

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070722\
 Data File : VV026681.D
 Acq On : 07 Jul 2022 16:52
 Operator : SY/MD
 Sample : VIBLK274
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK274

Quant Time: Jul 08 03:02:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 02:58:15 2022
 Response via : Initial Calibration

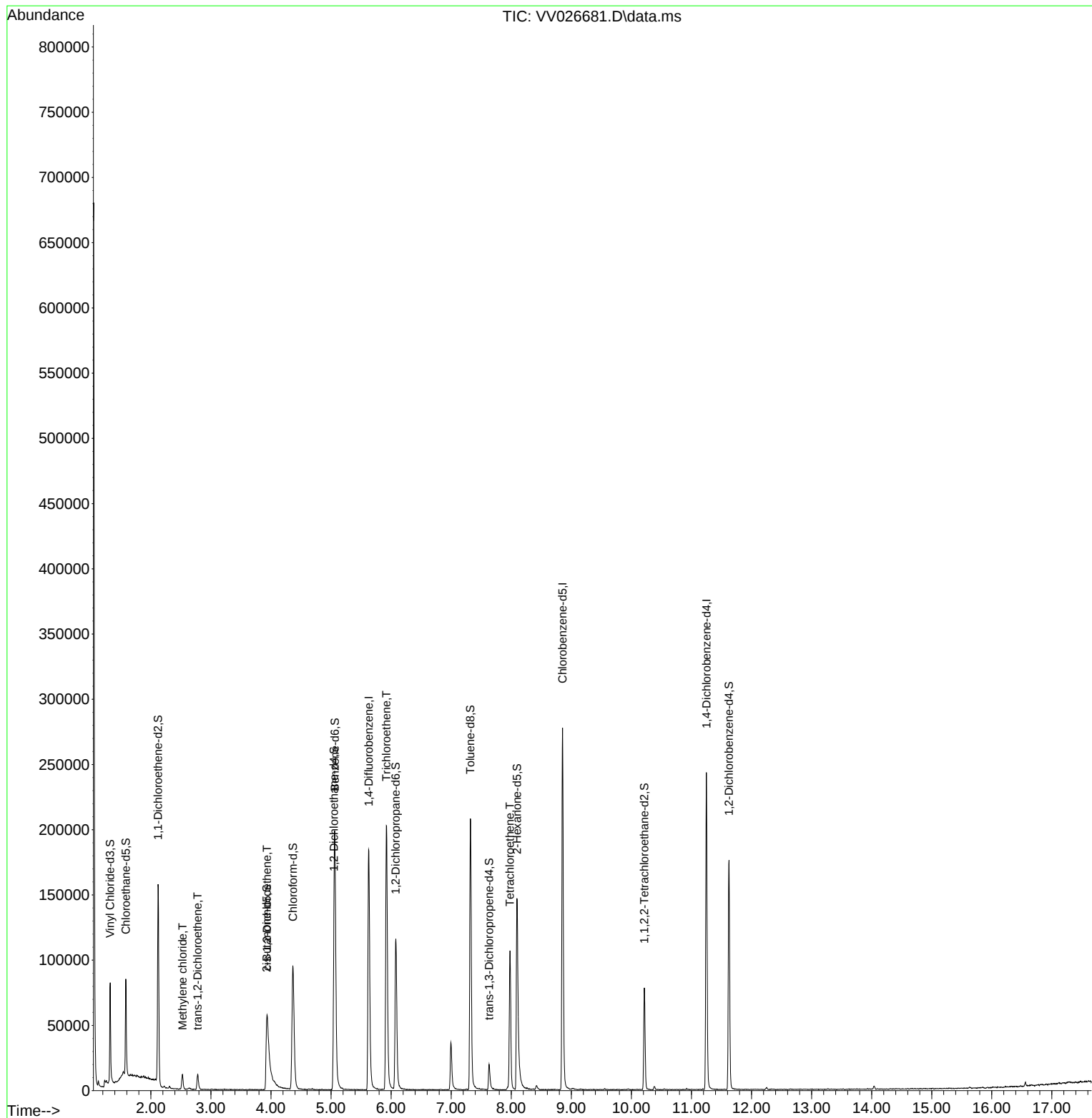
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.628	114	168378	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	165674	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67151	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	53603	3.959	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.200%	
7) Chloroethane-d5	1.584	69	47850	4.399	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.000%	
11) 1,1-Dichloroethene-d2	2.121	63	77631	3.226	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.600%	
20) 2-Butanone-d5	3.931	46	72526	53.872	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.740%	
24) Chloroform-d	4.365	84	103140	4.659	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
26) 1,2-Dichloroethane-d4	5.047	65	42007	4.927	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
32) Benzene-d6	5.063	84	193412	4.064	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.200%	
36) 1,2-Dichloropropane-d6	6.079	67	60309	4.609	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.200%	
41) Toluene-d8	7.320	98	148736	3.476	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.600%#	
43) trans-1,3-Dichloroprop...	7.632	79	12956	3.830	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.600%	
46) 2-Hexanone-d5	8.095	63	52341	40.626	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.260%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39488	4.613	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	49721	4.474	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.400%	
Target Compounds						
					Qvalue	
16) Methylene chloride	2.526	84	5094	0.422	ug/L	91
18) trans-1,2-Dichloroethene	2.780	96	5112	0.441	ug/L	90
22) cis-1,2-Dichloroethene	3.934	96	13382	1.161	ug/L	99
34) Trichloroethene	5.921	95	74605	5.866	ug/L	97
47) Tetrachloroethene	7.979	164	25100	2.479	ug/L	98

