

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054964.D
 Acq On : 29 Aug 2023 18:13
 Operator : MD/SY
 Sample : 04173-16DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAM0DL

Quant Time: Aug 29 22:32:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 22:22:50 2023
 Response via : Initial Calibration

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

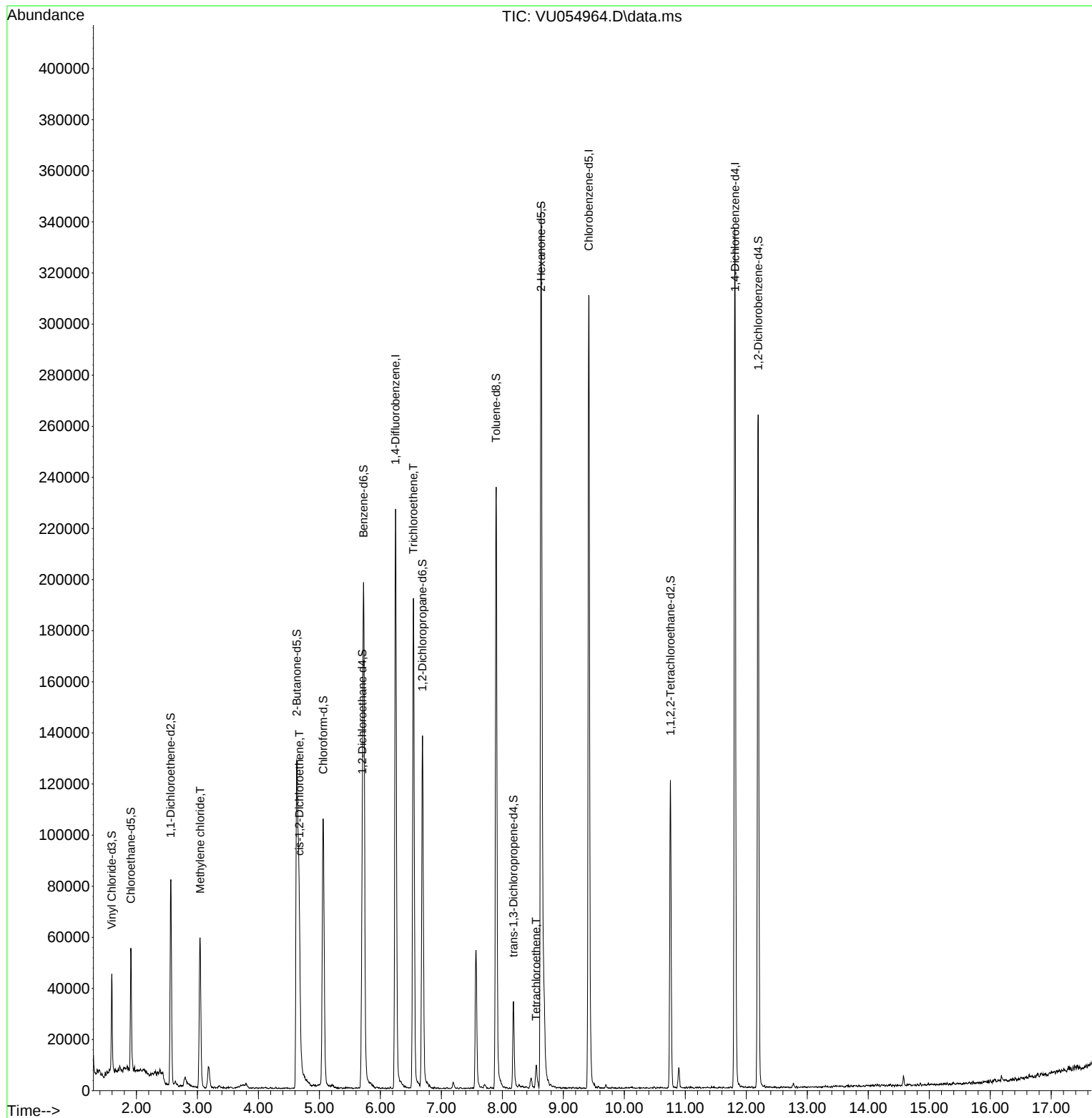
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	178539	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	171822	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	85371	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26022	4.618	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.400%	
7) Chloroethane-d5	1.908	69	33736	4.634	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.600%	
11) 1,1-Dichloroethene-d2	2.560	65	15568	4.888	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.800%	
20) 2-Butanone-d5	4.628	46	176012	57.866	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.740%	
24) Chloroform-d	5.062	84	96521	4.617	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
26) 1,2-Dichloroethane-d4	5.702	65	54851	4.931	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
32) Benzene-d6	5.724	84	178841	4.630	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
36) 1,2-Dichloropropane-d6	6.689	67	65952	4.855	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.200%	
41) Toluene-d8	7.898	98	158329	4.280	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
43) trans-1,3-Dichloroprop...	8.181	79	19541	4.371	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.400%	
46) 2-Hexanone-d5	8.634	63	116174	54.752	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.500%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	57857	4.967	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	65759	4.824	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.400%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.043	84	27352	2.208	ug/L	95
22) cis-1,2-Dichloroethene	4.669	96	26846	2.556	ug/L	98
34) Trichloroethene	6.541	95	64711	5.761	ug/L	93
47) Tetrachloroethene	8.554	164	1811	0.224	ug/L	85

