

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027598.D
 Acq On : 30 Aug 2022 20:08
 Operator : SY/MD
 Sample : N4418-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD1

Manual Integrations
 APPROVED

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

Quant Time: Aug 31 04:51:22 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	143481	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	142189	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57266	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	51053	4.999	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.000%	
7) Chloroethane-d5	1.564	69	42573	5.697	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	114.000%	
11) 1,1-Dichloroethene-d2	2.105	63	72445	3.042	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.800%	
20) 2-Butanone-d5	3.896	46	72308m	56.898	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.800%	
24) Chloroform-d	4.346	84	100194	4.907	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.034	65	46532	5.268	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	5.047	84	180928	4.594	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
36) 1,2-Dichloropropane-d6	6.069	67	60140	5.252	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.000%	
41) Toluene-d8	7.317	98	134580	3.784	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.600%	
43) trans-1,3-Dichloroprop...	7.628	79	14537	3.708	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.200%	
46) 2-Hexanone-d5	8.091	63	63982	49.577	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.160%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39040	5.354	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	46790	5.512	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.200%	
Target Compounds						
2) Dichlorodifluoromethane	1.130	85	1171	0.077	ug/L	96
9) Trichlorofluoromethane	1.751	101	7707	0.362	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	2755	0.123	ug/L #	91
22) cis-1,2-Dichloroethene	3.908	96	8907	0.747	ug/L	99
34) Trichloroethene	5.918	95	3613	0.290	ug/L	94
47) Tetrachloroethene	7.976	164	7847	0.810	ug/L	96

