

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060072.D
 Acq On : 19 Jul 2024 19:53
 Operator : MD/SY
 Sample : P3298-19 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAX4

Quant Time: Jul 20 01:43:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 20 01:37:26 2024
 Response via : Initial Calibration

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

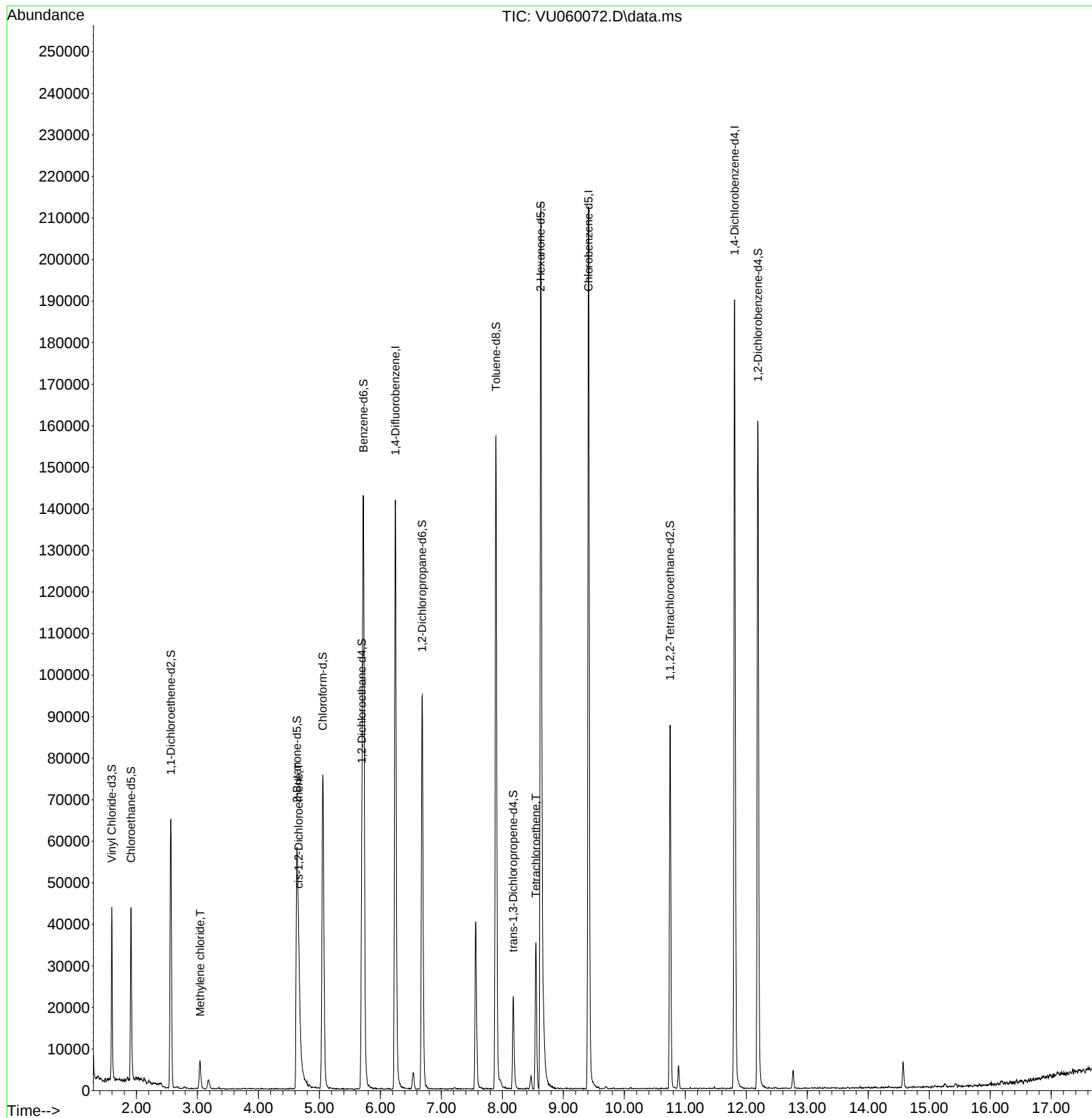
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	127501	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	131080	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	57867	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	29701	3.348	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.000%	
7) Chloroethane-d5	1.911	69	32068	3.891	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.800%	
11) 1,1-Dichloroethene-d2	2.563	65	12204	3.524	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.400%	
20) 2-Butanone-d5	4.631	46	101750	49.060	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.120%	
24) Chloroform-d	5.055	84	74997	4.023	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.400%	
26) 1,2-Dichloroethane-d4	5.695	65	39209	4.517	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
32) Benzene-d6	5.721	84	144586	4.117	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
36) 1,2-Dichloropropane-d6	6.682	67	49197	4.396	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.000%	
41) Toluene-d8	7.894	98	116367	3.667	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.400%	
43) trans-1,3-Dichloroprop...	8.177	79	14770	3.877	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.600%	
46) 2-Hexanone-d5	8.627	63	78971	46.716	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.440%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	45718	4.590	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	49760	4.764	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.200%	
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	3996	0.335	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	5424	0.478	ug/L	93
47) Tetrachloroethene	8.550	164	8560	0.901	ug/L	94

