

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041123\
 Data File : VU053648.D
 Acq On : 11 Apr 2023 20:20
 Operator : JC/MD
 Sample : 02252-08 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COME4

Quant Time: Apr 12 02:27:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 12 02:22:37 2023
 Response via : Initial Calibration

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

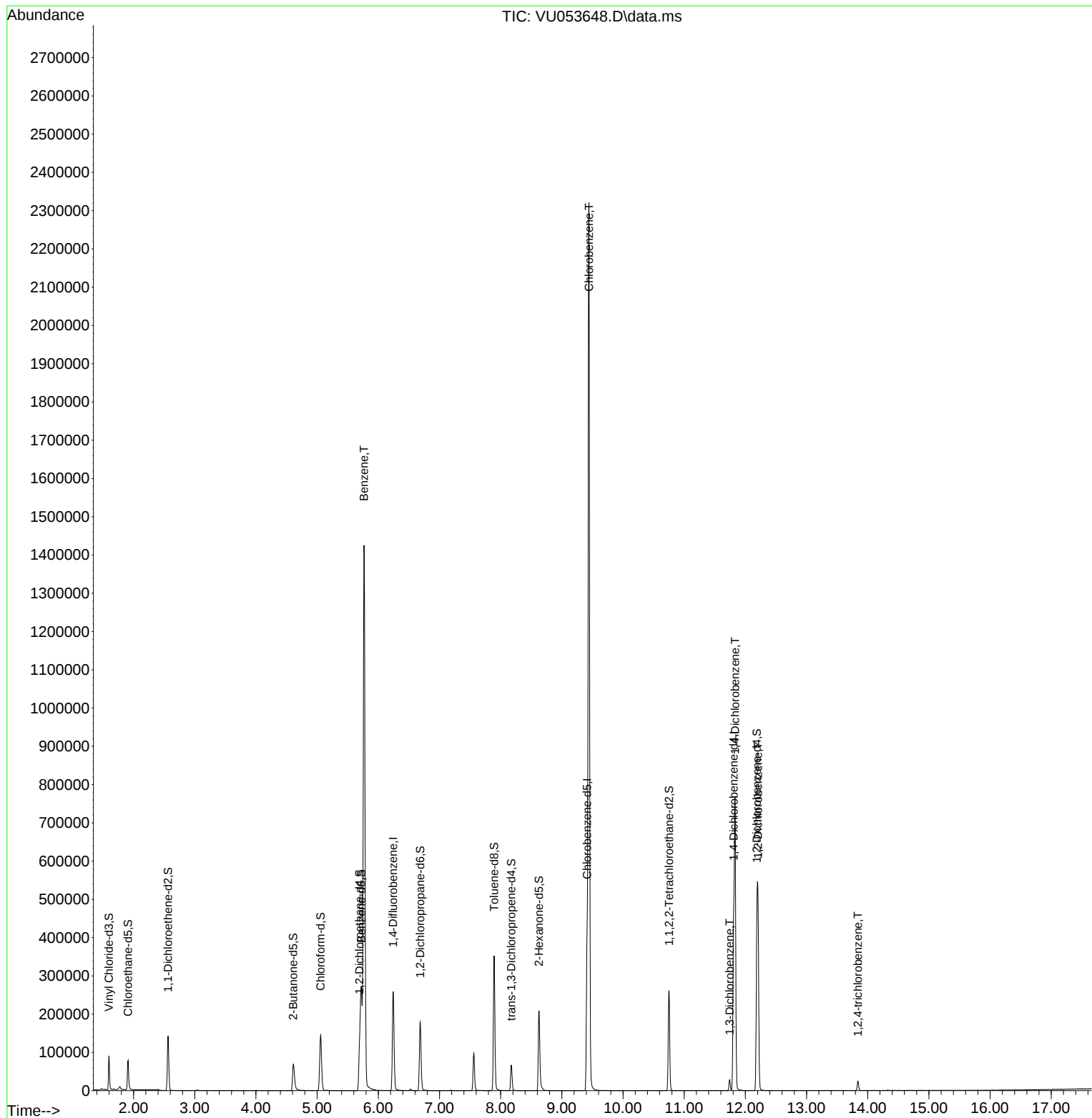
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	219880	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	211285	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	110773	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	66111	38.614	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.220%
7) Chloroethane-d5	1.909	69	61158	46.329	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.660%
11) 1,1-Dichloroethene-d2	2.562	63	83927	31.667	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.340%
21) 2-Butanone-d5	4.610	46	97429	125.687	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.690%
24) Chloroform-d	5.057	84	131999	46.617	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.240%
26) 1,2-Dichloroethane-d4	5.694	65	84784	50.673	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.340%
32) Benzene-d6	5.722	84	263159	46.143	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.280%
36) 1,2-Dichloropropane-d6	6.684	67	86251	49.479	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.960%
41) Toluene-d8	7.893	98	245222	43.261	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.520%
43) trans-1,3-Dichloroprop...	8.173	79	39687	44.105	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.220%
47) 2-Hexanone-d5	8.626	63	75281	126.537	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.540%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	129473	52.697	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	103707	44.852	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.700%
Target Compounds						
					Qvalue	
33) Benzene	5.768	78	1399265	254.185	ug/L	100
51) Chlorobenzene	9.443	112	1287886	299.629	ug/L	96
64) 1,3-Dichlorobenzene	11.742	146	11653	3.405	ug/L	86
65) 1,4-Dichlorobenzene	11.832	146	300173	86.064	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	173324	50.818	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	8441	3.593	ug/L	98

