

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070822\
 Data File : VV026702.D
 Acq On : 08 Jul 2022 17:34
 Operator : SY/MD
 Sample : N3601-18 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB0

Quant Time: Jul 08 23:58:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 23:50:05 2022
 Response via : Initial Calibration

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

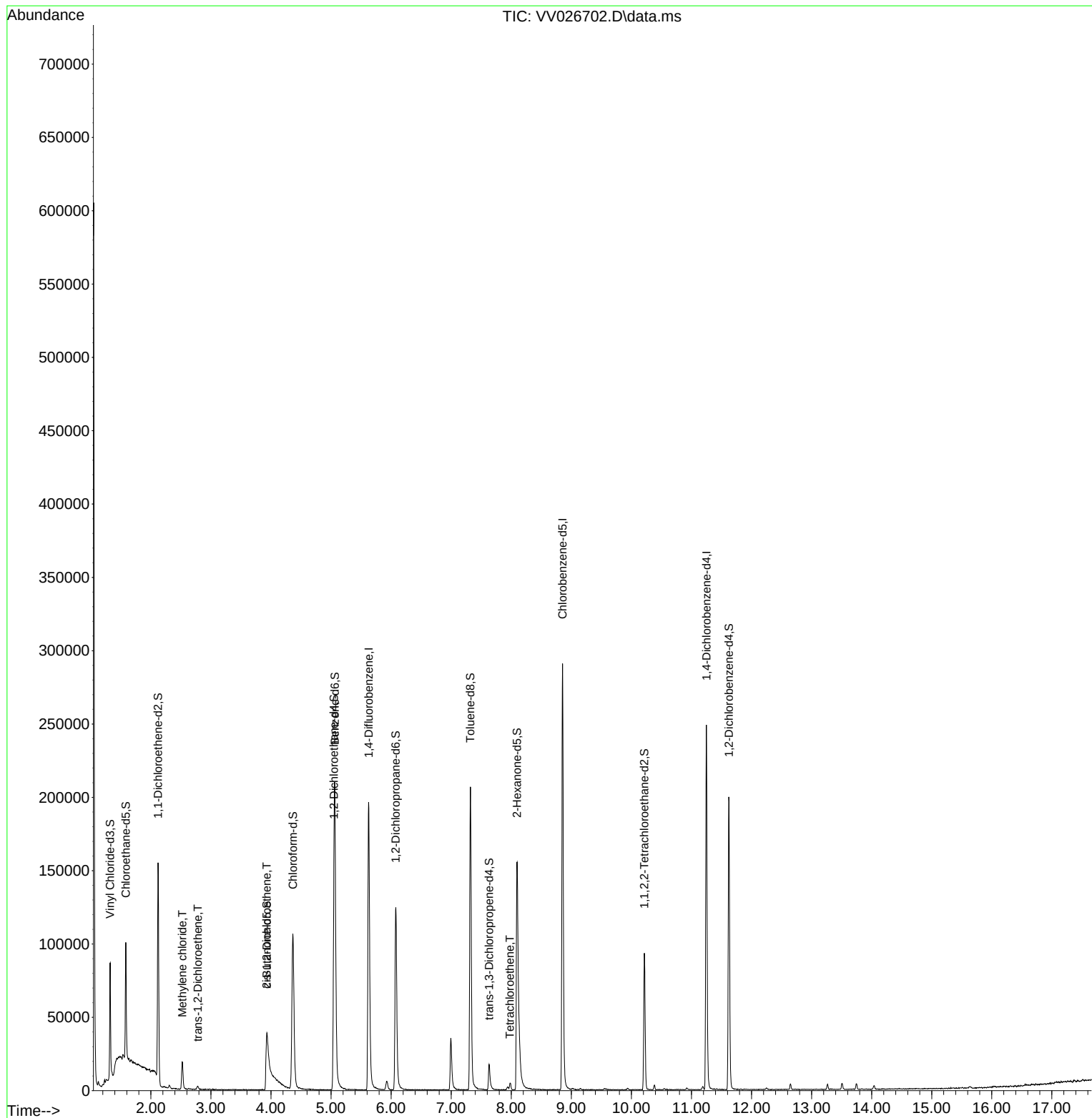
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	183084	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	173222	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68080	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	53482	3.632	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.584	69	51971	4.394	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.121	63	75627	2.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.800%#
20) 2-Butanone-d5	3.931	46	79337	54.198	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.400%
24) Chloroform-d	4.365	84	116401	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.047	65	46482	5.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.063	84	204081	4.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.079	67	65231	4.768	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.320	98	148475	3.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.400%#
43) trans-1,3-Dichloroprop...	7.632	79	12159	3.438	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.800%
46) 2-Hexanone-d5	8.095	63	62826	46.639	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47278	5.282	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	55192	4.899	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.523	84	8582	0.654	ug/L	92
18) trans-1,2-Dichloroethene	2.783	96	1151	0.091	ug/L #	68
22) cis-1,2-Dichloroethene	3.931	96	7229	0.577	ug/L	89
47) Tetrachloroethene	7.979	164	1158	0.109	ug/L	96

