

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
 Data File : VU053623.D
 Acq On : 10 Apr 2023 19:12
 Operator : JC/MD
 Sample : 02251-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMD8

Quant Time: Apr 11 02:24:26 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)

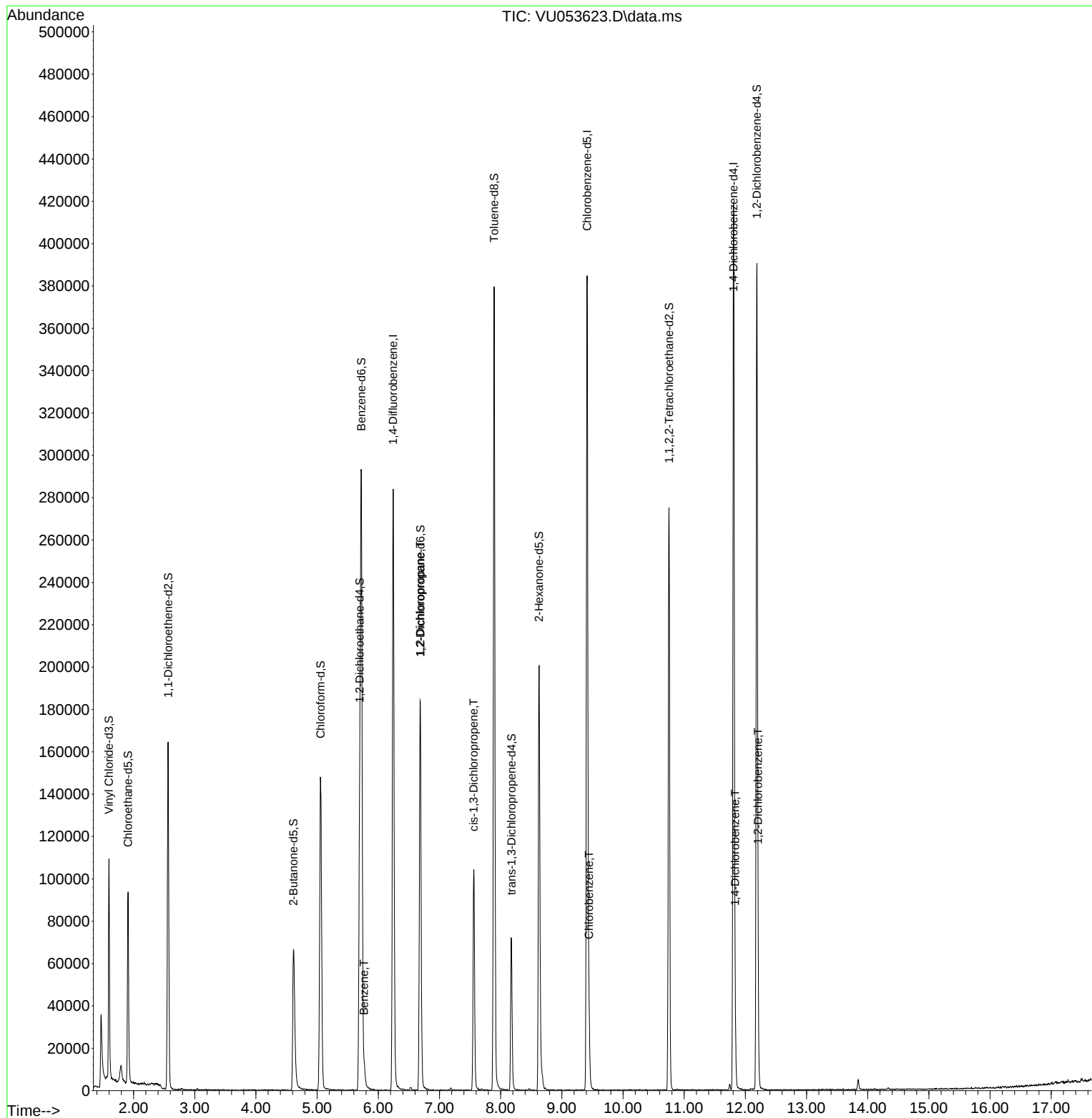
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	246348	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	225100	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	111506	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75797	39.514	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.020%		
7) Chloroethane-d5	1.909	69	67257	45.475	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.940%		
11) 1,1-Dichloroethene-d2	2.565	63	91668	30.872	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.740%		
21) 2-Butanone-d5	4.613	46	94967	109.348	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	109.350%		
24) Chloroform-d	5.057	84	138776	43.745	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.480%		
26) 1,2-Dichloroethane-d4	5.697	65	88470	47.195	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.380%		
32) Benzene-d6	5.723	84	284999	46.905	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.820%		
36) 1,2-Dichloropropane-d6	6.687	67	91667	49.358	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.720%		
41) Toluene-d8	7.893	98	260767	43.180	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.360%		
43) trans-1,3-Dichloroprop...	8.176	79	42075	43.889	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.780%		
47) 2-Hexanone-d5	8.626	63	72302	114.071	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	114.070%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	131956	50.411	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.820%		
66) 1,2-Dichlorobenzene-d4	12.189	152	107640	46.246	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.500%		
Target Compounds					Qvalue	
33) Benzene	5.768	78	9566	1.631	ug/L	100
37) 1,2-Dichloropropane	6.684	63	9525	6.396	ug/L #	86
39) cis-1,3-Dichloropropene	7.559	75	2700	1.110	ug/L #	75
51) Chlorobenzene	9.443	112	18746	4.094	ug/L	95
65) 1,4-Dichlorobenzene	11.832	146	12669	3.608	ug/L	95
67) 1,2-Dichlorobenzene	12.208	146	6673	1.944	ug/L	92

