

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060073.D
 Acq On : 19 Jul 2024 20:17
 Operator : MD/SY
 Sample : P3298-20 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAX5

Quant Time: Jul 20 01:43:45 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)

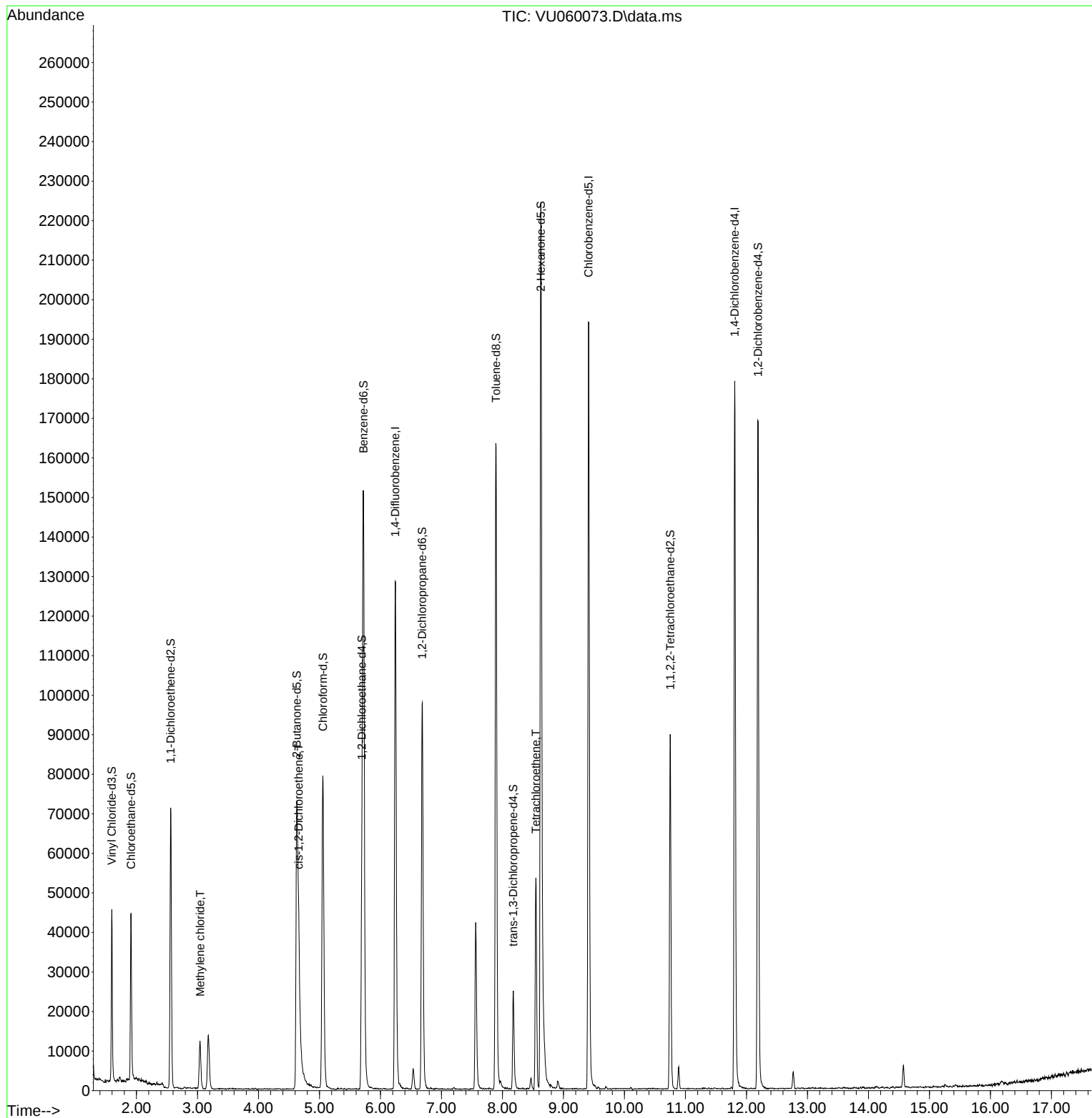
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	115761	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	117910	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	52683	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31206	3.874	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.911	69	32941	4.402	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.560	65	13466	4.282	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.628	46	109478	58.139	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.280%
24) Chloroform-d	5.056	84	79225	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.695	65	39904	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.721	84	151146	4.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.682	67	50439	5.011	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.895	98	120487	4.221	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.178	79	16161	4.716	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.628	63	83812	55.118	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.240%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	48346	5.396	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	50512	5.312	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						Qvalue
16) Methylene chloride	3.043	84	7045	0.650	ug/L	92
22) cis-1,2-Dichloroethene	4.660	96	7449	0.724	ug/L	94
47) Tetrachloroethene	8.547	164	13034	1.526	ug/L	92

