

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
 Data File : VU060853.D
 Acq On : 18 Sep 2024 00:12
 Operator : MD/SY
 Sample : P3987-04 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8P4

Quant Time: Sep 18 03:45:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 18 02:40:24 2024
 Response via : Initial Calibration

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

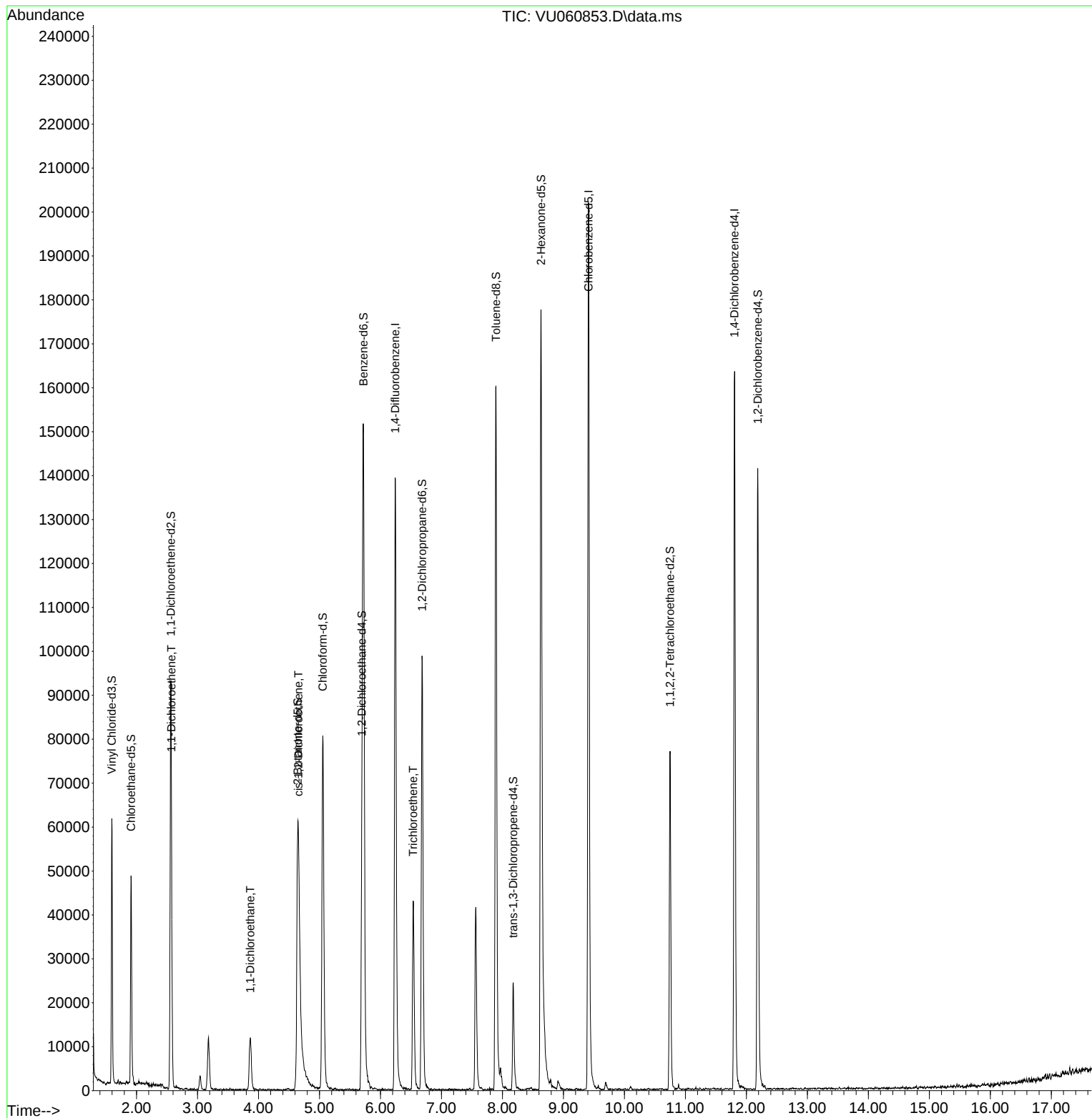
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	124486	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	130676	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49830	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	43980	3.928	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.600%	
7) Chloroethane-d5	1.911	69	36289	4.552	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.000%	
11) 1,1-Dichloroethene-d2	2.563	65	16415	4.136	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.800%	
20) 2-Butanone-d5	4.644	46	83889	46.670	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.340%	
24) Chloroform-d	5.055	84	80753	4.718	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
26) 1,2-Dichloroethane-d4	5.695	65	41123	5.026	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
32) Benzene-d6	5.721	84	153236	4.375	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	6.682	67	52012	4.800	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.000%	
41) Toluene-d8	7.894	98	118917	3.724	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.400%	
43) trans-1,3-Dichloroprop...	8.177	79	16872	4.325	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.600%	
46) 2-Hexanone-d5	8.634	63	69777	45.347	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.700%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	41770	4.920	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	43723	5.222	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.400%	
Target Compounds						
12) 1,1-Dichloroethene	2.573	96	4821	0.616	ug/L	1
19) 1,1-Dichloroethane	3.865	63	15365	0.943	ug/L	89
22) cis-1,2-Dichloroethene	4.656	96	6551	0.729	ug/L	98
34) Trichloroethene	6.537	95	15542	1.650	ug/L	91

