

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
 Data File : VU055636.D
 Acq On : 03 Oct 2023 13:17
 Operator : MD/SY
 Sample : 04679-17DL 500X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-9D(20230928)DL

Quant Time: Oct 04 04:42:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 04:40:48 2023
 Response via : Initial Calibration

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

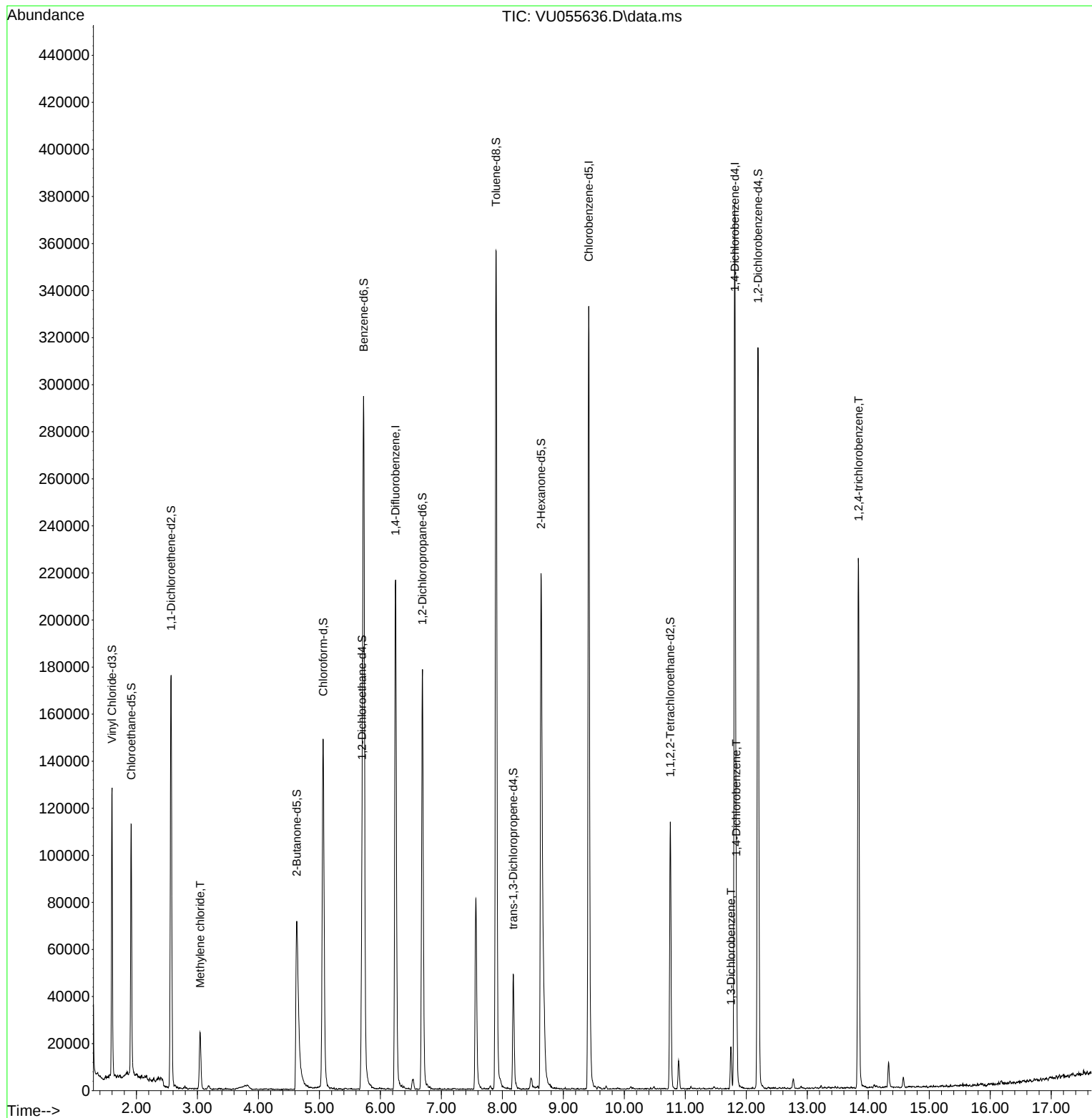
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	182008	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	187412	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	96680	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	86782	4.718	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.914	69	74577	4.600	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.567	65	32569	4.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	4.628	46	127222	38.289	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.580%
24) Chloroform-d	5.062	84	143067	4.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.698	65	66088	4.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	5.724	84	288752	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.689	67	87355	4.460	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.898	98	250918	4.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.177	79	28894	4.204	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.634	63	68028	32.539	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	56709	3.863	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	84199	4.315	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						
16) Methylene chloride	3.042	84	11303	0.741	ug/L	92
64) 1,3-Dichlorobenzene	11.750	146	7588	0.284	ug/L	96
65) 1,4-Dichlorobenzene	11.836	146	21742	0.815	ug/L	97
70) 1,2,4-trichlorobenzene	13.839	180	69894	4.990	ug/L	96

