

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027698.D
 Acq On : 02 Sep 2022 04:41
 Operator : SY/MD
 Sample : N4402-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVB5

Quant Time: Sep 02 05:26:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 03:03:49 2022
 Response via : Initial Calibration

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

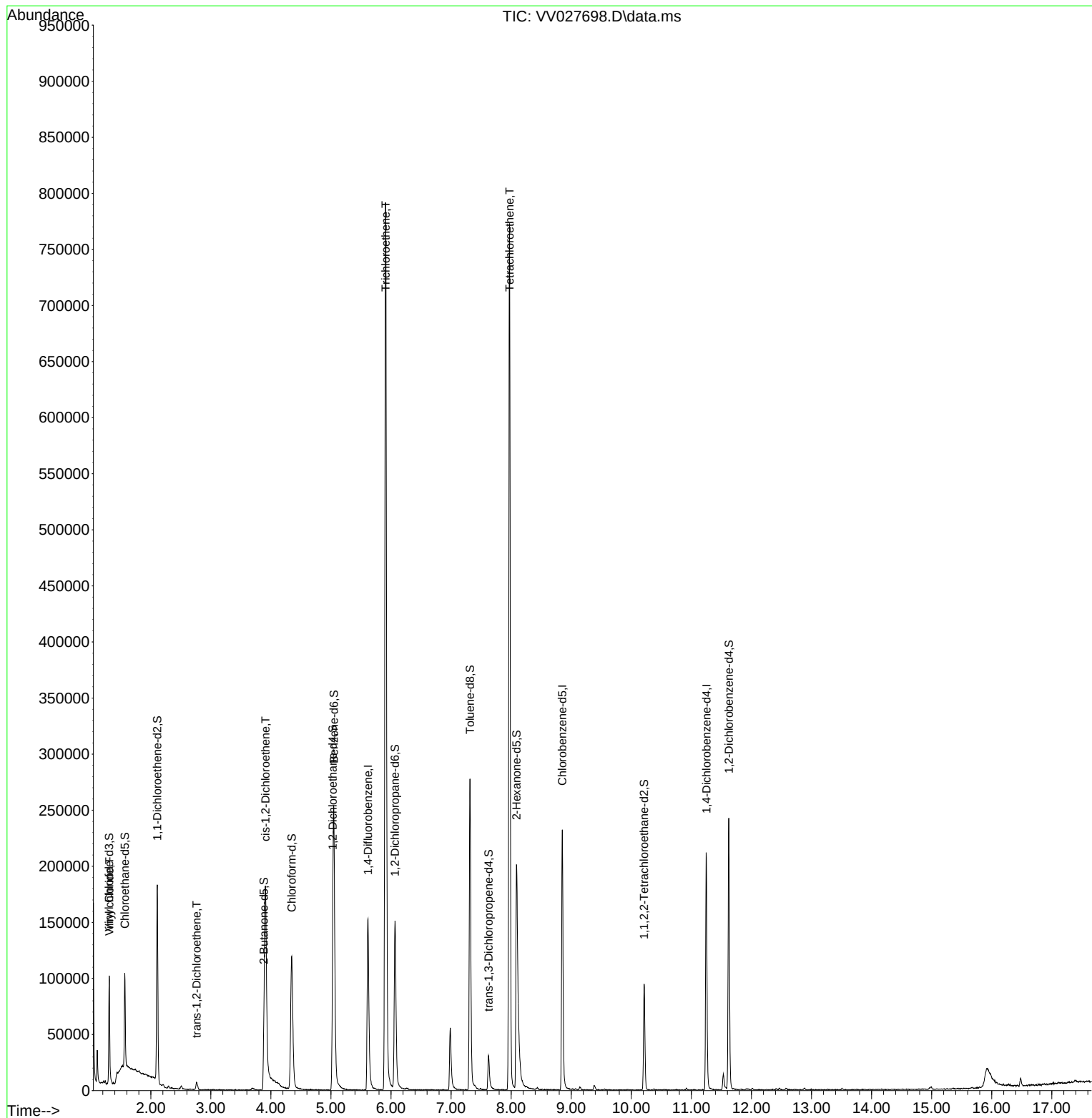
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	133391	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	129893	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56881	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	58940	4.067	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.568	69	53883	4.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.108	63	94077	3.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	3.883	46	79213	32.331	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.660%
24) Chloroform-d	4.346	84	123852	4.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.031	65	58772	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.047	84	234109	4.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.066	67	71732	4.359	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.313	98	187282	4.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	7.622	79	19881	3.921	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.088	63	88668	46.506	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.020%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44981	4.247	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	63008	4.948	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	9959	0.601	ug/L	# 74
18) trans-1,2-Dichloroethene	2.764	96	1773	0.140	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	93682	7.438	ug/L	88
34) Trichloroethene	5.908	95	276288	22.185	ug/L	98
47) Tetrachloroethene	7.973	164	167066	16.545	ug/L	99

