

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021722\
 Data File : VW024740.D
 Acq On : 17 Feb 2022 22:20
 Operator : SY/MD
 Sample : N1522-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4M72

Quant Time: Feb 18 07:37:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:32:51 2022
 Response via : Initial Calibration

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

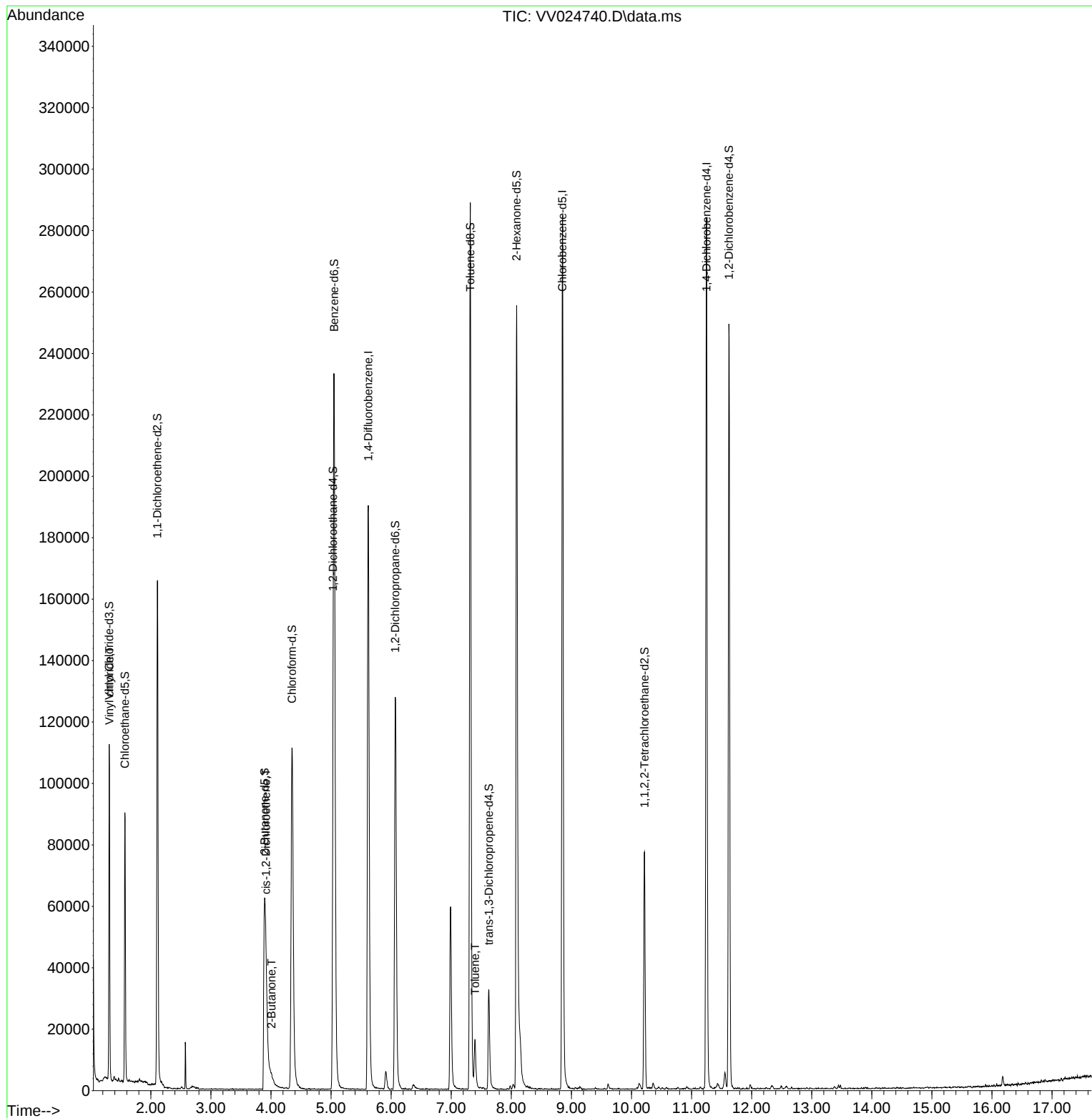
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	165748	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	155681	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69250	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	65841	4.683	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.568	69	55449	4.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.108	63	86629	3.363	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	3.892	46	115312	57.424	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.840%
24) Chloroform-d	4.349	84	102967	4.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.034	65	49132	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.050	84	215067	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.069	67	64763	4.900	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.317	98	188217	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.625	79	20282	4.606	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.088	63	89720	51.786	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39669	4.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	59501	4.966	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
5) Vinyl chloride	1.310	62	1841	0.104	ug/L	# 31
21) 2-Butanone	4.008	43	6793	3.104	ug/L	83
22) cis-1,2-Dichloroethene	3.915	96	8065	0.605	ug/L	100
42) Toluene	7.397	91	12967	0.231	ug/L	99

