

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
 Data File : VU053621.D
 Acq On : 10 Apr 2023 18:25
 Operator : JC/MD
 Sample : 02251-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMD6

Quant Time: Apr 11 02:24:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 02:19:45 2023
 Response via : Initial Calibration

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

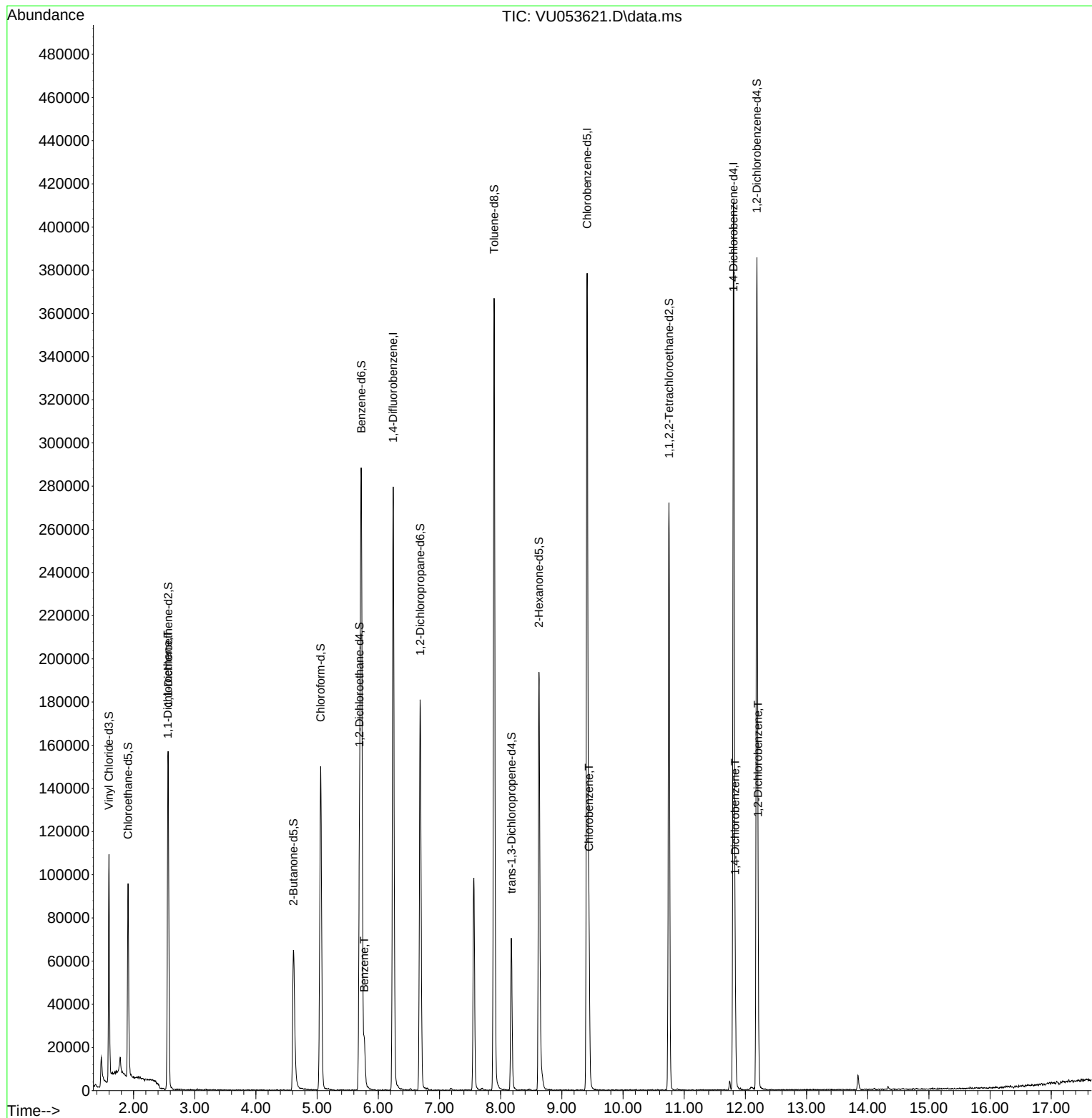
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	241896	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	220141	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	111888	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75806	40.246	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.500%		
7) Chloroethane-d5	1.909	69	66922	46.081	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.160%		
11) 1,1-Dichloroethene-d2	2.565	63	91836	31.497	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.000%		
21) 2-Butanone-d5	4.613	46	92330	108.268	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.270%		
24) Chloroform-d	5.057	84	135516	43.504	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.000%		
26) 1,2-Dichloroethane-d4	5.694	65	87372	47.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.940%		
32) Benzene-d6	5.723	84	278513	46.870	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.740%		
36) 1,2-Dichloropropane-d6	6.684	67	88461	48.705	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.400%		
41) Toluene-d8	7.893	98	254438	43.081	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.160%		
43) trans-1,3-Dichloroprop...	8.176	79	42213	45.025	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.060%		
47) 2-Hexanone-d5	8.626	63	70421	113.607	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	113.610%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	129534	50.601	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.200%		
66) 1,2-Dichlorobenzene-d4	12.188	152	103961	44.513	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.020%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.559	96	806	0.543	ug/L	# 1
33) Benzene	5.771	78	20277	3.535	ug/L	100
51) Chlorobenzene	9.443	112	42308	9.447	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	19934	5.658	ug/L	94
67) 1,2-Dichlorobenzene	12.208	146	11175	3.244	ug/L	96

