

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083122\
 Data File : VW027639.D
 Acq On : 01 Sep 2022 01:07
 Operator : SY/MD
 Sample : N4366-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F08

Quant Time: Sep 01 04:16:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:22:45 2022
 Response via : Initial Calibration

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

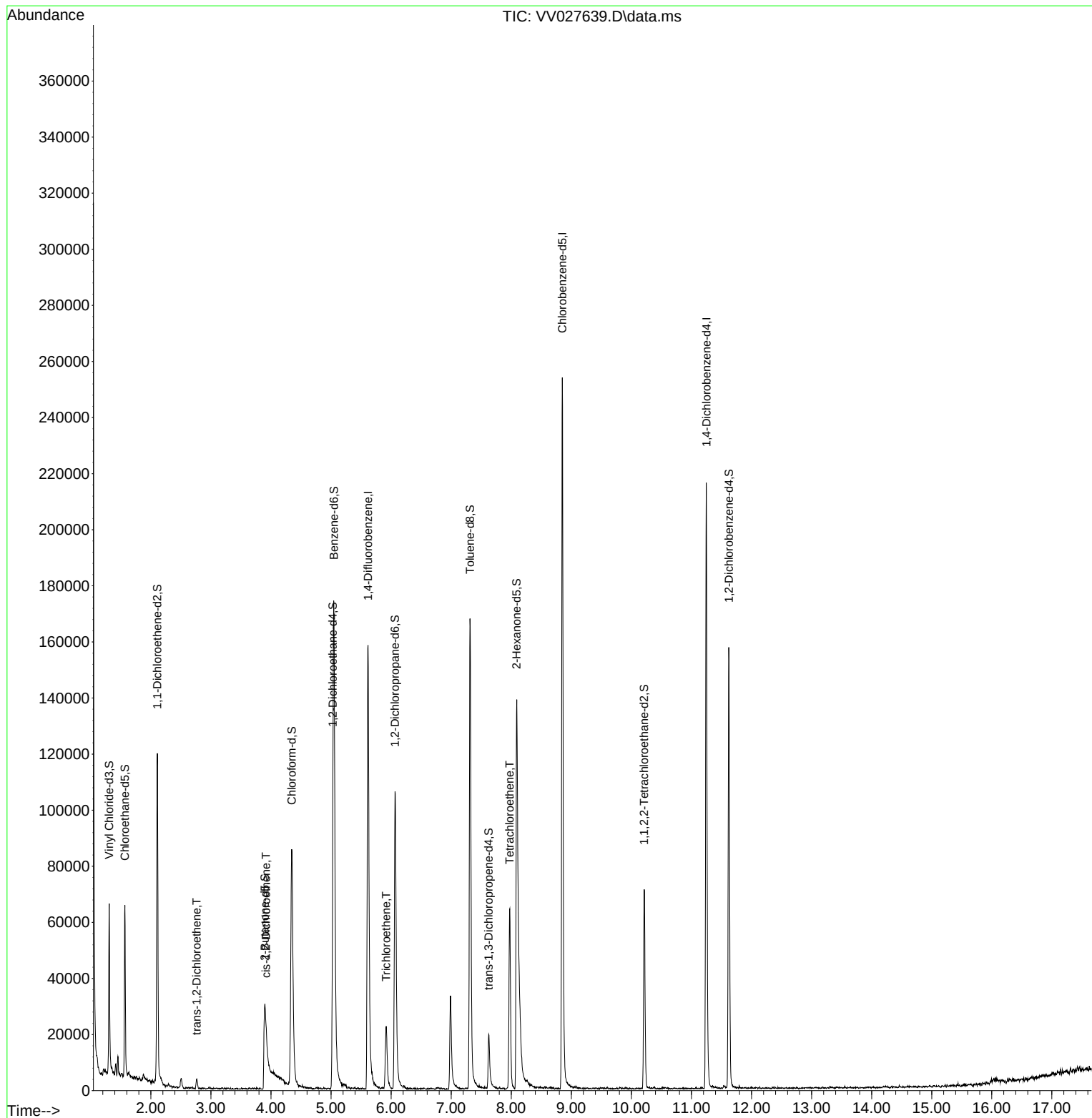
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	139152	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	138918	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55781	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42533	2.814	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.200%
7) Chloroethane-d5	1.568	69	38098	3.012	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.200%#
11) 1,1-Dichloroethene-d2	2.108	63	63595	2.149	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	43.000%#
20) 2-Butanone-d5	3.896	46	60658	23.733	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	47.460%
24) Chloroform-d	4.346	84	91439	3.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	60.200%#
26) 1,2-Dichloroethane-d4	5.031	65	42488	3.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.600%#
32) Benzene-d6	5.047	84	155878	2.739	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	54.800%#
36) 1,2-Dichloropropane-d6	6.066	67	53048	3.014	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	60.200%
41) Toluene-d8	7.314	98	116937	2.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	47.400%#
43) trans-1,3-Dichloroprop...	7.625	79	12727	2.347	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	47.000%#
46) 2-Hexanone-d5	8.088	63	57098	28.002	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	56.000%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35178	3.106	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	62.200%#
66) 1,2-Dichlorobenzene-d4	11.622	152	39708	3.180	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	63.600%#
Target Compounds						Qvalue
18) trans-1,2-Dichloroethene	2.761	96	1171	0.089	ug/L	# 66
22) cis-1,2-Dichloroethene	3.915	96	2977	0.227	ug/L	85
34) Trichloroethene	5.918	95	8411	0.631	ug/L	92
47) Tetrachloroethene	7.976	164	14946	1.384	ug/L	96

