

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112621\
 Data File : VW023728.D
 Acq On : 26 Nov 2021 16:10
 Operator : SY/MD
 Sample : M4821-06DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4655DL

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/29/2021
 Supervised By :Mahesh Dadoda 11/29/2021

Quant Time: Nov 27 03:54:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 27 03:48:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	127500	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123030	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58142	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33046	3.157	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.200%	
7) Chloroethane-d5	1.568	69	29417	3.575	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	71.600%	
11) 1,1-Dichloroethene-d2	2.108	63	46549	2.524	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	50.400%#	
20) 2-Butanone-d5	3.902	46	73515m	58.426	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.860%	
24) Chloroform-d	4.349	84	74290	4.076	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.600%	
26) 1,2-Dichloroethane-d4	5.034	65	37878	4.449	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
32) Benzene-d6	5.050	84	136694	4.079	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.600%	
36) 1,2-Dichloropropane-d6	6.069	67	42812	4.557	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.200%	
41) Toluene-d8	7.317	98	115401	3.685	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.800%	
43) trans-1,3-Dichloroprop...	7.625	79	15357	4.055	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.000%	
46) 2-Hexanone-d5	8.091	63	64485	51.248	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.500%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32002	4.733	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	49709	4.836	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.800%	
Target Compounds						
16) Methylene chloride	2.507	84	4243	0.348	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	105925	6.051	ug/L	99
22) cis-1,2-Dichloroethene	3.918	96	1643	0.176	ug/L	90
34) Trichloroethene	5.928	95	1967	0.209	ug/L	86
47) Tetrachloroethene	7.976	164	19314	2.258	ug/L	96

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

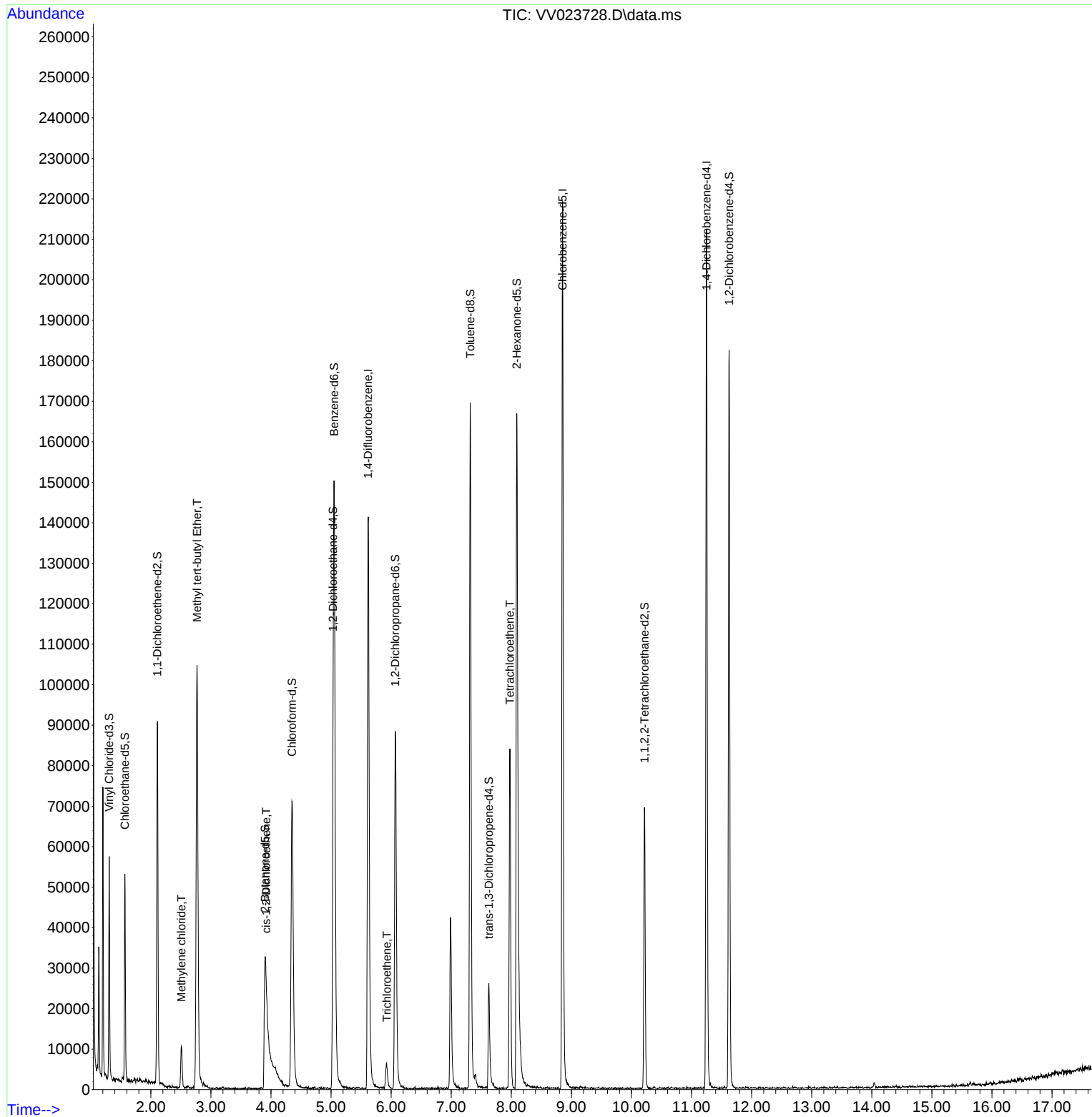
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023728.D
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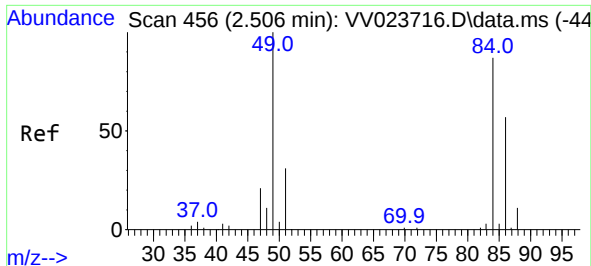
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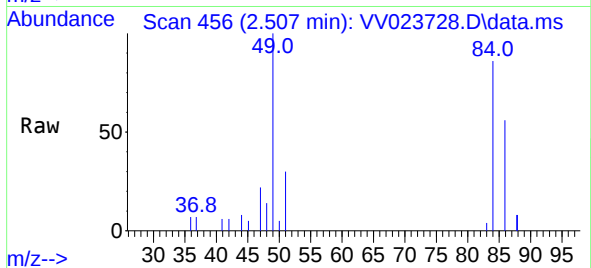
Quant Time: Nov 27 03:54:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 27 03:48:32 2021
Response via : Initial Calibration





