

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111821\
 Data File : VW023611.D
 Acq On : 18 Nov 2021 18:04
 Operator : SY/MD
 Sample : M4694-02DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4640DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Mahesh Dadoda 11/19/2021

Quant Time: Nov 19 04:08:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 03:51:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	115657	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	112913	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34529	4.766	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.400%	
7) Chloroethane-d5	1.568	69	28372	4.805	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.000%	
11) 1,1-Dichloroethene-d2	2.108	63	50367	3.713	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.200%	
20) 2-Butanone-d5	3.902	46	54002m	43.262	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	86.520%	
24) Chloroform-d	4.352	84	67960	4.401	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
26) 1,2-Dichloroethane-d4	5.037	65	32941	4.744	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
32) Benzene-d6	5.053	84	130304	4.498	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
36) 1,2-Dichloropropane-d6	6.072	67	37644	4.414	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.200%	
41) Toluene-d8	7.317	98	111857	4.120	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.400%	
43) trans-1,3-Dichloroprop...	7.625	79	14517	4.489	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.800%	
46) 2-Hexanone-d5	8.092	63	50427	42.383	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.760%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26691	4.352	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	42302	4.882	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.600%	
Target Compounds						
5) Vinyl chloride	1.310	62	5333	0.557	ug/L #	80
17) Methyl tert-butyl Ether	2.770	73	10814	0.712	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	3317	0.391	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	66541	8.155	ug/L #	86
34) Trichloroethene	5.928	95	3123	0.372	ug/L	94

