

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
 Data File : VU053624.D
 Acq On : 10 Apr 2023 19:59
 Operator : JC/MD
 Sample : VIBLK125
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK125

Quant Time: Apr 11 02:24:39 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)

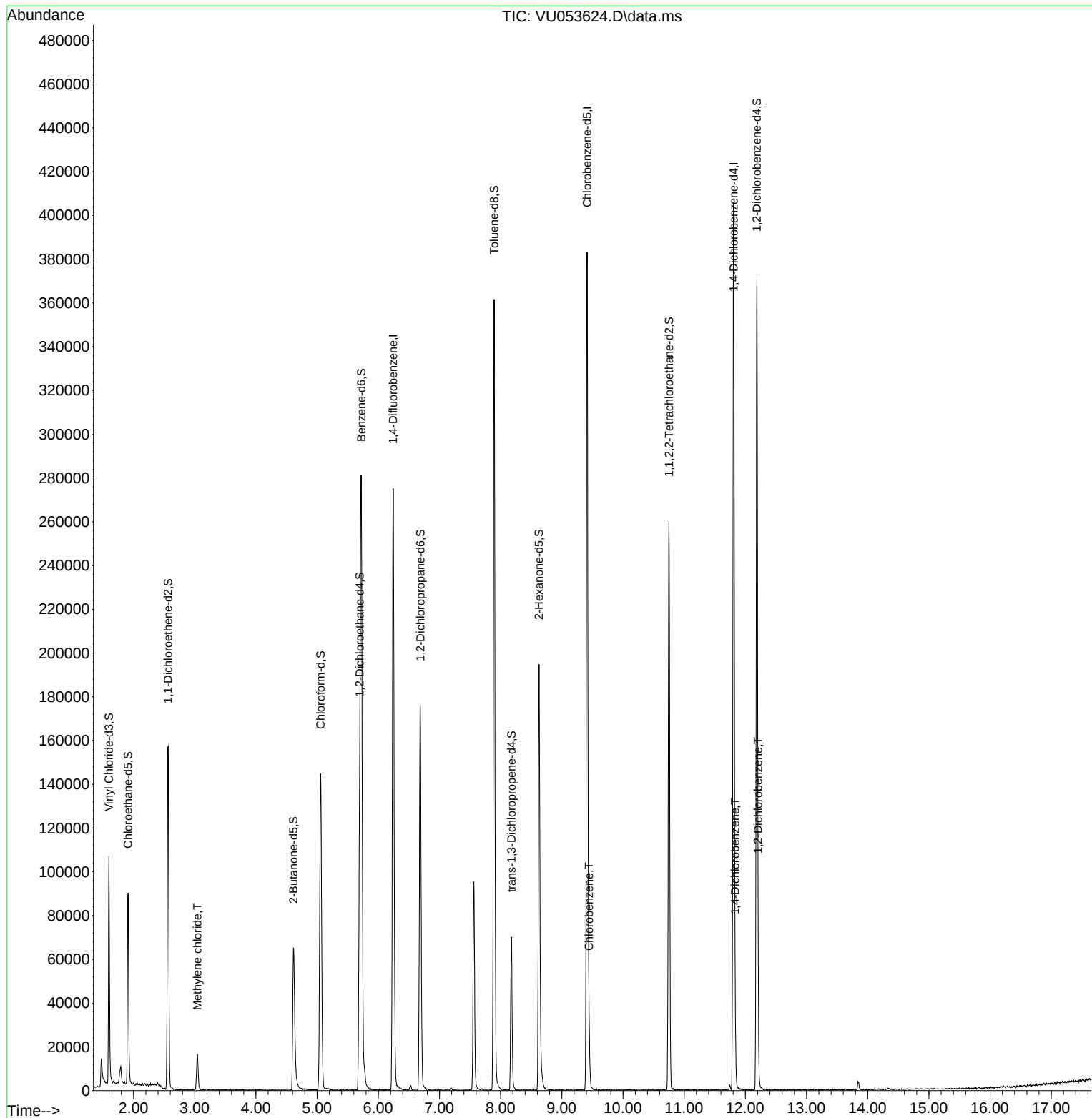
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	236535	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	222672	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	110101	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75711	41.107	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.220%
7) Chloroethane-d5	1.909	69	67557	47.573	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.140%
11) 1,1-Dichloroethene-d2	2.562	63	91760	32.185	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.360%
21) 2-Butanone-d5	4.613	46	90947	109.064	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.060%
24) Chloroform-d	5.057	84	135486	44.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.960%
26) 1,2-Dichloroethane-d4	5.697	65	88748	49.307	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.620%
32) Benzene-d6	5.723	84	273741	45.544	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.080%
36) 1,2-Dichloropropane-d6	6.687	67	87834	47.810	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.620%
41) Toluene-d8	7.893	98	251786	42.147	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.300%
43) trans-1,3-Dichloroprop...	8.176	79	40184	42.374	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.740%
47) 2-Hexanone-d5	8.626	63	70258	112.055	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.060%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	128067	49.459	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.920%
66) 1,2-Dichlorobenzene-d4	12.189	152	99349	43.229	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.460%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.041	84	8254	5.060	ug/L	93
51) Chlorobenzene	9.443	112	14853	3.279	ug/L	93
65) 1,4-Dichlorobenzene	11.832	146	10564	3.047	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	5435	1.603	ug/L	94

