

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070523\
 Data File : VU054764.D
 Acq On : 05 Jul 2023 12:20
 Operator : MD/SY
 Sample : 03495-12DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FC1DL

Quant Time: Jul 06 01:03:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 06 01:01:36 2023
 Response via : Initial Calibration

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

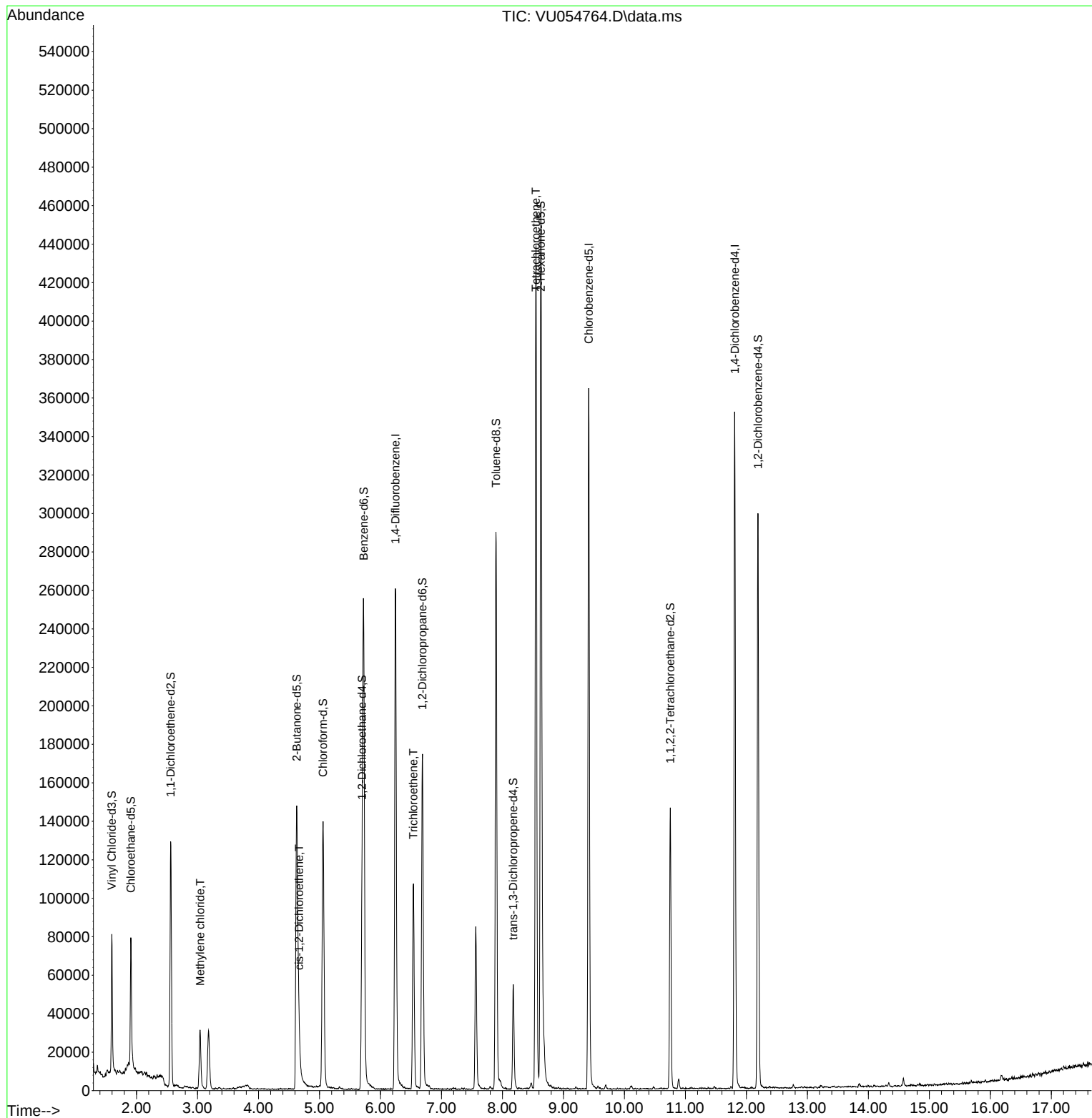
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	209958	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	207156	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	96393	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53822	4.028	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.907	69	52064	4.162	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.560	65	24402	4.089	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.627	46	222704	59.280	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.560%
24) Chloroform-d	5.058	84	129877	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.698	65	70723	5.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.724	84	234217	4.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.688	67	83869	4.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.894	98	198440	3.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.177	79	31043	4.642	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.630	63	151516	54.003	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.000%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	74957	5.227	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	79401	4.884	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	14676	0.685	ug/L	98
22) cis-1,2-Dichloroethene	4.666	96	3512	0.196	ug/L	92
34) Trichloroethene	6.541	95	36473	1.853	ug/L	98
47) Tetrachloroethene	8.550	164	102858	6.825	ug/L	97