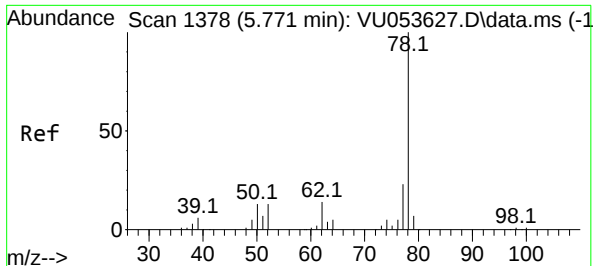
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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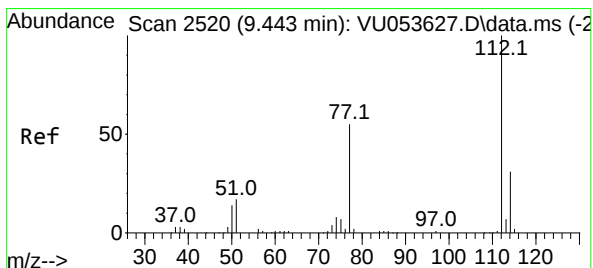
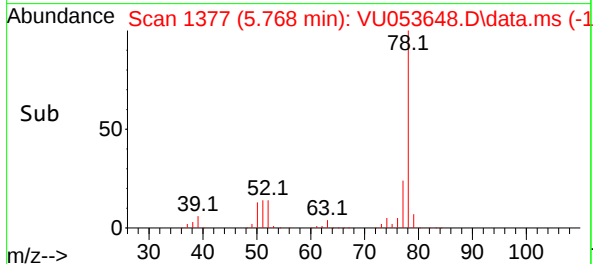
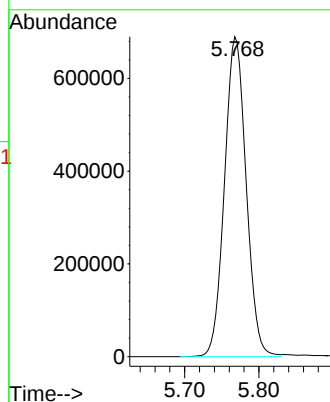
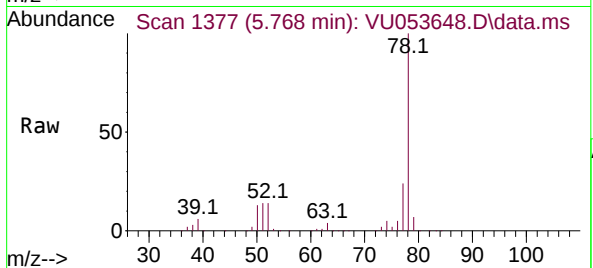




#33
Benzene
Concen: 254.185 ug/L
RT: 5.768 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053648.D
Acq: 11 Apr 2023 20:20

