

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027590.D
 Acq On : 30 Aug 2022 16:52
 Operator : SY/MD
 Sample : N4404-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVC7

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/31/2022
 Supervised By :Mahesh Dadoda 08/31/2022

Quant Time: Aug 31 04:49:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	141154	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	144569	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57149	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	53956	5.371	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	107.400%	
7) Chloroethane-d5	1.565	69	41578	5.655	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	113.200%	
11) 1,1-Dichloroethene-d2	2.105	63	71612m	3.057	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.200%	
20) 2-Butanone-d5	3.892	46	98709	78.954	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	157.900%#	
24) Chloroform-d	4.346	84	100784	5.017	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
26) 1,2-Dichloroethane-d4	5.031	65	51589	5.937	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	118.800%	
32) Benzene-d6	5.047	84	185303	4.628	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
36) 1,2-Dichloropropane-d6	6.069	67	62544	5.372	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.400%	
41) Toluene-d8	7.317	98	134997	3.734	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.600%	
43) trans-1,3-Dichloroprop...	7.629	79	14930	3.745	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.000%	
46) 2-Hexanone-d5	8.088	63	62146	47.362	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.720%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39880	5.379	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	47238	5.576	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	1164	0.078	ug/L	98
9) Trichlorofluoromethane	1.751	101	7584	0.363	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	2618	0.118	ug/L #	84
22) cis-1,2-Dichloroethene	3.912	96	8801	0.751	ug/L	87
34) Trichloroethene	5.921	95	3266	0.258	ug/L	89
47) Tetrachloroethene	7.976	164	7151	0.726	ug/L	92

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

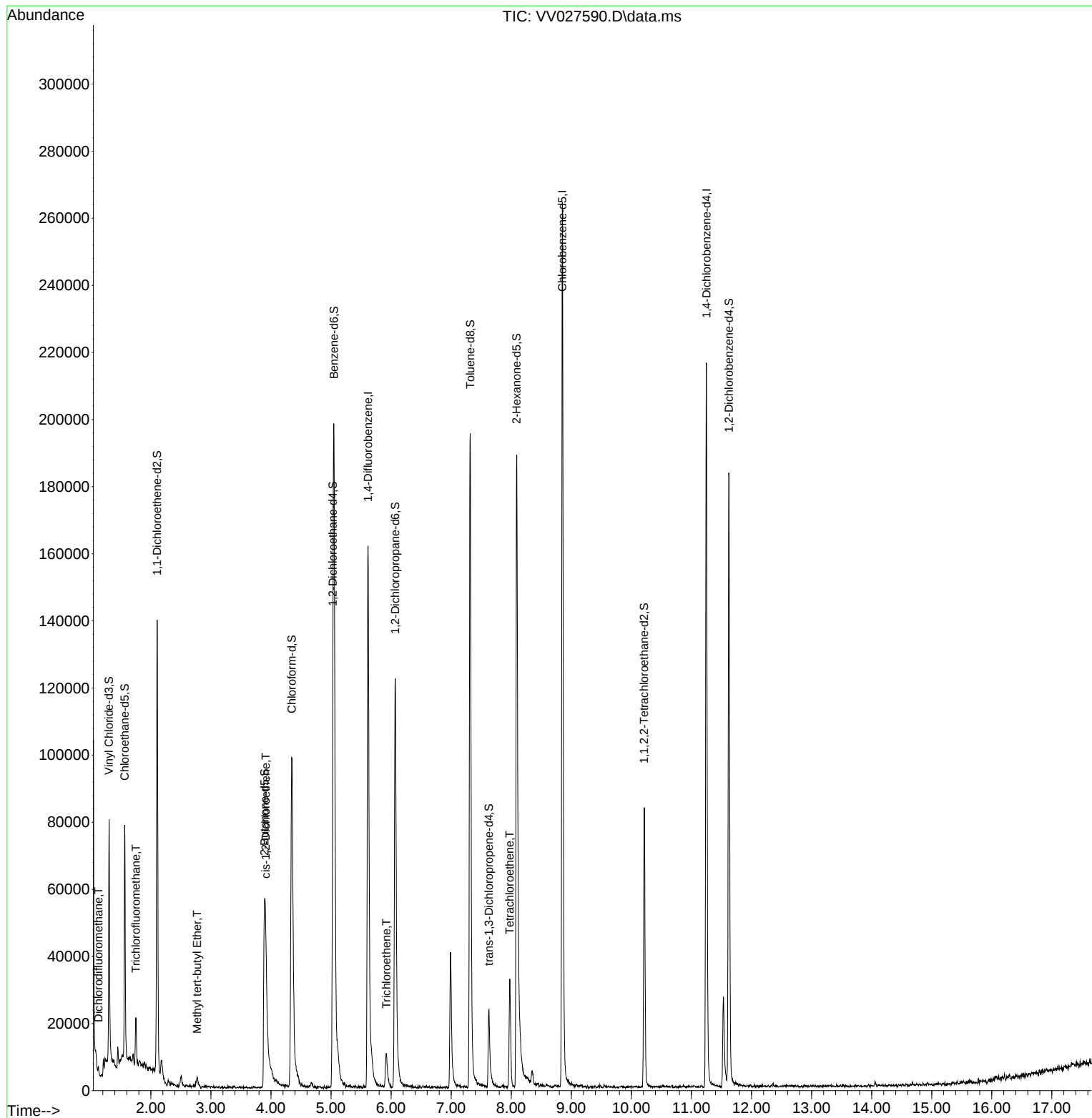
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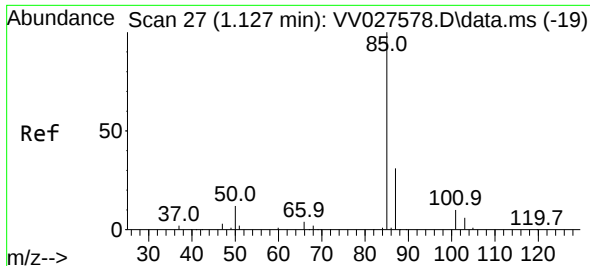
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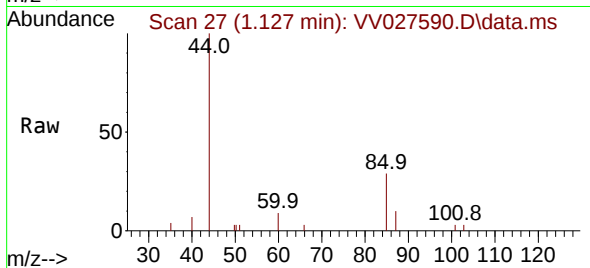
Reviewed By :Krupa Patel 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022