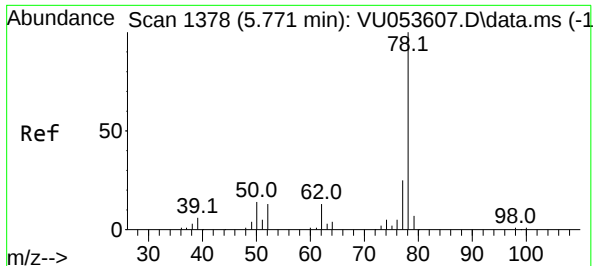
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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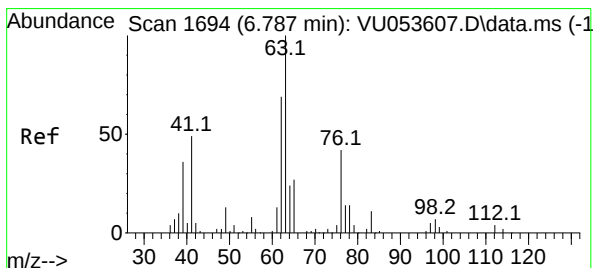
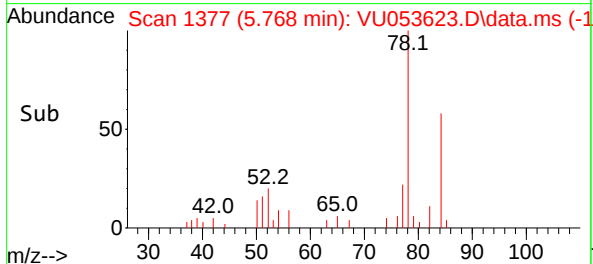
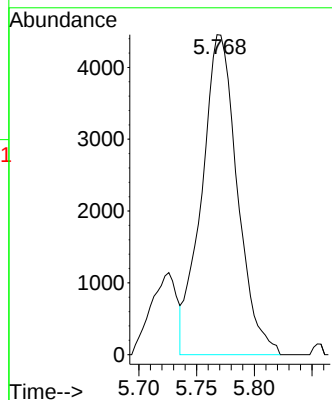
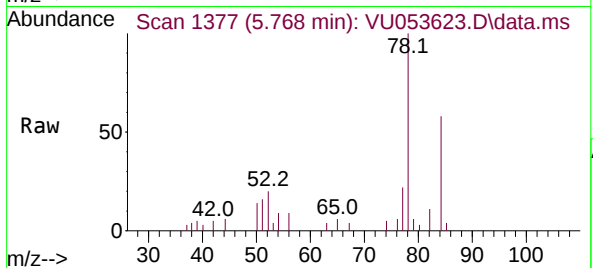




#33
Benzene
Concen: 1.631 ug/L
RT: 5.768 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053623.D
Acq: 10 Apr 2023 19:12

