

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055284.D
 Acq On : 13 Sep 2023 15:03
 Operator : MD/SY
 Sample : 04307-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4H1

Quant Time: Sep 14 05:05:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 14 05:00:29 2023
 Response via : Initial Calibration

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

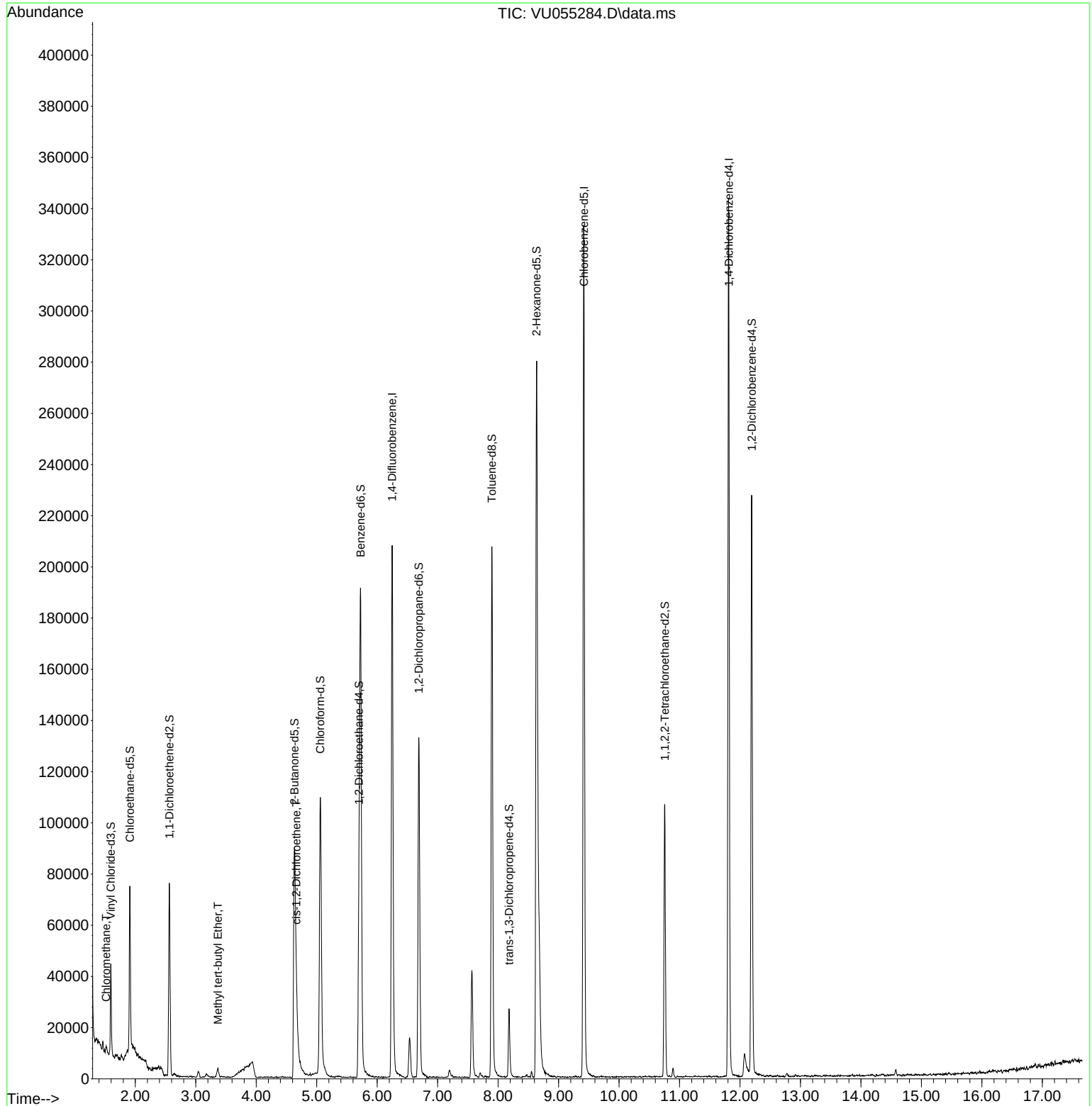
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	170491	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	185456	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	87722	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24536	3.071	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	61.400%	
7) Chloroethane-d5	1.911	69	43562	4.710	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.200%	
11) 1,1-Dichloroethene-d2	2.563	65	13809	3.033	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.600%	
20) 2-Butanone-d5	4.631	46	157022	67.717	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	135.440%#	
24) Chloroform-d	5.058	84	100706	4.749	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
26) 1,2-Dichloroethane-d4	5.698	65	55281	5.211	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.200%	
32) Benzene-d6	5.727	84	176933	3.865	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.400%	
36) 1,2-Dichloropropane-d6	6.689	67	62476	4.291	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.800%	
41) Toluene-d8	7.897	98	143588	3.405	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.000%#	
43) trans-1,3-Dichloroprop...	8.180	79	15415	3.844	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.800%	
46) 2-Hexanone-d5	8.634	63	88881	54.600	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.200%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	52483	5.125	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	58312	4.554	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.000%	
Target Compounds						
3) Chloromethane	1.518	50	1873	0.186	ug/L	96
17) Methyl tert-butyl Ether	3.364	73	3673	0.178	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	2093	0.214	ug/L #	83