#2
 Dichlorodifluoromethane
 Concen: 0.078 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027590.D
 Acq: 30 Aug 2022 16:52

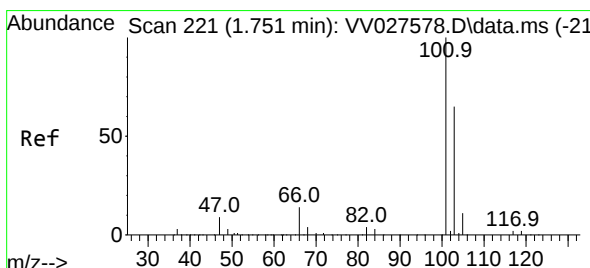
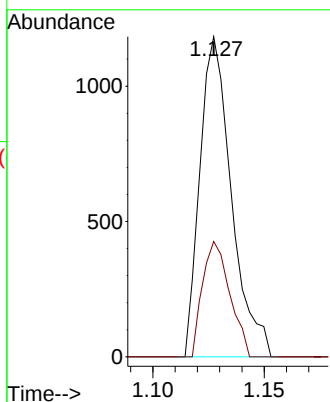
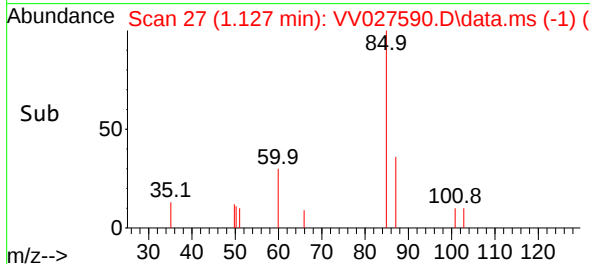
Instrument :
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 ClientSampleId :
 DBVC7



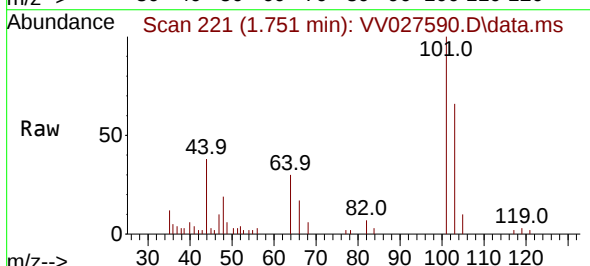
Tgt Ion: 85 Resp: 1164
 Ion Ratio Lower Upper
 85 100
 87 31.1 26.0 39.0

