

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082222\
 Data File : VV027464.D
 Acq On : 22 Aug 2022 13:43
 Operator : SY/MD
 Sample : N4252-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX9C6

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Semsettin Yesilyurt 08/27/2022

Quant Time: Aug 23 03:12:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 23 03:03:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	118067	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	117243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48806	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	43320	5.155	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	103.200%	
7) Chloroethane-d5	1.564	69	39565	6.434	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	128.600%	
11) 1,1-Dichloroethene-d2	2.105	63	72670m	3.709	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.200%	
20) 2-Butanone-d5	3.886	46	74727	71.459	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	142.920%#	
24) Chloroform-d	4.346	84	83599	4.976	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
26) 1,2-Dichloroethane-d4	5.031	65	35433	4.875	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
32) Benzene-d6	5.047	84	151319	4.660	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
36) 1,2-Dichloropropane-d6	6.069	67	46861	4.963	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.200%	
41) Toluene-d8	7.317	98	120338	4.104	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.000%	
43) trans-1,3-Dichloroprop...	7.625	79	14784	4.573	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.400%	
46) 2-Hexanone-d5	8.088	63	44726	42.030	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.060%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	28256	4.700	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	37211	5.143	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.800%	
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	752074	68.290	ug/L	100
12) 1,1-Dichloroethene	2.114	96	9849	1.102	ug/L #	1
18) trans-1,2-Dichloroethene	2.757	96	79209	8.607	ug/L	94
19) 1,1-Dichloroethane	3.188	63	12783	0.671	ug/L	93
22) cis-1,2-Dichloroethene	3.905	96	2160573	220.290	ug/L	99
34) Trichloroethene	5.912	95	78378	7.640	ug/L	98