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

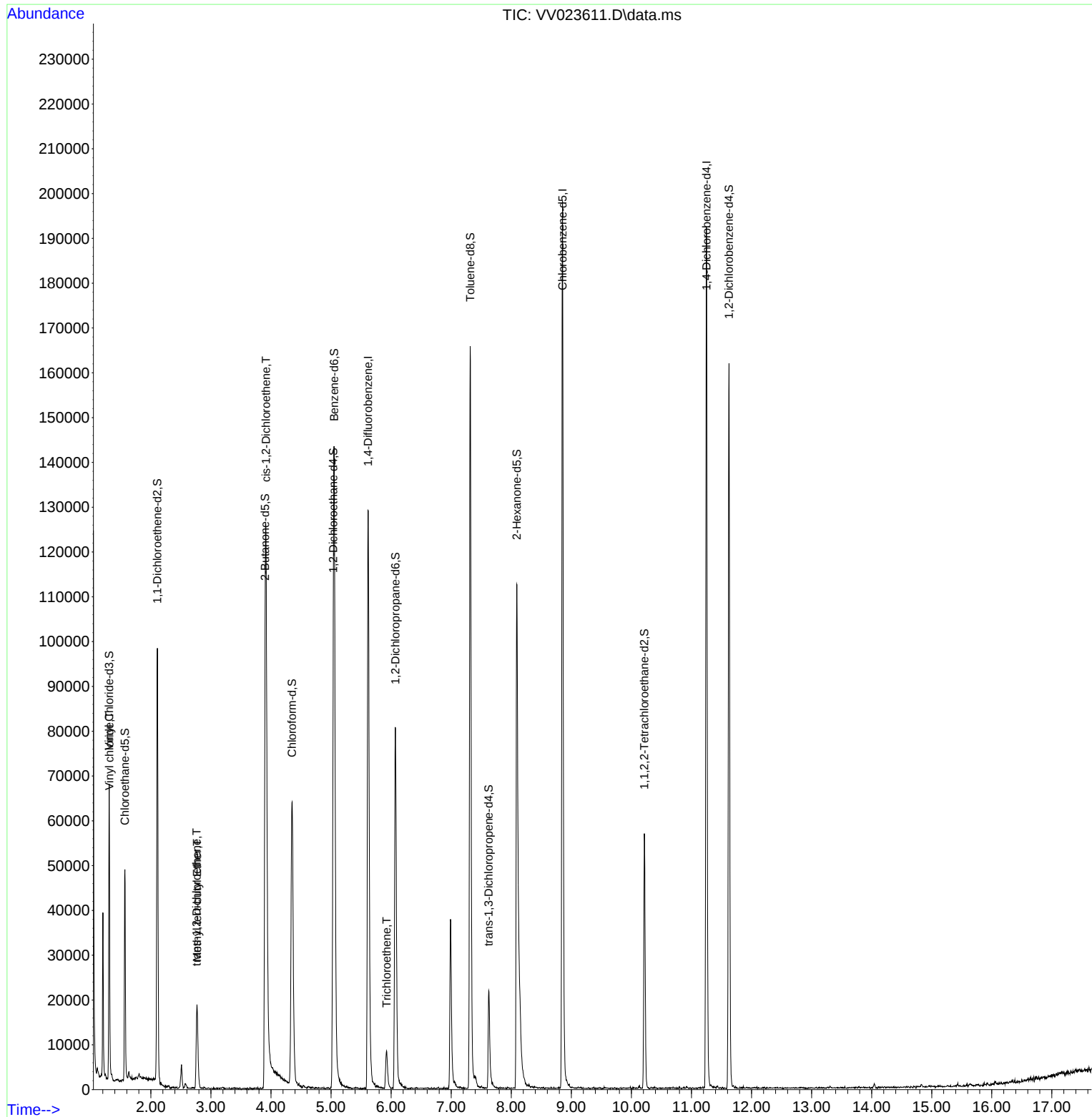
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
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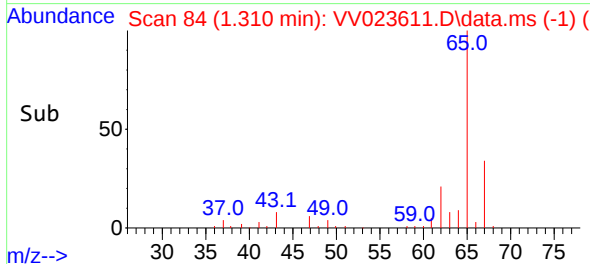
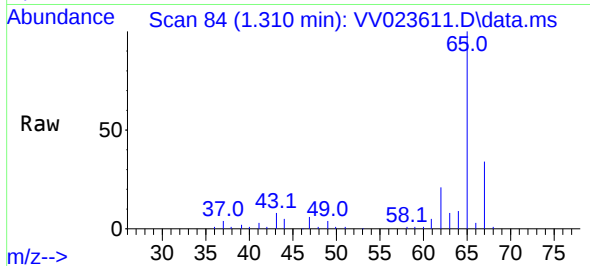
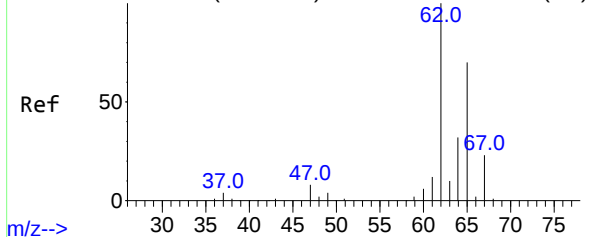
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Quant Title : TRACE VOA SFAM1.0
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Abundance Scan 84 (1.310 min): VV023608.D\data.ms (-76)



#5

Vinyl chloride

Concen: 0.557 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV023611.D

Acq: 18 Nov 2021 18:04

Tgt Ion: 62 Resp: 533

Ion Ratio Lower Upper

62 100

64 44.2 23.1 42.9

Instrument :

MSVOA_V

ClientSampleId :

