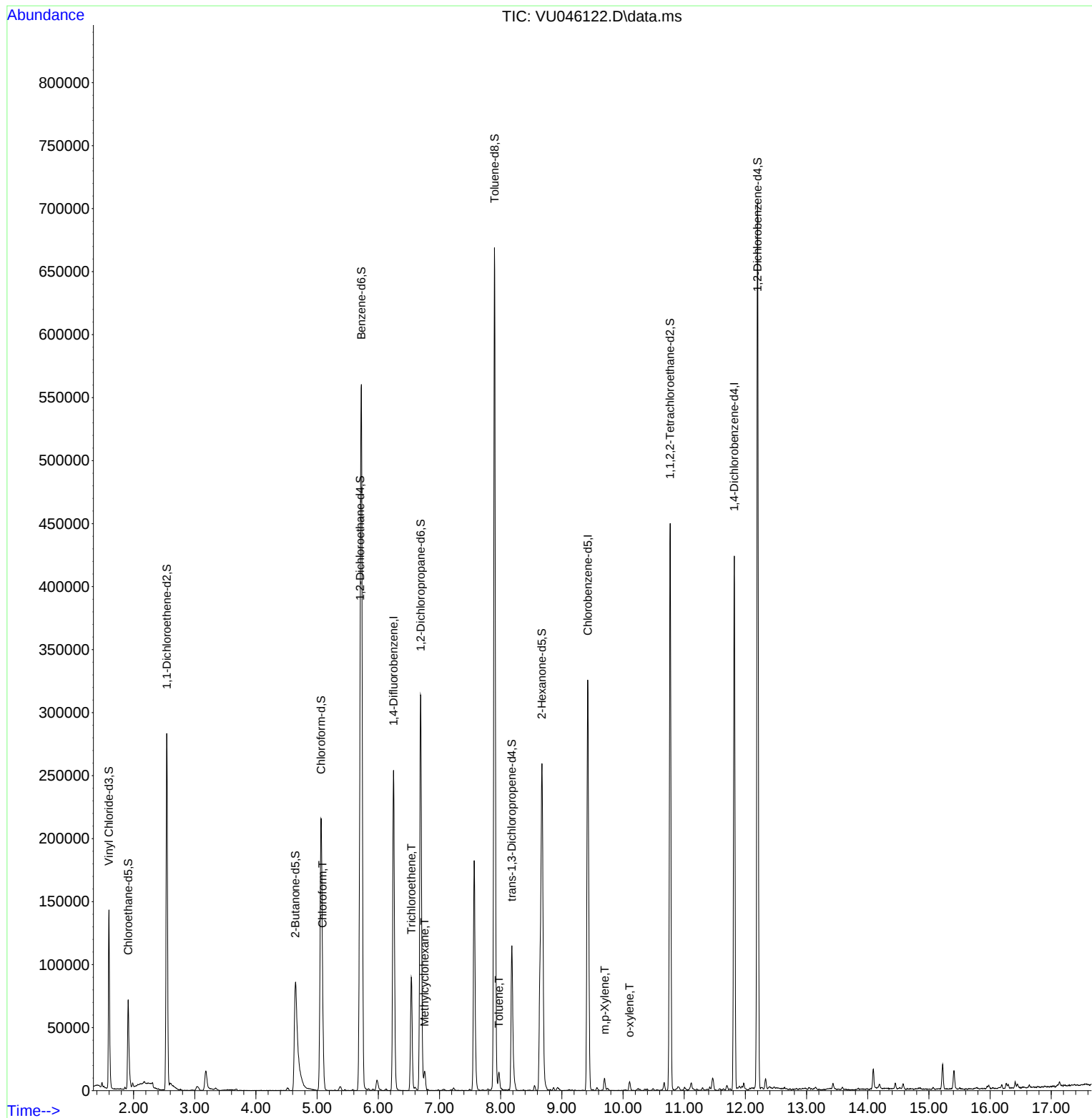
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	230879	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	224926	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	115543	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	118089	62.091	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 124.180%			
7) Chloroethane-d5	1.913	69	64468	44.149	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.300%			
11) 1,1-Dichloroethene-d2	2.543	63	168391	49.321	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.640%			
21) 2-Butanone-d5	4.646	46	213288	141.074	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 141.070%#			
24) Chloroform-d	5.064	84	208931	65.784	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 131.560%#			
26) 1,2-Dichloroethane-d4	5.703	65	157548	73.915	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 147.840%#			
32) Benzene-d6	5.723	84	513062	79.584	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 159.160%#			
36) 1,2-Dichloropropane-d6	6.694	67	162585	81.375	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 162.760%#			
41) Toluene-d8	7.899	98	474466	80.832	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 161.660%#			
43) trans-1,3-Dichloroprop...	8.182	79	81238	84.229	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 168.460%#			
47) 2-Hexanone-d5	8.674	63	164371	173.513	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery = 173.510%#			
56) 1,1,2,2-Tetrachloroeth...	10.771	84	229072	75.601	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery = 151.200%#			
66) 1,2-Dichlorobenzene-d4	12.198	152	188515	84.720	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 169.440%#			
Target Compounds						Qvalue
25) Chloroform	5.089	83	35929	10.527	ug/L	94
34) Trichloroethene	6.543	95	29593	16.501	ug/L	95
35) Methylcyclohexane	6.755	83	6646	2.390	ug/L	96
42) Toluene	7.970	91	11535	1.579	ug/L	100
53) m,p-Xylene	9.700	106	3317	1.082	ug/L	96
54) o-xylene	10.108	106	2332	0.784	ug/L	84