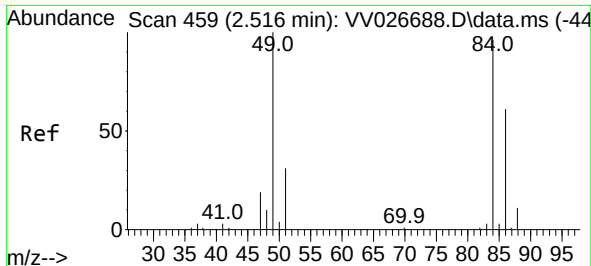
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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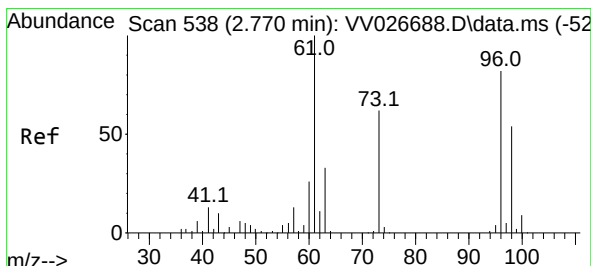
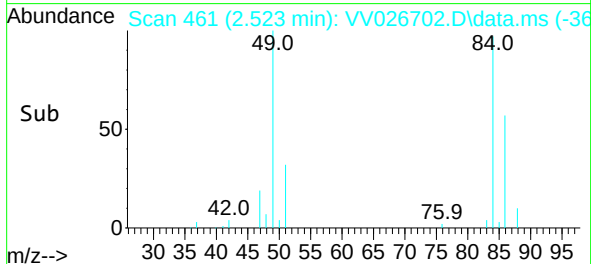
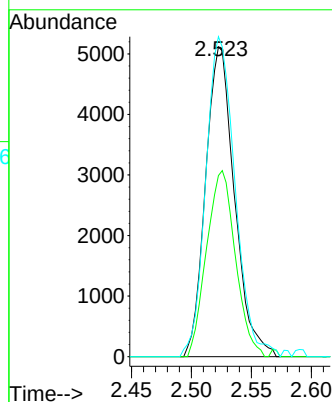
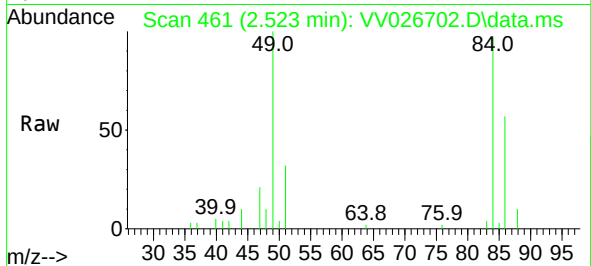




#16
Methylene chloride
Concen: 0.654 ug/L
RT: 2.523 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV026702.D
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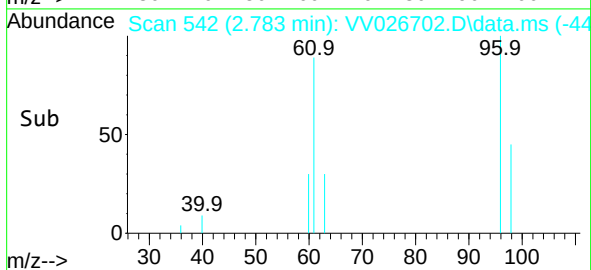
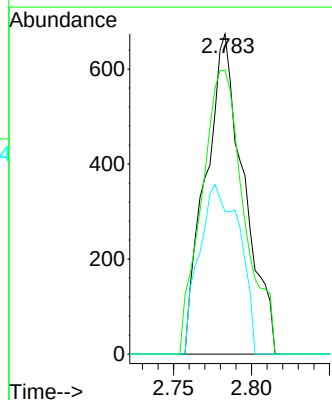
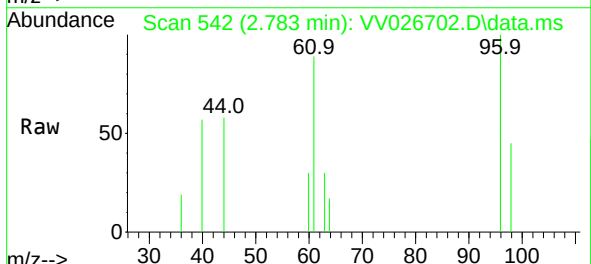
Instrument :
MSVOA_V
ClientSampleId :
DBUB0