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

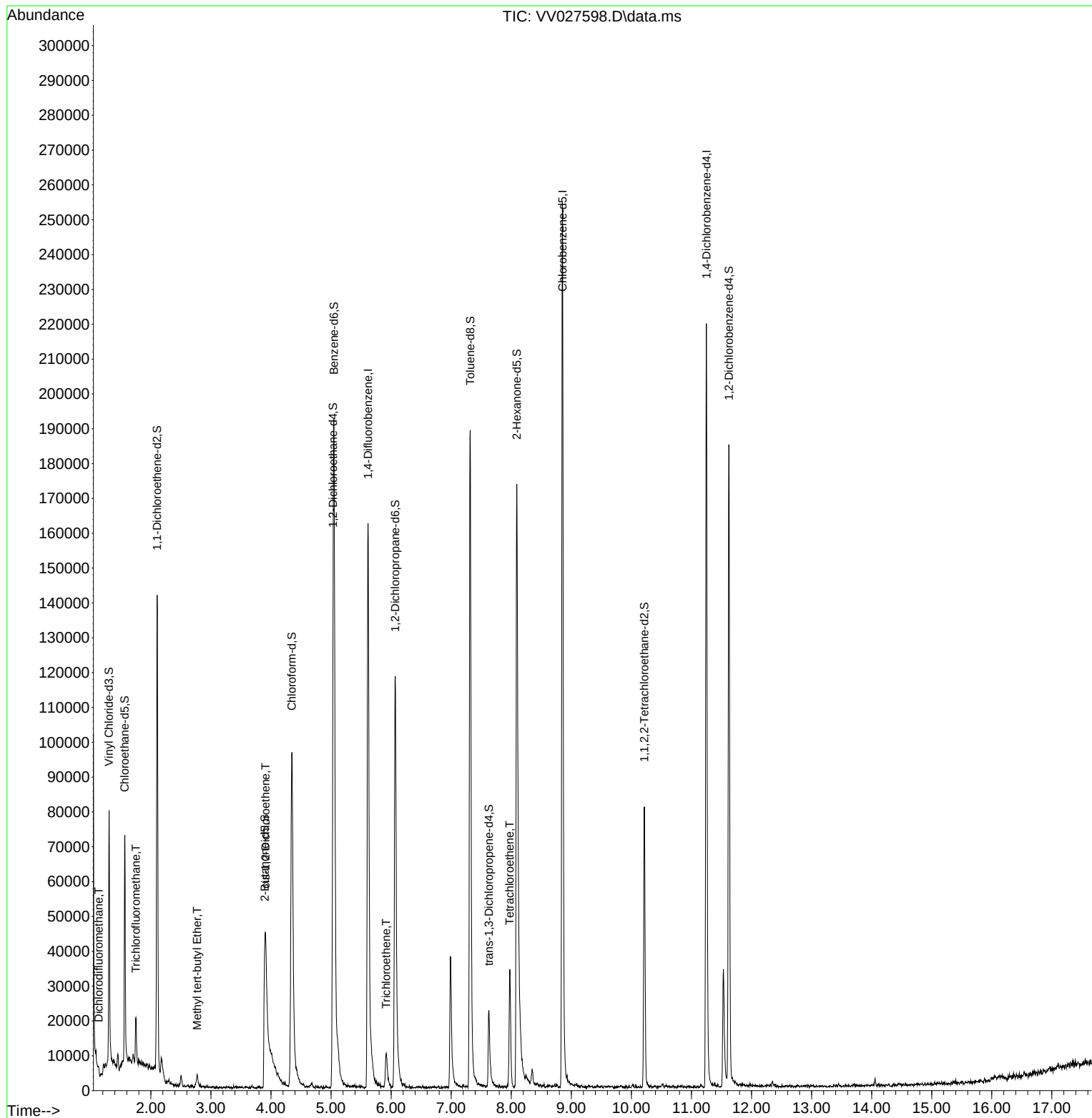
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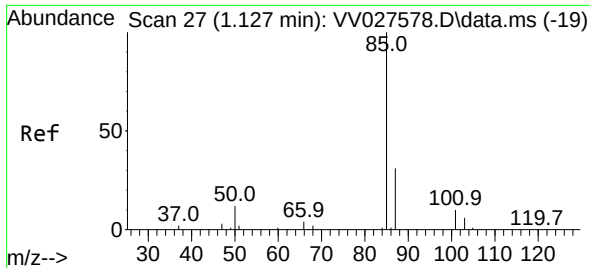
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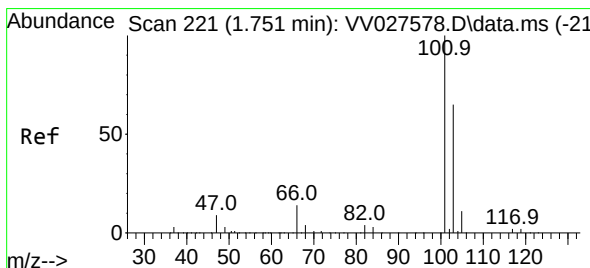
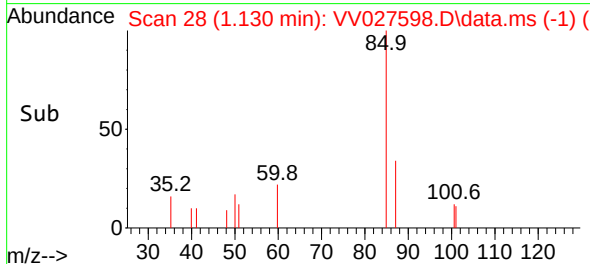
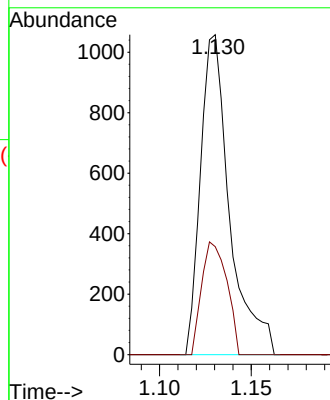
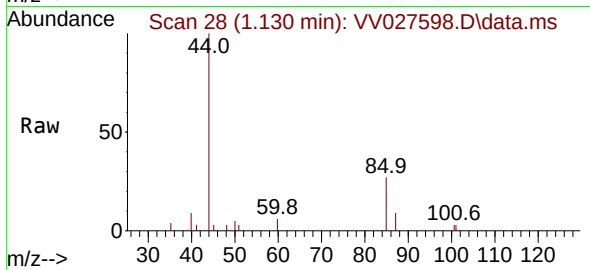
#2
Dichlorodifluoromethane
Concen: 0.077 ug/L
RT: 1.130 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027598.D
Acq: 30 Aug 2022 20:08

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 85 Resp: 117
Ion Ratio Lower Upper
85 100
87 30.4 26.0 39.0

