

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072022\
 Data File : VV026856.D
 Acq On : 20 Jul 2022 18:21
 Operator : SY/MD
 Sample : N3802-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBHX3

Quant Time: Jul 21 01:52:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 21 01:47:16 2022
 Response via : Initial Calibration

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

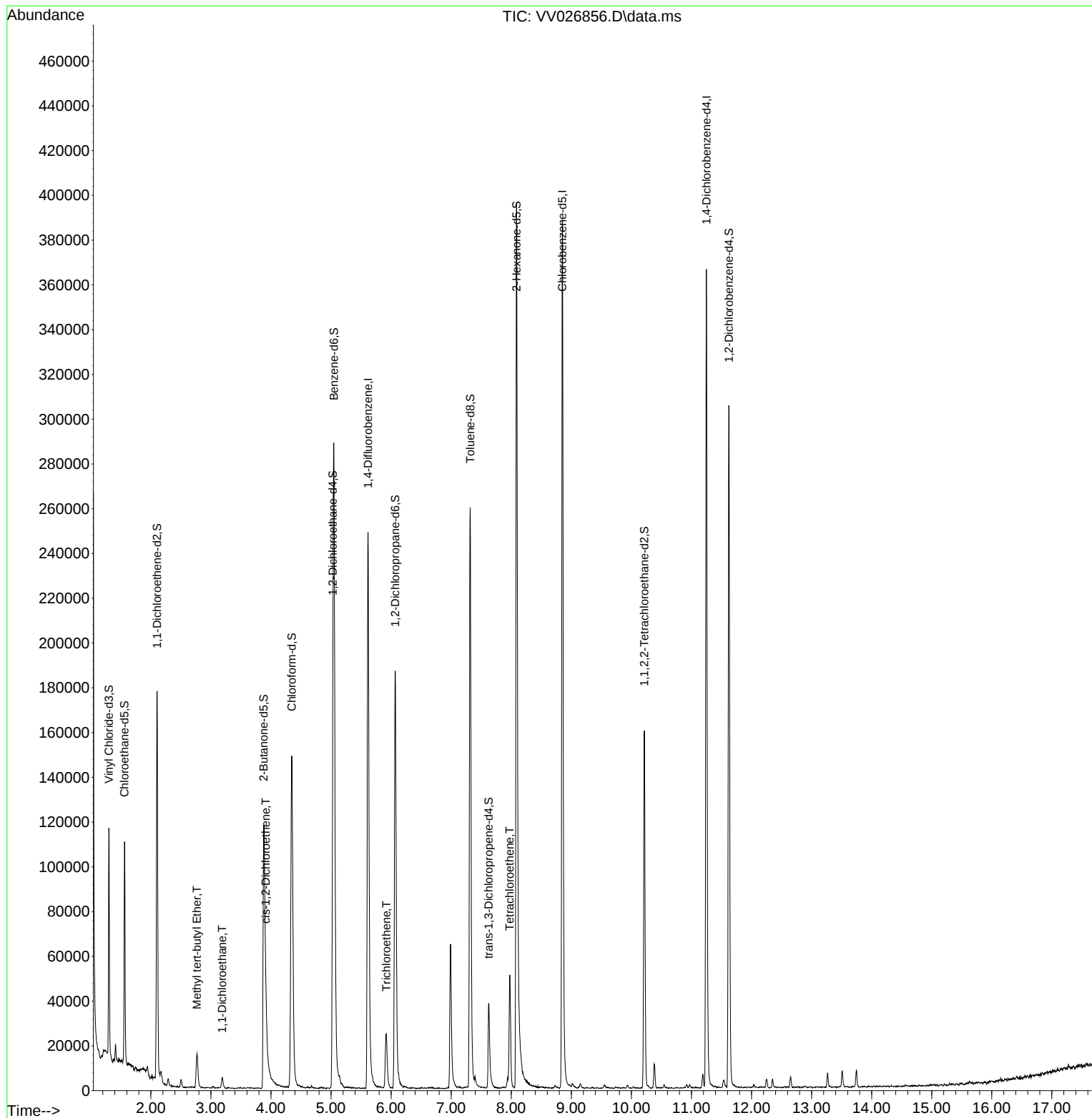
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	223505	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	229877	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	98324	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	63728	3.125	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.561	69	65570	3.722	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	2.101	63	89405	2.284	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.600%#
20) 2-Butanone-d5	3.880	46	192540	60.503	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.000%
24) Chloroform-d	4.346	84	160634	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.031	65	73719	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.047	84	267709	3.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
36) 1,2-Dichloropropane-d6	6.069	67	96145	4.591	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.317	98	184170	2.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.400%#
43) trans-1,3-Dichloroprop...	7.625	79	25464	3.716	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.088	63	142759	48.120	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.240%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	79345	4.863	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	80345	4.690	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.767	73	14022	0.415	ug/L	98
19) 1,1-Dichloroethane	3.188	63	4686	0.142	ug/L #	85
22) cis-1,2-Dichloroethene	3.912	96	2235	0.123	ug/L	77
34) Trichloroethene	5.921	95	8157	0.432	ug/L	93
47) Tetrachloroethene	7.976	164	11871	0.801	ug/L	99