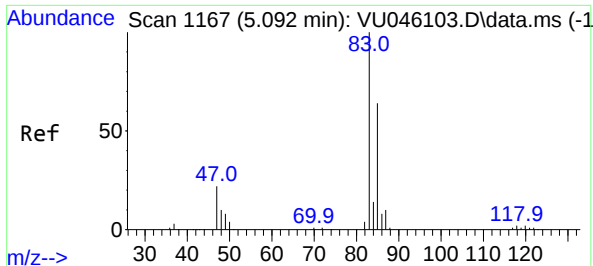
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#25

Chloroform

Concen: 10.527 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU046122.D

Acq: 06 Dec 2021 19:27

Instrument :

MSVOA_U

ClientSampleId :

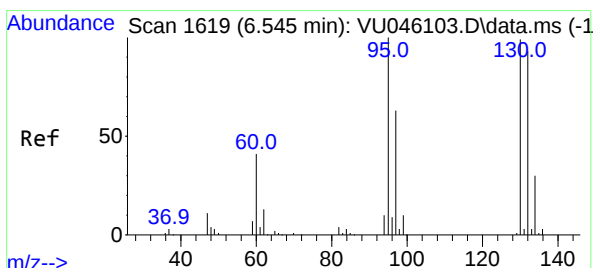
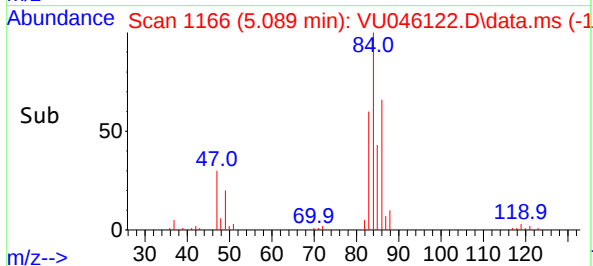
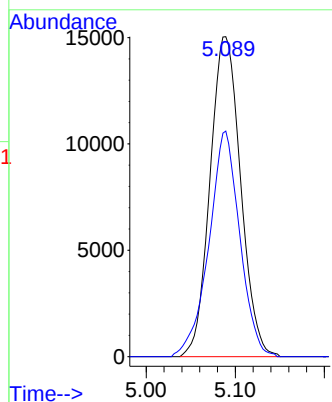
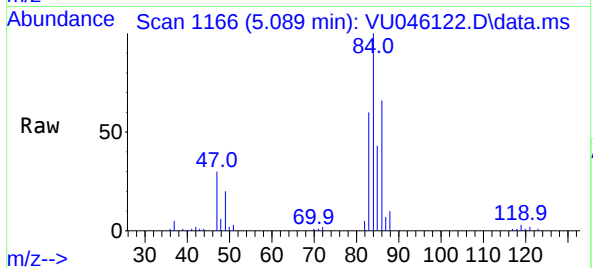
EW9G8ME