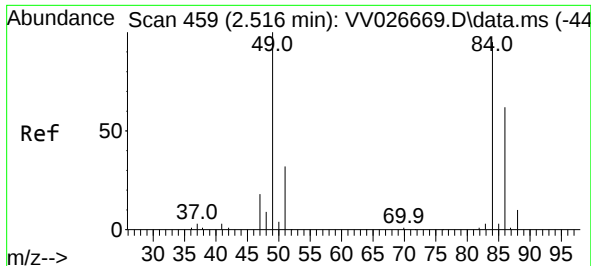
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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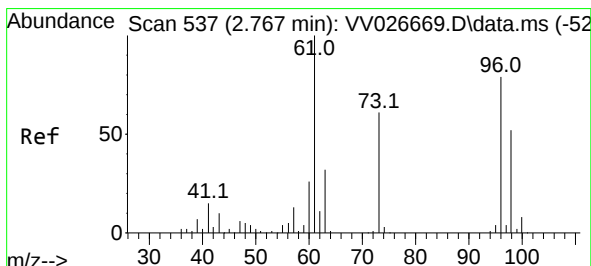
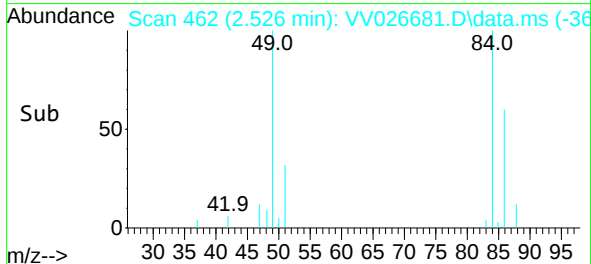
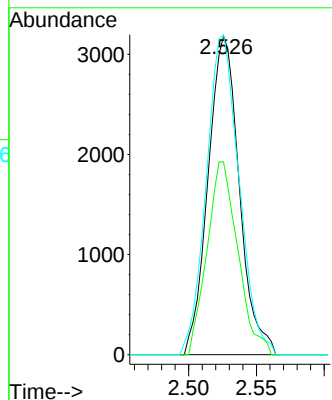
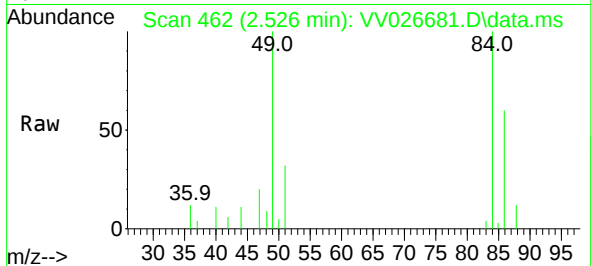




