

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057153.D
 Acq On : 21 Dec 2023 22:51
 Operator : MD/SY
 Sample : 05894-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH3M1

Quant Time: Dec 21 23:35:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 23:30:13 2023
 Response via : Initial Calibration

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

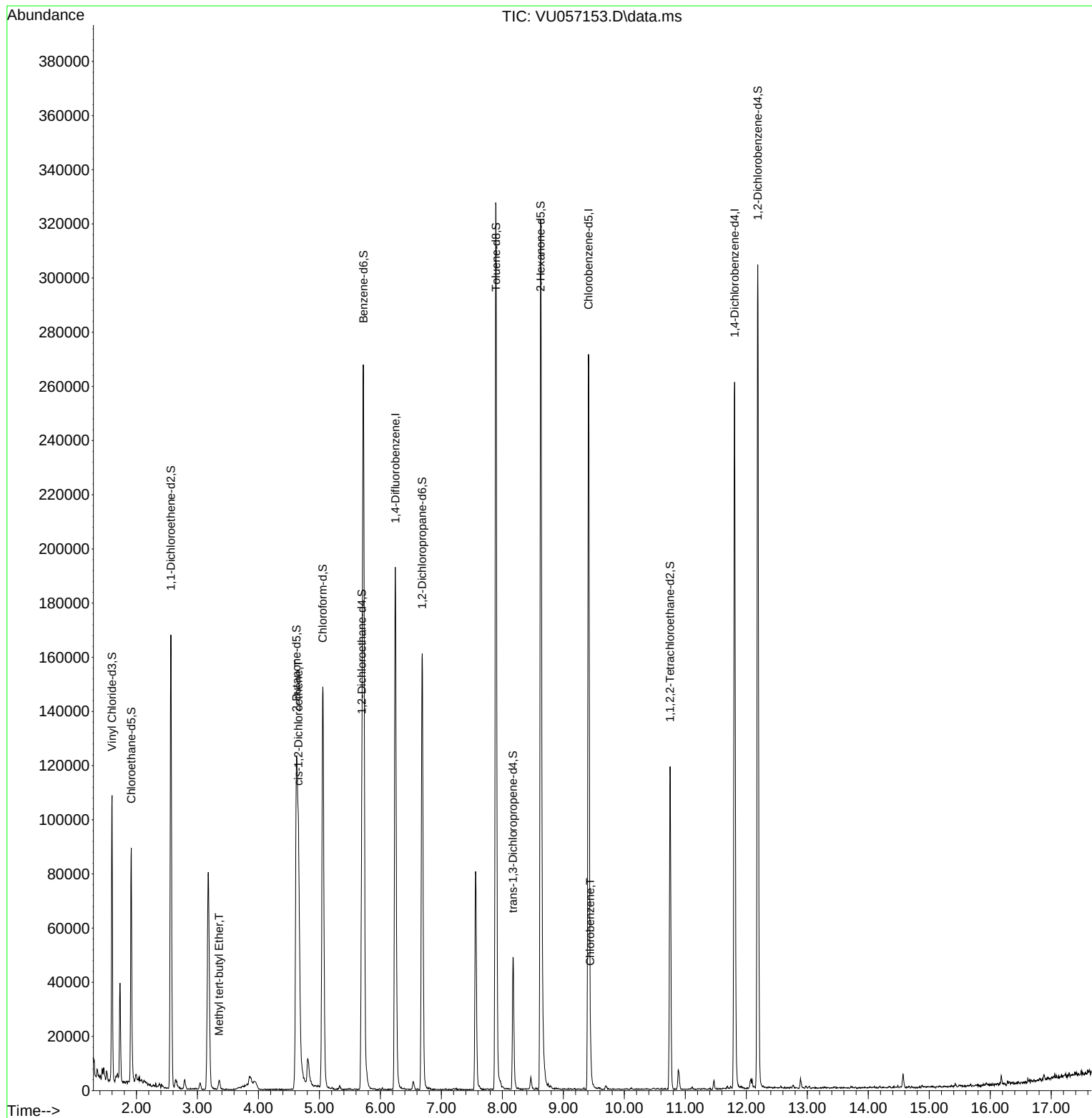
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	155364	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153248	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	68901	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	72879	4.908	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.200%	
7) Chloroethane-d5	1.914	69	63320	5.180	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.600%	
11) 1,1-Dichloroethene-d2	2.563	65	30919	4.806	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.200%	
20) 2-Butanone-d5	4.624	46	132997	57.043	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.080%	
24) Chloroform-d	5.055	84	143906	5.018	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
26) 1,2-Dichloroethane-d4	5.695	65	70268	5.141	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.800%	
32) Benzene-d6	5.721	84	256502	4.880	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
36) 1,2-Dichloropropane-d6	6.685	67	73029	4.882	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.600%	
41) Toluene-d8	7.894	98	220331	4.591	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
43) trans-1,3-Dichloroprop...	8.174	79	29800	4.786	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.800%	
46) 2-Hexanone-d5	8.628	63	110971	52.346	ug/L	-0.03
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.700%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	56785	5.335	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	77889	5.253	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.000%	
Target Compounds						
17) Methyl tert-butyl Ether	3.354	73	3969	0.161	ug/L	93
22) cis-1,2-Dichloroethene	4.657	96	27124	2.174	ug/L	95
51) Chlorobenzene	9.441	112	5527	0.165	ug/L	92