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

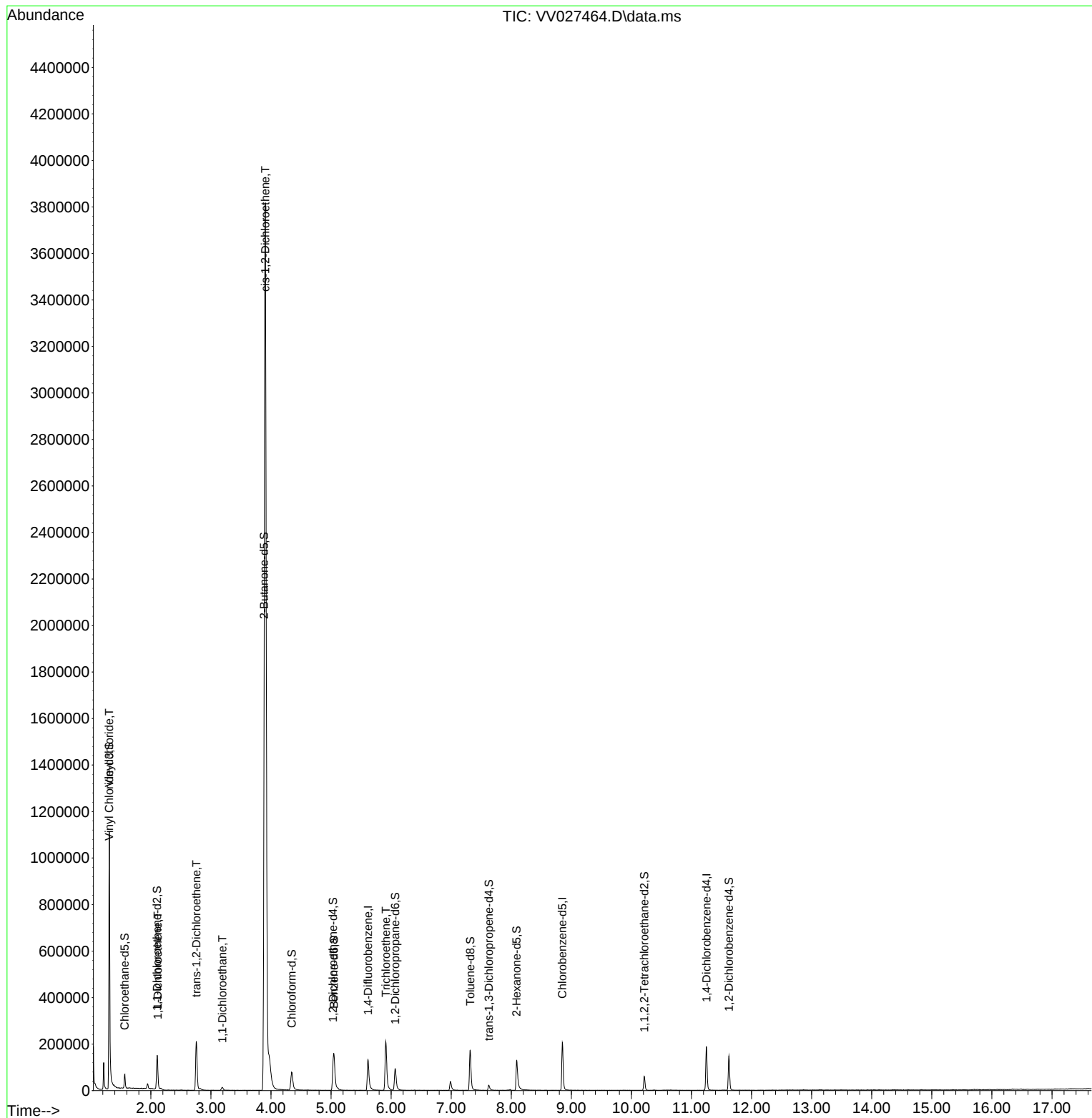
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082222\
Data File : VV027464.D
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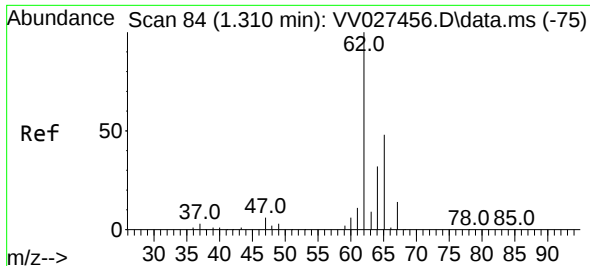
Instrument :
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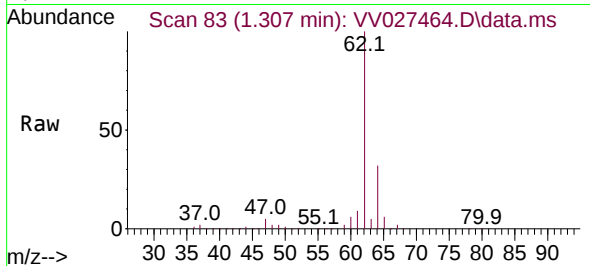
Quant Time: Aug 23 03:12:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 23 03:03:07 2022
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 68.290 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV027464.D
 Acq: 22 Aug 2022 13:43