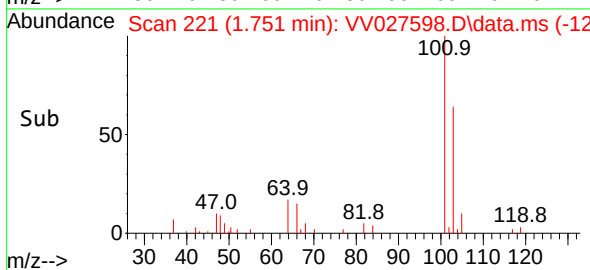
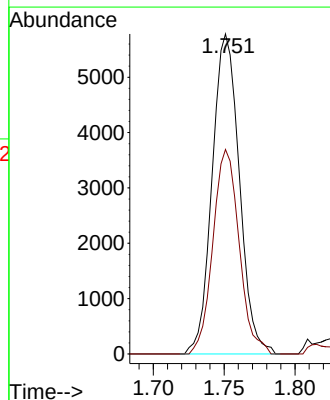
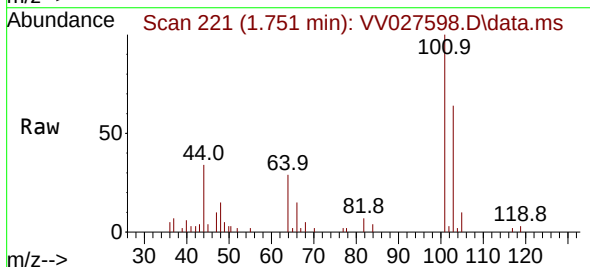
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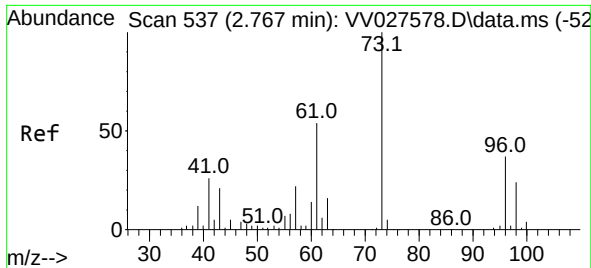
Reviewed By :Krupa Patel 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#9
Trichlorofluoromethane
Concen: 0.362 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV027598.D
Acq: 30 Aug 2022 20:08

Tgt Ion:101 Resp: 7707
Ion Ratio Lower Upper
101 100
103 61.7 51.5 77.3





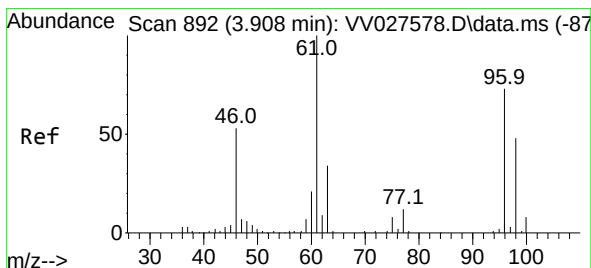
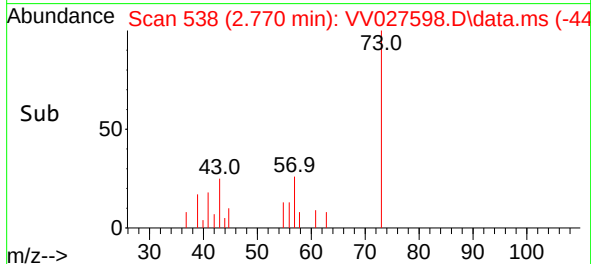
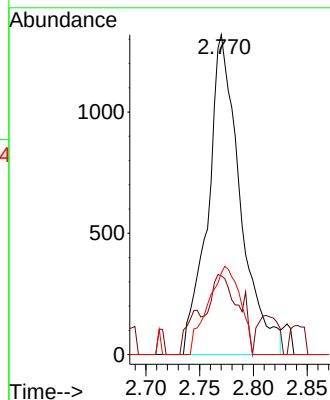
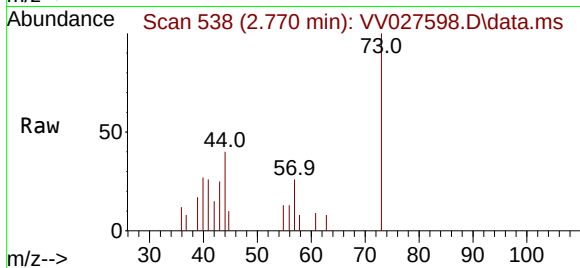
#17
Methyl tert-butyl Ether
Concen: 0.123 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027598.D
Acq: 30 Aug 2022 20:08

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Tgt Ion: 73 Resp: 275
Ion Ratio Lower Upper
73 100
43 21.7 15.6 23.4
57 27.5 17.0 25.6