#16
Methylene chloride
Concen: 0.422 ug/L
RT: 2.526 min Scan# 416
Delta R.T. 0.009 min
Lab File: VV026681.D
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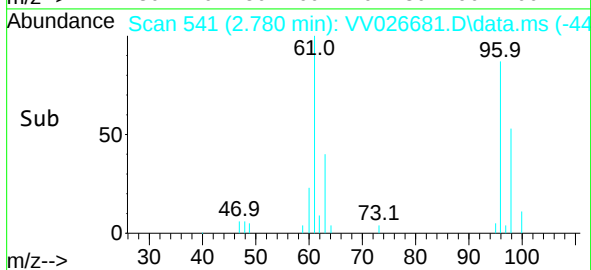
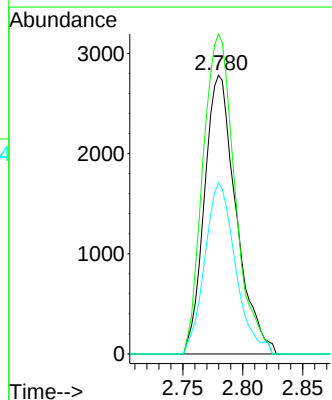
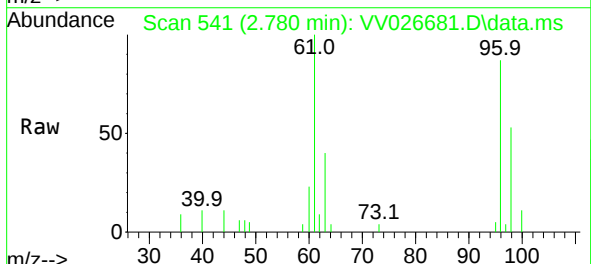
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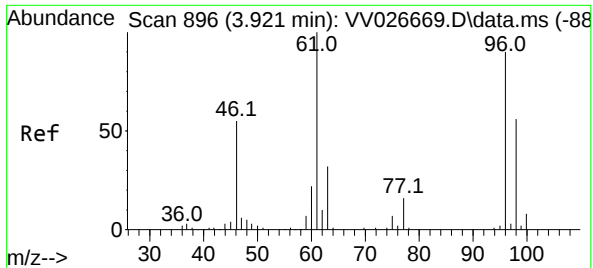
Tgt Ion: 84 Resp: 5094
Ion Ratio Lower Upper
84 100
86 60.5 46.0 85.4
49 100.5 77.7 144.3



#18
trans-1,2-Dichloroethene
Concen: 0.441 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.013 min
Lab File: VV026681.D
Acq: 07 Jul 2022 16:52

Tgt Ion: 96 Resp: 5112
Ion Ratio Lower Upper
96 100
61 114.8 90.4 167.8
98 61.4 45.6 84.8

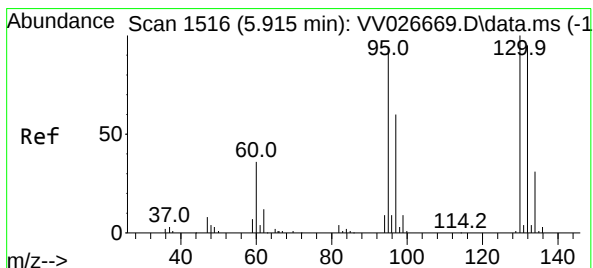
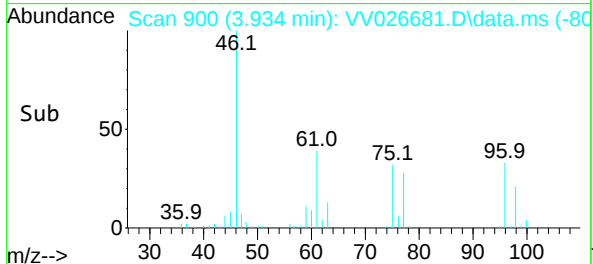
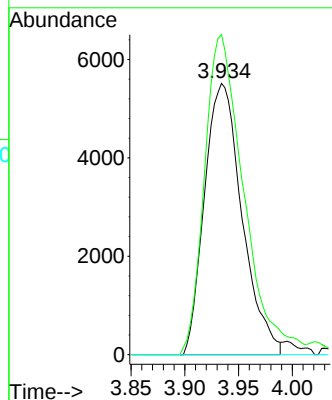
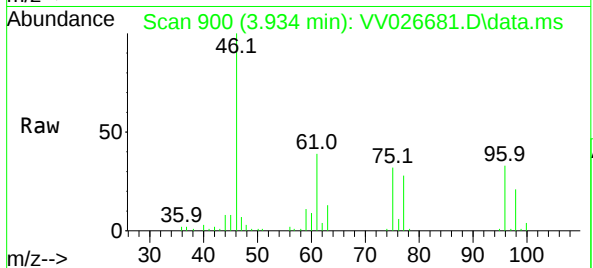