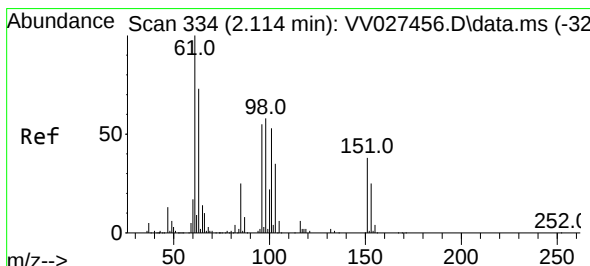
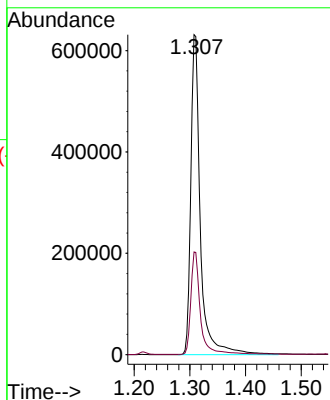
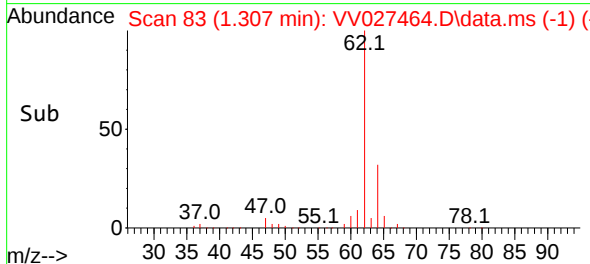
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Tgt Ion: 62 Resp: 752074
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.6 42.0

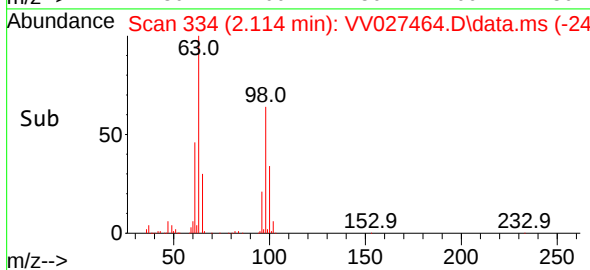
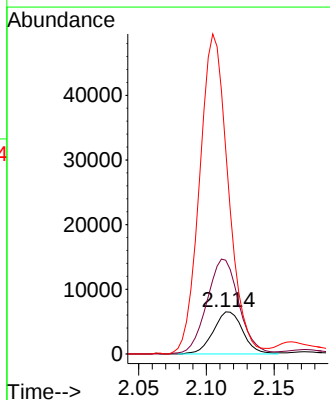
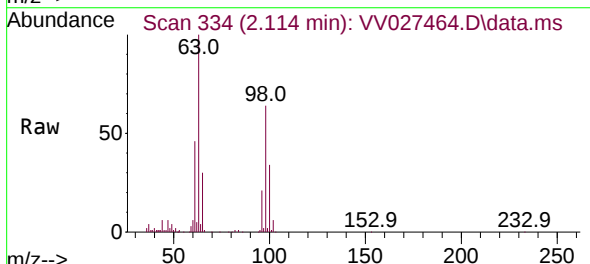
Manual Integrations
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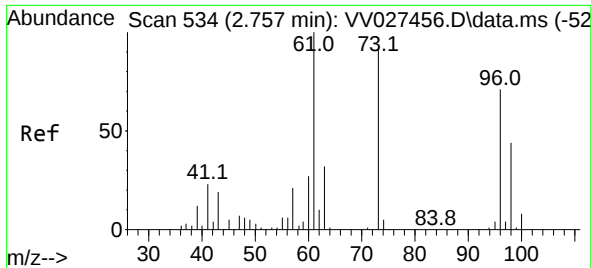
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 Supervised By :Semsettin Yesilyurt 08/27/2022



#12
 1,1-Dichloroethene
 Concen: 1.102 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV027464.D
 Acq: 22 Aug 2022 13:43

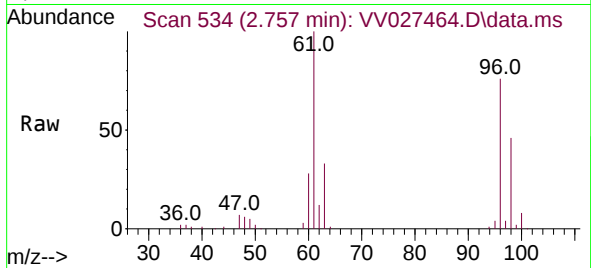
Tgt Ion: 96 Resp: 9849
 Ion Ratio Lower Upper
 96 100
 61 222.8 130.2 241.8
 63 485.4 87.4 162.4