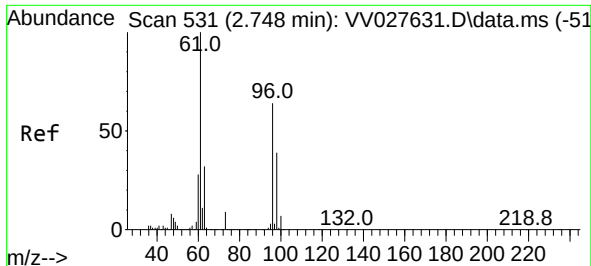
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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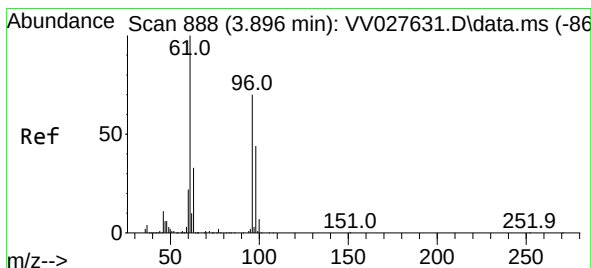
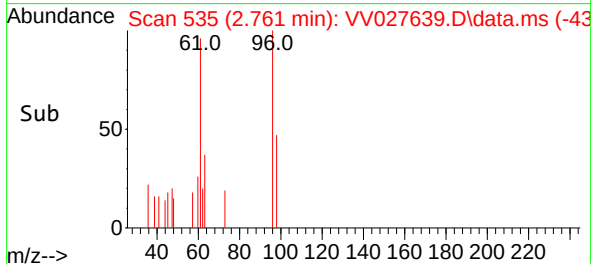
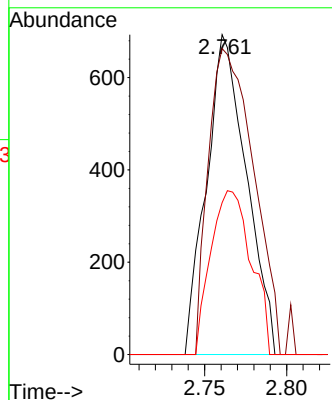
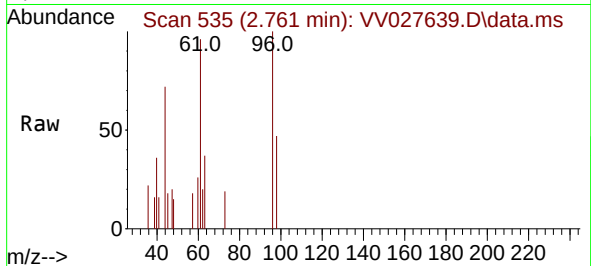




#18
trans-1,2-Dichloroethene
Concen: 0.089 ug/L
RT: 2.761 min Scan# 511
Delta R.T. 0.013 min
Lab File: VV027639.D
Acq: 01 Sep 2022 01:07

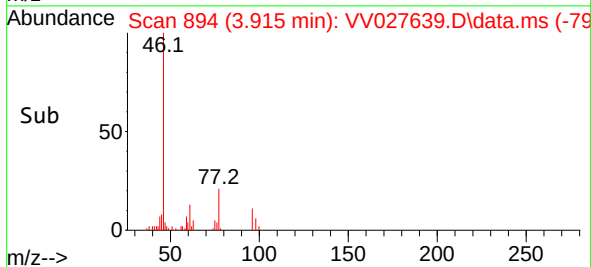
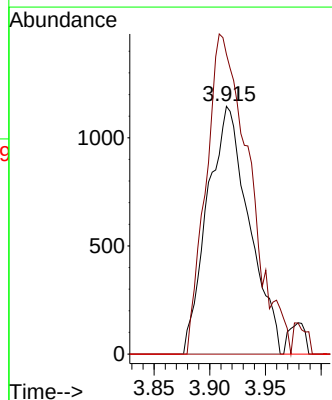
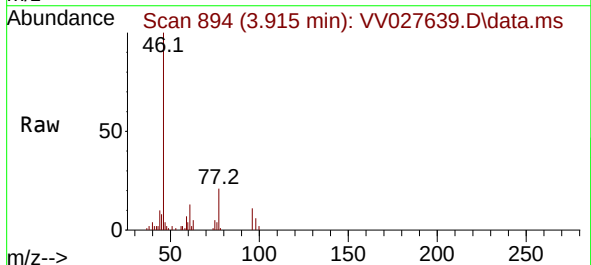
Instrument :
MSVOA_V
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F5F08