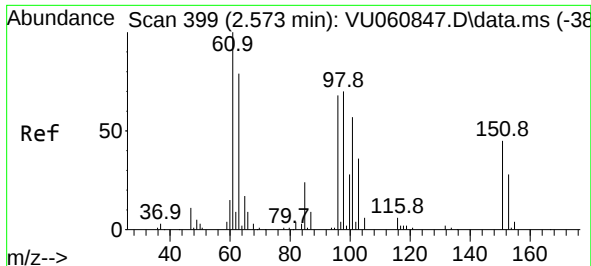
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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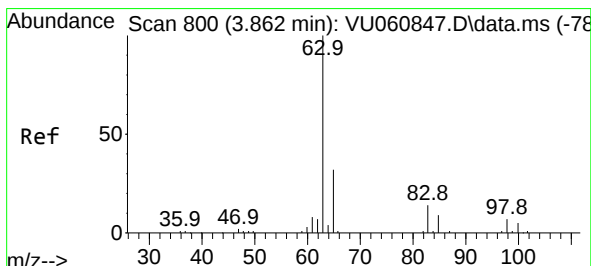
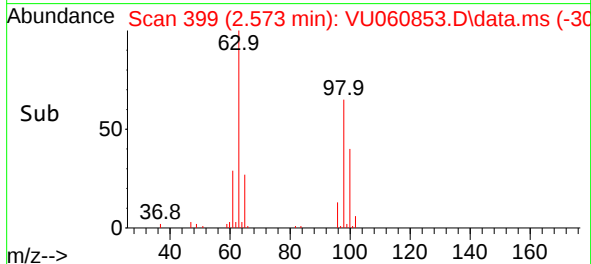
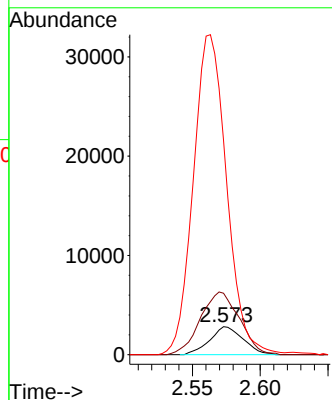
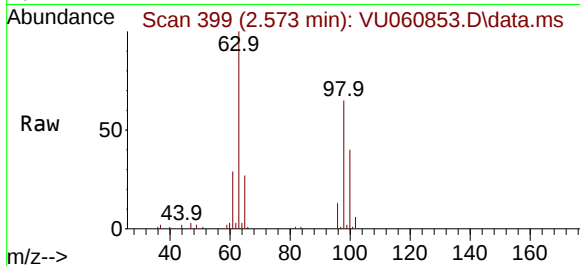




#12
1,1-Dichloroethene
Concen: 0.616 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060853.D
Acq: 18 Sep 2024 00:12

