

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023712.D
 Acq On : 24 Nov 2021 19:50
 Operator : SY/MD
 Sample : M4821-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4660

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/26/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 26 01:57:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 01:51:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137591	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	133209	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61202	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37847	3.351	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.000%	
7) Chloroethane-d5	1.568	69	32561	3.667	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.400%	
11) 1,1-Dichloroethene-d2	2.108	63	53604	2.693	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	53.800%#	
20) 2-Butanone-d5	3.908	46	71899m	52.951	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.900%	
24) Chloroform-d	4.349	84	78333	3.983	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.600%	
26) 1,2-Dichloroethane-d4	5.034	65	40030	4.357	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
32) Benzene-d6	5.050	84	149468	4.119	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
36) 1,2-Dichloropropane-d6	6.069	67	45215	4.445	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.800%	
41) Toluene-d8	7.317	98	126743	3.738	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.800%	
43) trans-1,3-Dichloroprop...	7.625	79	16860	4.112	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.200%	
46) 2-Hexanone-d5	8.092	63	63852	46.867	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.740%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30874	4.217	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	49216	4.548	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.000%	
Target Compounds						
5) Vinyl chloride	1.311	62	2721	0.228	ug/L #	47
12) 1,1-Dichloroethene	2.121	96	1862	0.202	ug/L #	1
18) trans-1,2-Dichloroethene	2.764	96	6922	0.659	ug/L	92
19) 1,1-Dichloroethane	3.191	63	5558	0.315	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	208172	20.673	ug/L	100
34) Trichloroethene	5.912	95	435654	42.824	ug/L	98
47) Tetrachloroethene	7.979	164	7453	0.805	ug/L	93

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

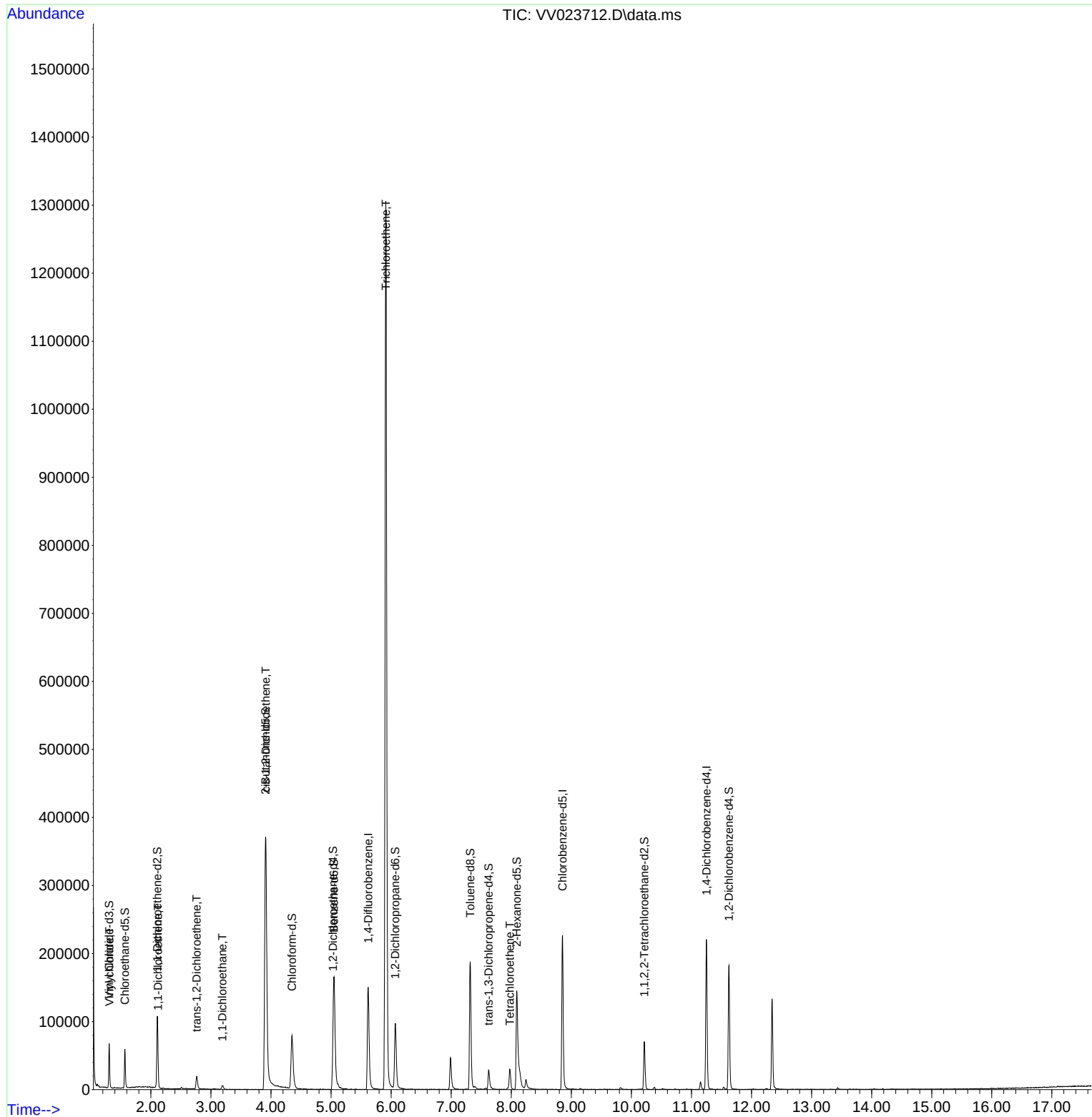
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112421\
Data File : VV023712.D
Acq On : 24 Nov 2021 19:50
Operator : SY/MD
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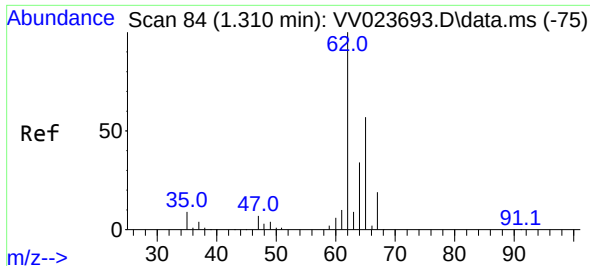
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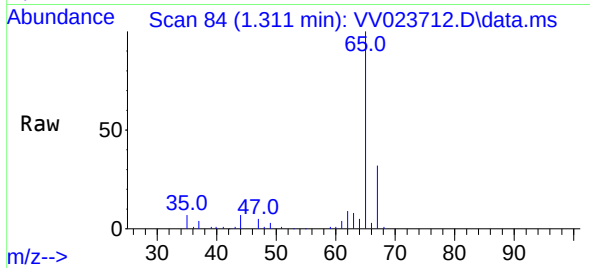
Quant Time: Nov 26 01:57:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 26 01:51:50 2021
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 0.228 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023712.D
 Acq: 24 Nov 2021 19:50