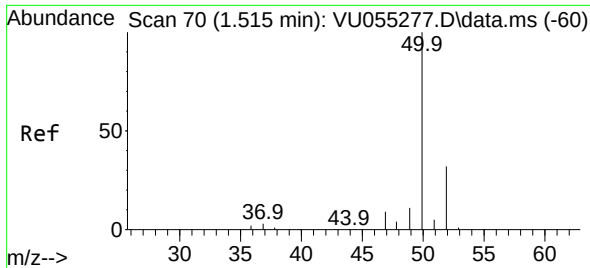
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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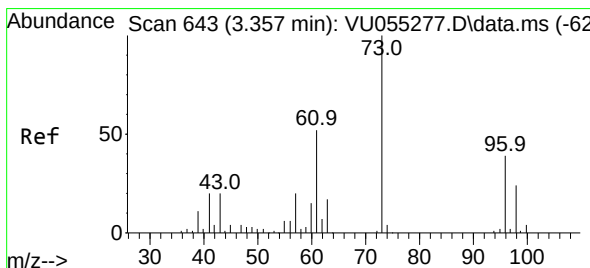
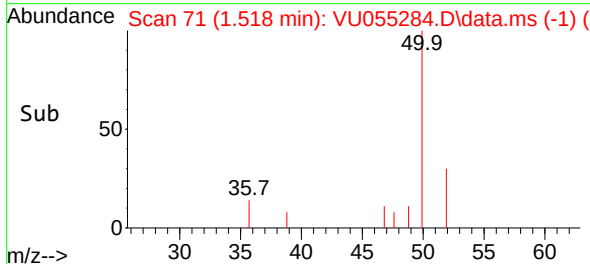
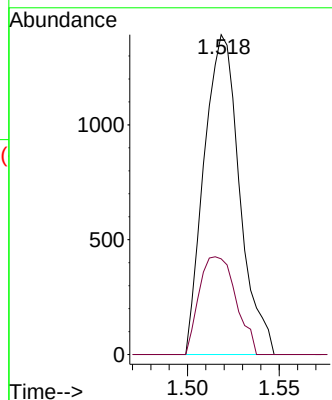
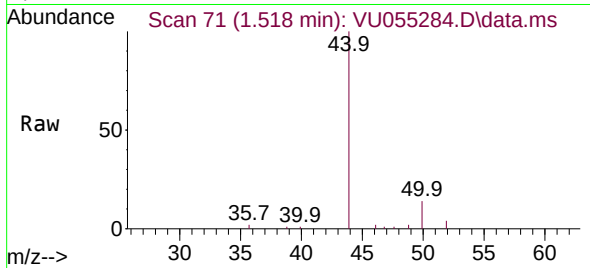