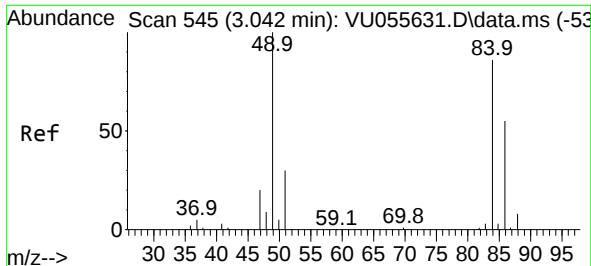
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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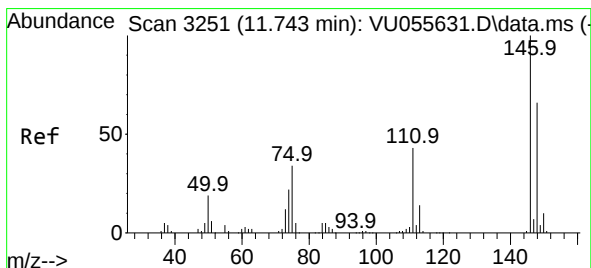
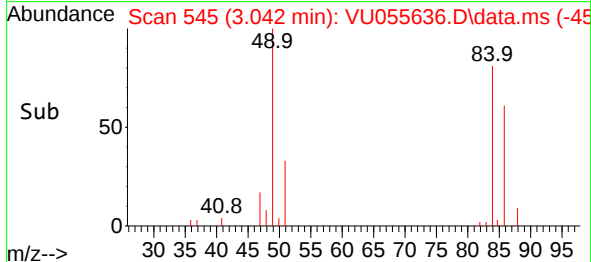
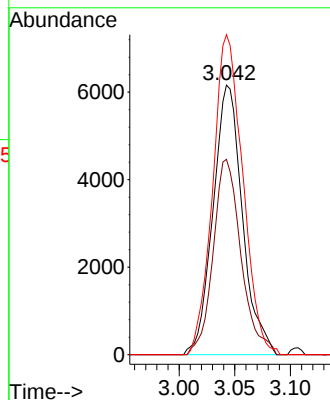
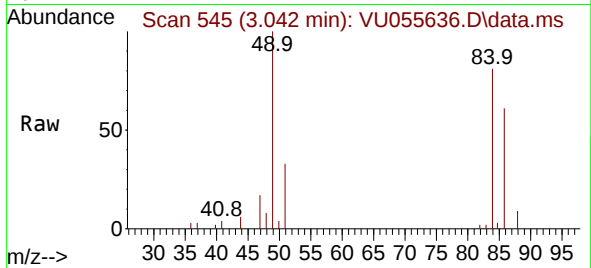




#16
Methylene chloride
Concen: 0.741 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU055636.D
Acq: 03 Oct 2023 13:17