#18
trans-1,2-Dichloroethene
Concen: 8.607 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV027464.D
Acq: 22 Aug 2022 13:43

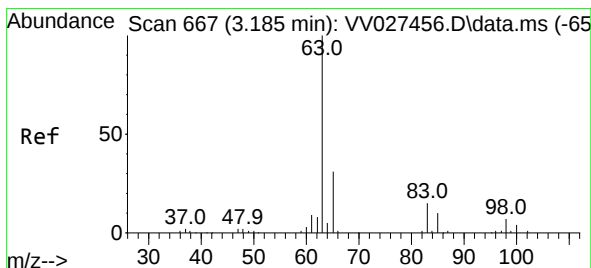
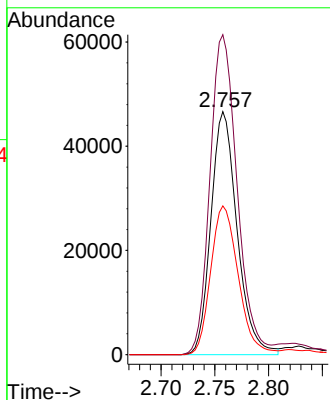
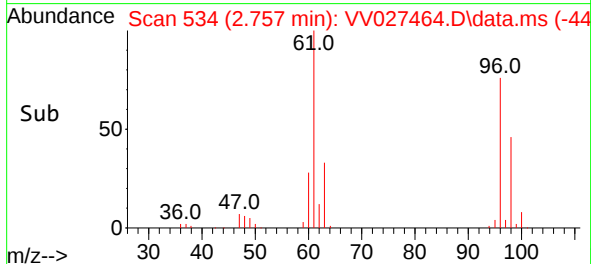
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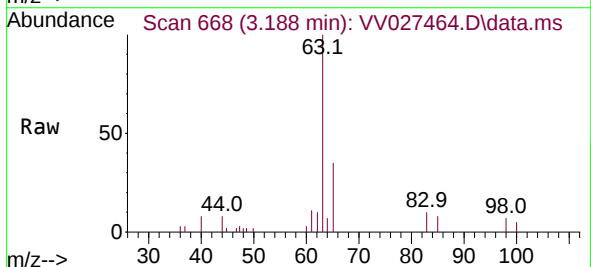
Tgt Ion: 96 Resp: 79209
Ion Ratio Lower Upper
96 100
61 131.7 97.6 181.4
98 61.2 45.9 85.3

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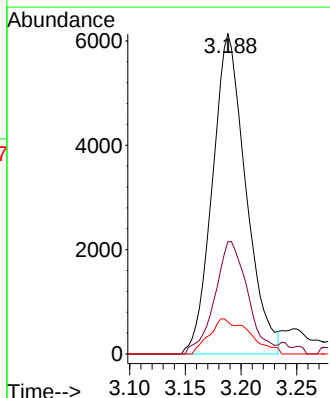
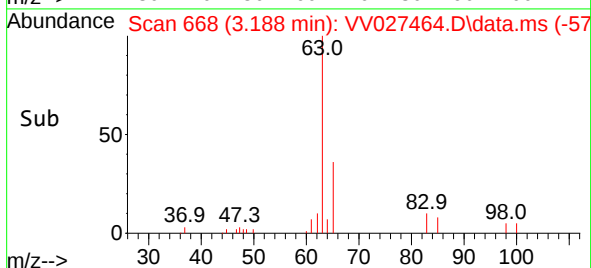
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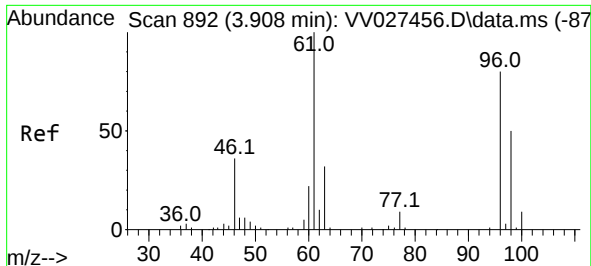