#3
Chloromethane
Concen: 0.186 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055284.D
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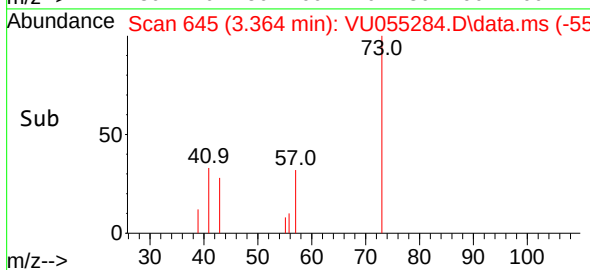
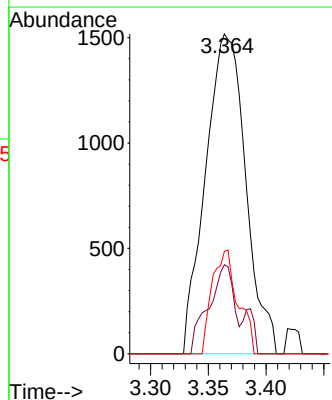
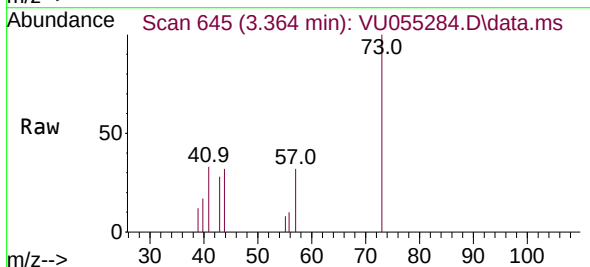
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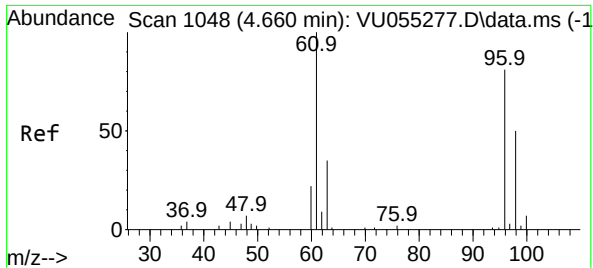
Tgt Ion: 50 Resp: 1873
Ion Ratio Lower Upper
50 100
52 29.9 22.5 41.7



#17
Methyl tert-butyl Ether
Concen: 0.178 ug/L
RT: 3.364 min Scan# 645
Delta R.T. 0.006 min
Lab File: VU055284.D
Acq: 13 Sep 2023 15:03

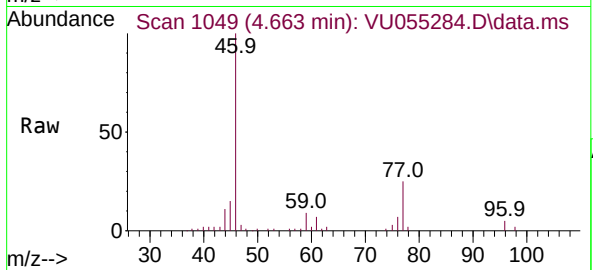
Tgt Ion: 73 Resp: 3673
Ion Ratio Lower Upper
73 100
43 17.6 16.2 24.2
57 20.8 17.4 26.2





#22
 cis-1,2-Dichloroethene
 Concen: 0.214 ug/L
 RT: 4.663 min Scan# 10
 Delta R.T. 0.003 min
 Lab File: VU055284.D
 Acq: 13 Sep 2023 15:03

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Tgt Ion:	96	Resp:	2093
Ion	Ratio	Lower	Upper
96	100		
61	127.4	97.2	180.4
98	39.3	46.1	85.7#