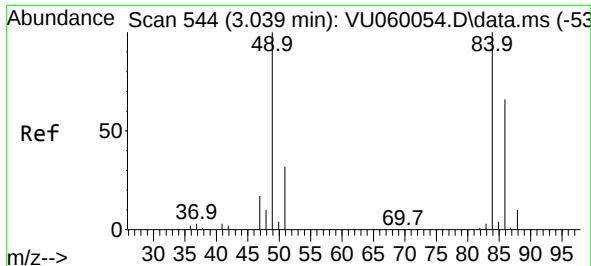
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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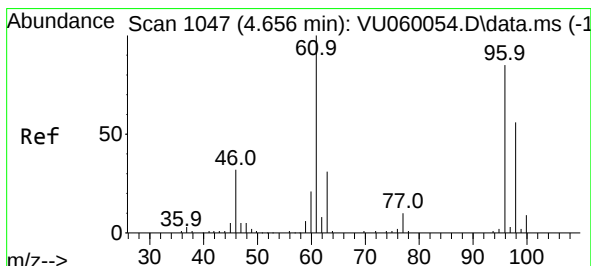
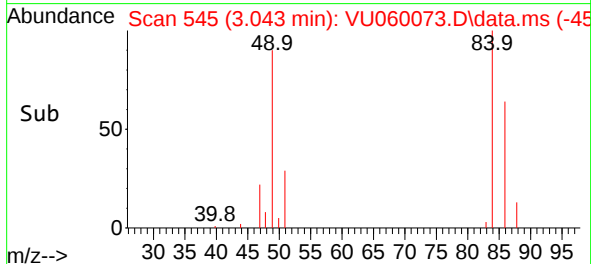
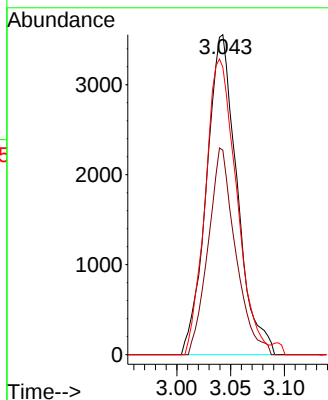
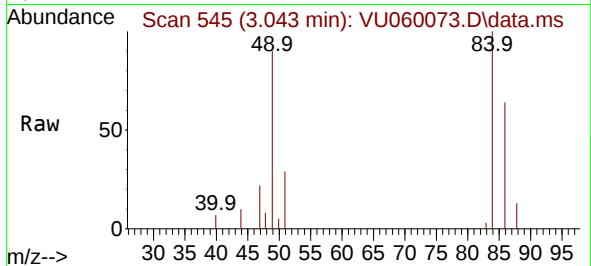




#16
Methylene chloride
Concen: 0.650 ug/L
RT: 3.043 min Scan# 544
Delta R.T. 0.004 min
Lab File: VU060073.D
Acq: 19 Jul 2024 20:17

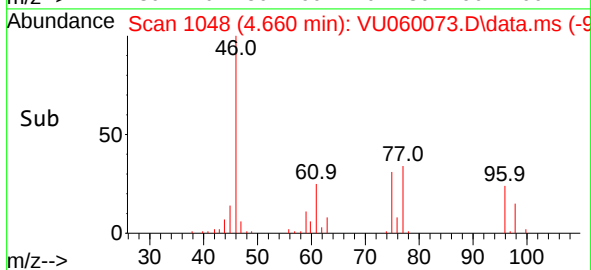
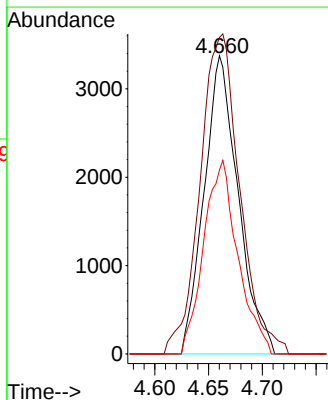
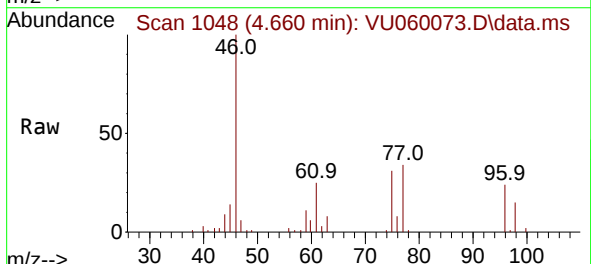
Instrument :
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BHAX5

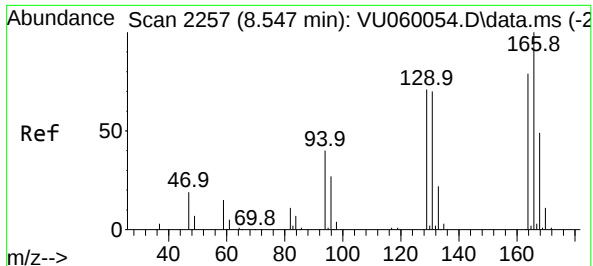
Tgt Ion: 84 Resp: 7045
Ion Ratio Lower Upper
84 100
86 63.9 44.4 82.5
49 89.8 72.0 133.6



#22
cis-1,2-Dichloroethene
Concen: 0.724 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.004 min
Lab File: VU060073.D
Acq: 19 Jul 2024 20:17

Tgt Ion: 96 Resp: 7449
Ion Ratio Lower Upper
96 100
61 106.2 80.2 148.9
98 61.7 44.7 83.1





#47
 Tetrachloroethene
 Concen: 1.526 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU060073.D
 Acq: 19 Jul 2024 20:17

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Tgt Ion:164	Resp:	13034
Ion	Ratio	Lower Upper
164	100	
129	99.1	64.6 120.0
131	92.0	61.2 113.8
166	138.3	88.6 164.6