#19
1,1-Dichloroethane
Concen: 0.671 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.003 min
Lab File: VV027464.D
Acq: 22 Aug 2022 13:43



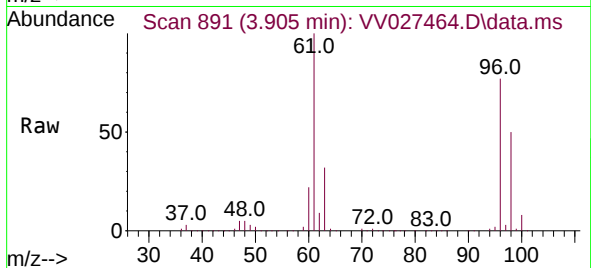
Tgt Ion: 63 Resp: 12783
Ion Ratio Lower Upper
63 100
65 35.1 22.1 41.1
83 9.9 9.6 17.8





#22
cis-1,2-Dichloroethene
Concen: 220.290 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV027464.D
Acq: 22 Aug 2022 13:43

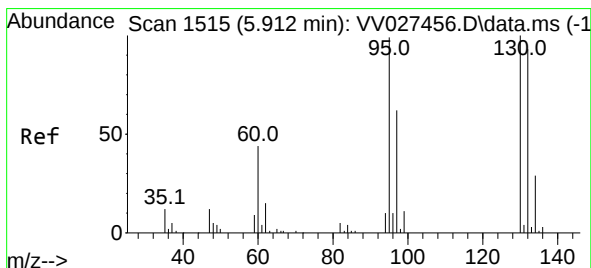
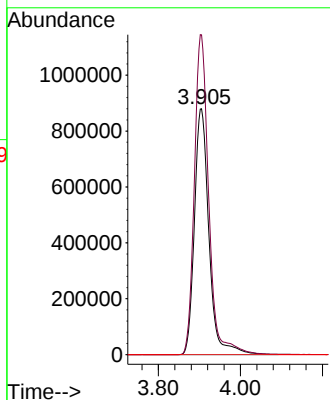
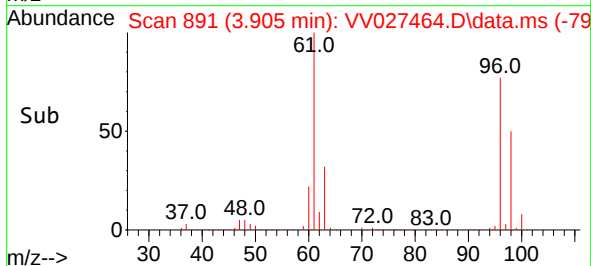
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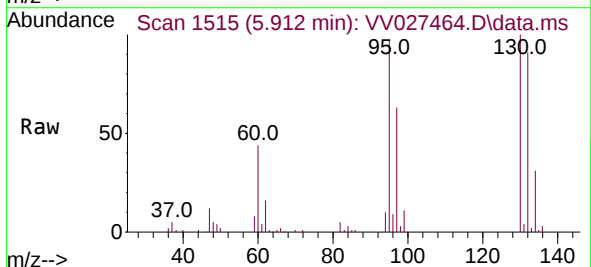
Tgt Ion: 96 Resp: 216057
Ion Ratio Lower Upper
96 100
61 130.0 90.6 168.2
68 0.0 0.0 0.0

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#34
Trichloroethene
Concen: 7.640 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV027464.D
Acq: 22 Aug 2022 13:43



Tgt Ion: 95 Resp: 78378
Ion Ratio Lower Upper
95 100
97 65.0 45.0 83.6
132 94.0 65.7 121.9
130 103.0 69.3 128.7