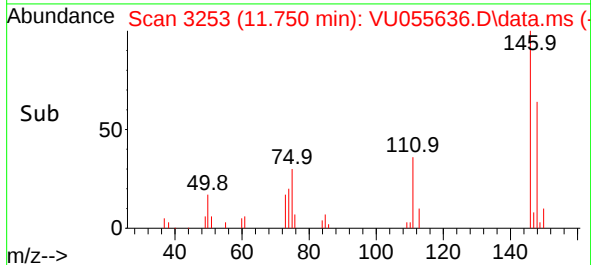
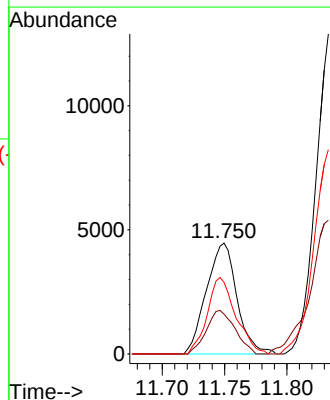
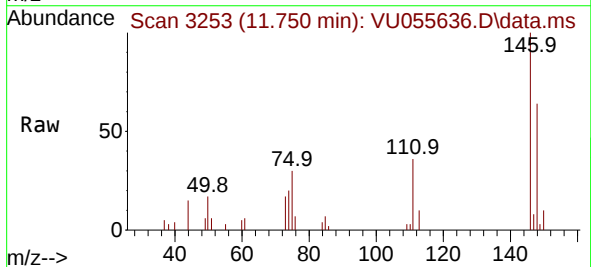
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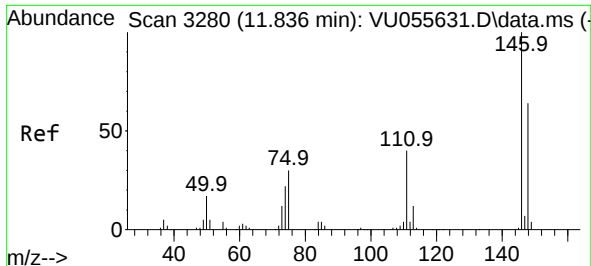
Tgt Ion: 84 Resp: 11303
Ion Ratio Lower Upper
84 100
86 72.5 44.9 83.3
49 118.7 78.8 146.3



#64
1,3-Dichlorobenzene
Concen: 0.284 ug/L
RT: 11.750 min Scan# 3253
Delta R.T. 0.007 min
Lab File: VU055636.D
Acq: 03 Oct 2023 13:17

Tgt Ion:146 Resp: 7588
Ion Ratio Lower Upper
146 100
111 36.0 28.8 53.6
148 64.4 44.6 82.8

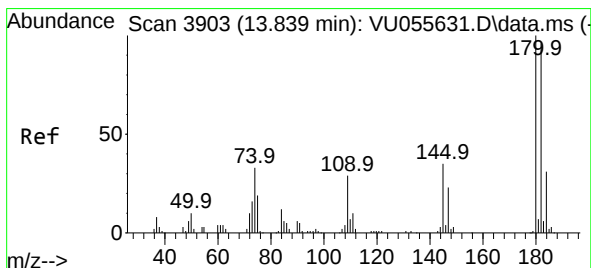
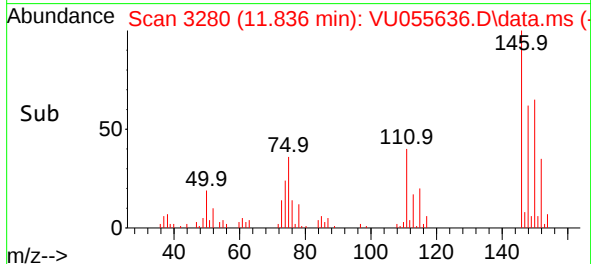
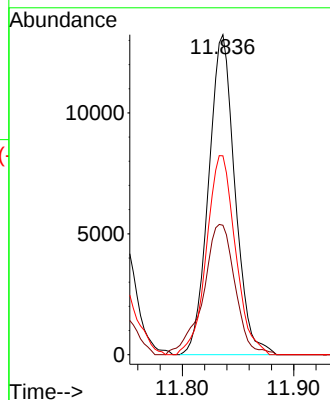
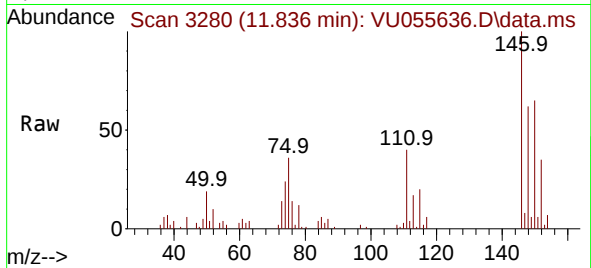




#65
1,4-Dichlorobenzene
Concen: 0.815 ug/L
RT: 11.836 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055636.D
Acq: 03 Oct 2023 13:17

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Tgt Ion:146 Resp: 21742
Ion Ratio Lower Upper
146 100
111 40.5 29.0 53.8
148 62.2 45.4 84.4



#70
1,2,4-trichlorobenzene
Concen: 4.990 ug/L
RT: 13.839 min Scan# 3903
Delta R.T. 0.000 min
Lab File: VU055636.D
Acq: 03 Oct 2023 13:17

Tgt Ion:180 Resp: 69894
Ion Ratio Lower Upper
180 100
182 90.9 76.4 114.6
145 33.1 25.4 38.0

