

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027675.D
 Acq On : 01 Sep 2022 18:34
 Operator : SY/MD
 Sample : N4366-07DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E76DL

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022

Quant Time: Sep 02 00:18:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 00:17:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.596	114	151826	5.000	ug/L	-0.01
28) Chlorobenzene-d5	8.860	117	125457	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52608	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	61214	3.711	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.200%	
7) Chloroethane-d5	1.558	69	50926	3.690	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.800%	
11) 1,1-Dichloroethene-d2	2.098	63	89576m	2.775	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	55.400%#	
20) 2-Butanone-d5	3.956	46	137496	49.305	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.620%	
24) Chloroform-d	4.346	84	121980	3.684	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	73.600%	
26) 1,2-Dichloroethane-d4	5.021	65	66519	4.485	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
32) Benzene-d6	5.027	84	229379	4.464	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
36) 1,2-Dichloropropane-d6	6.063	67	73263	4.609	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.200%	
41) Toluene-d8	7.333	98	186471	4.190	ug/L	0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
43) trans-1,3-Dichloroprop...	7.641	79	22164	4.526	ug/L	0.01
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.600%	
46) 2-Hexanone-d5	8.114	63	76091	41.321	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.640%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	42919	4.196	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	56585	4.804	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.000%	
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.780	73	15658	0.578	ug/L #	73
18) trans-1,2-Dichloroethene	2.751	96	72580	5.053	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	52581	3.668	ug/L #	96
34) Trichloroethene	5.895	95	19311	1.605	ug/L	97
47) Tetrachloroethene	7.988	164	1022	0.105	ug/L	77

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

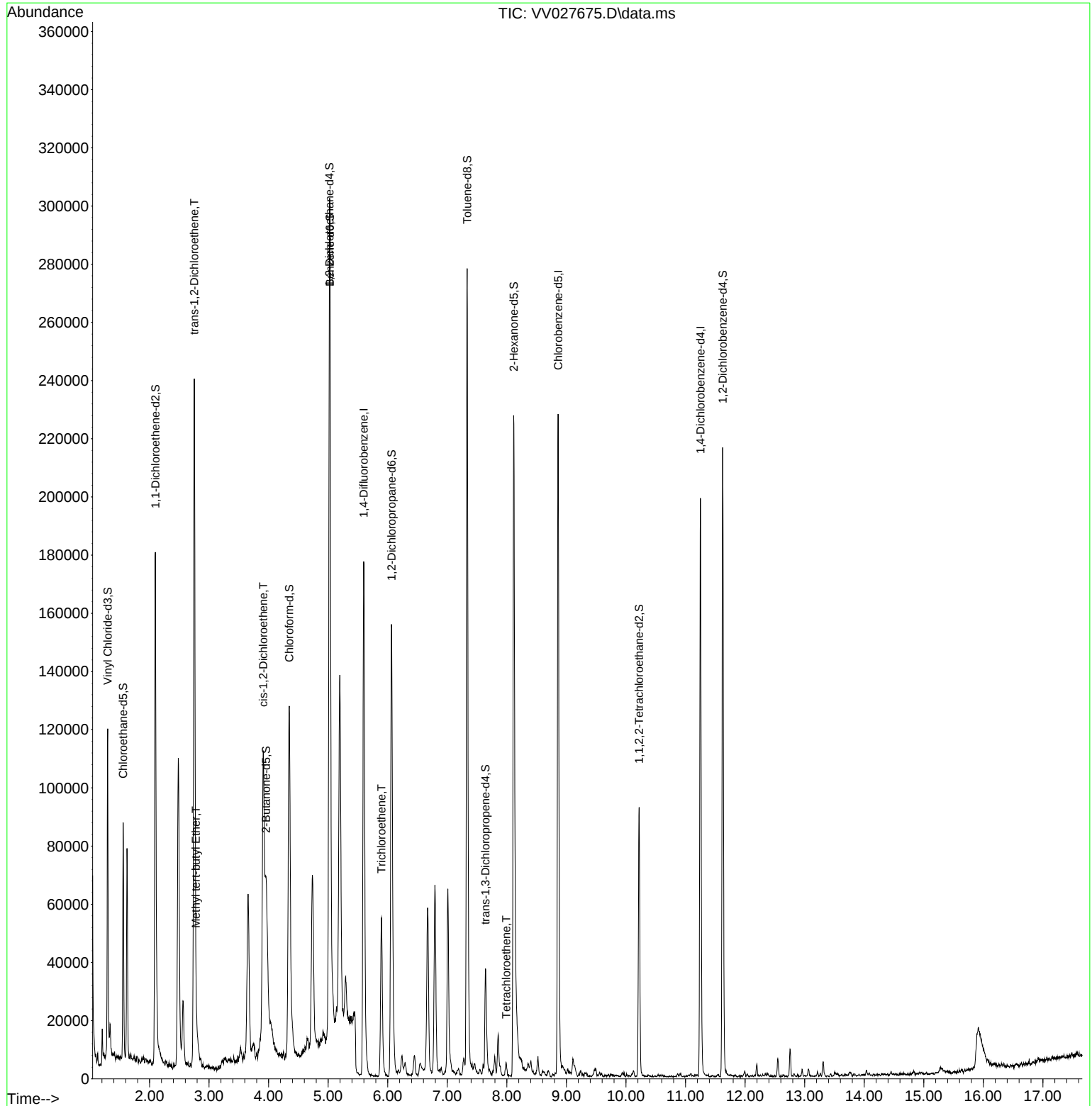
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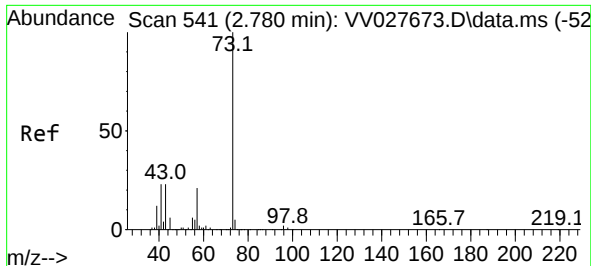
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 02 00:17:48 2022
Response via : Initial Calibration