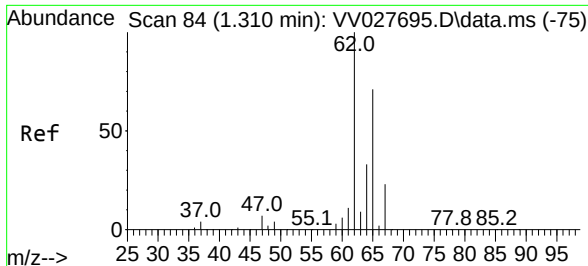
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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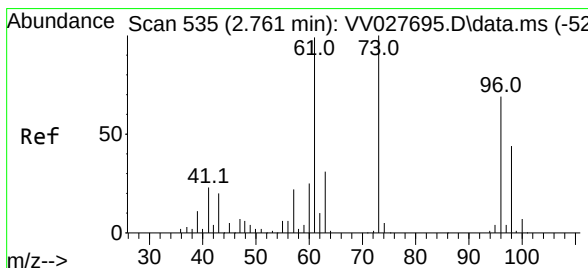
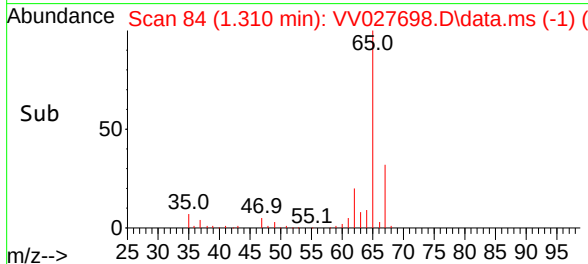
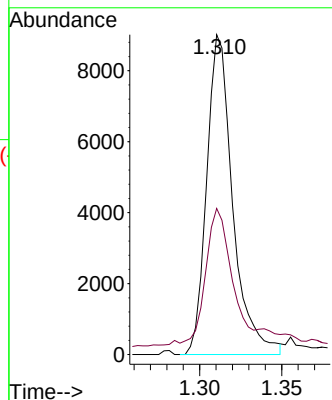
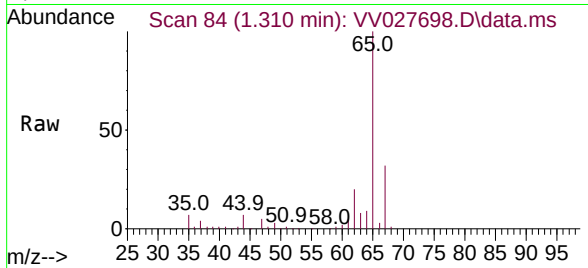




