

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111122\
 Data File : VV028891.D
 Acq On : 11 Nov 2022 21:38
 Operator : SY/MD
 Sample : N5592-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB8

Quant Time: Nov 12 02:58:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 22:27:09 2022
 Response via : Initial Calibration

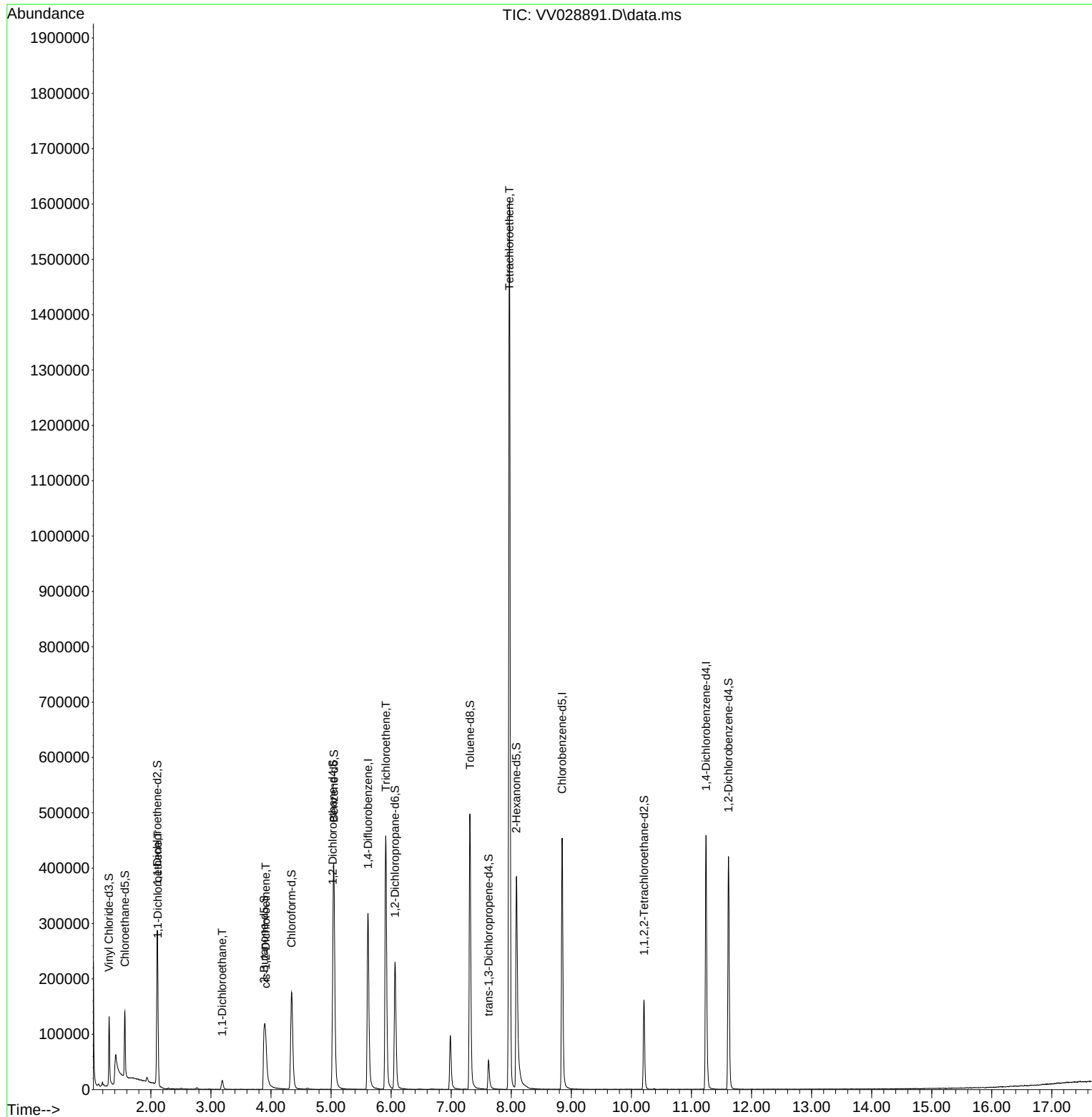
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	298464	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	274557	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	131675	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	88507	4.864	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.568	69	79765	4.987	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.108	63	130975	3.950	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	3.886	46	186311	61.168	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.340%
24) Chloroform-d	4.342	84	190560	5.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.031	65	88599	5.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.047	84	403905	4.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.066	67	119641	5.228	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.313	98	362809	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.622	79	34626	4.639	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.085	63	167822	52.678	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.360%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	80972	5.104	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	120205	5.103	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
12) 1,1-Dichloroethene	2.117	96	22384	1.239	ug/L	3
19) 1,1-Dichloroethane	3.188	63	17025	0.497	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	31336	1.471	ug/L	99
34) Trichloroethene	5.912	95	166328	7.744	ug/L	98
47) Tetrachloroethene	7.969	164	368774	21.442	ug/L	99