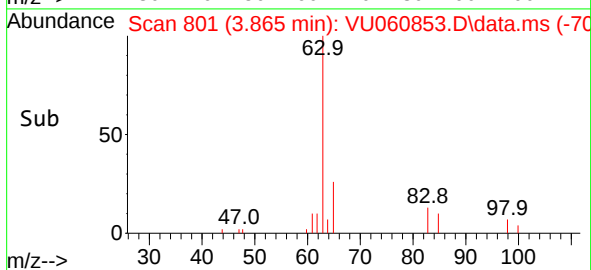
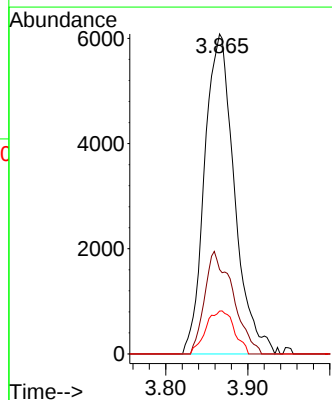
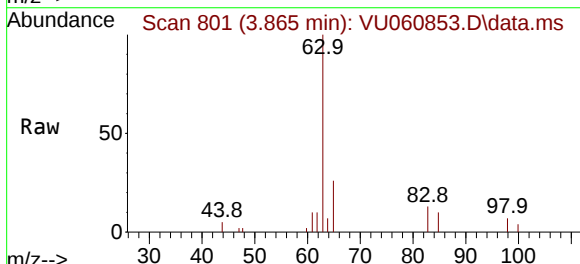
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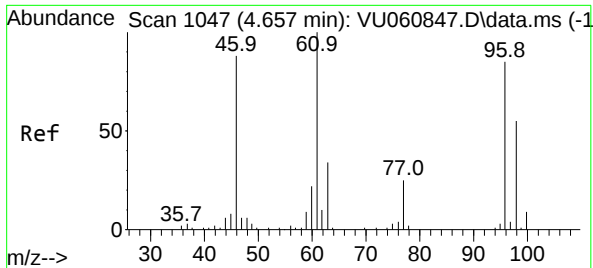
Tgt Ion: 96 Resp: 4821
Ion Ratio Lower Upper
96 100
61 219.4 120.7 224.1
63 765.4 90.0 167.2#



#19
1,1-Dichloroethane
Concen: 0.943 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU060853.D
Acq: 18 Sep 2024 00:12

Tgt Ion: 63 Resp: 15365
Ion Ratio Lower Upper
63 100
65 24.7 23.0 42.8
83 12.6 9.0 16.6

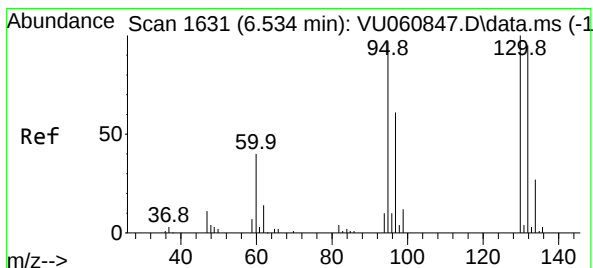
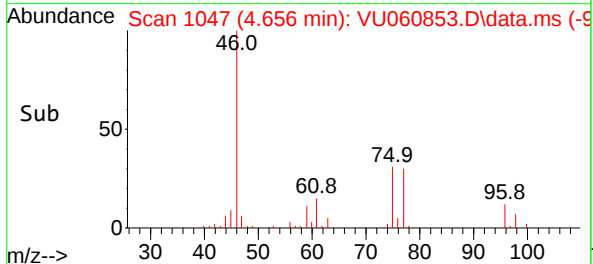
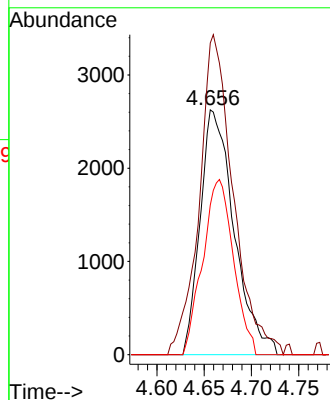
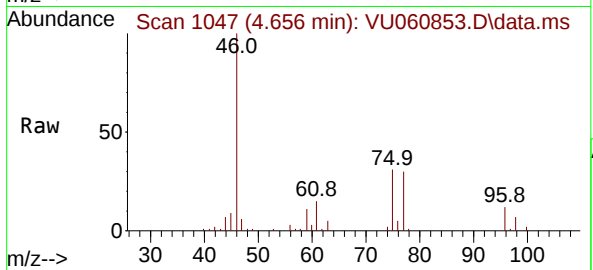




#22
 cis-1,2-Dichloroethene
 Concen: 0.729 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU060853.D
 Acq: 18 Sep 2024 00:12

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8P4

Tgt Ion: 96 Resp: 6551
 Ion Ratio Lower Upper
 96 100
 61 127.3 89.7 166.5
 98 61.1 45.1 83.9



#34
 Trichloroethene
 Concen: 1.650 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.003 min
 Lab File: VU060853.D
 Acq: 18 Sep 2024 00:12

Tgt Ion: 95 Resp: 15542
 Ion Ratio Lower Upper
 95 100
 97 68.8 44.9 83.5
 132 100.5 63.5 117.9
 130 110.0 70.2 130.4