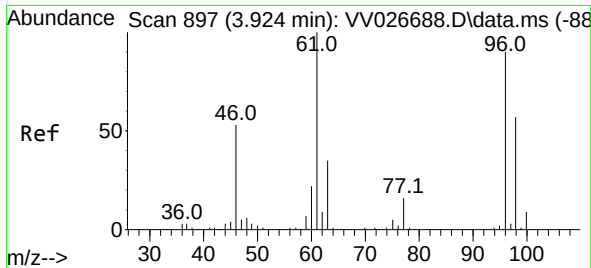
Tgt Ion: 84 Resp: 8582
Ion Ratio Lower Upper
84 100
86 58.5 46.0 85.4
49 103.3 77.7 144.3



#18
trans-1,2-Dichloroethene
Concen: 0.091 ug/L
RT: 2.783 min Scan# 542
Delta R.T. 0.013 min
Lab File: VV026702.D
Acq: 08 Jul 2022 17:34

Tgt Ion: 96 Resp: 1151
Ion Ratio Lower Upper
96 100
61 88.7 90.4 167.8#
98 44.5 45.6 84.8#

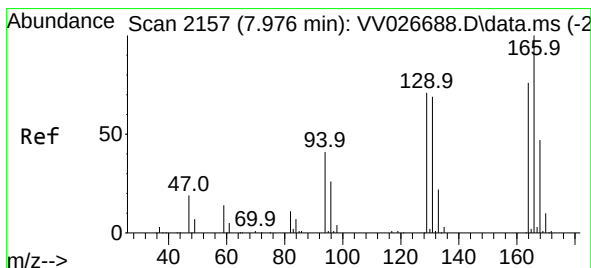
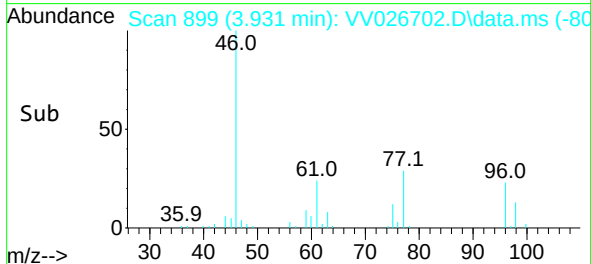
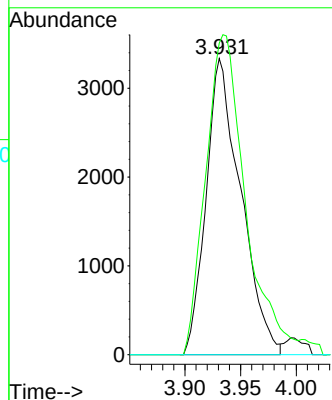
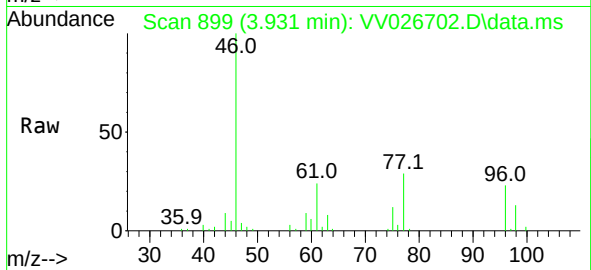




#22
 cis-1,2-Dichloroethene
 Concen: 0.577 ug/L
 RT: 3.931 min Scan# 899
 Delta R.T. 0.006 min
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 DBUB0

Tgt Ion: 96 Resp: 7229
 Ion Ratio Lower Upper
 96 100
 61 105.2 82.0 152.2
 68 0.0 0.0 0.0



#47
 Tetrachloroethene
 Concen: 0.109 ug/L
 RT: 7.979 min Scan# 2158
 Delta R.T. 0.003 min
 Lab File: VV026702.D
 Acq: 08 Jul 2022 17:34

Tgt Ion: 164 Resp: 1158
 Ion Ratio Lower Upper
 164 100
 129 96.3 66.4 123.2
 131 88.1 64.4 119.6
 166 131.2 88.1 163.7