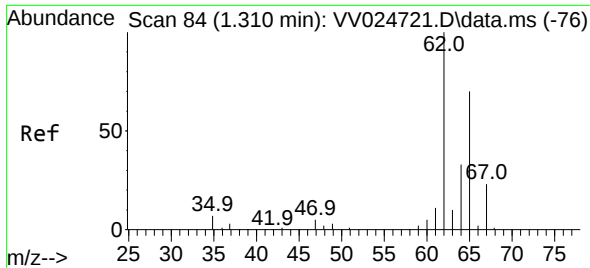
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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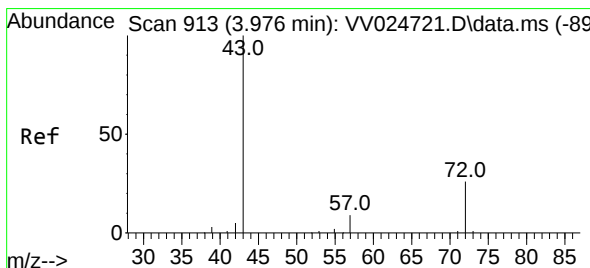
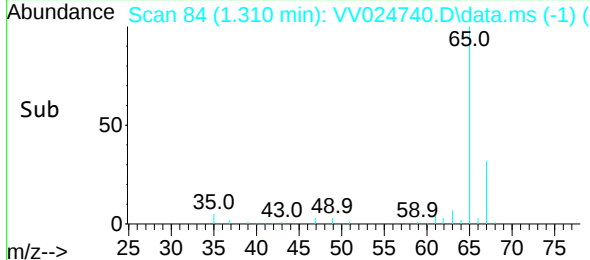
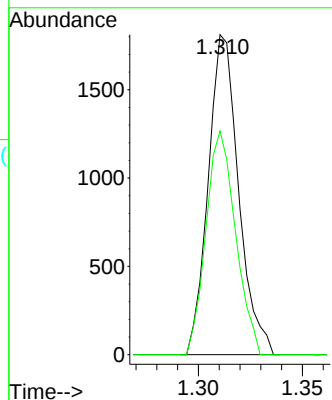
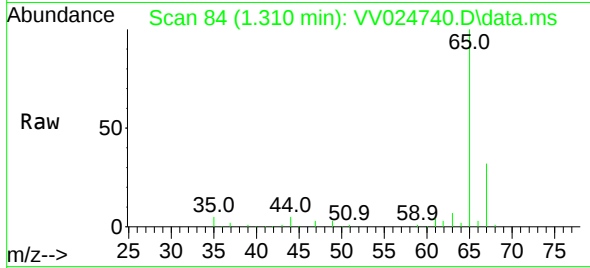




#5
 Vinyl chloride
 Concen: 0.104 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024740.D
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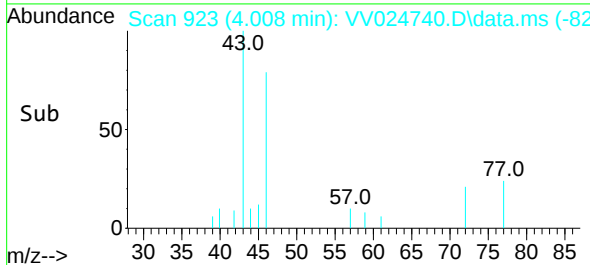
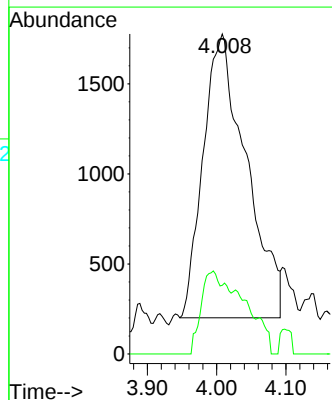
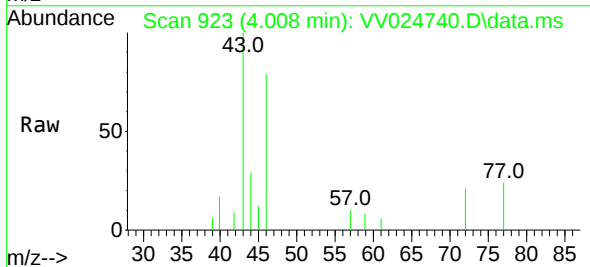
Instrument :
 MSVOA_V
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 F4M72