Tgt Ion: 83 Resp: 35929

Ion Ratio Lower Upper

83 100

85 70.5 45.8 85.2



#34

Trichloroethene

Concen: 16.501 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU046122.D

Acq: 06 Dec 2021 19:27

Tgt Ion: 95 Resp: 29593

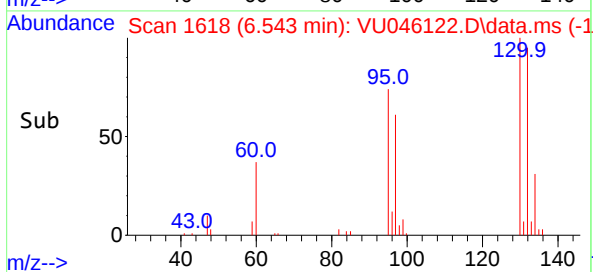
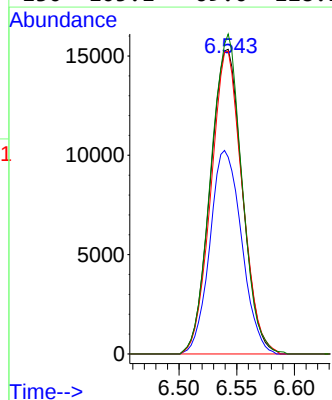
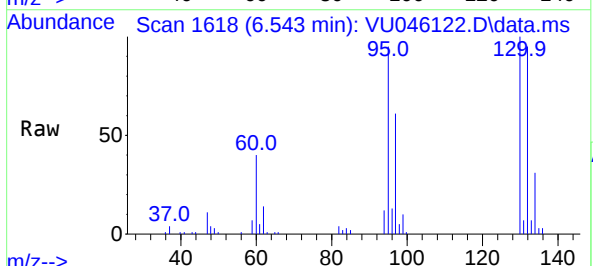
Ion Ratio Lower Upper

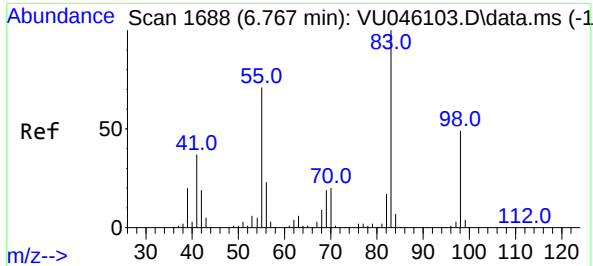
95 100

97 64.6 44.1 81.9

132 99.5 66.8 124.0

130 105.1 69.0 128.1

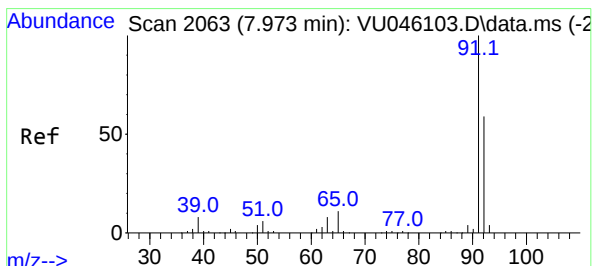
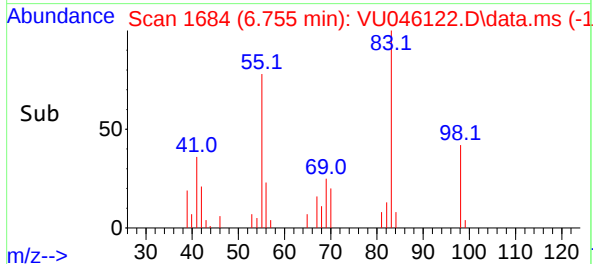
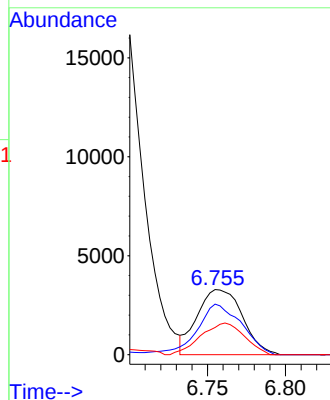
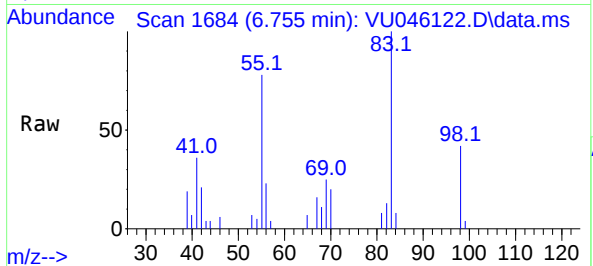