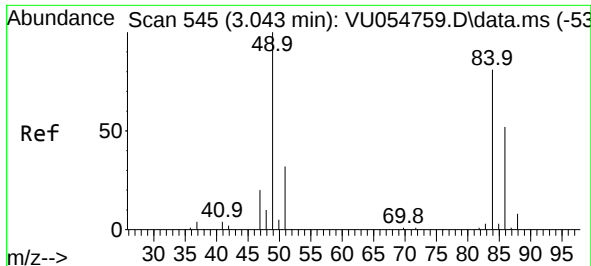
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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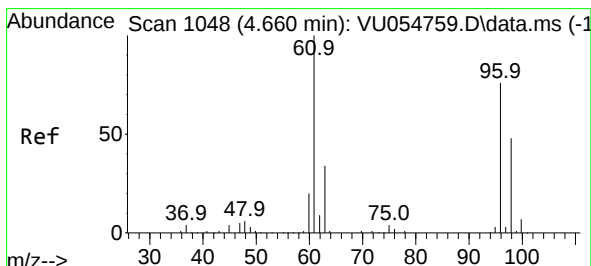
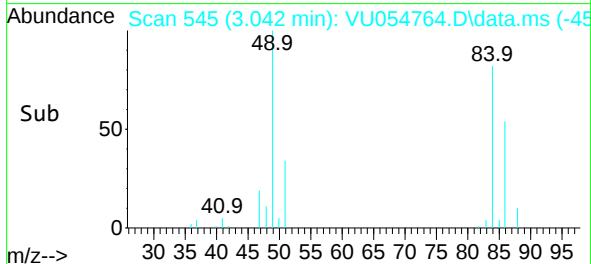
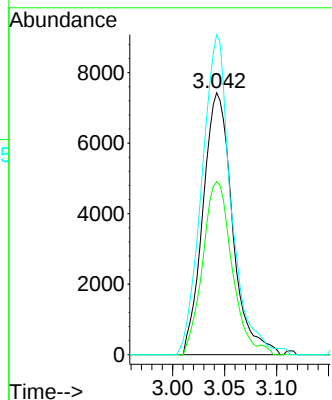
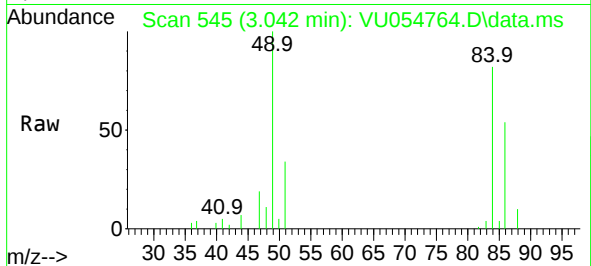




#16
Methylene chloride
Concen: 0.685 ug/L
RT: 3.042 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU054764.D
Acq: 05 Jul 2023 12:20