#5
 Vinyl chloride
 Concen: 0.601 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV027698.D
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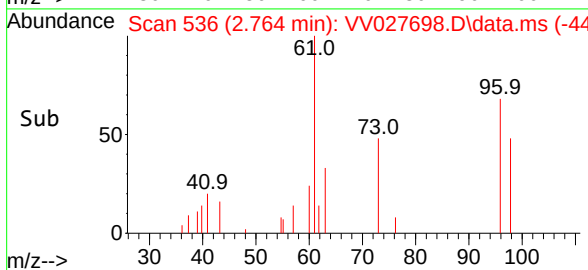
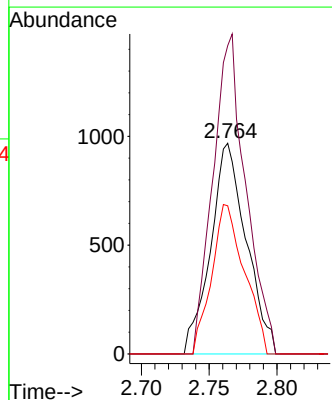
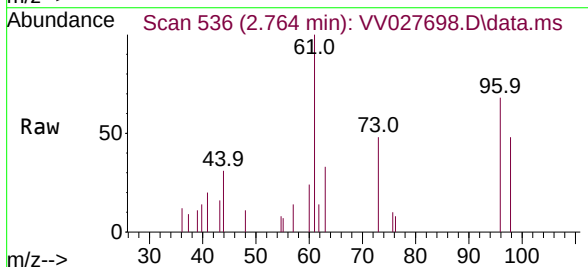
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 MSVOA_V
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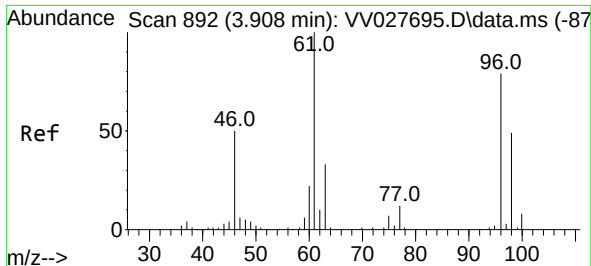
Tgt Ion: 62 Resp: 9959
 Ion Ratio Lower Upper
 62 100
 64 45.7 21.8 40.4#



#18
 trans-1,2-Dichloroethene
 Concen: 0.140 ug/L
 RT: 2.764 min Scan# 536
 Delta R.T. 0.003 min
 Lab File: VV027698.D
 Acq: 02 Sep 2022 04:41

Tgt Ion: 96 Resp: 1773
 Ion Ratio Lower Upper
 96 100
 61 146.4 101.8 189.0
 98 70.4 44.9 83.3

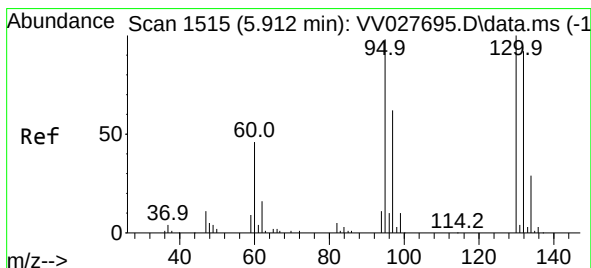
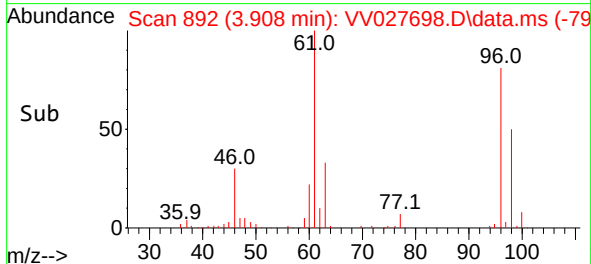
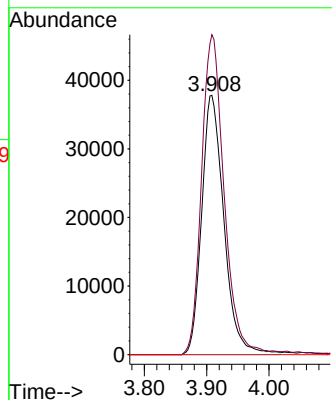
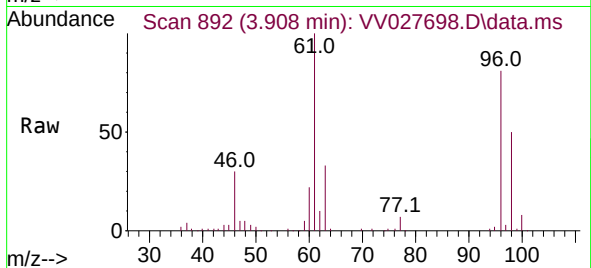