#35
Methylcyclohexane
Concen: 2.390 ug/L
RT: 6.755 min Scan# 1
Delta R.T. -0.013 min
Lab File: VU046122.D
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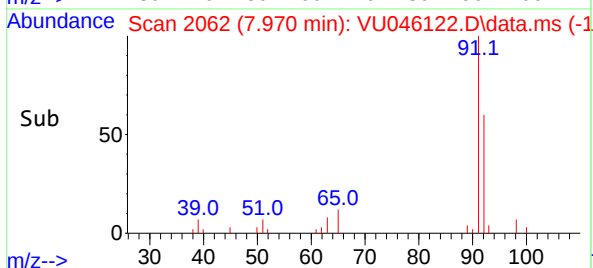
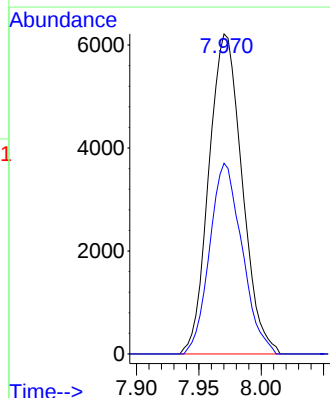
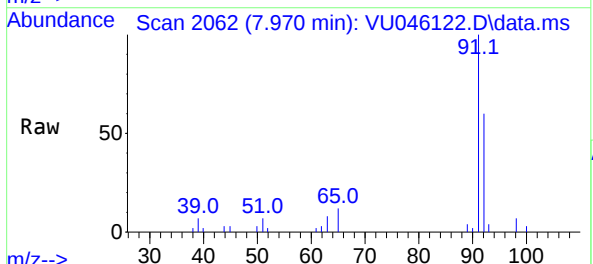
Instrument :
MSVOA_U
ClientSampleId :
EW9G8ME

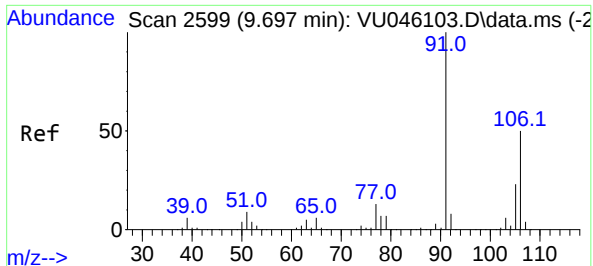
Tgt Ion: 83 Resp: 6646
Ion Ratio Lower Upper
83 100
55 77.2 57.8 86.6
98 46.6 38.4 57.6



#42
Toluene
Concen: 1.579 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU046122.D
Acq: 06 Dec 2021 19:27

Tgt Ion: 91 Resp: 11535
Ion Ratio Lower Upper
91 100
92 59.6 41.9 77.7





#53

m,p-Xylene

Concen: 1.082 ug/L

RT: 9.700 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU046122.D

Acq: 06 Dec 2021 19:27

Instrument :

MSVOA_U

ClientSampleId :

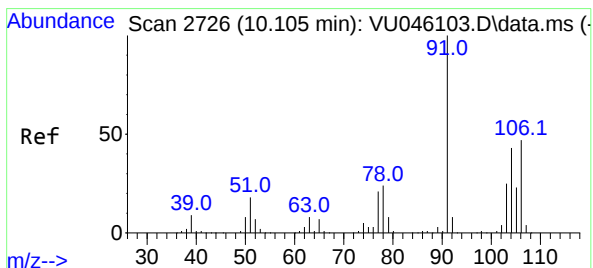
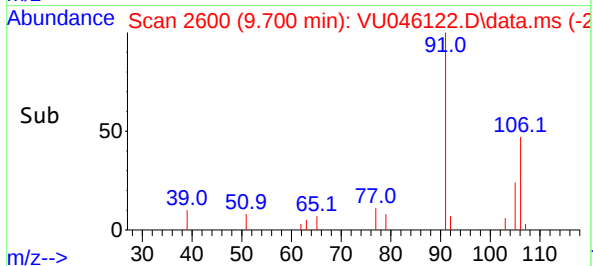
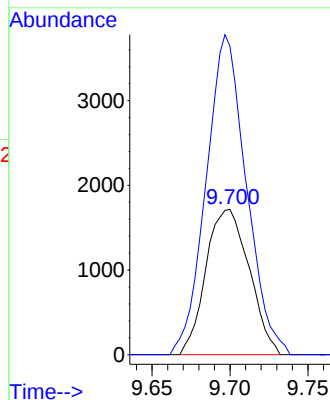
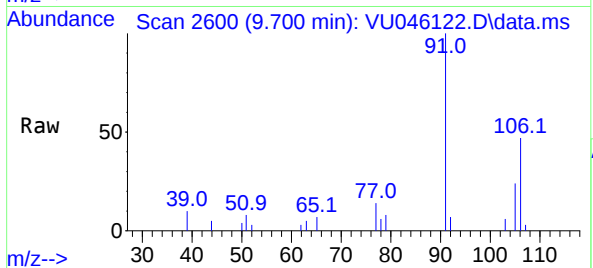
EW9G8ME

Tgt Ion:106 Resp: 3317

Ion Ratio Lower Upper

106 100

91 212.2 144.3 268.1



#54

o-xylene

Concen: 0.784 ug/L

RT: 10.108 min Scan# 2727

Delta R.T. 0.003 min

Lab File: VU046122.D

Acq: 06 Dec 2021 19:27

Tgt Ion:106 Resp: 2332

Ion Ratio Lower Upper

106 100

91 194.8 154.2 286.4

