

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062023\
 Data File : VU054628.D
 Acq On : 20 Jun 2023 22:25
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK164

Quant Time: Jun 21 04:07:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 21 04:02:18 2023
 Response via : Initial Calibration

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

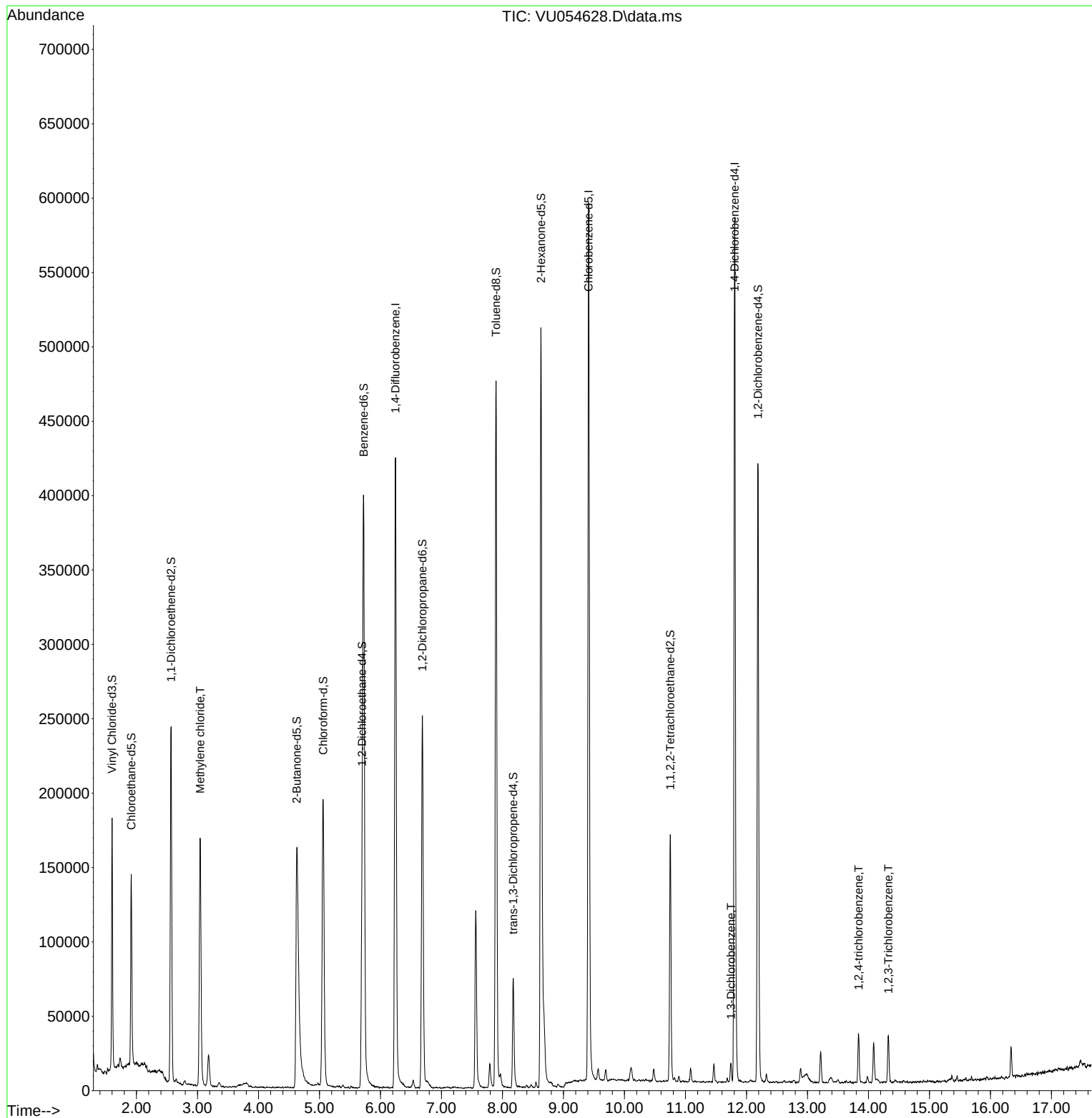
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	331343	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	316392	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	148744	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	121862	5.779	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.600%
7) Chloroethane-d5	1.914	69	94323	4.777	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.567	65	47392	5.032	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.600%
20) 2-Butanone-d5	4.628	46	268831	45.343	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.680%
24) Chloroform-d	5.059	84	182051	4.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
26) 1,2-Dichloroethane-d4	5.698	65	92998	4.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.724	84	372162	4.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.686	67	125566	4.275	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.895	98	315534	4.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.177	79	43522	4.261	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.631	63	169710	39.604	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.200%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	87048	3.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	106881	4.260	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.043	84	79293	2.346	ug/L	93
64) 1,3-Dichlorobenzene	11.746	146	5578	0.110	ug/L	90
70) 1,2,4-trichlorobenzene	13.840	180	10535	0.332	ug/L	93
72) 1,2,3-Trichlorobenzene	14.328	180	10462	0.384	ug/L	98