#16
Methylene chloride
Concen: 0.348 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV023728.D
Acq: 26 Nov 2021 16:10

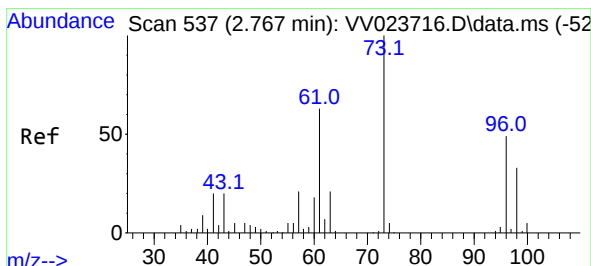
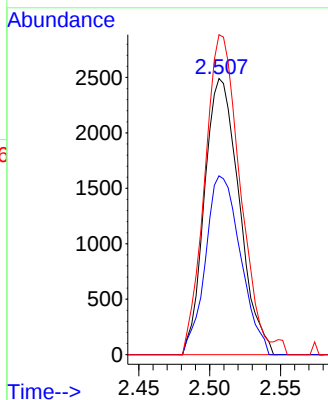
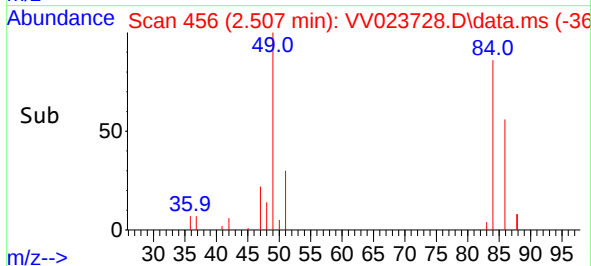
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Tgt Ion: 84 Resp: 424
Ion Ratio Lower Upper
84 100
86 64.8 42.6 79.0
49 115.9 79.7 147.9