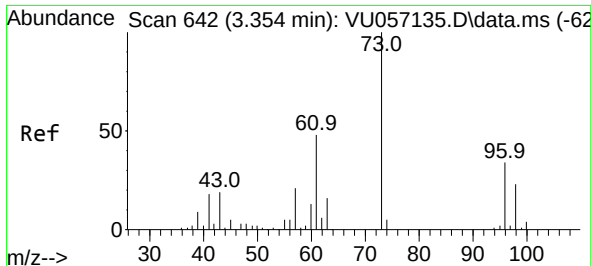
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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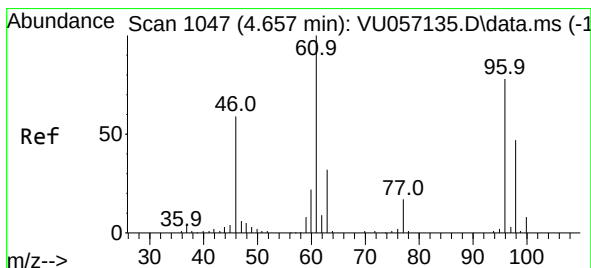
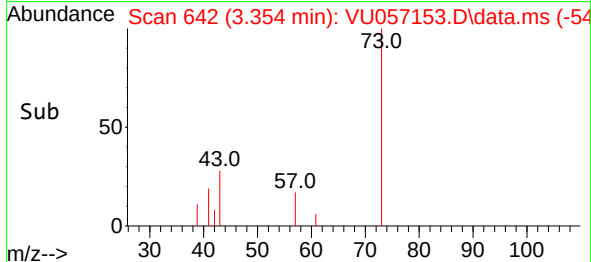
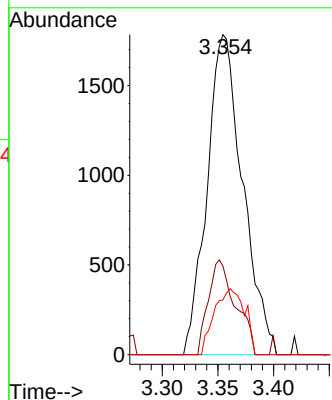
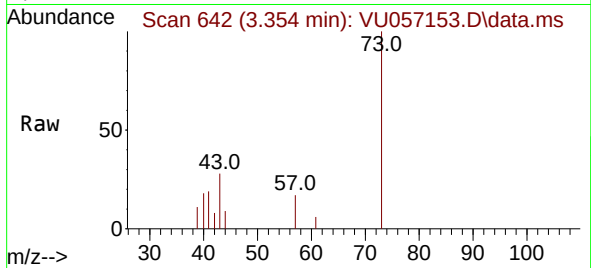




#17
Methyl tert-butyl Ether
Concen: 0.161 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU057153.D
Acq: 21 Dec 2023 22:51

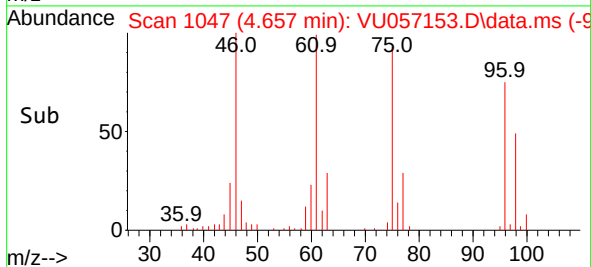
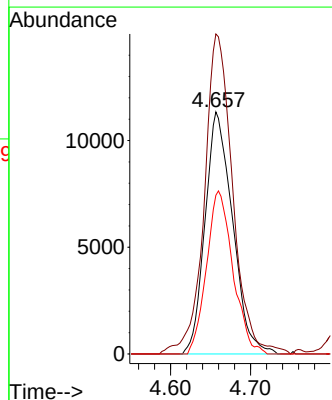
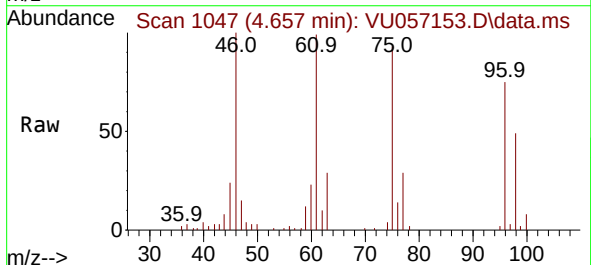
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MSVOA_U
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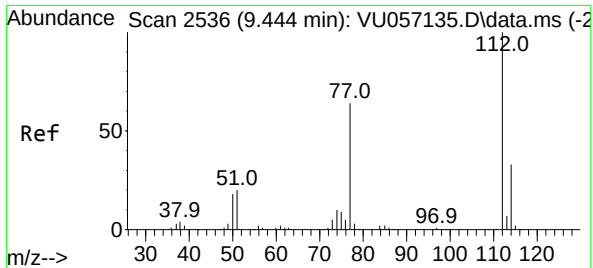
Tgt Ion: 73	Resp:	3969	
Ion	Ratio	Lower	Upper
73	100		
43	22.7	15.4	23.0
57	17.5	16.2	24.2



#22
cis-1,2-Dichloroethene
Concen: 2.174 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU057153.D
Acq: 21 Dec 2023 22:51

Tgt Ion: 96	Resp:	27124	
Ion	Ratio	Lower	Upper
96	100		
61	132.2	86.8	161.2
98	65.6	45.5	84.5





#51
 Chlorobenzene
 Concen: 0.165 ug/L
 RT: 9.441 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU057153.D
 Acq: 21 Dec 2023 22:51

Instrument :
 MSVOA_U
 ClientSampleId :
 BH3M1

Tgt Ion:	112	Resp:	5527
Ion	Ratio	Lower	Upper
112	100		
114	30.5	22.7	42.1
77	57.2	52.2	78.2