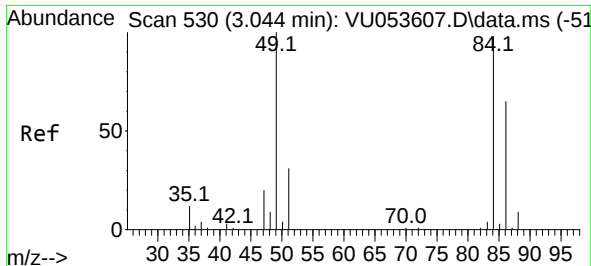
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VIBLK125

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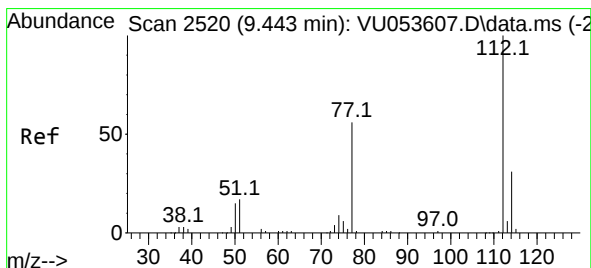
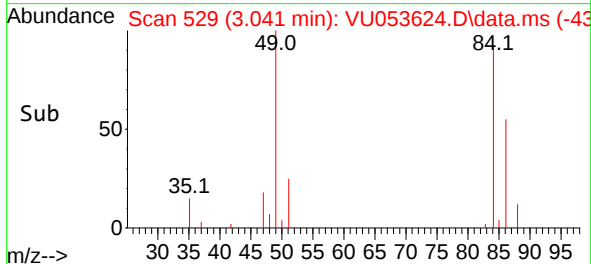
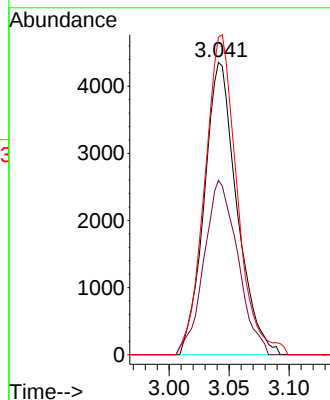
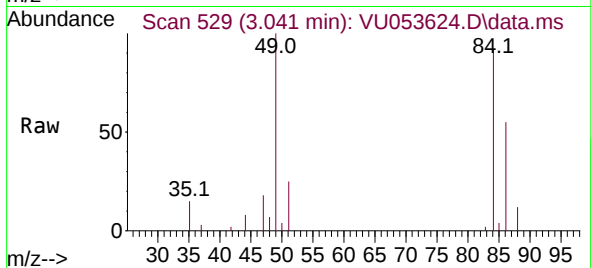




#16
Methylene chloride
Concen: 5.060 ug/L
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU053624.D
Acq: 10 Apr 2023 19:59

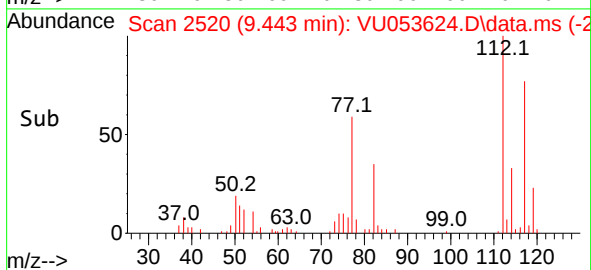
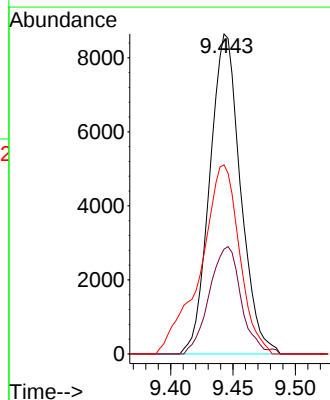
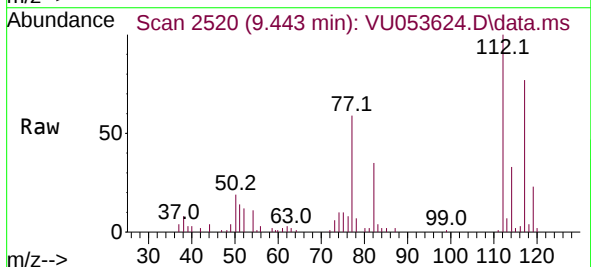
Instrument :
MSVOA_U
ClientSampleId :
VIBLK125

