

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041223\
 Data File : VU053674.D
 Acq On : 12 Apr 2023 20:05
 Operator : JC/MD
 Sample : 02252-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COME5

Quant Time: Apr 13 01:44:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 13 01:39:36 2023
 Response via : Initial Calibration

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

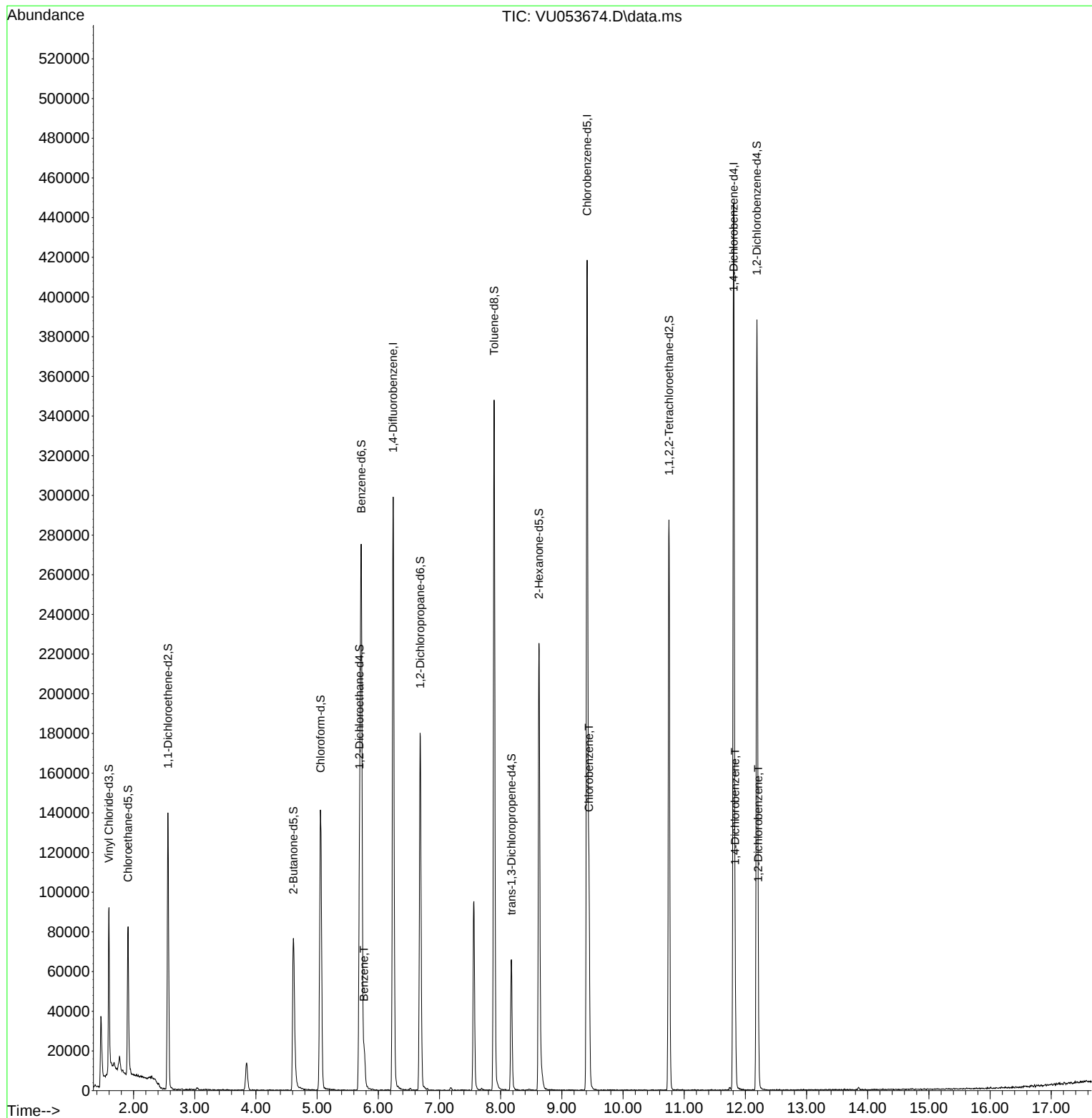
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	256817	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	246294	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	118575	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	62861	31.435	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.860%
7) Chloroethane-d5	1.909	69	58921	38.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.420%
11) 1,1-Dichloroethene-d2	2.562	63	77588	25.065	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.120%#
21) 2-Butanone-d5	4.613	46	108326	119.645	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.650%
24) Chloroform-d	5.057	84	133514	40.371	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.740%
26) 1,2-Dichloroethane-d4	5.694	65	88046	45.054	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.100%
32) Benzene-d6	5.723	84	263912	39.697	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.684	67	87225	42.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.840%
41) Toluene-d8	7.893	98	240116	36.339	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.680%#
43) trans-1,3-Dichloroprop...	8.176	79	39265	37.434	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.860%
47) 2-Hexanone-d5	8.626	63	80905	116.661	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.660%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	140792	49.158	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.320%
66) 1,2-Dichlorobenzene-d4	12.188	152	101236	40.902	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						
					Qvalue	
33) Benzene	5.768	78	18631	2.903	ug/L	100
51) Chlorobenzene	9.443	112	56299	11.236	ug/L	96
65) 1,4-Dichlorobenzene	11.832	146	20935	5.607	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	11649	3.191	ug/L	95