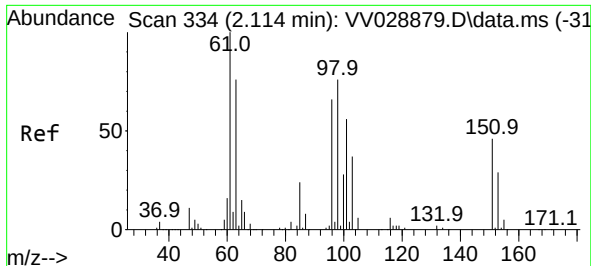
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.239 ug/L

RT: 2.117 min Scan# 31

Delta R.T. 0.003 min

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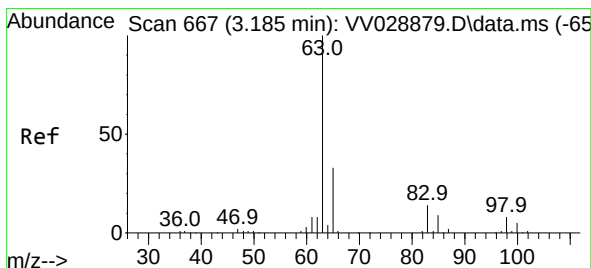
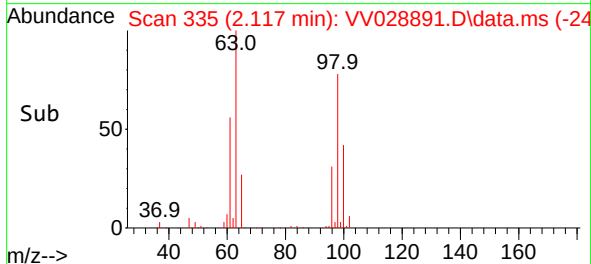
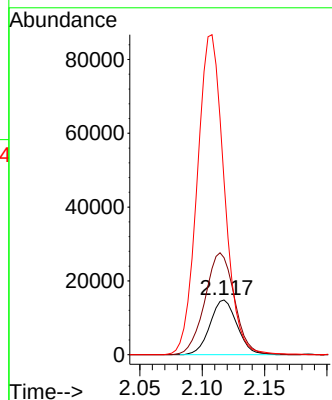
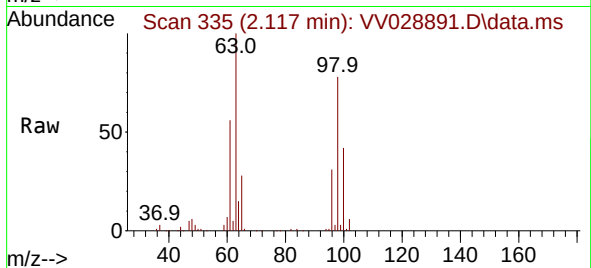
Tgt Ion: 96 Resp: 22384