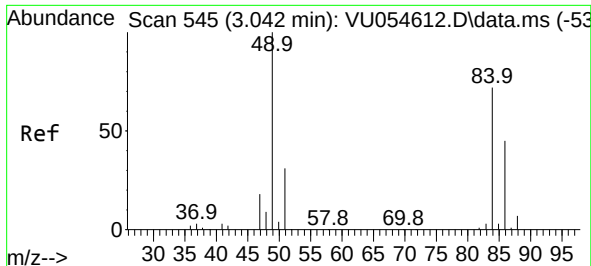
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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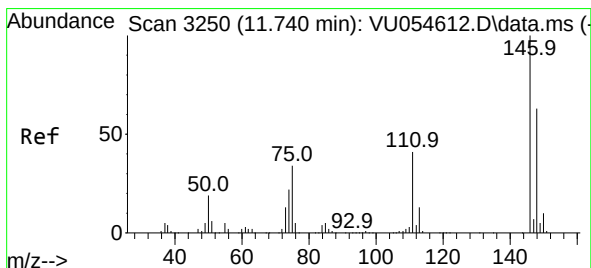
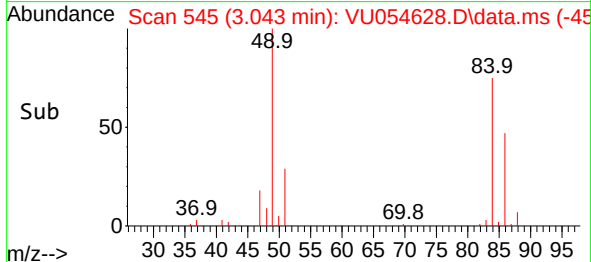
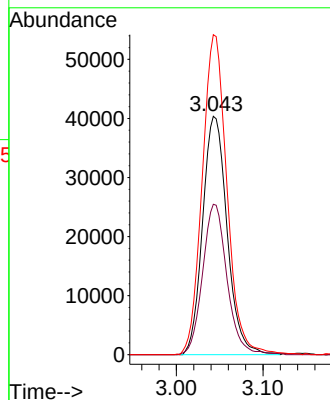
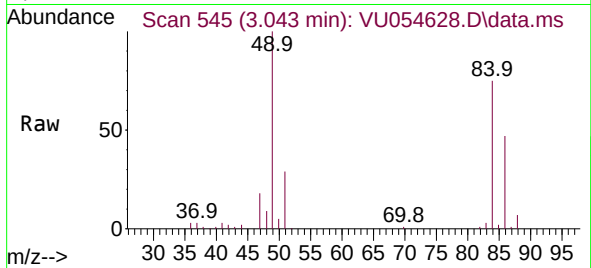