Instrument :
MSVOA_U
ClientSampleId :
COME4

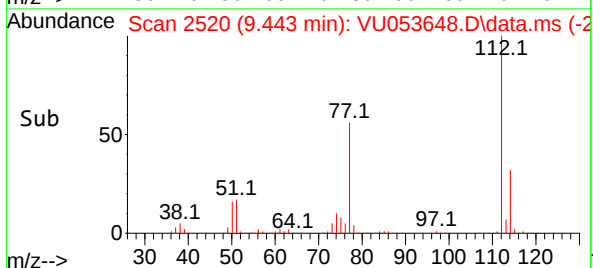
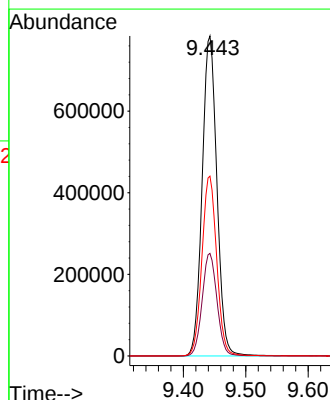
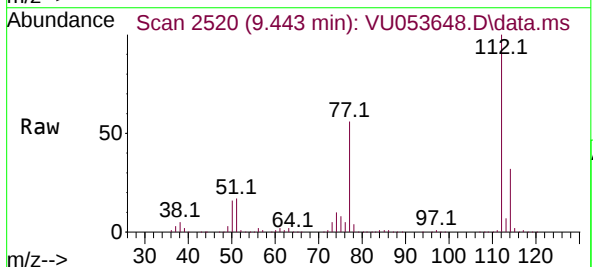
Tgt Ion: 78 Resp: 1399265

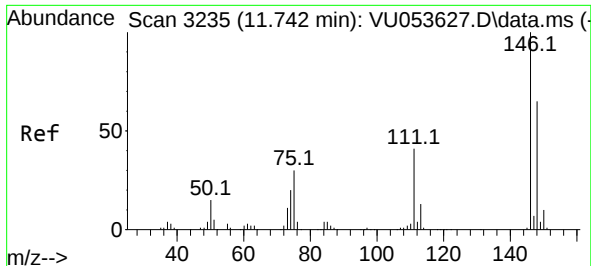


#51
Chlorobenzene
Concen: 299.629 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053648.D
Acq: 11 Apr 2023 20:20

Tgt Ion: 112 Resp: 1287886

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.2	41.2
77	56.2	41.3	61.9

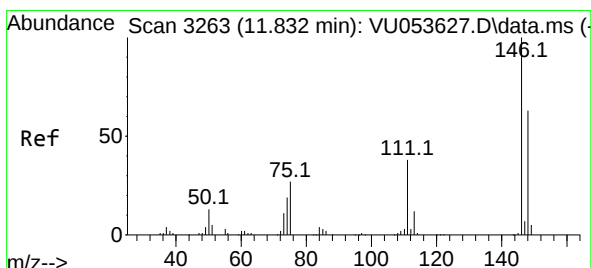
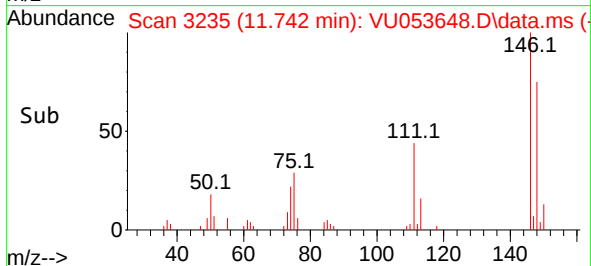
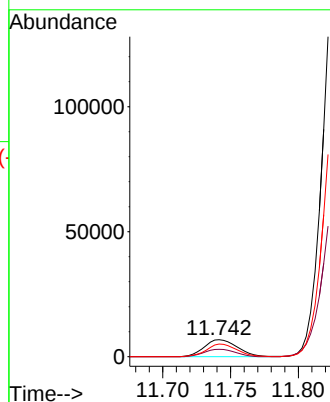
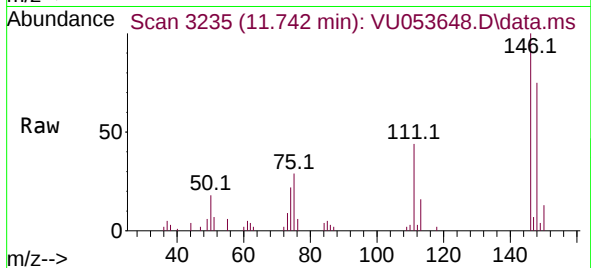




#64
1,3-Dichlorobenzene
Concen: 3.405 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053648.D
Acq: 11 Apr 2023 20:20