Ion Ratio Lower Upper

96 100

61 177.3 104.2 193.4

63 318.0 75.9 140.9#



#19

1,1-Dichloroethane

Concen: 0.497 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.003 min

Lab File: VV028891.D

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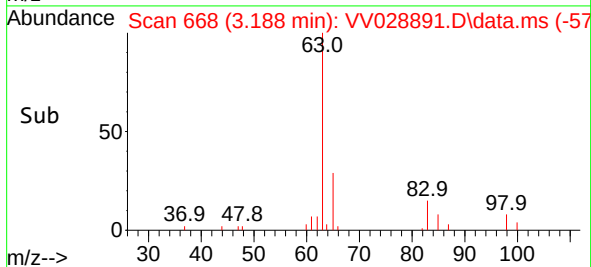
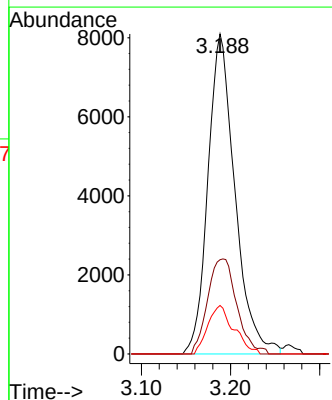
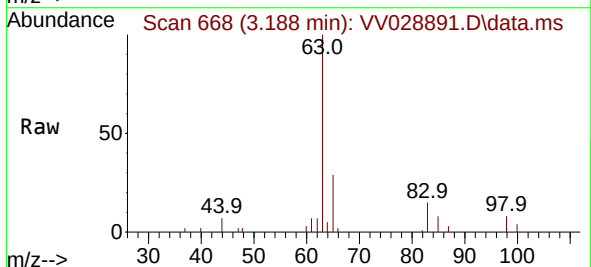
Tgt Ion: 63 Resp: 17025

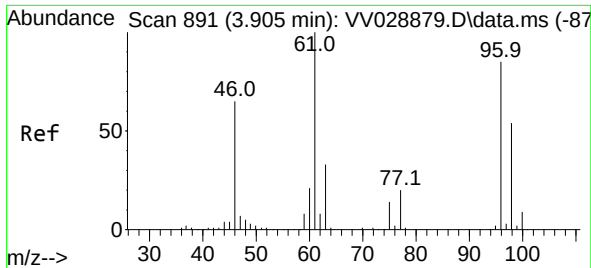
Ion Ratio Lower Upper

63 100

65 29.4 23.0 42.6

83 15.1 9.4 17.6

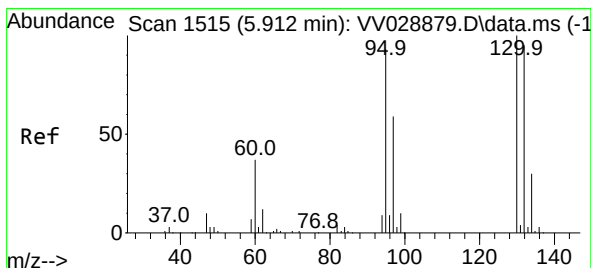
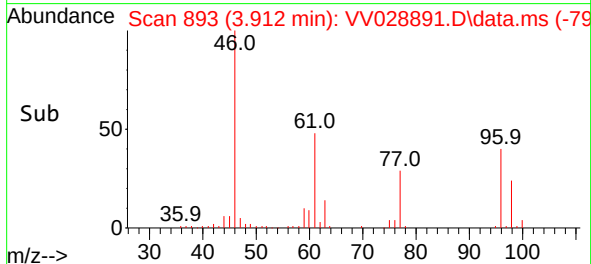
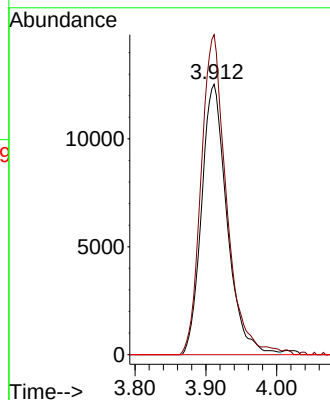
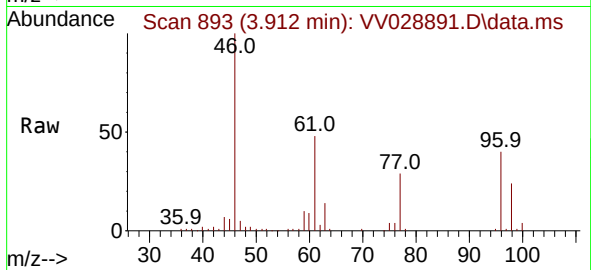




