

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
 Data File : VU053619.D
 Acq On : 10 Apr 2023 17:37
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK124

Quant Time: Apr 11 02:23:28 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)

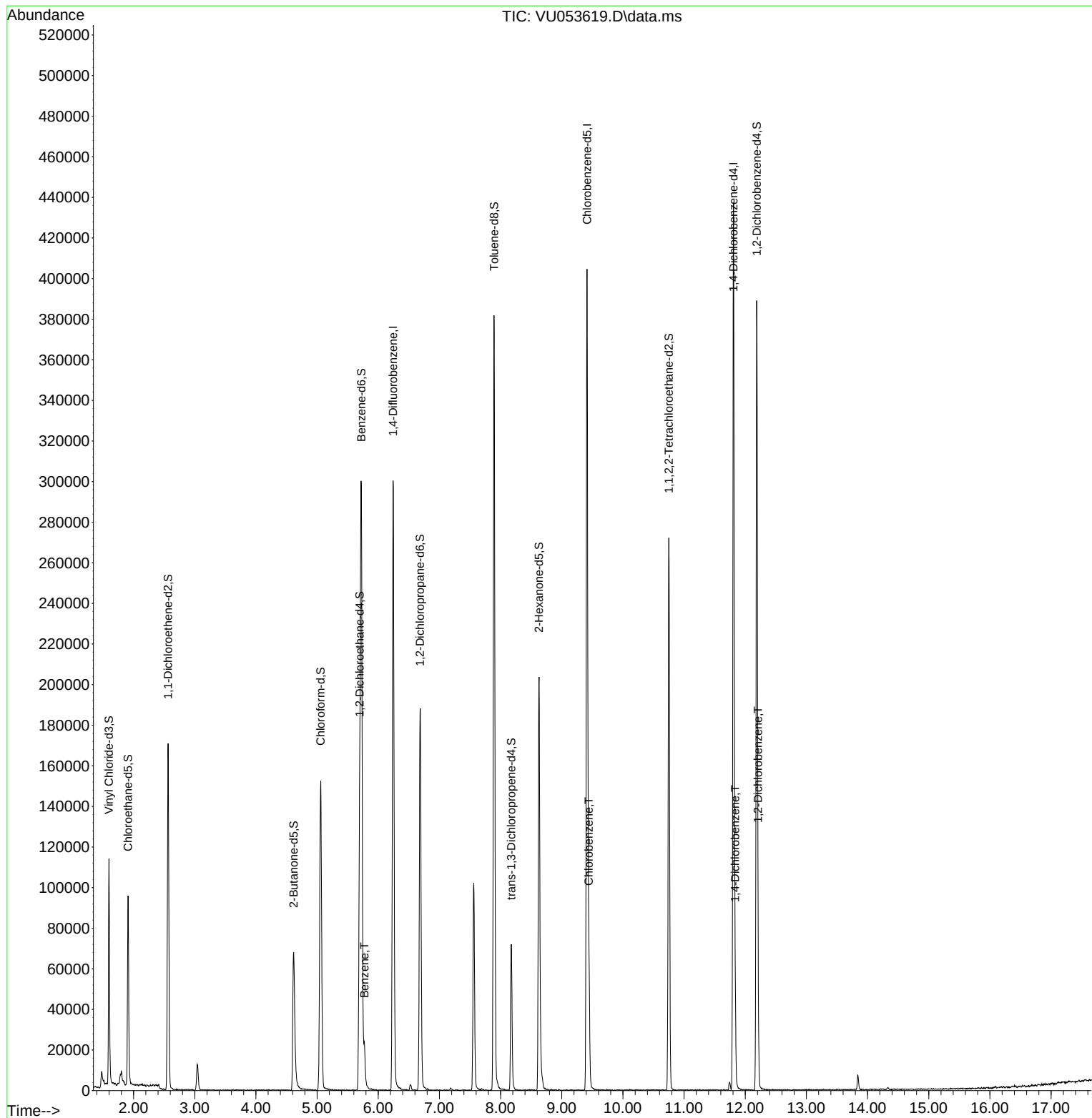
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	258392	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	236353	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	115553	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	80393	39.957	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.920%		
7) Chloroethane-d5	1.909	69	69948	45.090	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.180%		
11) 1,1-Dichloroethene-d2	2.565	63	97773	31.393	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.780%		
21) 2-Butanone-d5	4.616	46	98286	107.895	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.890%		
24) Chloroform-d	5.057	84	142120	42.711	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.420%		
26) 1,2-Dichloroethane-d4	5.697	65	91543	46.558	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.120%		
32) Benzene-d6	5.722	84	291158	45.637	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.280%		
36) 1,2-Dichloropropane-d6	6.684	67	92448	47.409	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.820%		
41) Toluene-d8	7.893	98	267435	42.176	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.360%		
43) trans-1,3-Dichloroprop...	8.176	79	43772	43.486	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.980%		
47) 2-Hexanone-d5	8.629	63	74147	111.413	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.410%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	133238	48.478	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.960%		
66) 1,2-Dichlorobenzene-d4	12.188	152	103820	43.043	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.080%		
Target Compounds					Qvalue	
33) Benzene	5.774	78	19736	3.205	ug/L	100
51) Chlorobenzene	9.443	112	35066	7.293	ug/L	94
65) 1,4-Dichlorobenzene	11.835	146	21675	5.957	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	11528	3.240	ug/L	95