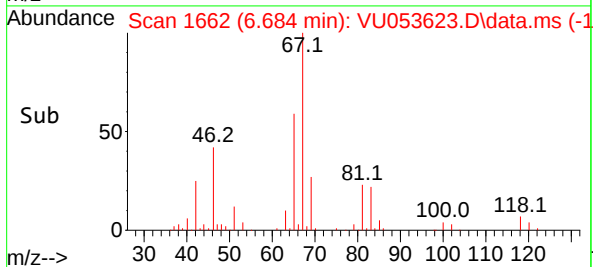
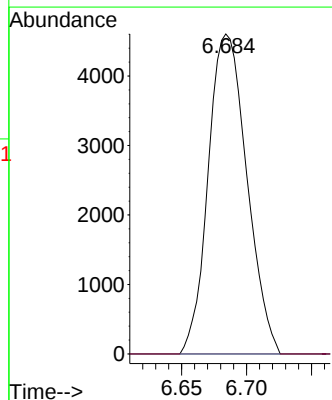
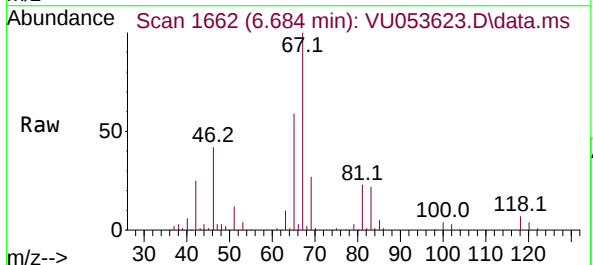
Instrument :
MSVOA_U
ClientSampleId :
COMD8

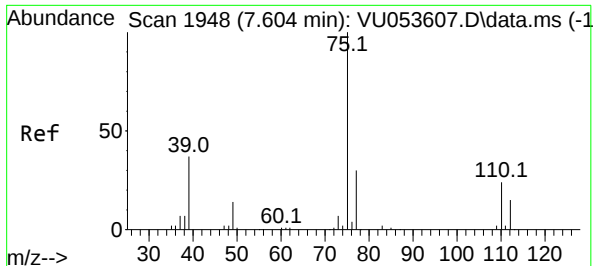
Tgt Ion: 78 Resp: 9566



#37
1,2-Dichloropropane
Concen: 6.396 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU053623.D
Acq: 10 Apr 2023 19:12

Tgt Ion: 63 Resp: 9525
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.110 ug/L

RT: 7.559 min Scan# 1948

Delta R.T. -0.045 min

Lab File: VU053623.D

Acq: 10 Apr 2023 19:12

Instrument :

MSVOA_U

ClientSampleId :

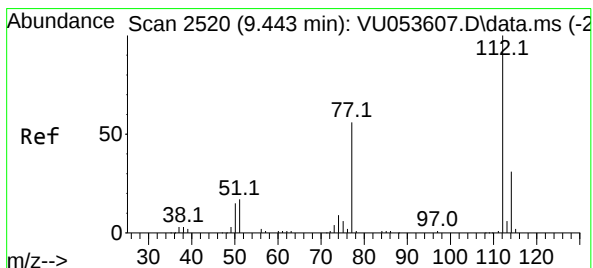
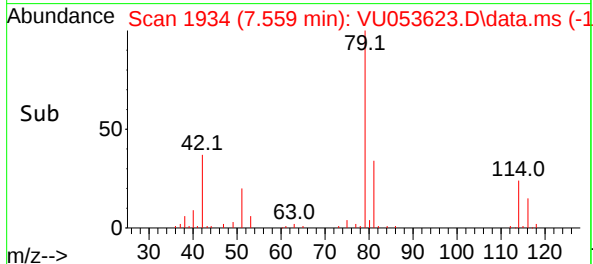
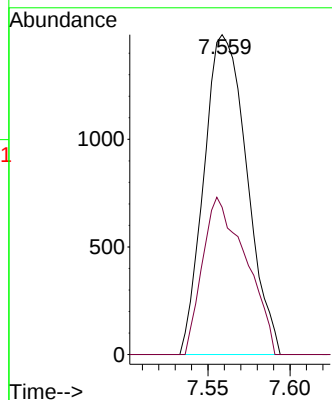
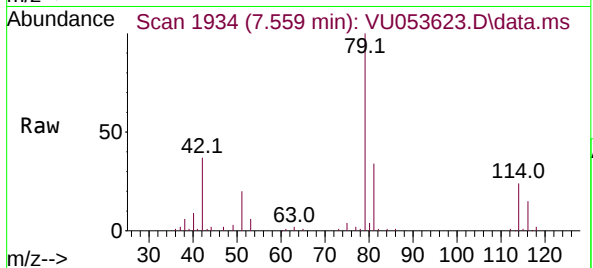
COMD8