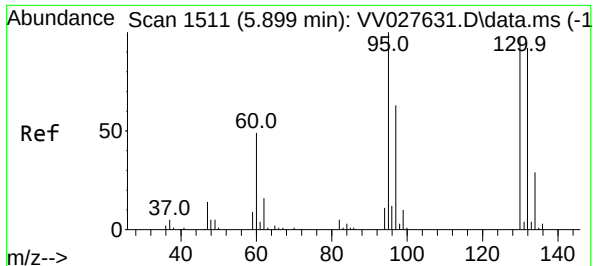
Tgt Ion: 96 Resp: 1171
Ion Ratio Lower Upper
96 100
61 95.7 101.8 189.0#
98 47.5 44.9 83.3



#22
cis-1,2-Dichloroethene
Concen: 0.227 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.019 min
Lab File: VV027639.D
Acq: 01 Sep 2022 01:07

Tgt Ion: 96 Resp: 2977
Ion Ratio Lower Upper
96 100
61 120.9 96.9 180.1
68 0.0 0.0 0.0



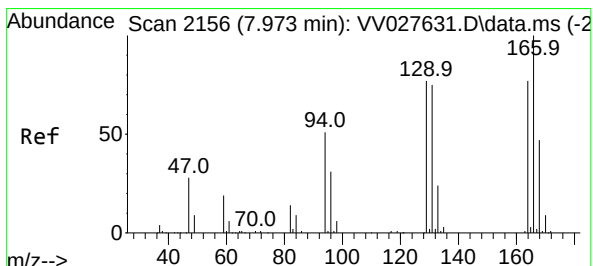
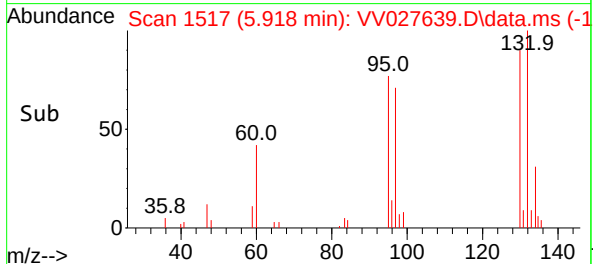
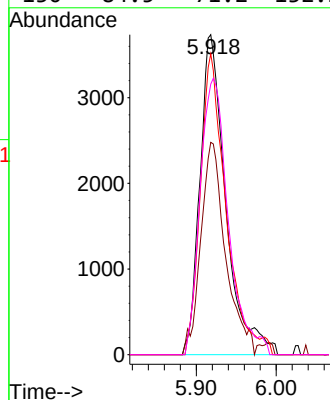
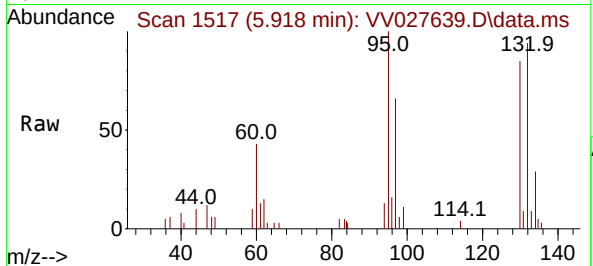


#34
 Trichloroethene
 Concen: 0.631 ug/L
 RT: 5.918 min Scan# 11
 Delta R.T. 0.019 min
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Tgt Ion: 95 Resp: 8411

Ion	Ratio	Lower	Upper
95	100		
97	66.4	46.1	85.5
132	94.0	67.3	125.1
130	84.5	71.2	132.2



#47
 Tetrachloroethene
 Concen: 1.384 ug/L
 RT: 7.976 min Scan# 2157
 Delta R.T. 0.003 min
 Lab File: VV027639.D
 Acq: 01 Sep 2022 01:07

Tgt Ion: 164 Resp: 14946

Ion	Ratio	Lower	Upper
164	100		
129	94.6	65.9	122.3
131	89.4	64.5	119.7
166	118.7	88.8	165.0