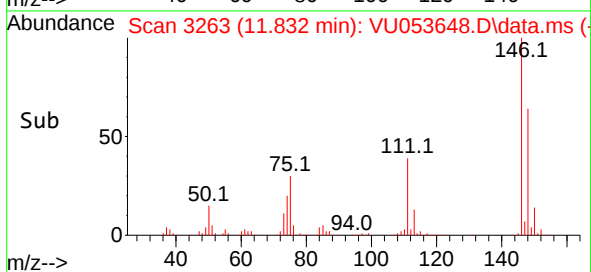
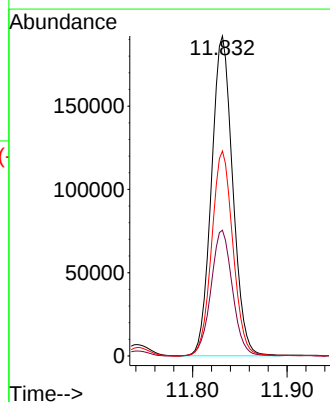
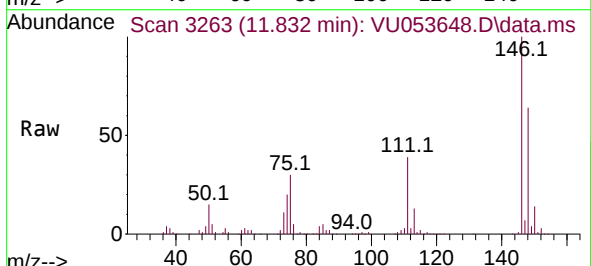
Instrument :
MSVOA_U
ClientSampleId :
COME4

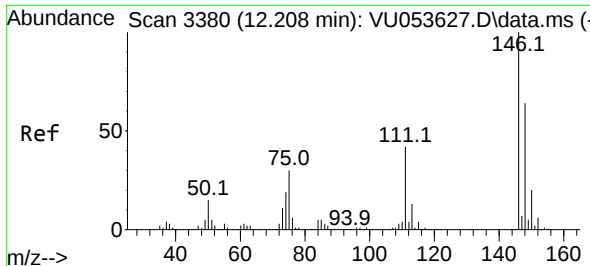
Tgt Ion:146 Resp: 11653
Ion Ratio Lower Upper
146 100
111 43.8 25.7 47.7
148 74.8 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 86.064 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU053648.D
Acq: 11 Apr 2023 20:20

Tgt Ion:146 Resp: 300173
Ion Ratio Lower Upper
146 100
111 39.3 25.1 46.5
148 64.1 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 50.818 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053648.D

Acq: 11 Apr 2023 20:20

Instrument :

MSVOA_U

ClientSampleId :

COME4

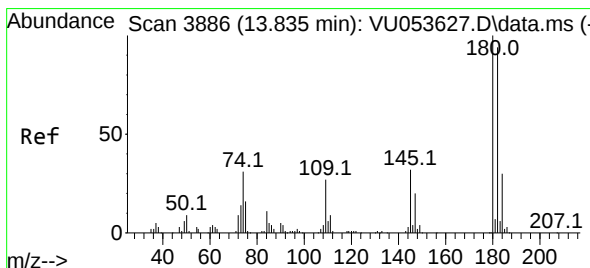
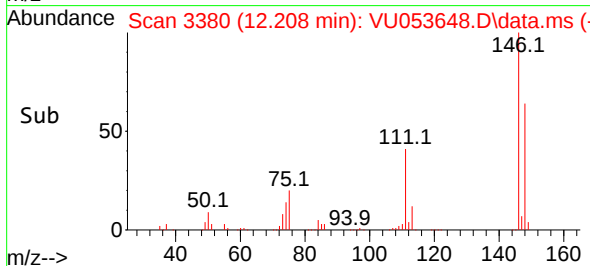
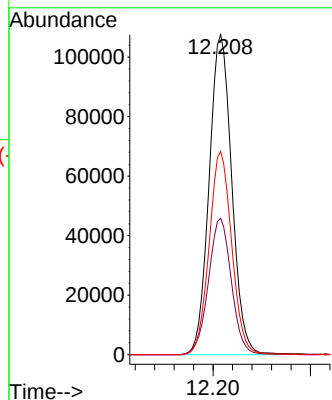
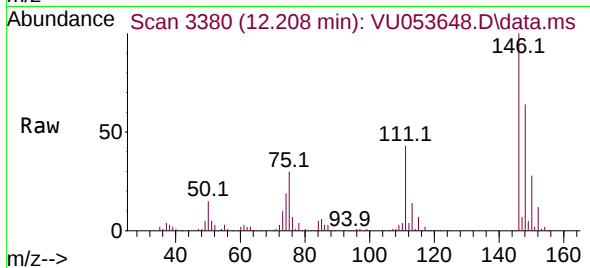
Tgt Ion:146 Resp: 173324

Ion Ratio Lower Upper

146 100

111 42.7 31.5 47.3

148 63.5 51.6 77.4



#70

1,2,4-trichlorobenzene

Concen: 3.593 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.003 min

Lab File: VU053648.D

Acq: 11 Apr 2023 20:20

Tgt Ion:180 Resp: 8441

Ion Ratio Lower Upper

180 100

182 95.5 75.8 113.8

145 32.5 23.4 35.2