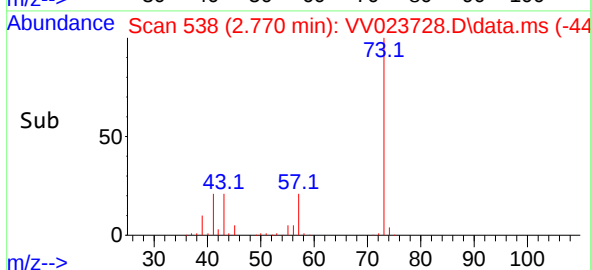
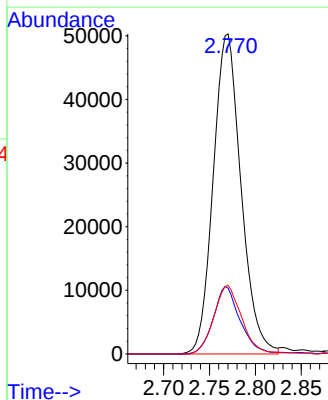
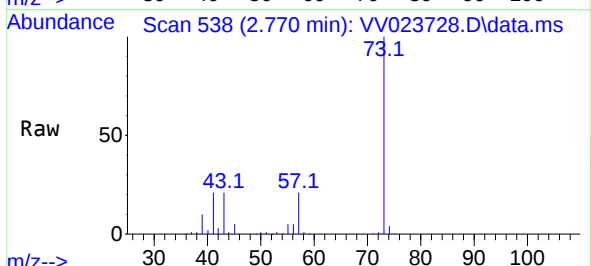
Manual Integrations
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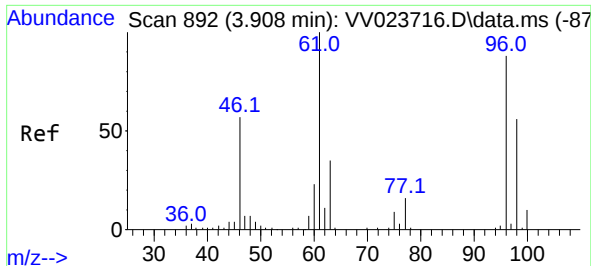
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#17
Methyl tert-butyl Ether
Concen: 6.051 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV023728.D
Acq: 26 Nov 2021 16:10

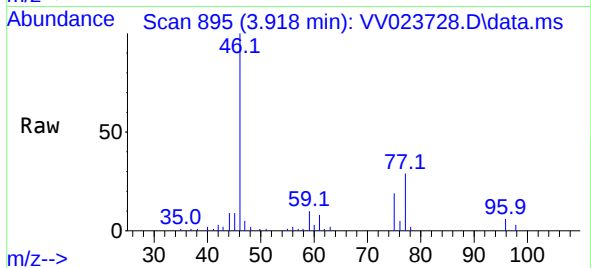
Tgt Ion: 73 Resp: 105925
Ion Ratio Lower Upper
73 100
43 20.2 15.5 23.3
57 21.6 17.1 25.7





#22
cis-1,2-Dichloroethene
Concen: 0.176 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV023728.D
Acq: 26 Nov 2021 16:10