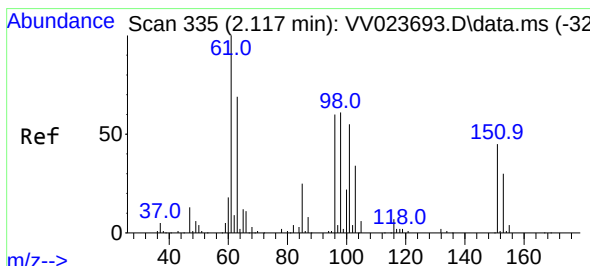
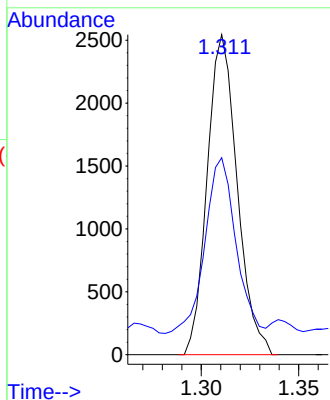
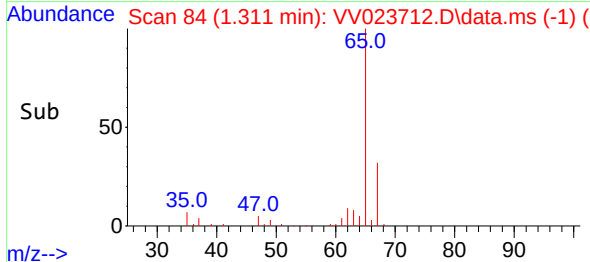
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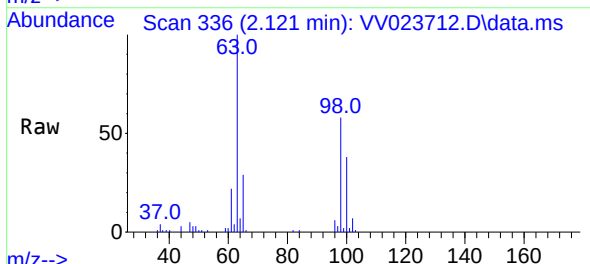
Tgt Ion: 62 Resp: 272
 Ion Ratio Lower Upper
 62 100
 64 61.6 22.4 41.6