#22
 cis-1,2-Dichloroethene
 Concen: 1.471 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV028891.D
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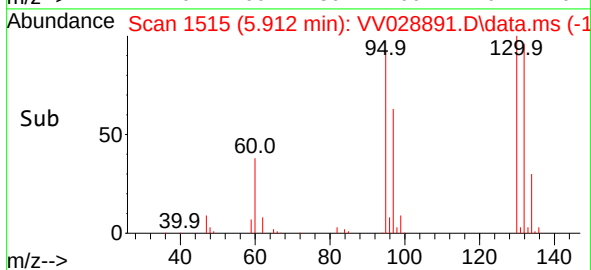
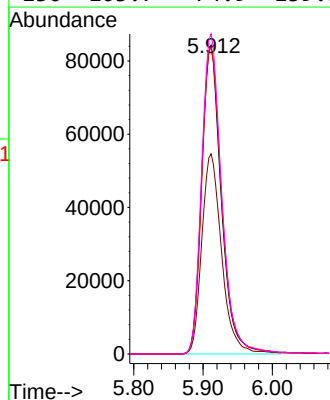
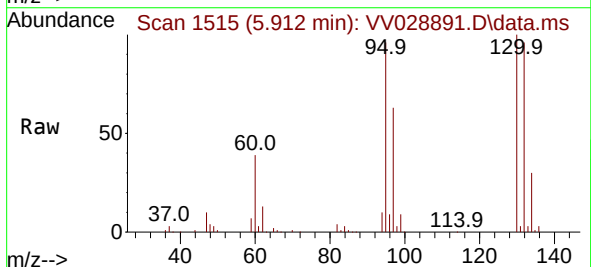
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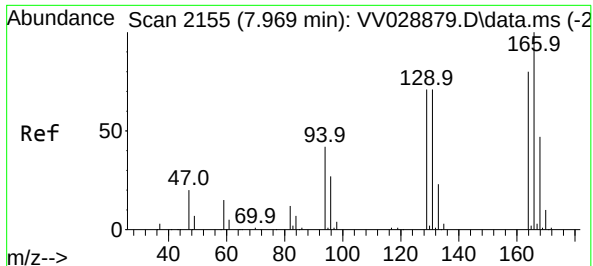
Tgt Ion: 96 Resp: 31336
 Ion Ratio Lower Upper
 96 100
 61 118.3 82.3 152.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 7.744 ug/L
 RT: 5.912 min Scan# 1515
 Delta R.T. -0.000 min
 Lab File: VV028891.D
 Acq: 11 Nov 2022 21:38

Tgt Ion: 95 Resp: 166328
 Ion Ratio Lower Upper
 95 100
 97 64.8 45.6 84.8
 132 99.3 69.1 128.3
 130 103.7 74.9 139.1





#47
Tetrachloroethene
Concen: 21.442 ug/L
RT: 7.969 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028891.D
Acq: 11 Nov 2022 21:38

Instrument :
MSVOA_V
ClientSampleId :
H0AB8

Tgt Ion:164 Resp: 368774
Ion Ratio Lower Upper
164 100
129 92.9 63.9 118.7
131 89.3 61.8 114.8
166 127.0 90.2 167.4