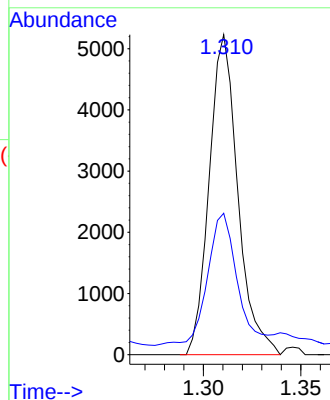
H4640DL

Manual Integrations

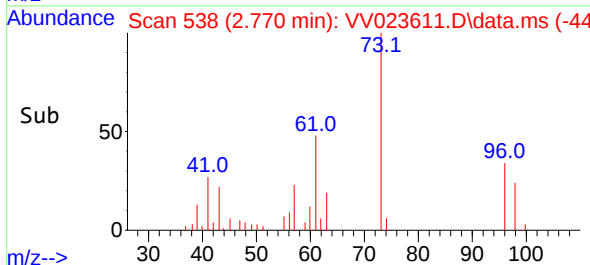
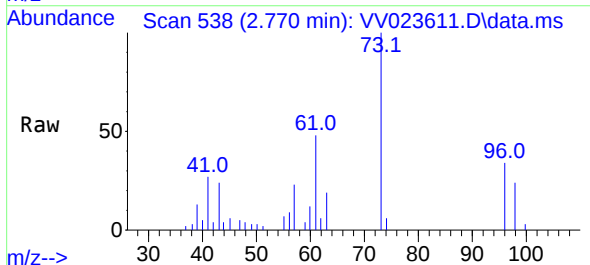
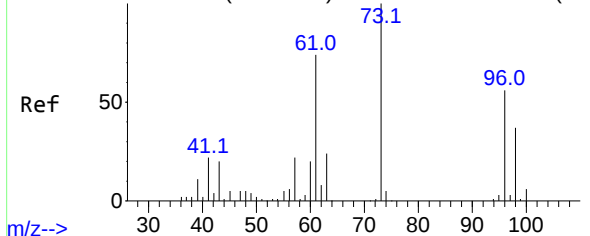
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Abundance Scan 537 (2.767 min): VV023608.D\data.ms (-52)



#17

Methyl tert-butyl Ether

Concen: 0.712 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.003 min

Lab File: VV023611.D

Acq: 18 Nov 2021 18:04

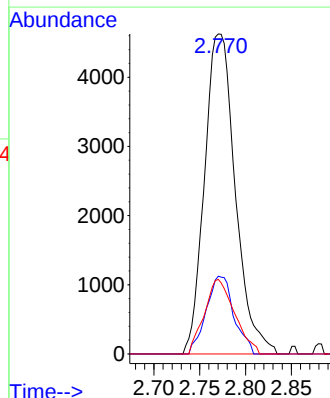
Tgt Ion: 73 Resp: 10814

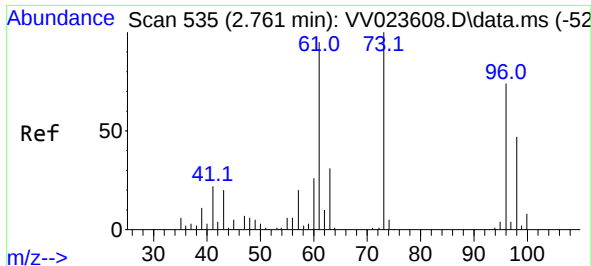
Ion Ratio Lower Upper

73 100

43 21.8 17.4 26.0

57 22.8 16.5 24.7





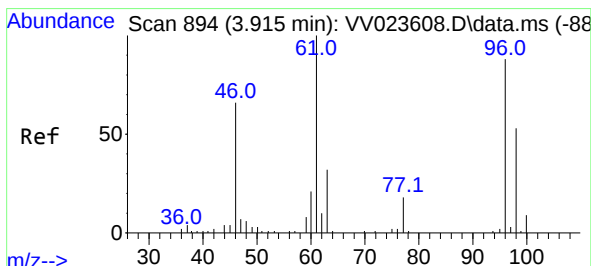
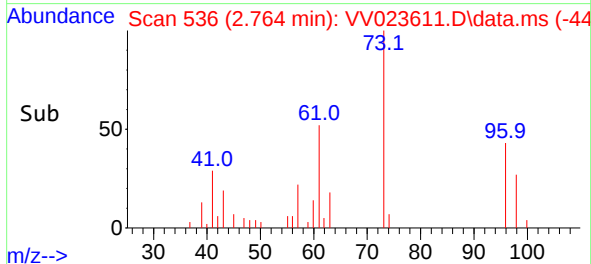
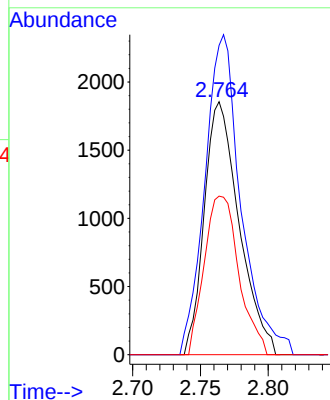
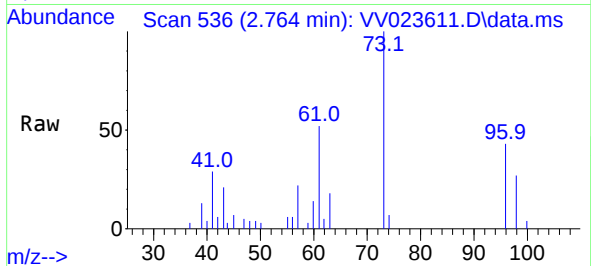
#18
trans-1,2-Dichloroethene
Concen: 0.391 ug/L
RT: 2.764 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV023611.D
Acq: 18 Nov 2021 18:04