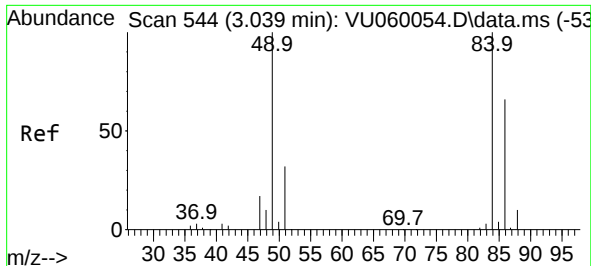
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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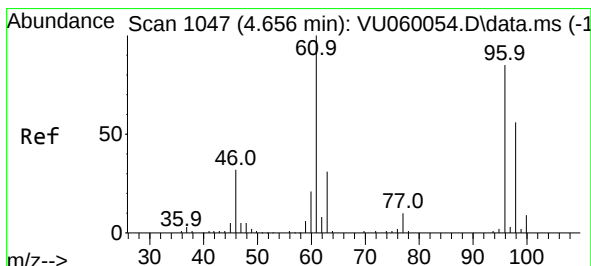
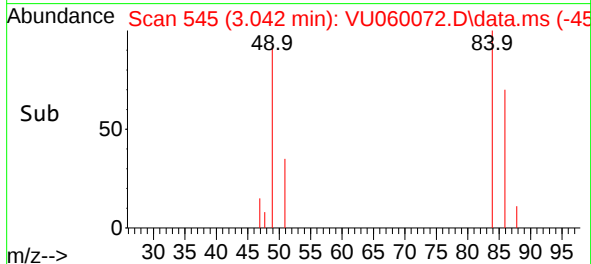
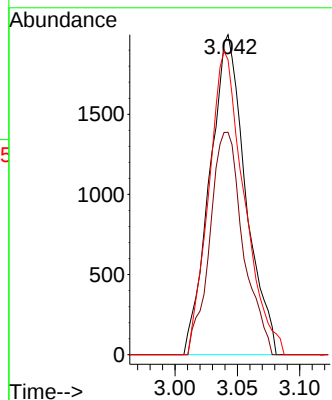
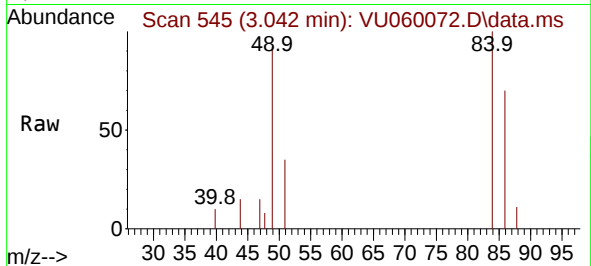




#16
Methylene chloride
Concen: 0.335 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU060072.D
Acq: 19 Jul 2024 19:53

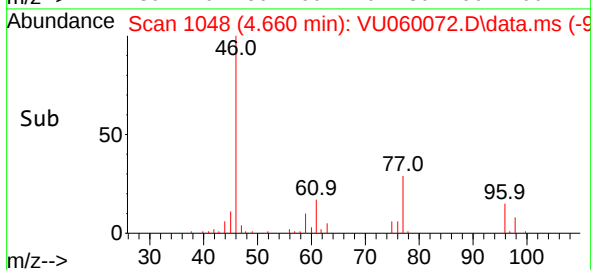
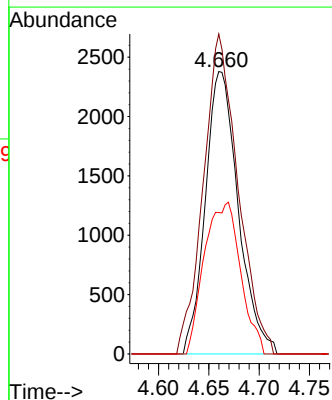
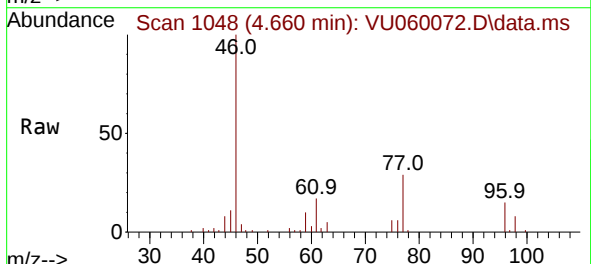
Instrument :
MSVOA_U
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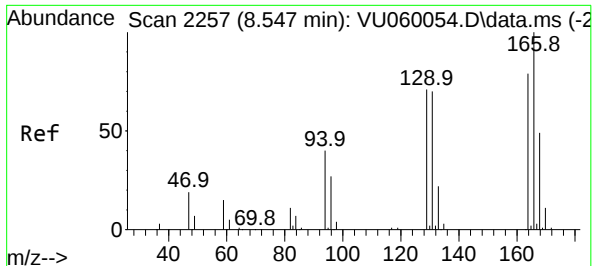
Tgt Ion: 84 Resp: 3996
Ion Ratio Lower Upper
84 100
86 69.5 44.4 82.5
49 92.1 72.0 133.6



#22
cis-1,2-Dichloroethene
Concen: 0.478 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU060072.D
Acq: 19 Jul 2024 19:53

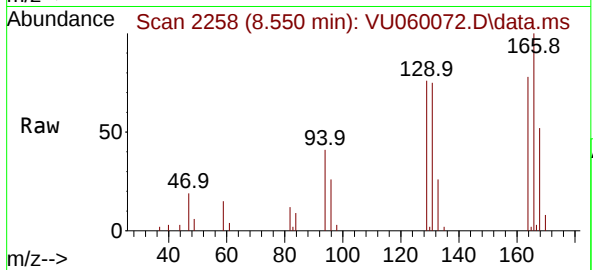
Tgt Ion: 96 Resp: 5424
Ion Ratio Lower Upper
96 100
61 113.3 80.2 148.9
98 50.1 44.7 83.1





#47
 Tetrachloroethene
 Concen: 0.901 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU060072.D
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Tgt Ion:164 Resp: 8560

Ion	Ratio	Lower	Upper
164	100		
129	98.0	64.6	120.0
131	97.3	61.2	113.8
166	129.0	88.6	164.6