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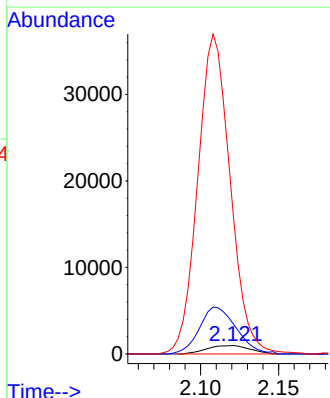
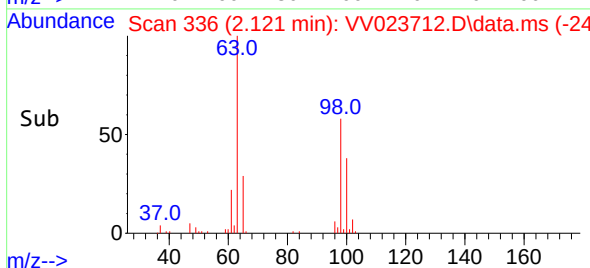
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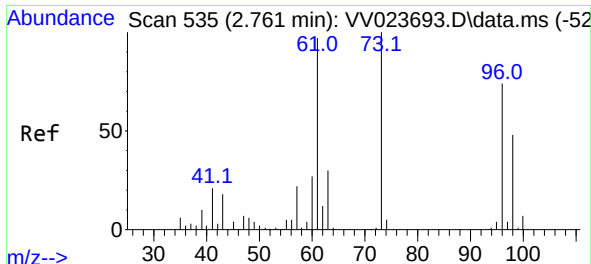


#12
 1,1-Dichloroethene
 Concen: 0.202 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV023712.D
 Acq: 24 Nov 2021 19:50



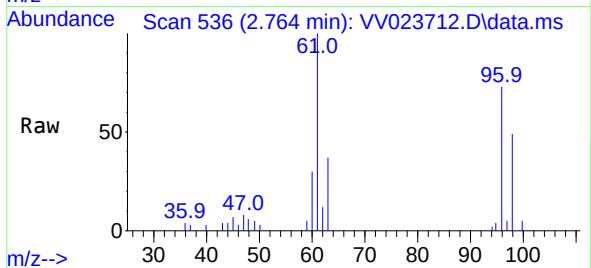
Tgt Ion: 96 Resp: 1862
 Ion Ratio Lower Upper
 96 100
 61 360.4 116.1 215.5#
 63 1676.3 79.4 147.4#





#18
trans-1,2-Dichloroethene
Concen: 0.659 ug/L
RT: 2.764 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV023712.D
Acq: 24 Nov 2021 19:50

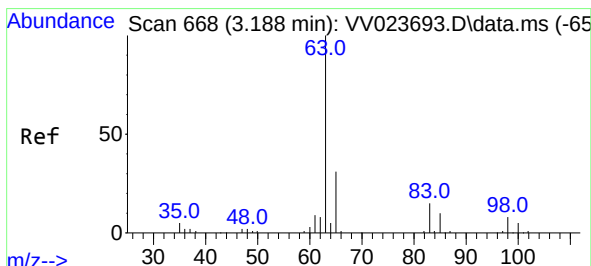
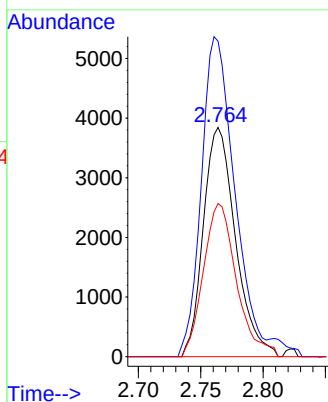
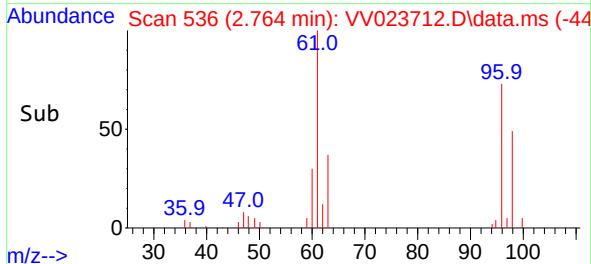
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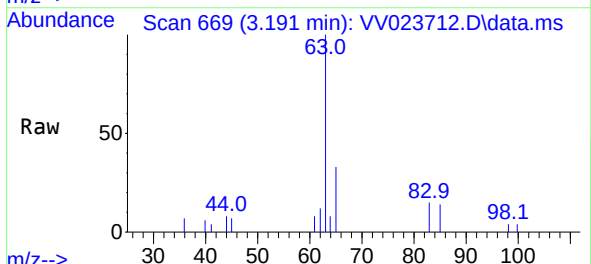
Tgt Ion: 96 Resp: 692
Ion Ratio Lower Upper
96 100
61 137.5 88.2 163.8
98 66.8 44.9 83.5