#17

Methyl tert-butyl Ether

Concen: 0.578 ug/L

RT: 2.780 min Scan# 541

Delta R.T. -0.000 min

Lab File: VV027675.D

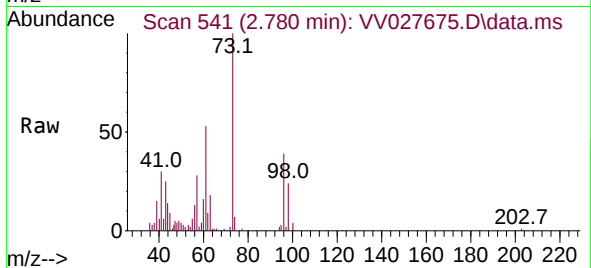
Acq: 01 Sep 2022 18:34

Instrument :

MSVOA_V

ClientSampleId :

F5E76DL



Tgt Ion: 73 Resp: 15658

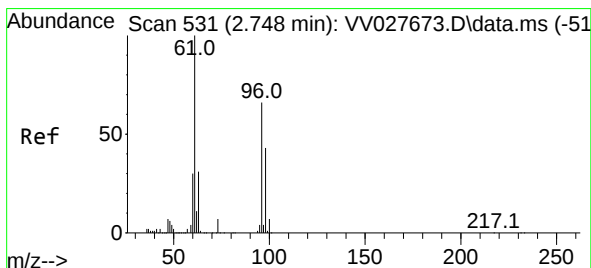
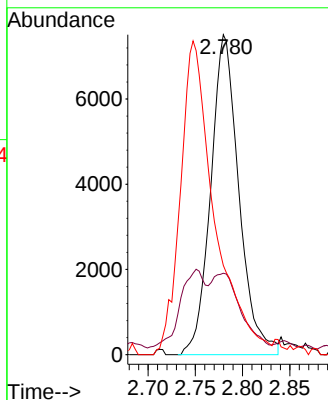
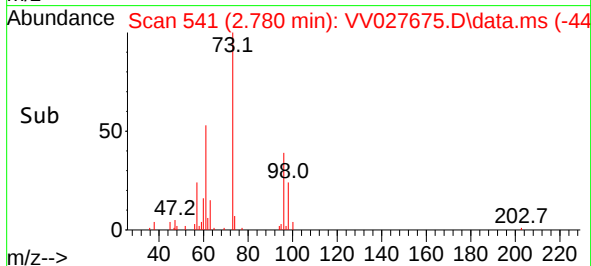
Ion	Ratio	Lower	Upper
73	100		
43	22.4	16.5	24.7
57	0.0	18.2	27.2