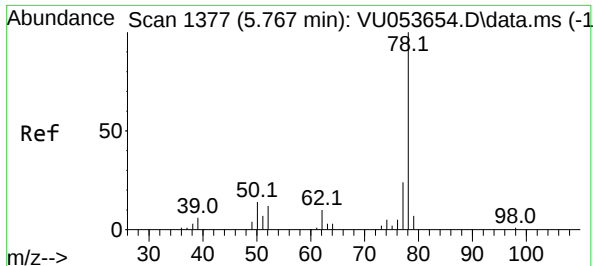
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 2.903 ug/L

RT: 5.768 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU053674.D

Acq: 12 Apr 2023 20:05

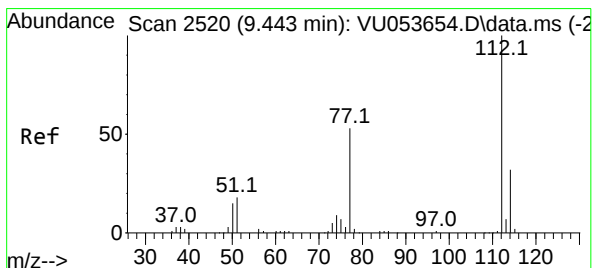
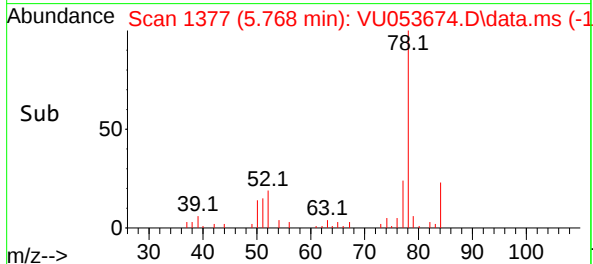
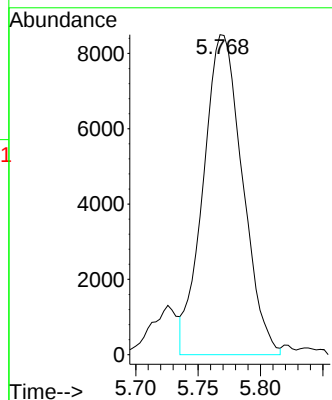
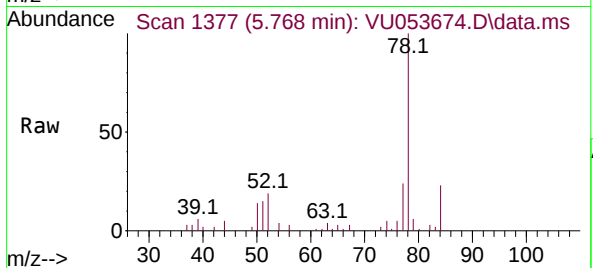
Instrument :

MSVOA_U

ClientSampleId :