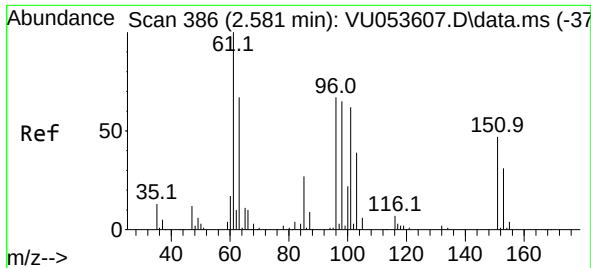
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.543 ug/L

RT: 2.559 min Scan# 31

Delta R.T. -0.023 min

Lab File: VU053621.D

Acq: 10 Apr 2023 18:25

Instrument :

MSVOA_U

ClientSampleId :

C0MD6

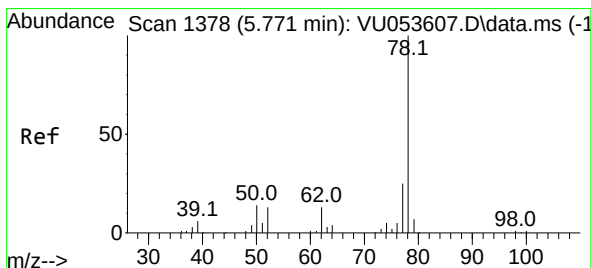
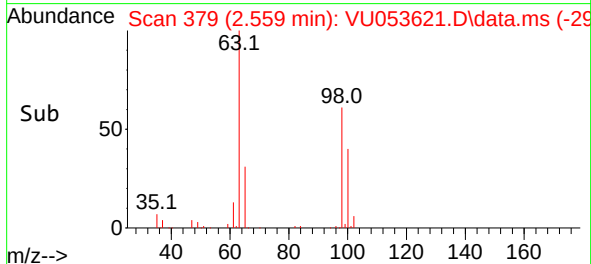
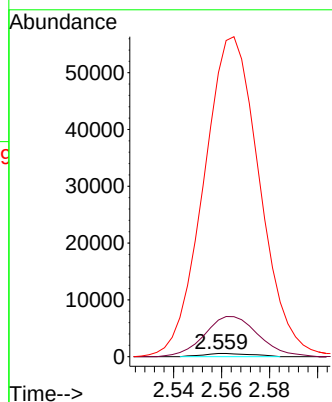
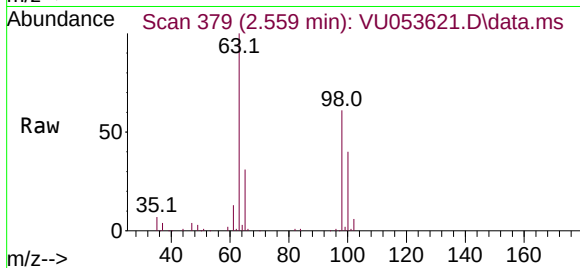
Tgt Ion: 96 Resp: 806