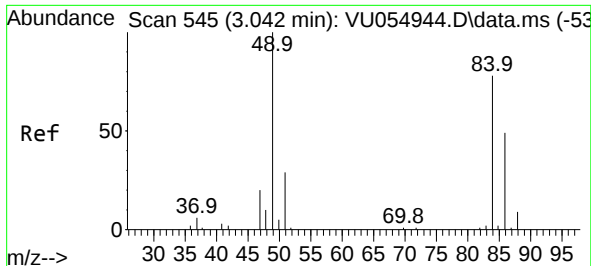
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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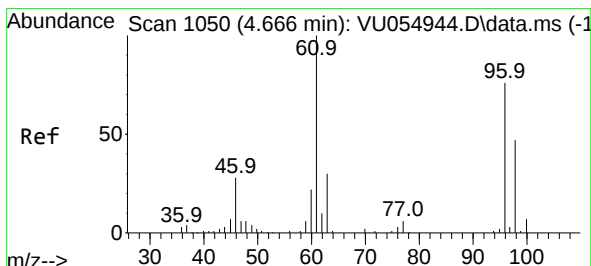
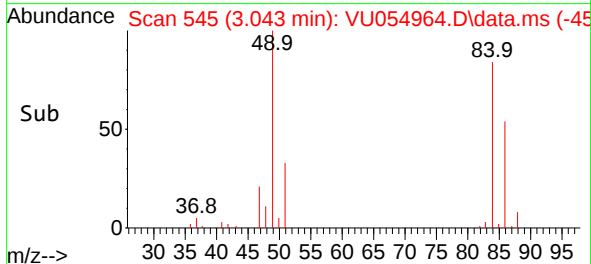
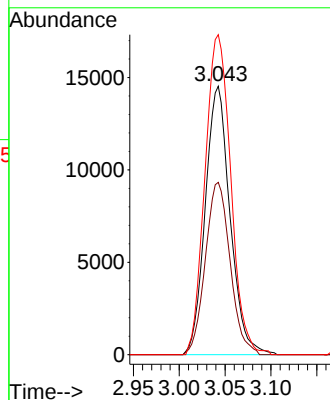
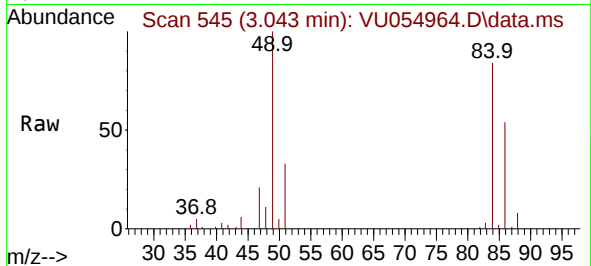




#16
Methylene chloride
Concen: 2.208 ug/L
RT: 3.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU054964.D
Acq: 29 Aug 2023 18:13