Tgt Ion: 75 Resp: 2700

Ion Ratio Lower Upper

75 100

77 46.0 22.5 41.7#



#51

Chlorobenzene

Concen: 4.094 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU053623.D

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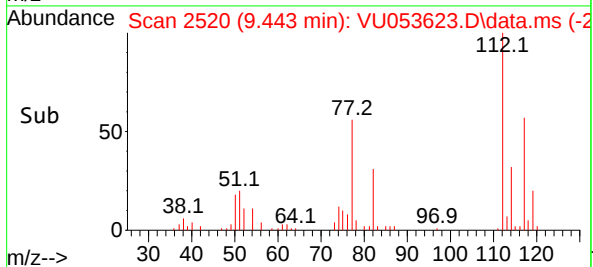
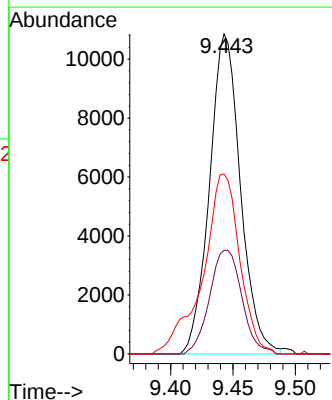
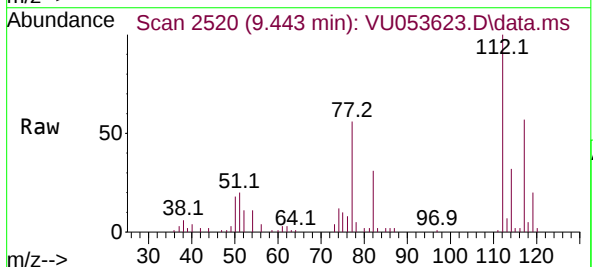
Tgt Ion: 112 Resp: 18746

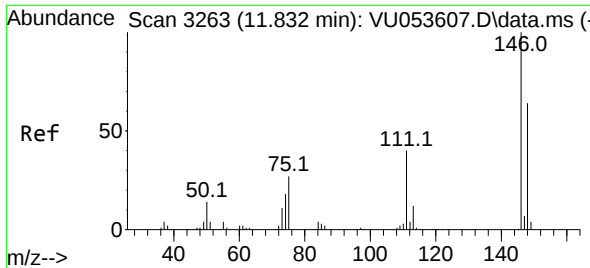
Ion Ratio Lower Upper

112 100

114 32.4 22.2 41.2

77 56.3 41.3 61.9

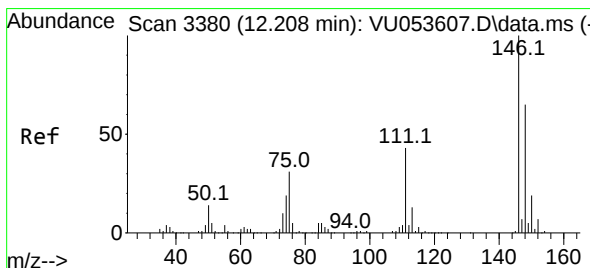
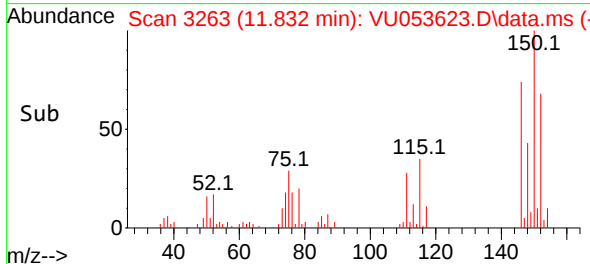
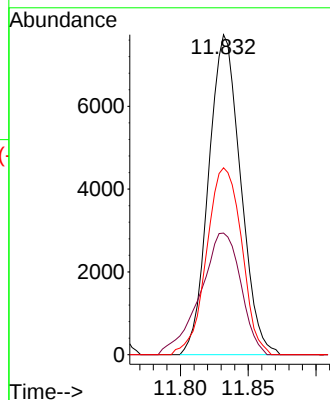
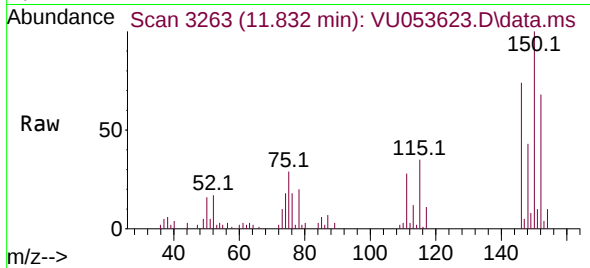




#65
1,4-Dichlorobenzene
Concen: 3.608 ug/L
RT: 11.832 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU053623.D
Acq: 10 Apr 2023 19:12

Instrument :
MSVOA_U
ClientSampleId :
COMD8

Tgt Ion:146 Resp: 12669
Ion Ratio Lower Upper
146 100
111 38.0 25.1 46.5
148 58.4 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 1.944 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU053623.D
Acq: 10 Apr 2023 19:12

Tgt Ion:146 Resp: 6673
Ion Ratio Lower Upper
146 100
111 44.9 31.5 47.3
148 70.2 51.6 77.4