#22
 cis-1,2-Dichloroethene
 Concen: 7.438 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.000 min
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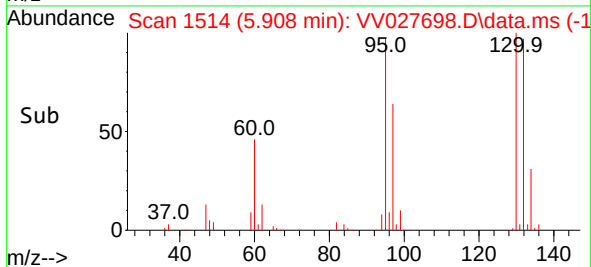
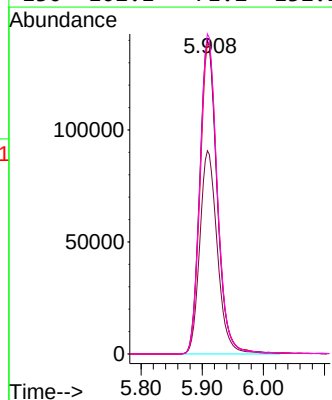
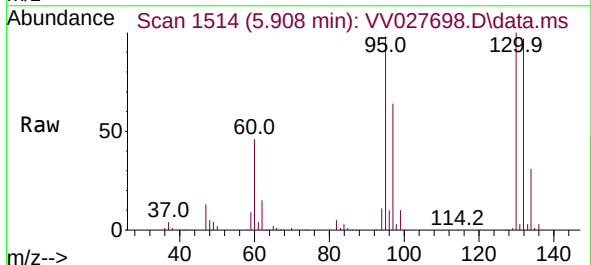
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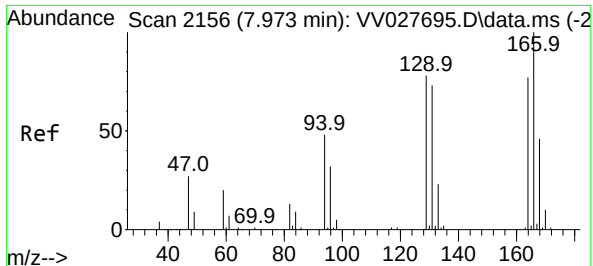
Tgt Ion: 96 Resp: 93682
 Ion Ratio Lower Upper
 96 100
 61 123.4 96.9 180.1
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 22.185 ug/L
 RT: 5.908 min Scan# 1514
 Delta R.T. -0.003 min
 Lab File: VV027698.D
 Acq: 02 Sep 2022 04:41

Tgt Ion: 95 Resp: 276288
 Ion Ratio Lower Upper
 95 100
 97 64.8 46.1 85.5
 132 99.0 67.3 125.1
 130 102.1 71.2 132.2





#47
Tetrachloroethene
Concen: 16.545 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV027698.D
Acq: 02 Sep 2022 04:41

Instrument :
MSVOA_V
ClientSampleId :
DBVB5

Tgt Ion:164 Resp: 167066

Ion	Ratio	Lower	Upper
164	100		
129	95.8	65.9	122.3
131	93.4	64.5	119.7
166	128.3	88.8	165.0