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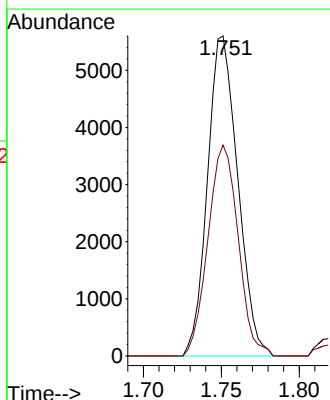
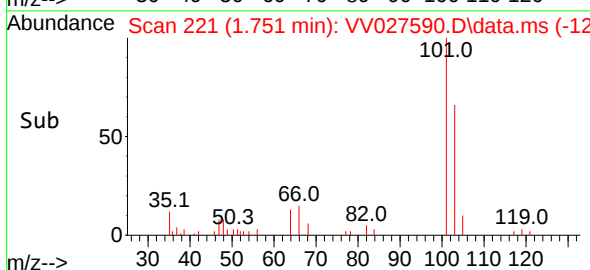
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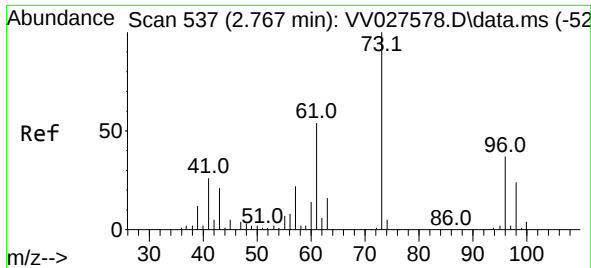


#9
 Trichlorofluoromethane
 Concen: 0.363 ug/L
 RT: 1.751 min Scan# 221
 Delta R.T. 0.000 min
 Lab File: VV027590.D
 Acq: 30 Aug 2022 16:52



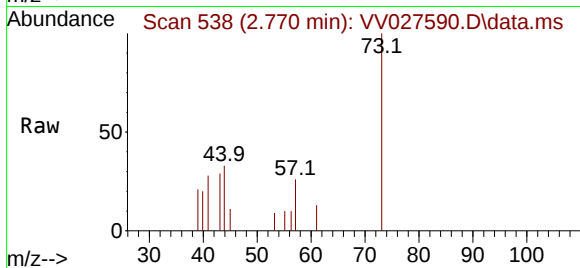
Tgt Ion:101 Resp: 7584
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.5 77.3





#17
Methyl tert-butyl Ether
Concen: 0.118 ug/L
RT: 2.770 min Scan# 511
Delta R.T. 0.003 min
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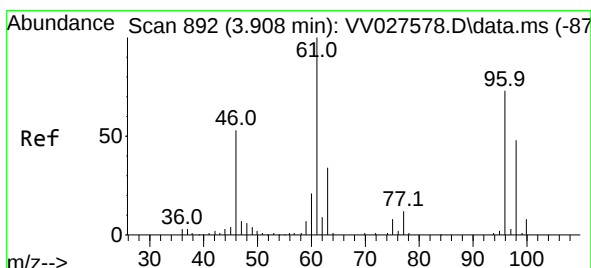
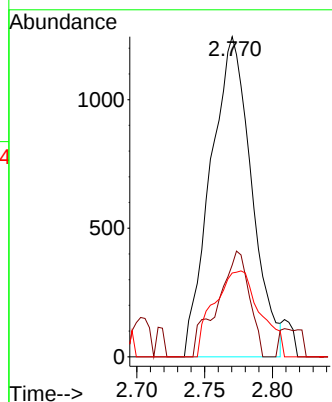
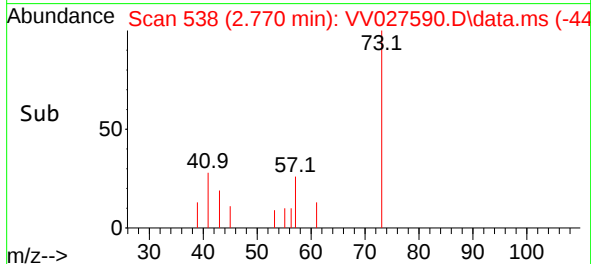
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Tgt Ion: 73 Resp: 2618
Ion Ratio Lower Upper
73 100
43 25.7 15.6 23.4
57 30.2 17.0 25.6