#22
 cis-1,2-Dichloroethene
 Concen: 1.161 ug/L
 RT: 3.934 min Scan# 90
 Delta R.T. 0.013 min
 Lab File: VV026681.D
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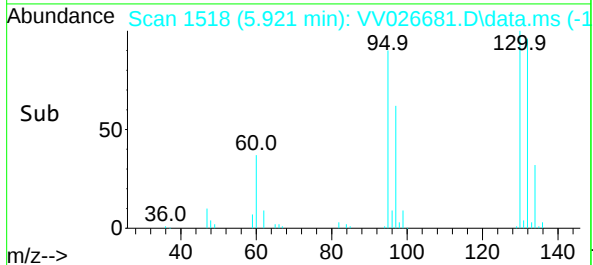
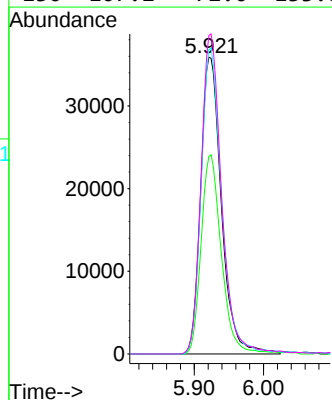
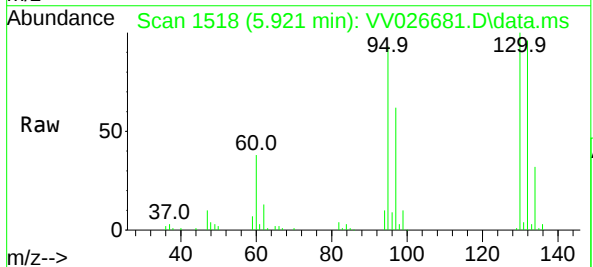
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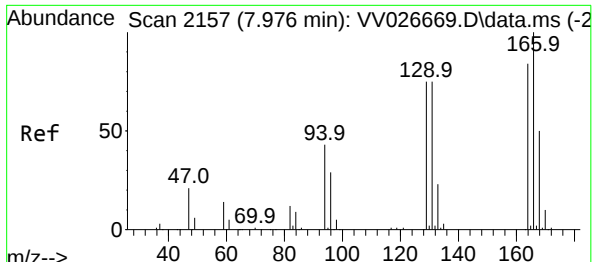
Tgt Ion: 96 Resp: 13382
 Ion Ratio Lower Upper
 96 100
 61 117.9 82.0 152.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 5.866 ug/L
 RT: 5.921 min Scan# 1518
 Delta R.T. 0.006 min
 Lab File: VV026681.D
 Acq: 07 Jul 2022 16:52

Tgt Ion: 95 Resp: 74605
 Ion Ratio Lower Upper
 95 100
 97 66.5 46.8 87.0
 132 102.6 69.9 129.7
 130 107.2 72.0 133.8





#47
 Tetrachloroethene
 Concen: 2.479 ug/L
 RT: 7.979 min Scan# 2157
 Delta R.T. 0.003 min
 Lab File: VV026681.D
 Acq: 07 Jul 2022 16:52

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK274

Tgt Ion:164	Resp:	25100
Ion	Ratio	Lower Upper
164	100	
129	96.6	66.4 123.2
131	91.7	64.4 119.6
166	130.2	88.1 163.7