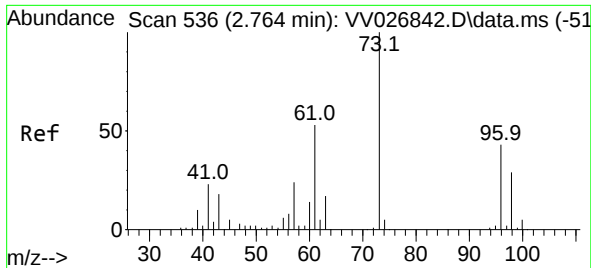
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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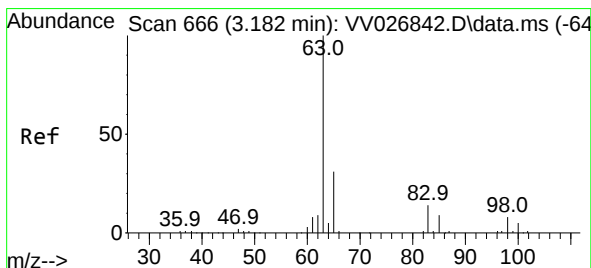
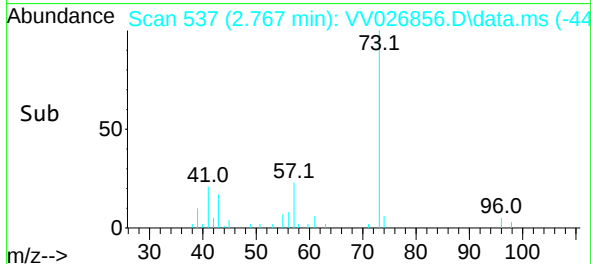
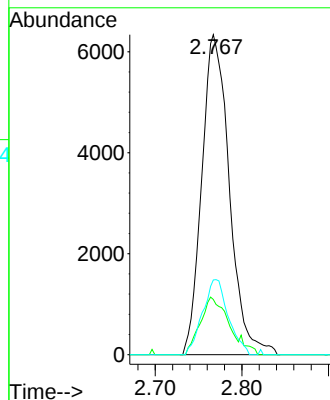
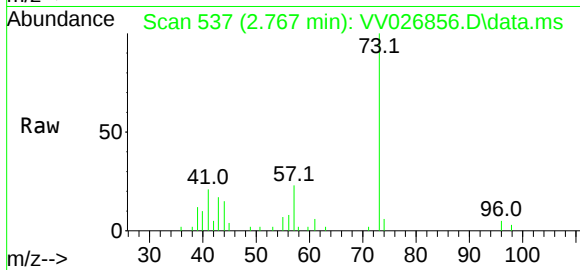




#17
Methyl tert-butyl Ether
Concen: 0.415 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026856.D
Acq: 20 Jul 2022 18:21