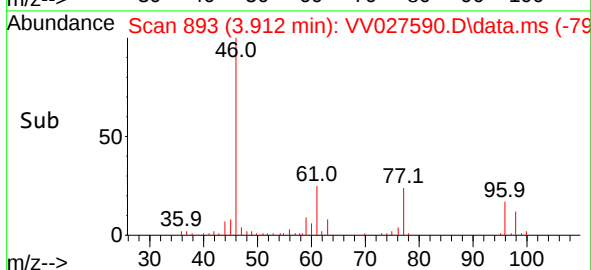
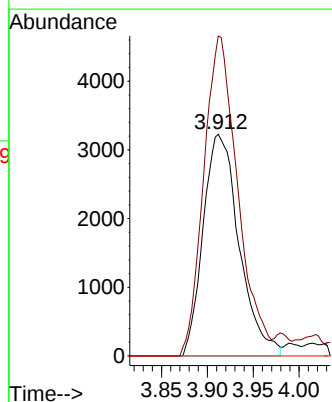
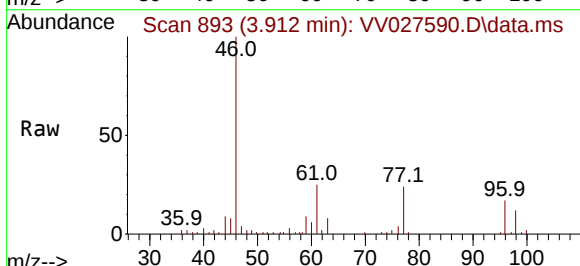
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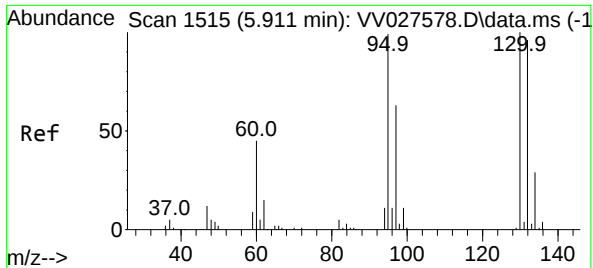
Reviewed By :Krupa Patel 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#22
cis-1,2-Dichloroethene
Concen: 0.751 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV027590.D
Acq: 30 Aug 2022 16:52

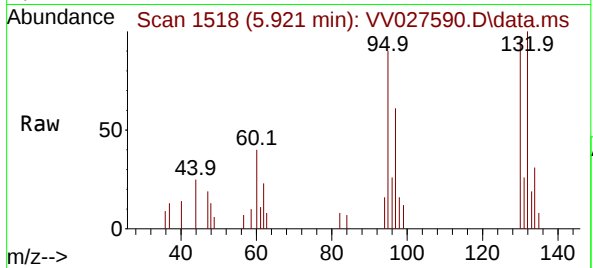
Tgt Ion: 96 Resp: 8801
Ion Ratio Lower Upper
96 100
61 144.3 90.6 168.2
68 0.0 0.0 0.0





#34
Trichloroethene
Concen: 0.258 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV027590.D
Acq: 30 Aug 2022 16:52

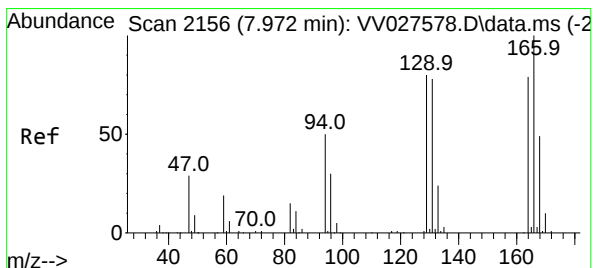
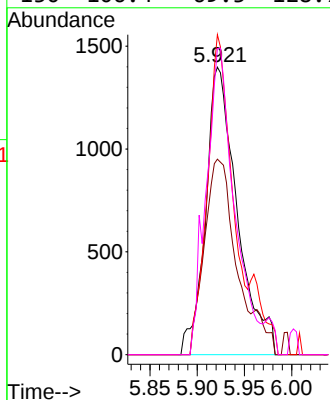
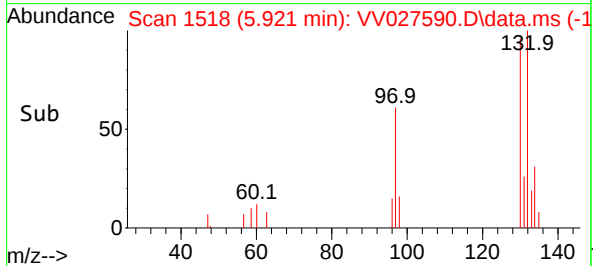
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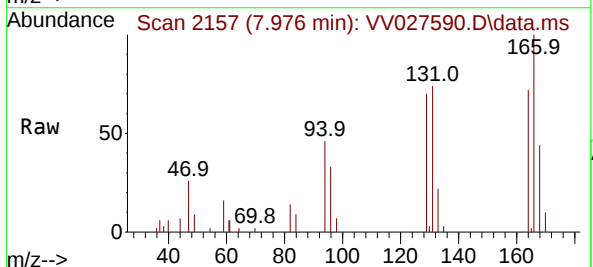
Tgt Ion: 95 Resp: 326
Ion Ratio Lower Upper
95 100
97 68.0 45.0 83.6
132 111.3 65.7 121.9
130 106.4 69.3 128.7

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#47
Tetrachloroethene
Concen: 0.726 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV027590.D
Acq: 30 Aug 2022 16:52



Tgt Ion:164 Resp: 7151
Ion Ratio Lower Upper
164 100
129 96.9 71.1 132.1
131 102.1 64.5 119.9
166 138.4 89.4 166.0