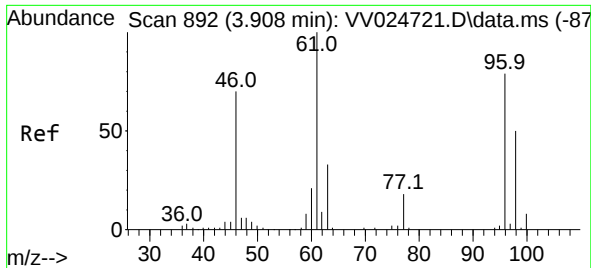
Tgt Ion: 62 Resp: 1841
 Ion Ratio Lower Upper
 62 100
 64 70.0 22.2 41.2#



#21
 2-Butanone
 Concen: 3.104 ug/L
 RT: 4.008 min Scan# 923
 Delta R.T. 0.032 min
 Lab File: VV024740.D
 Acq: 17 Feb 2022 22:20

Tgt Ion: 43 Resp: 6793
 Ion Ratio Lower Upper
 43 100
 72 17.5 13.2 39.6

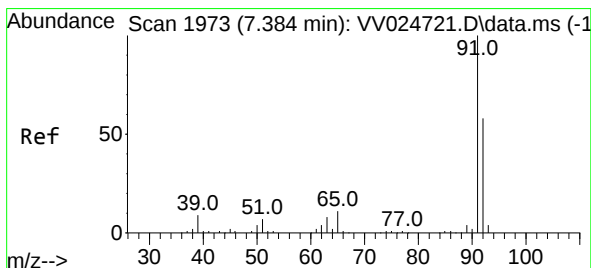
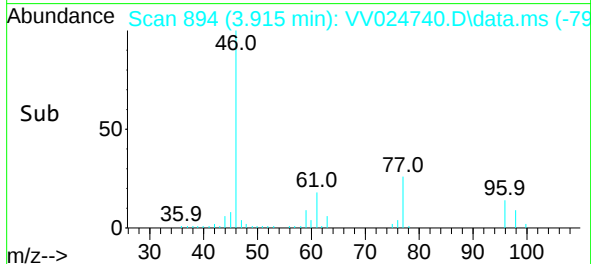
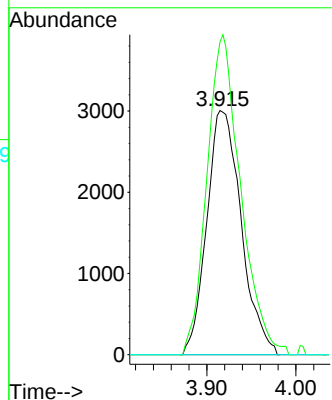
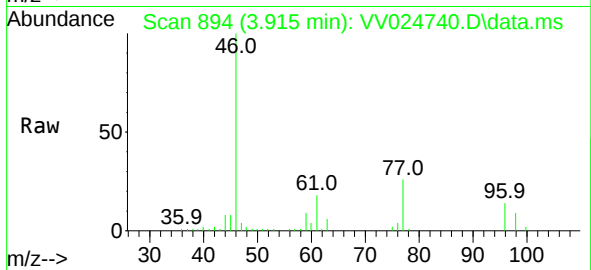




#22
 cis-1,2-Dichloroethene
 Concen: 0.605 ug/L
 RT: 3.915 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV024740.D
 Acq: 17 Feb 2022 22:20

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Tgt Ion: 96 Resp: 8065
 Ion Ratio Lower Upper
 96 100
 61 128.2 89.7 166.5
 68 0.0 0.0 0.0



#42
 Toluene
 Concen: 0.231 ug/L
 RT: 7.397 min Scan# 1977
 Delta R.T. 0.013 min
 Lab File: VV024740.D
 Acq: 17 Feb 2022 22:20

Tgt Ion: 91 Resp: 12967
 Ion Ratio Lower Upper
 91 100
 92 56.9 40.3 74.9