Instrument :
MSVOA_V
ClientSampleId :
H4640DL

Tgt Ion: 96 Resp: 331
Ion Ratio Lower Upper
96 100
61 122.3 93.2 173.2
98 62.7 47.0 87.2

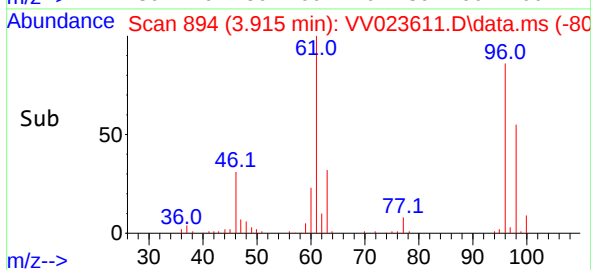
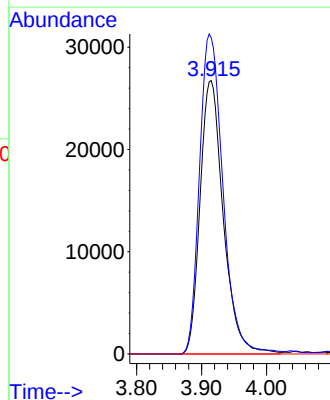
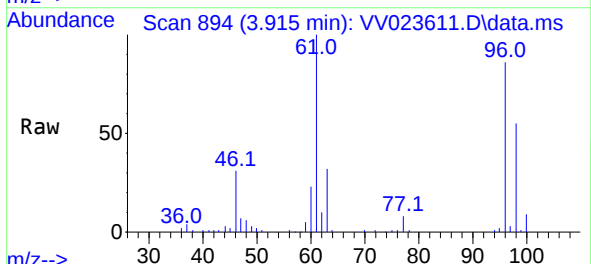
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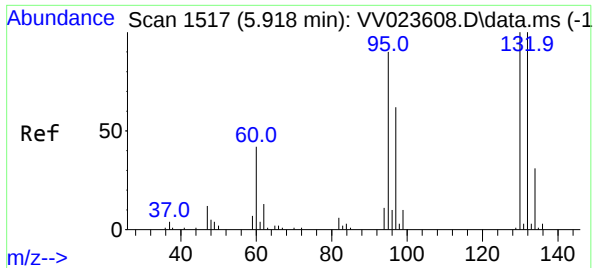
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#22
cis-1,2-Dichloroethene
Concen: 8.155 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.000 min
Lab File: VV023611.D
Acq: 18 Nov 2021 18:04

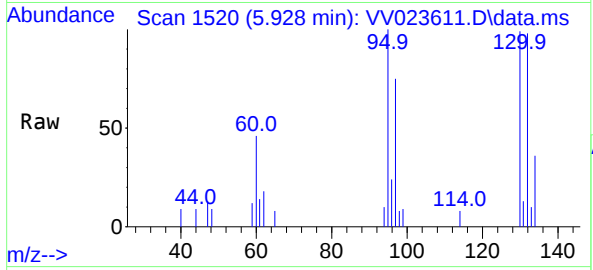
Tgt Ion: 96 Resp: 66541
Ion Ratio Lower Upper
96 100
61 115.7 92.3 171.3
68 0.0 0.4 0.8





#34
 Trichloroethene
 Concen: 0.372 ug/L
 RT: 5.928 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: VV023611.D
 Acq: 18 Nov 2021 18:04

Instrument :
 MSVOA_V
 ClientSampleId :
 H4640DL



Tgt Ion: 95 Resp: 312

Ion	Ratio	Lower	Upper
95	100		
97	75.4	45.0	83.6
132	98.1	69.7	129.4
130	98.8	73.7	136.9

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