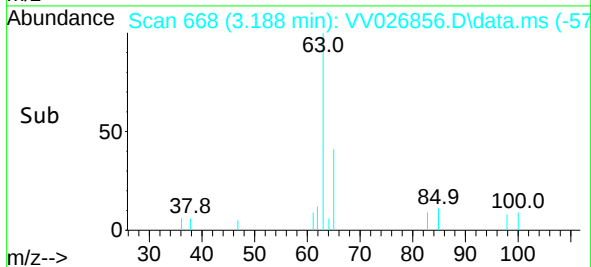
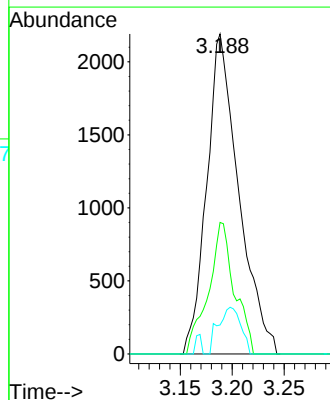
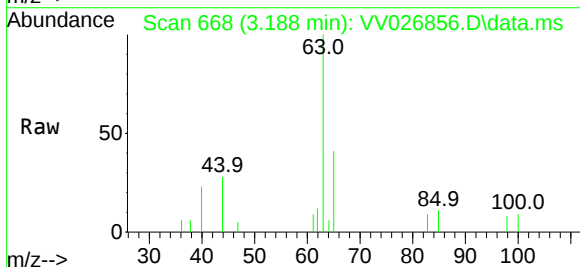
Instrument :
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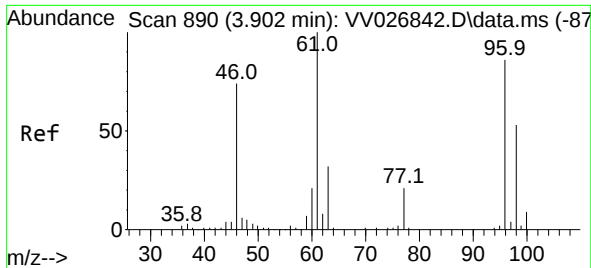
Tgt Ion: 73 Resp: 14022
Ion Ratio Lower Upper
73 100
43 19.0 14.0 21.0
57 21.9 17.6 26.4



#19
1,1-Dichloroethane
Concen: 0.142 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.006 min
Lab File: VV026856.D
Acq: 20 Jul 2022 18:21

Tgt Ion: 63 Resp: 4686
Ion Ratio Lower Upper
63 100
65 41.1 22.3 41.3
83 9.0 9.9 18.5#

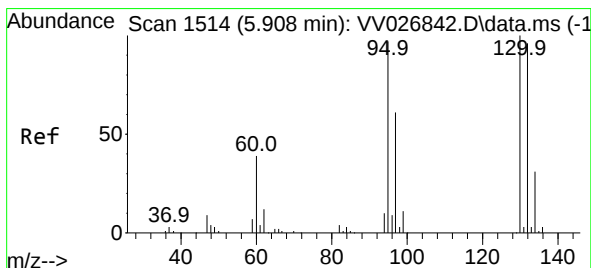
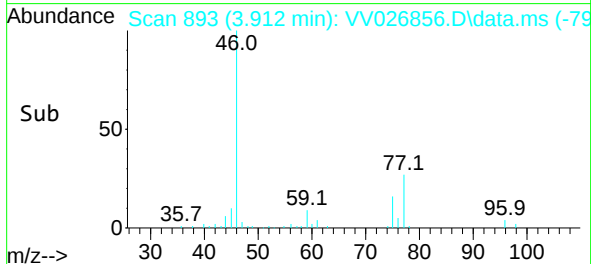
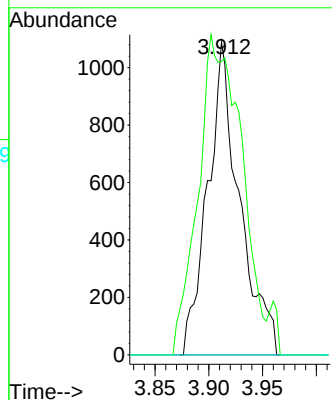
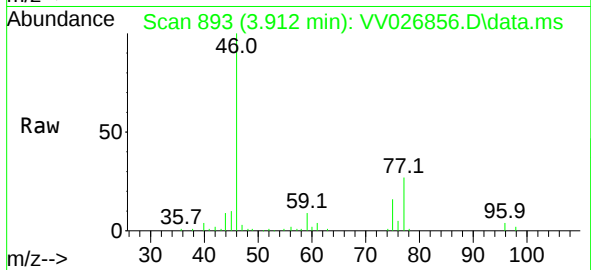