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#18

trans-1,2-Dichloroethene

Concen: 5.053 ug/L

RT: 2.751 min Scan# 532

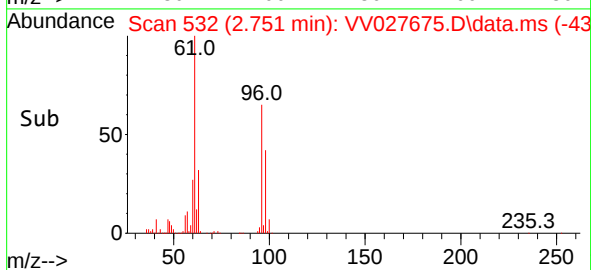
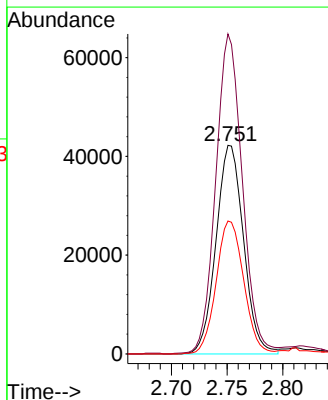
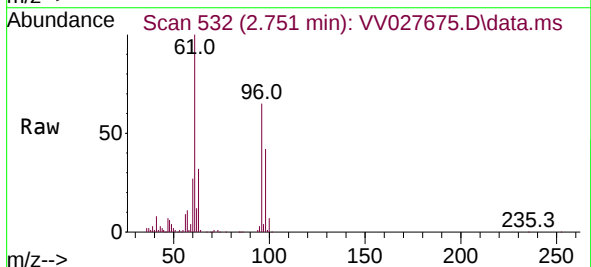
Delta R.T. 0.003 min

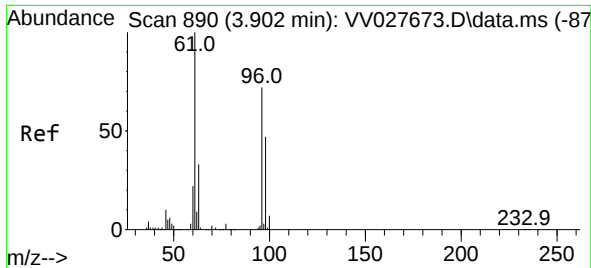
Lab File: VV027675.D

Acq: 01 Sep 2022 18:34

Tgt Ion: 96 Resp: 72580

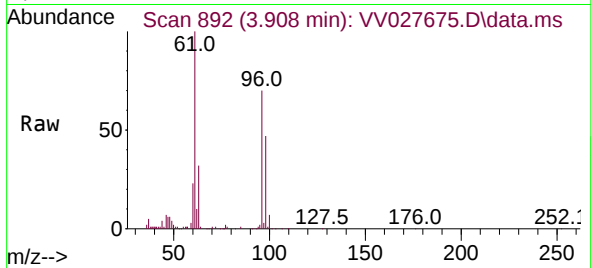
Ion	Ratio	Lower	Upper
96	100		
61	153.5	101.8	189.0
98	63.7	44.9	83.3