#16
Methylene chloride
Concen: 2.346 ug/L
RT: 3.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU054628.D
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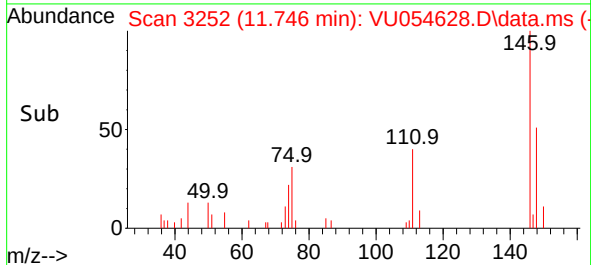
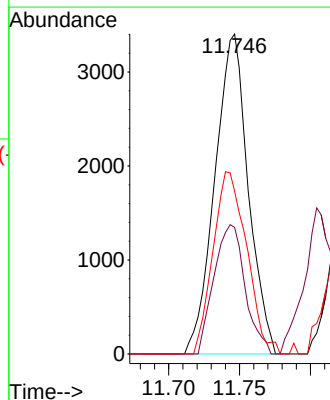
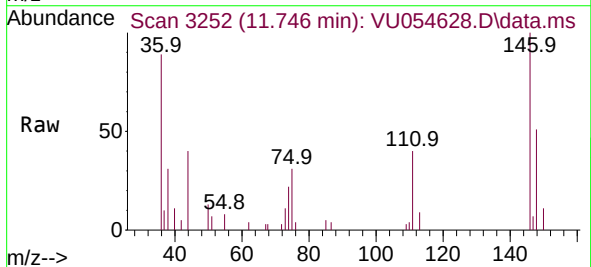
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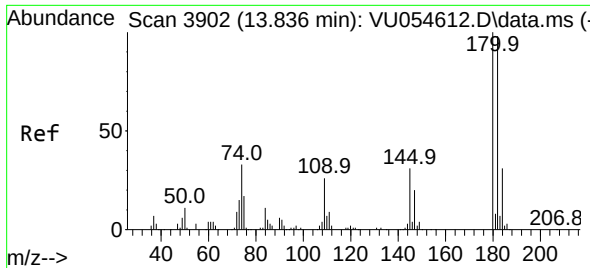
Tgt Ion: 84 Resp: 79293
Ion Ratio Lower Upper
84 100
86 63.1 43.9 81.5
49 134.2 86.1 159.9



#64
1,3-Dichlorobenzene
Concen: 0.110 ug/L
RT: 11.746 min Scan# 3252
Delta R.T. 0.007 min
Lab File: VU054628.D
Acq: 20 Jun 2023 22:25

Tgt Ion:146 Resp: 5578
Ion Ratio Lower Upper
146 100
111 39.5 28.9 53.7
148 50.9 44.0 81.8

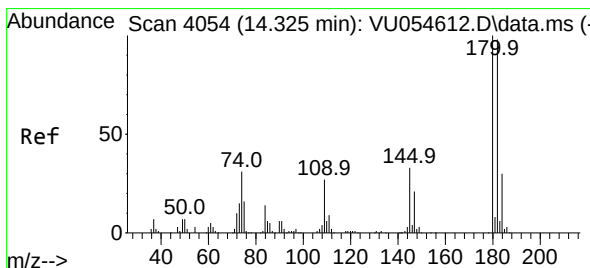
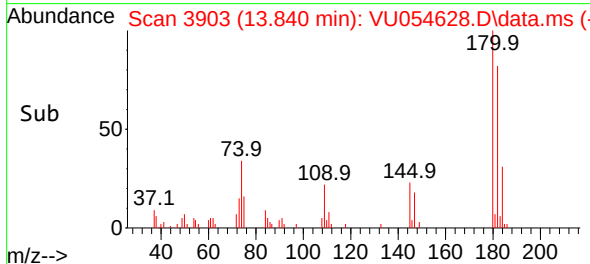
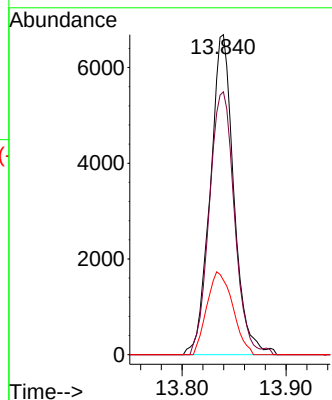
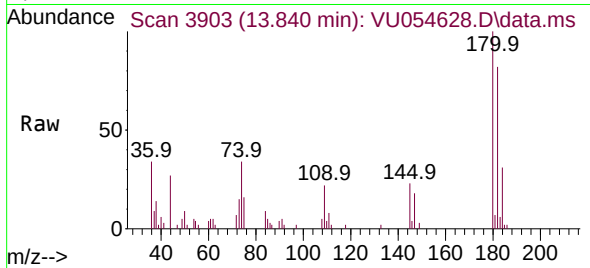




#70
 1,2,4-trichlorobenzene
 Concen: 0.332 ug/L
 RT: 13.840 min Scan# 3903
 Delta R.T. 0.003 min
 Lab File: VU054628.D
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Tgt Ion:180 Resp: 10535
 Ion Ratio Lower Upper
 180 100
 182 87.6 76.6 114.8
 145 28.3 24.0 36.0



#72
 1,2,3-Trichlorobenzene
 Concen: 0.384 ug/L
 RT: 14.328 min Scan# 4055
 Delta R.T. 0.003 min
 Lab File: VU054628.D
 Acq: 20 Jun 2023 22:25

Tgt Ion:180 Resp: 10462
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.4 113.2
 145 28.9 26.0 39.0