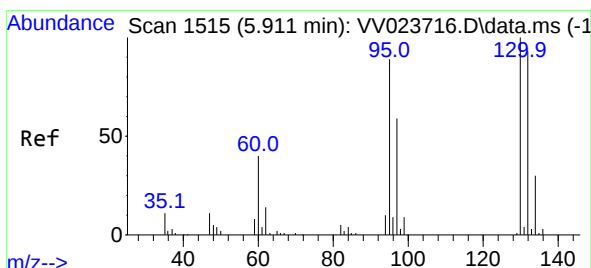
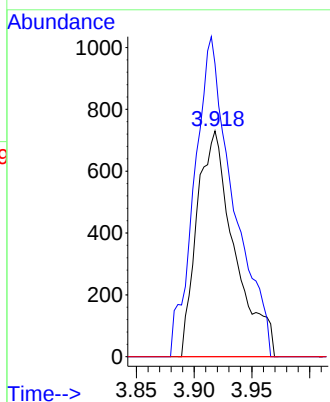
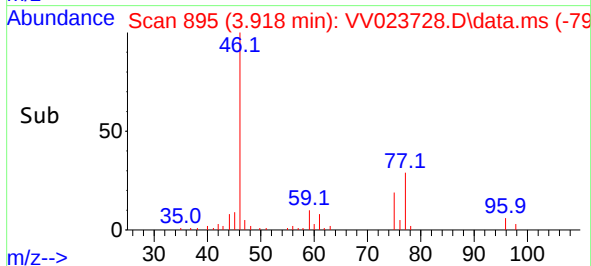
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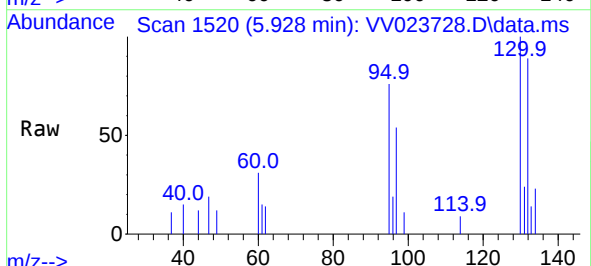
Tgt Ion: 96 Resp: 164
Ion Ratio Lower Upper
96 100
61 129.7 83.4 154.8
68 0.0 0.0 0.0

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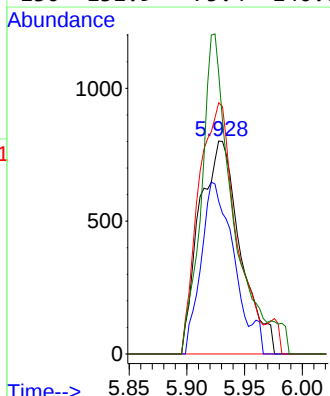
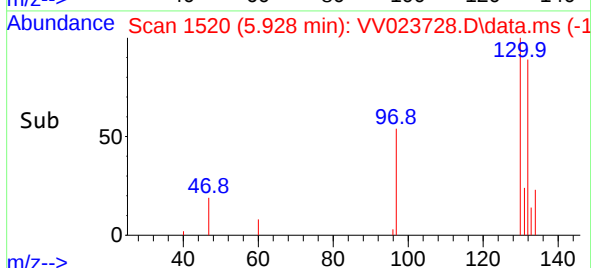
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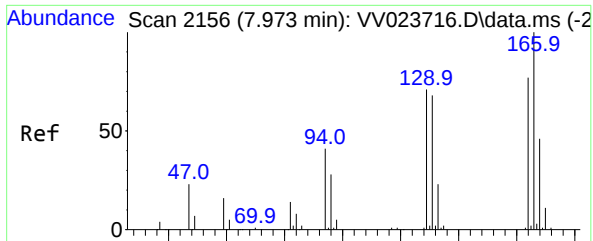


#34
Trichloroethene
Concen: 0.209 ug/L
RT: 5.928 min Scan# 1520
Delta R.T. 0.016 min
Lab File: VV023728.D
Acq: 26 Nov 2021 16:10



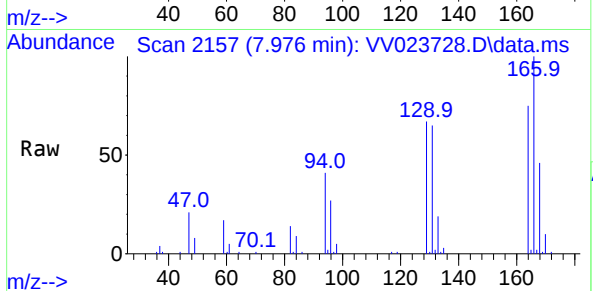
Tgt Ion: 95 Resp: 1967
Ion Ratio Lower Upper
95 100
97 71.7 45.2 84.0
132 118.0 76.1 141.3
130 131.9 75.4 140.0





#47
Tetrachloroethene
Concen: 2.258 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV023728.D
Acq: 26 Nov 2021 16:10

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 19314

Ion	Ratio	Lower	Upper
164	100		
129	89.4	62.6	116.2
131	86.5	61.0	113.4
166	133.8	87.3	162.1

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