Ion Ratio Lower Upper

96 100

61 1154.2 107.9 200.5#

63 8946.0 79.1 146.9#



#33

Benzene

Concen: 3.535 ug/L

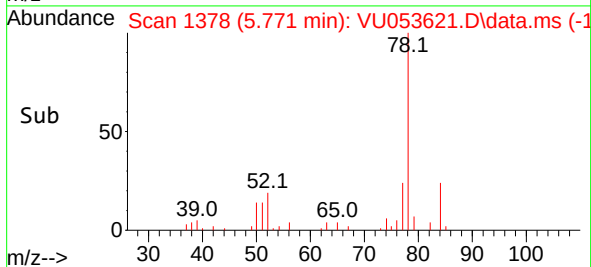
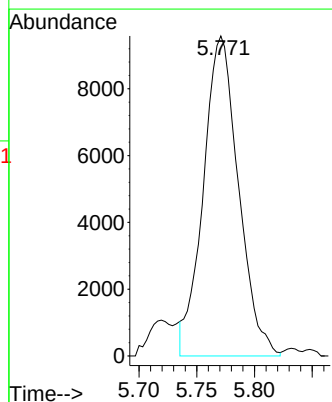
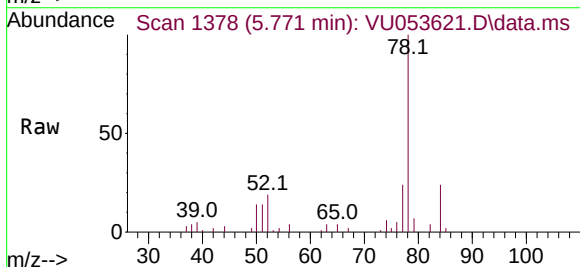
RT: 5.771 min Scan# 1378

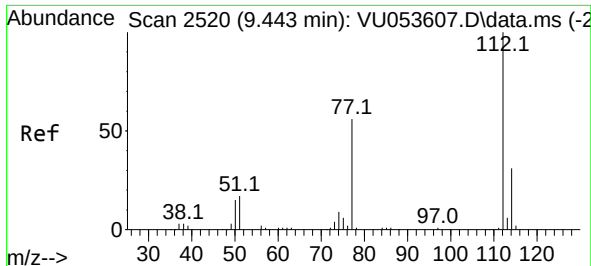
Delta R.T. -0.000 min

Lab File: VU053621.D

Acq: 10 Apr 2023 18:25

Tgt Ion: 78 Resp: 20277

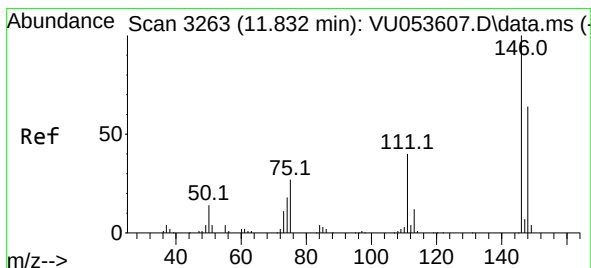
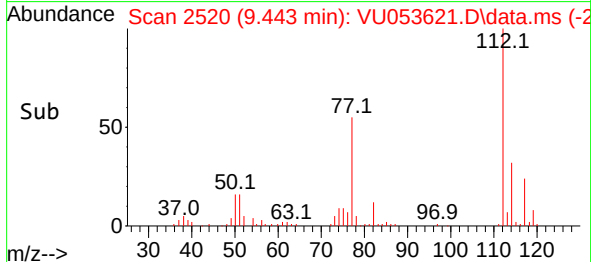
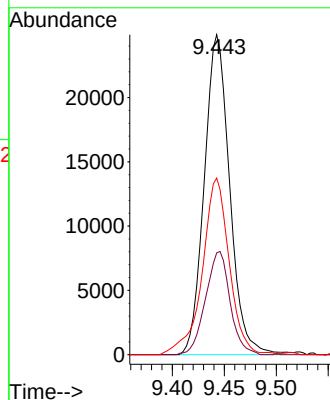
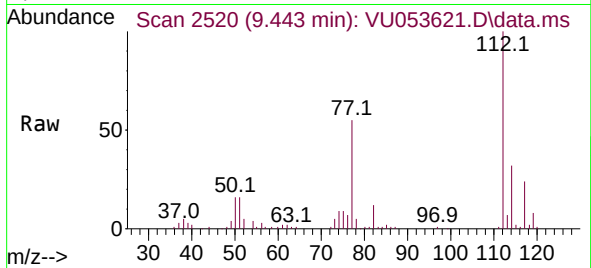