#22
 cis-1,2-Dichloroethene
 Concen: 0.123 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV026856.D
 Acq: 20 Jul 2022 18:21

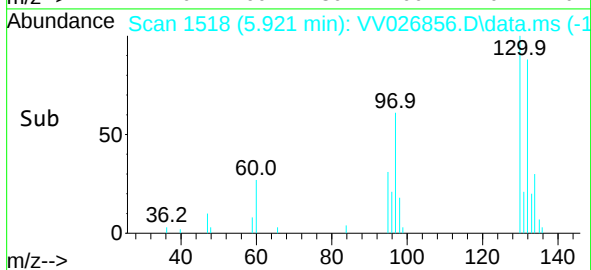
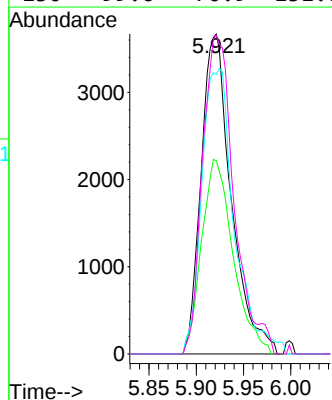
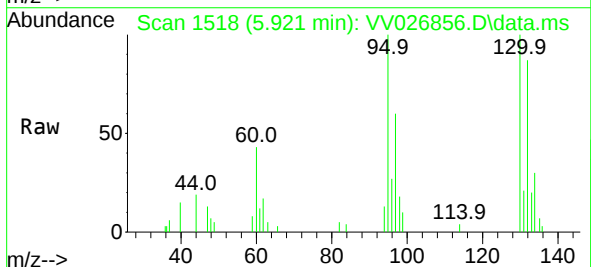
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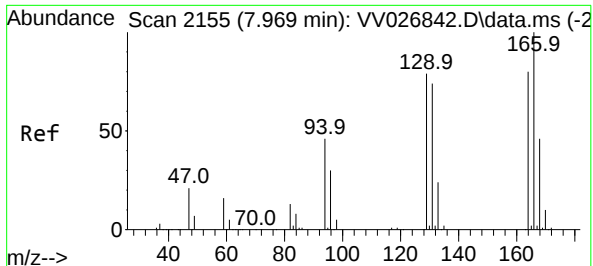
Tgt Ion: 96 Resp: 2235
 Ion Ratio Lower Upper
 96 100
 61 93.8 83.9 155.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 0.432 ug/L
 RT: 5.921 min Scan# 1518
 Delta R.T. 0.013 min
 Lab File: VV026856.D
 Acq: 20 Jul 2022 18:21

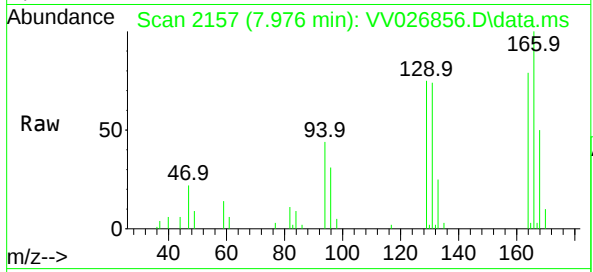
Tgt Ion: 95 Resp: 8157
 Ion Ratio Lower Upper
 95 100
 97 60.4 44.6 82.8
 132 87.4 70.2 130.4
 130 99.6 70.9 131.7





#47
 Tetrachloroethene
 Concen: 0.801 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV026856.D
 Acq: 20 Jul 2022 18:21

Instrument :
 MSVOA_V
 ClientSampleId :
 GBHX3



Tgt Ion:164 Resp: 11871

Ion	Ratio	Lower	Upper
164	100		
129	95.4	67.8	125.8
131	94.8	65.9	122.5
166	127.3	88.8	164.8