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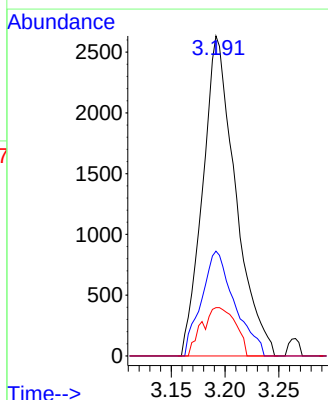
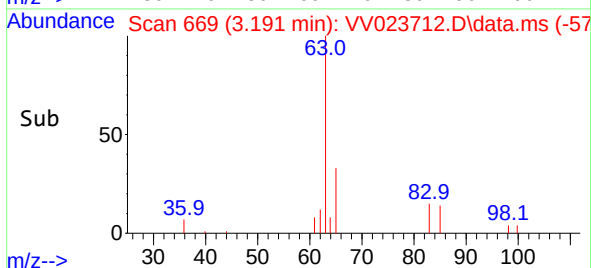
Reviewed By :John Carlone 11/26/2021
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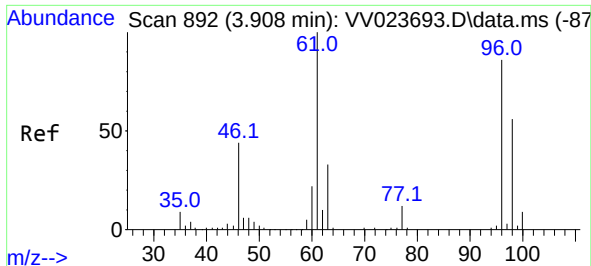


#19
1,1-Dichloroethane
Concen: 0.315 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV023712.D
Acq: 24 Nov 2021 19:50



Tgt Ion: 63 Resp: 5558
Ion Ratio Lower Upper
63 100
65 32.8 22.3 41.3
83 15.1 10.7 19.9





#22

cis-1,2-Dichloroethene

Concen: 20.673 ug/L

RT: 3.912 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV023712.D

Acq: 24 Nov 2021 19:50

Instrument :

MSVOA_V

ClientSampleId :

H4660

Tgt Ion: 96 Resp: 20817

Ion Ratio Lower Upper

96 100

61 119.4 83.4 154.8

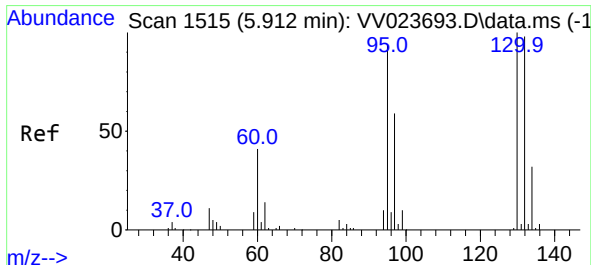
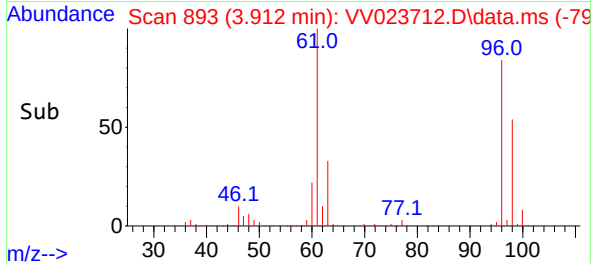
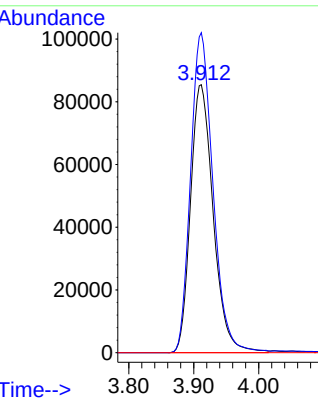
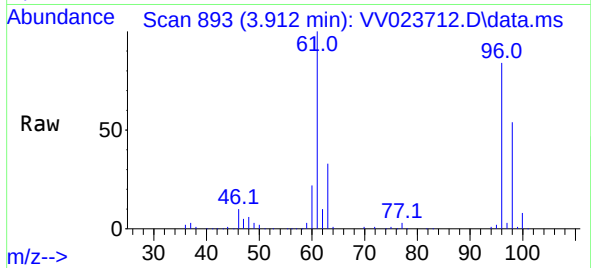
68 0.0 0.0 0.0