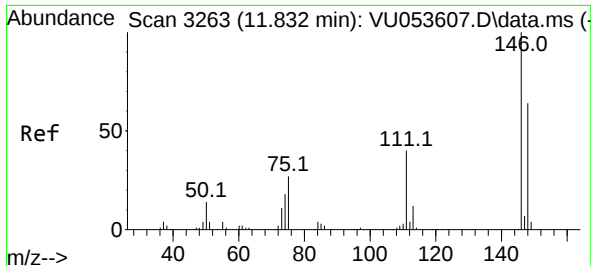
Tgt Ion: 84	Resp:	8254
Ion	Ratio	Lower Upper
84	100	
86	59.6	43.5 80.9
49	108.7	69.7 129.5



#51
Chlorobenzene
Concen: 3.279 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU053624.D
Acq: 10 Apr 2023 19:59

Tgt Ion: 112	Resp:	14853
Ion	Ratio	Lower Upper
112	100	
114	32.7	22.2 41.2
77	59.1	41.3 61.9

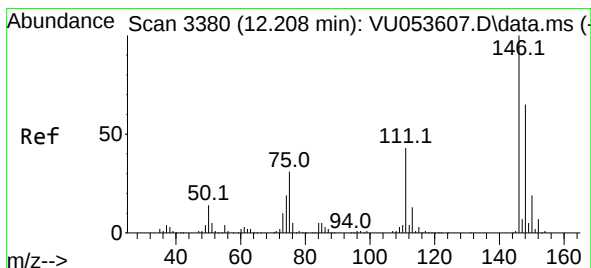
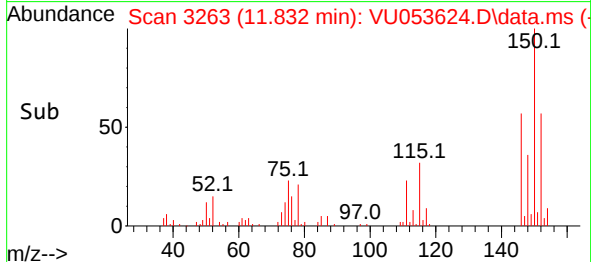
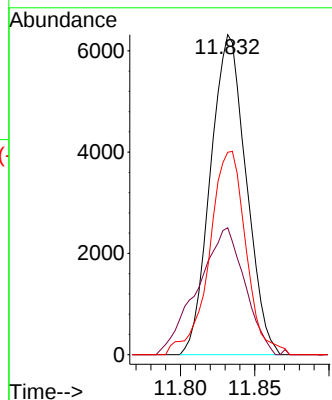
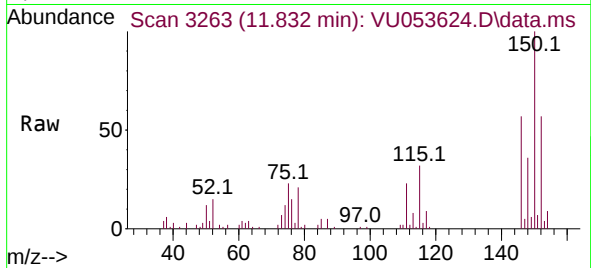




#65
1,4-Dichlorobenzene
Concen: 3.047 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU053624.D
Acq: 10 Apr 2023 19:59

Instrument :
MSVOA_U
ClientSampleId :
VIBLK125

Tgt Ion:146 Resp: 10564
Ion Ratio Lower Upper
146 100
111 39.6 25.1 46.5
148 63.2 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 1.603 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU053624.D
Acq: 10 Apr 2023 19:59

Tgt Ion:146 Resp: 5435
Ion Ratio Lower Upper
146 100
111 40.4 31.5 47.3
148 57.3 51.6 77.4