#22
cis-1,2-Dichloroethene
Concen: 3.668 ug/L
RT: 3.908 min Scan# 890
Delta R.T. 0.006 min
Lab File: VV027675.D
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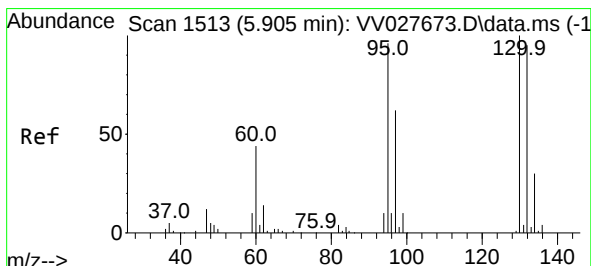
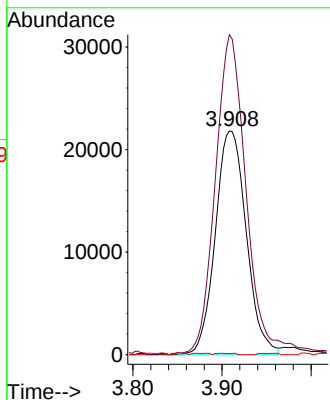
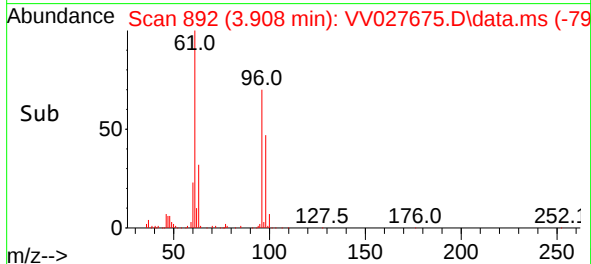
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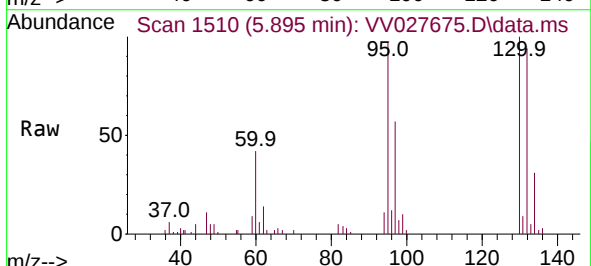
Tgt Ion: 96 Resp: 5258
Ion Ratio Lower Upper
96 100
61 143.2 96.9 180.1
68 0.5 0.0 0.0

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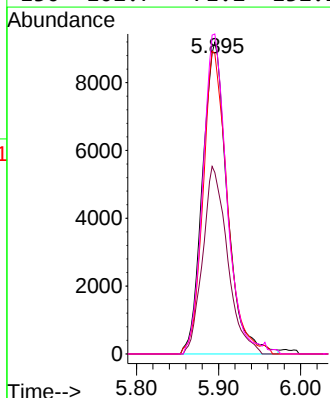
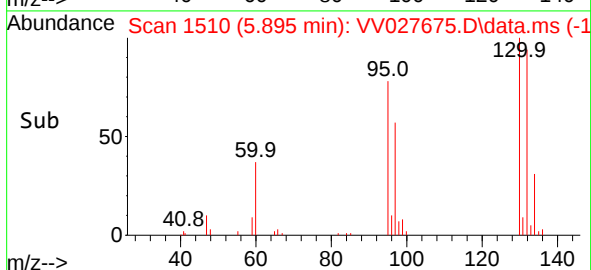
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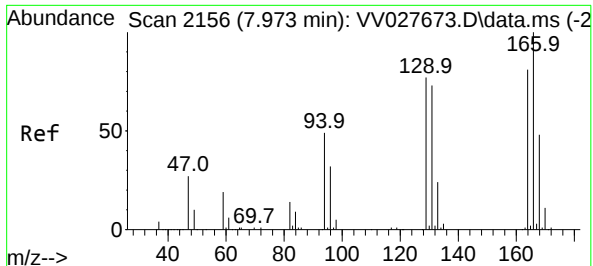


#34
Trichloroethene
Concen: 1.605 ug/L
RT: 5.895 min Scan# 1510
Delta R.T. -0.010 min
Lab File: VV027675.D
Acq: 01 Sep 2022 18:34



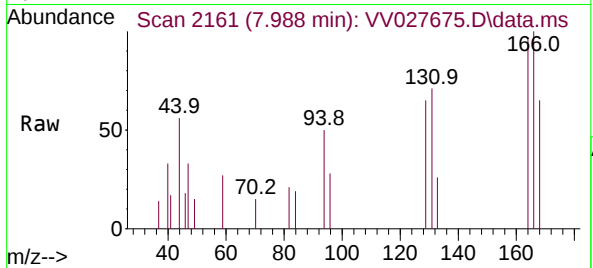
Tgt Ion: 95 Resp: 19311
Ion Ratio Lower Upper
95 100
97 58.2 46.1 85.5
132 96.4 67.3 125.1
130 102.7 71.2 132.2





#47
Tetrachloroethene
Concen: 0.105 ug/L
RT: 7.988 min Scan# 2156
Delta R.T. 0.016 min
Lab File: VV027675.D
Acq: 01 Sep 2022 18:34

Instrument :
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Tgt Ion	Ratio	Lower	Upper
164	100		
129	67.2	65.9	122.3
131	73.0	64.5	119.7
166	102.8	88.8	165.0

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