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#34

Trichloroethene

Concen: 42.824 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VV023712.D

Acq: 24 Nov 2021 19:50

Tgt Ion: 95 Resp: 435654

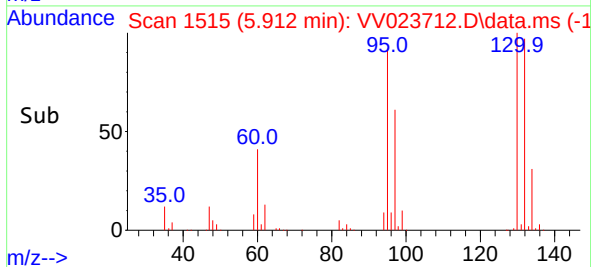
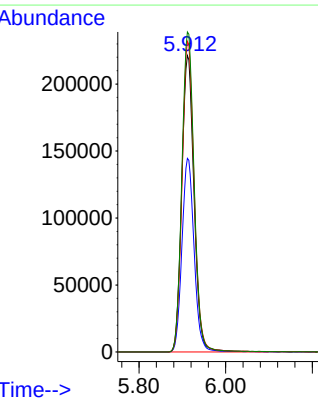
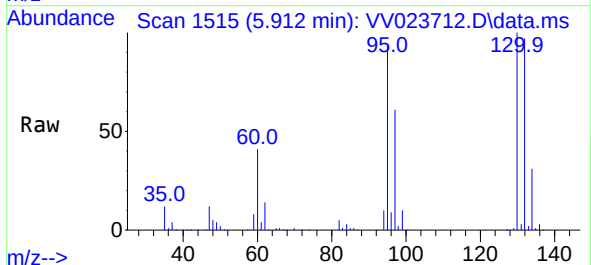
Ion Ratio Lower Upper

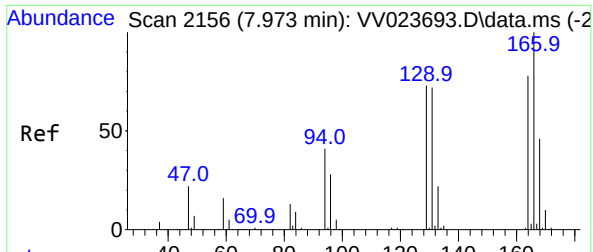
95 100

97 65.4 45.2 84.0

132 104.8 76.1 141.3

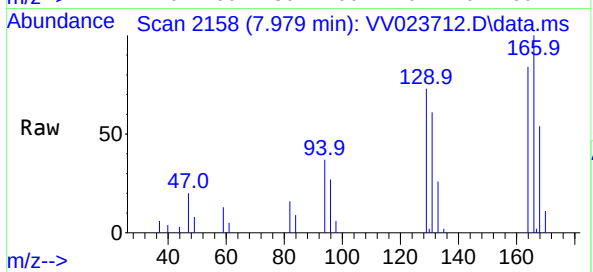
130 108.0 75.4 140.0





#47
Tetrachloroethene
Concen: 0.805 ug/L
RT: 7.979 min Scan# 2156
Delta R.T. 0.007 min
Lab File: VV023712.D
Acq: 24 Nov 2021 19:50

Instrument :
MSVOA_V
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Tgt Ion:164 Resp: 745

Ion	Ratio	Lower	Upper
164	100		
129	87.4	62.6	116.2
131	72.6	61.0	113.4
166	119.6	87.3	162.1

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