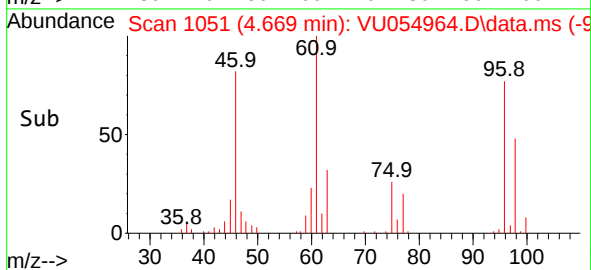
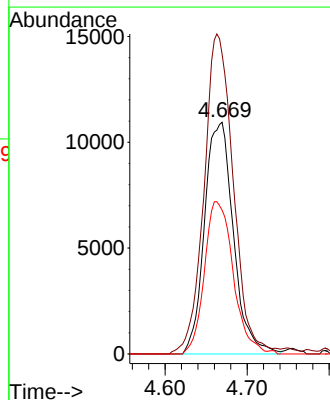
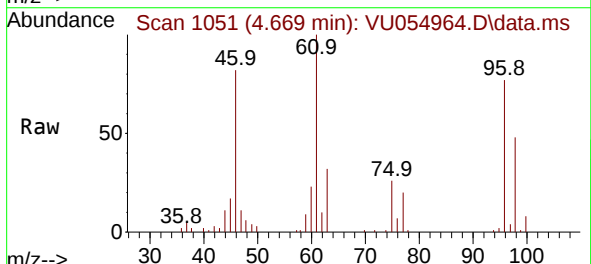
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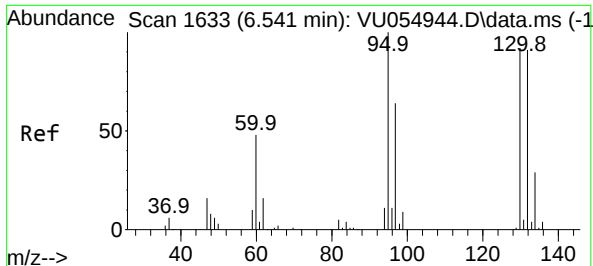
Tgt Ion: 84 Resp: 27352
Ion Ratio Lower Upper
84 100
86 64.2 45.1 83.7
49 119.2 89.5 166.3



#22
cis-1,2-Dichloroethene
Concen: 2.556 ug/L
RT: 4.669 min Scan# 1051
Delta R.T. 0.003 min
Lab File: VU054964.D
Acq: 29 Aug 2023 18:13

Tgt Ion: 96 Resp: 26846
Ion Ratio Lower Upper
96 100
61 129.3 88.4 164.2
98 62.0 44.0 81.6



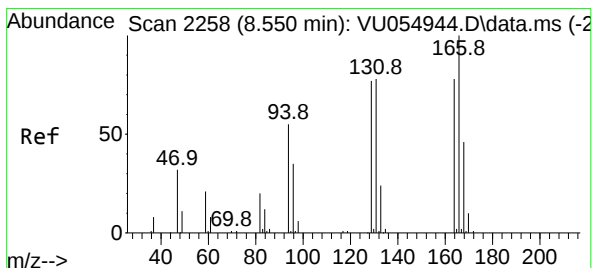
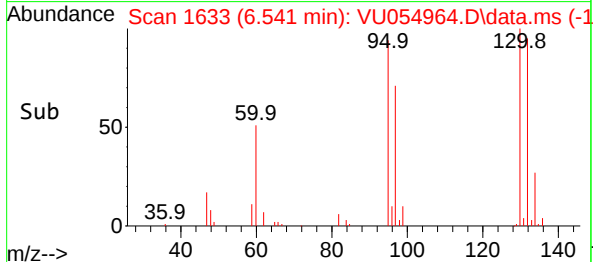
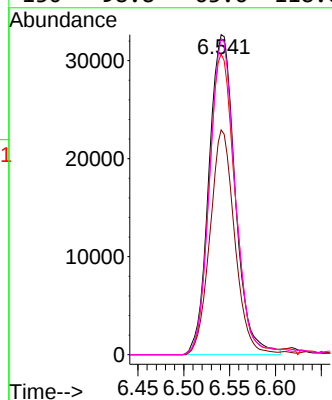
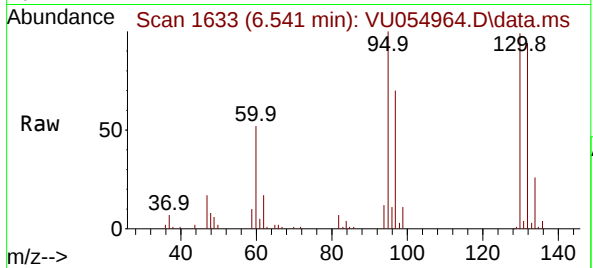


#34
Trichloroethene
Concen: 5.761 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054964.D
Acq: 29 Aug 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :
COAM0DL

Tgt Ion: 95 Resp: 64711

Ion	Ratio	Lower	Upper
95	100		
97	70.3	44.1	81.9
132	94.0	63.6	118.2
130	98.8	63.6	118.0



#47
Tetrachloroethene
Concen: 0.224 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU054964.D
Acq: 29 Aug 2023 18:13

Tgt Ion: 164 Resp: 1811

Ion	Ratio	Lower	Upper
164	100		
129	101.2	72.8	135.2
131	92.8	70.7	131.3
166	102.6	95.9	178.1