COME5

Tgt Ion: 78 Resp: 18631



#51

Chlorobenzene

Concen: 11.236 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU053674.D

Acq: 12 Apr 2023 20:05

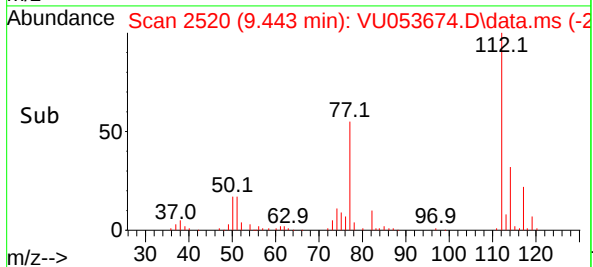
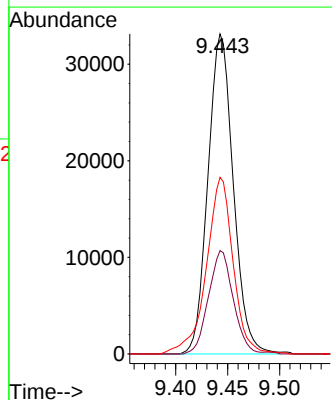
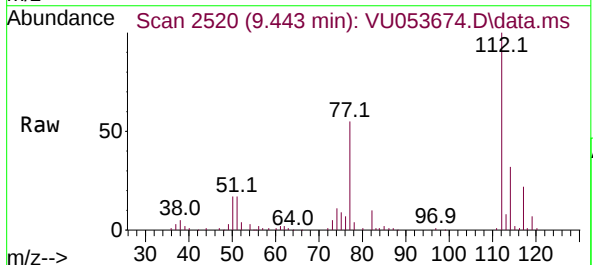
Tgt Ion: 112 Resp: 56299

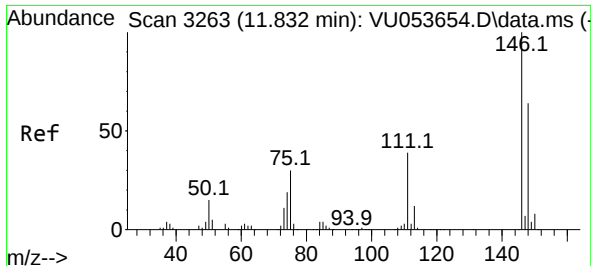
Ion Ratio Lower Upper

112 100

114 32.3 22.2 41.2

77 55.2 41.3 61.9

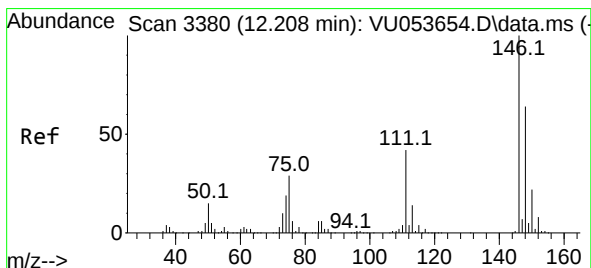
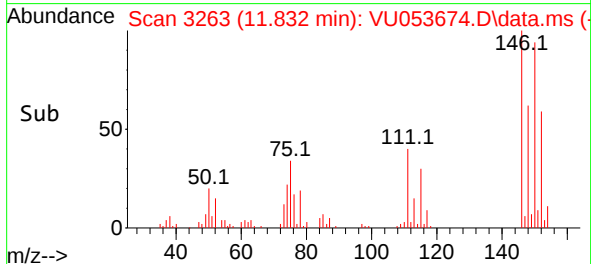
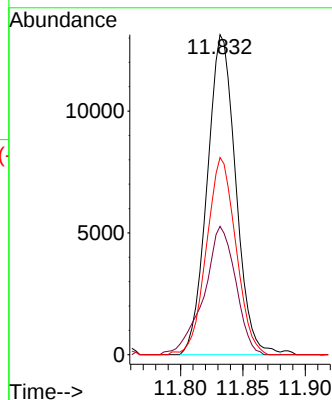
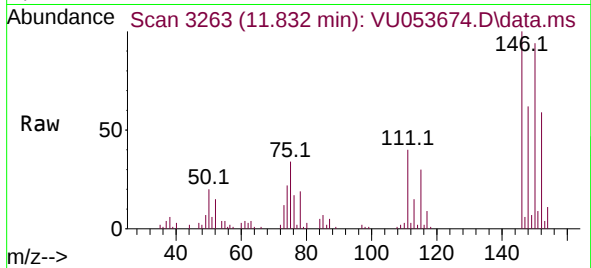




#65
1,4-Dichlorobenzene
Concen: 5.607 ug/L
RT: 11.832 min Scan# 31
Delta R.T. 0.000 min
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Instrument :
MSVOA_U
ClientSampleId :
COME5

Tgt Ion:146 Resp: 20935
Ion Ratio Lower Upper
146 100
111 40.1 25.1 46.5
148 61.6 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 3.191 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU053674.D
Acq: 12 Apr 2023 20:05

Tgt Ion:146 Resp: 11649
Ion Ratio Lower Upper
146 100
111 39.1 31.5 47.3
148 58.2 51.6 77.4