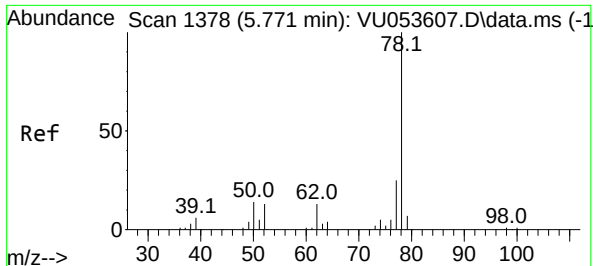
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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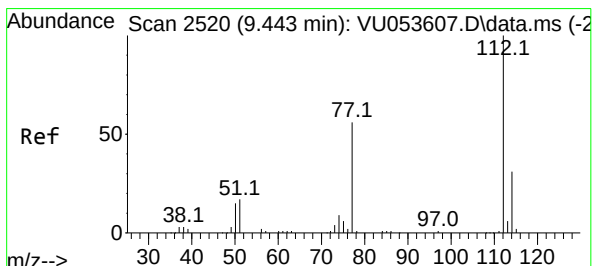
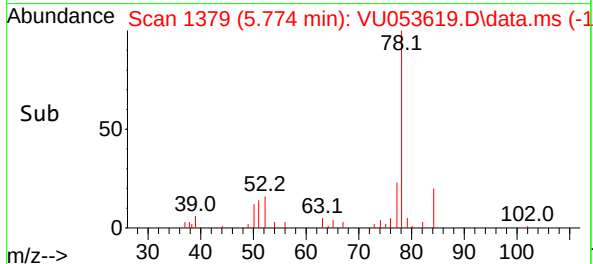
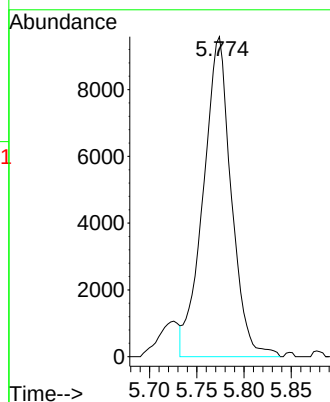
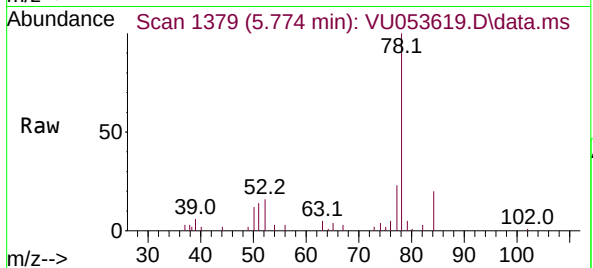




#33
Benzene
Concen: 3.205 ug/L
RT: 5.774 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU053619.D
Acq: 10 Apr 2023 17:37