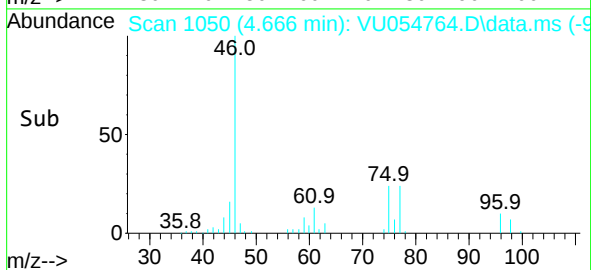
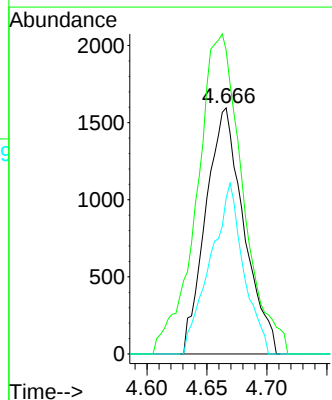
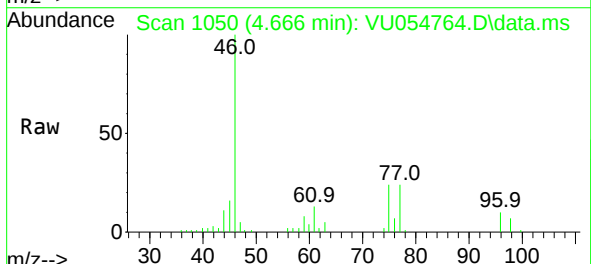
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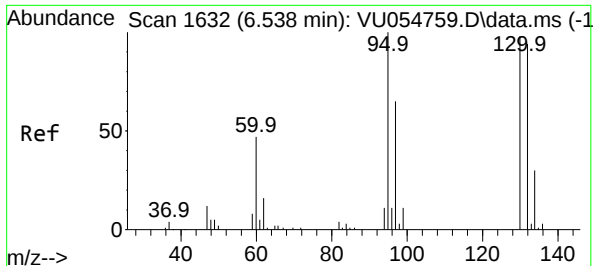
Tgt Ion: 84 Resp: 14676
Ion Ratio Lower Upper
84 100
86 66.1 43.9 81.5
49 122.2 86.1 159.9



#22
cis-1,2-Dichloroethene
Concen: 0.196 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU054764.D
Acq: 05 Jul 2023 12:20

Tgt Ion: 96 Resp: 3512
Ion Ratio Lower Upper
96 100
61 123.4 96.5 179.1
98 63.3 44.9 83.3

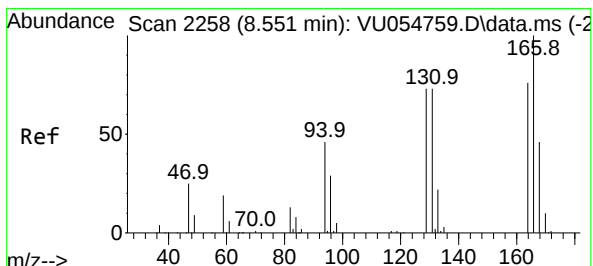
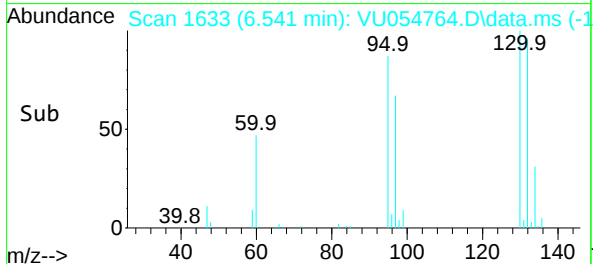
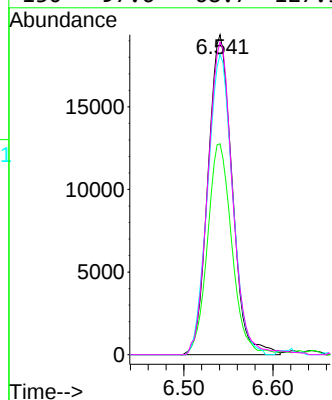
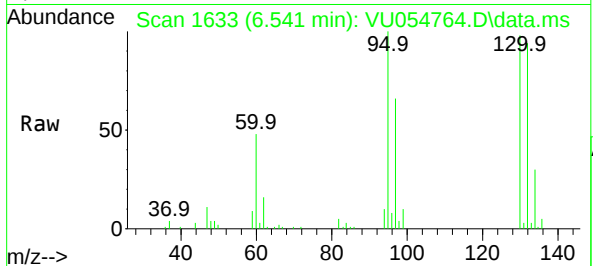




#34
Trichloroethene
Concen: 1.853 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU054764.D
Acq: 05 Jul 2023 12:20

Instrument :
MSVOA_U
ClientSampleId :
H0FC1DL

Tgt Ion: 95 Resp: 36473
Ion Ratio Lower Upper
95 100
97 65.9 46.8 87.0
132 93.8 68.4 127.0
130 97.6 68.7 127.5



#47
Tetrachloroethene
Concen: 6.825 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054764.D
Acq: 05 Jul 2023 12:20

Tgt Ion:164 Resp: 102858
Ion Ratio Lower Upper
164 100
129 92.1 67.7 125.7
131 89.5 64.6 120.0
166 124.4 88.1 163.7