#51
Chlorobenzene
Concen: 9.447 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
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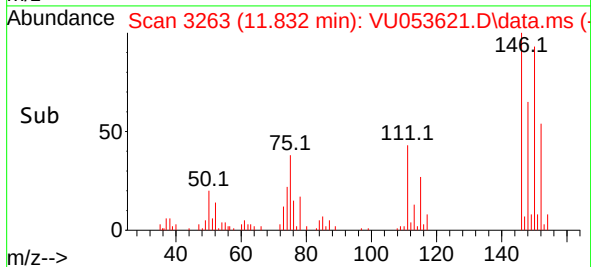
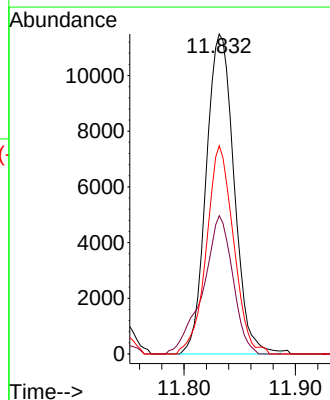
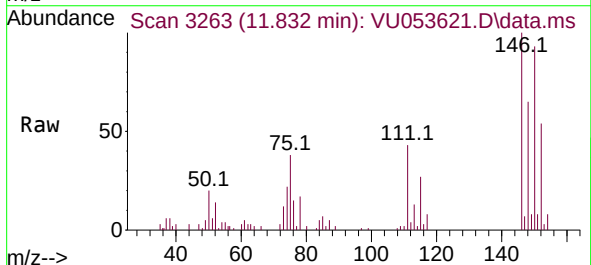
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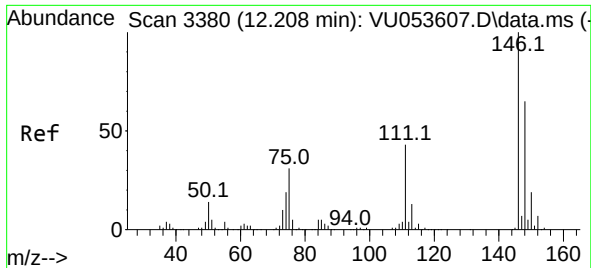
Tgt Ion:112 Resp: 42308
Ion Ratio Lower Upper
112 100
114 31.8 22.2 41.2
77 55.2 41.3 61.9



#65
1,4-Dichlorobenzene
Concen: 5.658 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU053621.D
Acq: 10 Apr 2023 18:25

Tgt Ion:146 Resp: 19934
Ion Ratio Lower Upper
146 100
111 43.2 25.1 46.5
148 65.0 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 3.244 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053621.D

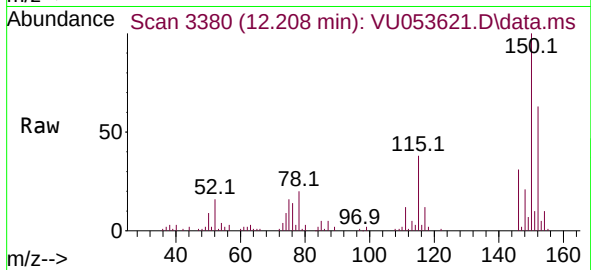
Acq: 10 Apr 2023 18:25

Instrument :

MSVOA_U

ClientSampleId :

C0MD6



Tgt Ion:146 Resp: 11175

Ion Ratio Lower Upper

146 100

111 39.8 31.5 47.3

148 68.7 51.6 77.4