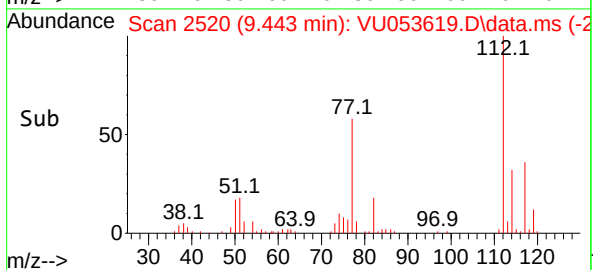
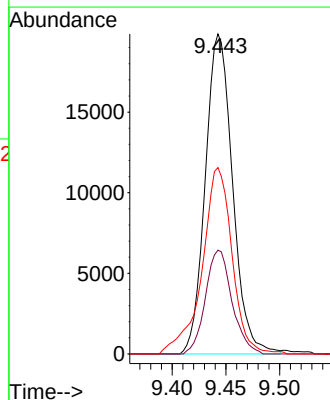
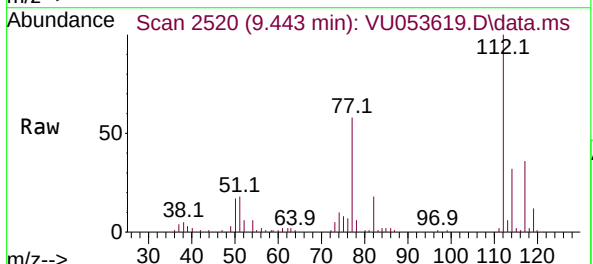
Instrument :
MSVOA_U
ClientSampleId :
VIBLK124

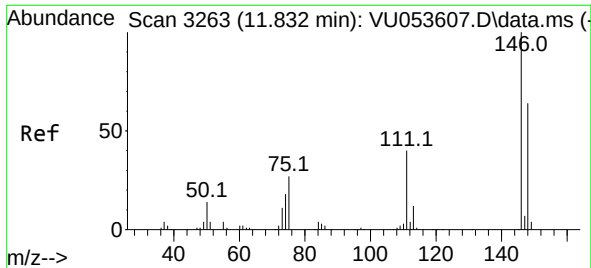
Tgt Ion: 78 Resp: 19736



#51
Chlorobenzene
Concen: 7.293 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053619.D
Acq: 10 Apr 2023 17:37

Tgt Ion: 112 Resp: 35066
Ion Ratio Lower Upper
112 100
114 32.5 22.2 41.2
77 58.3 41.3 61.9

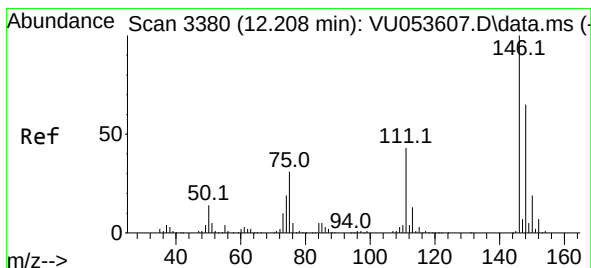
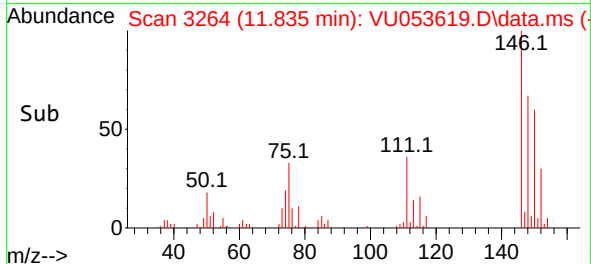
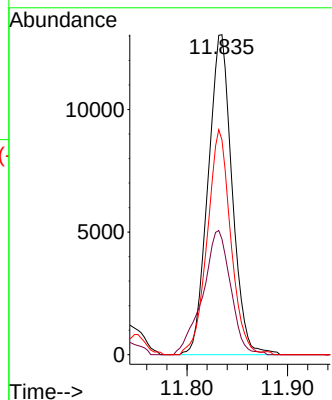
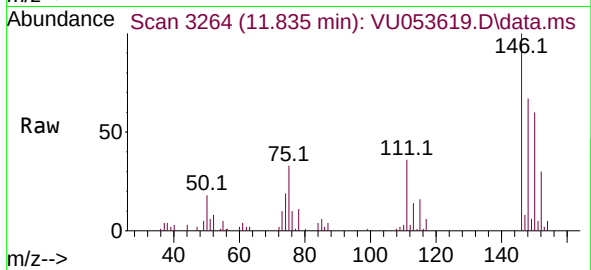




#65
1,4-Dichlorobenzene
Concen: 5.957 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053619.D
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Tgt Ion:146 Resp: 21675
Ion Ratio Lower Upper
146 100
111 36.1 25.1 46.5
148 67.1 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 3.240 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU053619.D
Acq: 10 Apr 2023 17:37

Tgt Ion:146 Resp: 11528
Ion Ratio Lower Upper
146 100
111 42.4 31.5 47.3
148 60.4 51.6 77.4