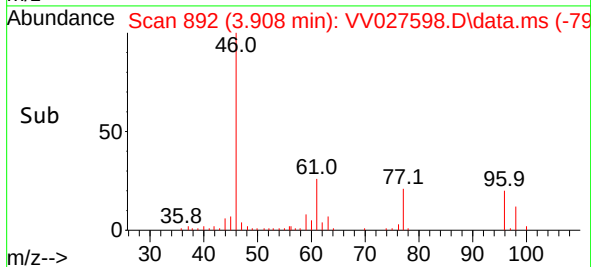
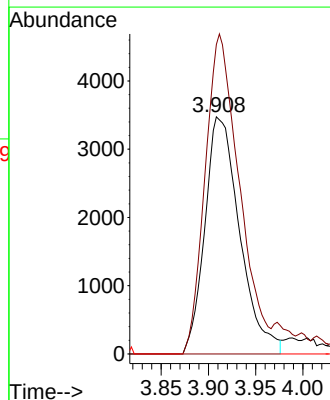
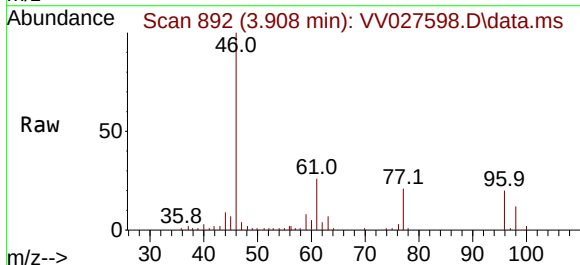
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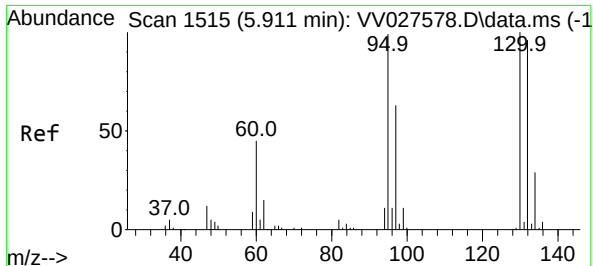
Reviewed By :Krupa Patel 08/31/2022
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#22
cis-1,2-Dichloroethene
Concen: 0.747 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.000 min
Lab File: VV027598.D
Acq: 30 Aug 2022 20:08

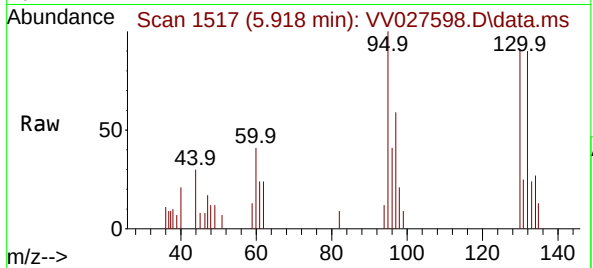
Tgt Ion: 96 Resp: 8907
Ion Ratio Lower Upper
96 100
61 130.5 90.6 168.2
68 0.0 0.0 0.0





#34
Trichloroethene
Concen: 0.290 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV027598.D
Acq: 30 Aug 2022 20:08

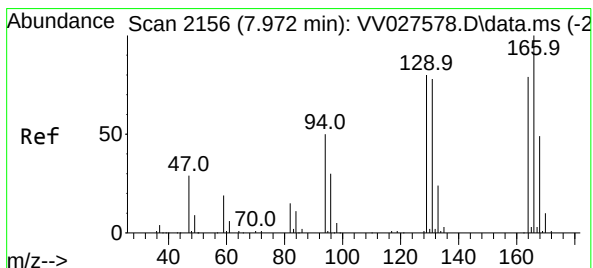
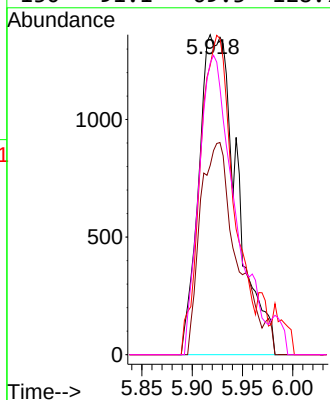
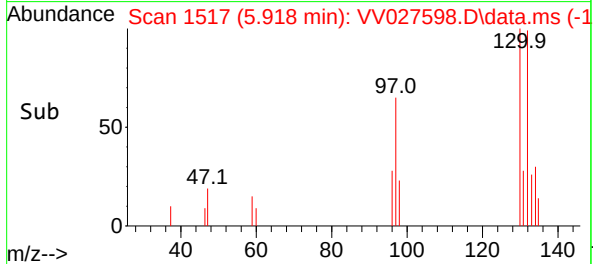
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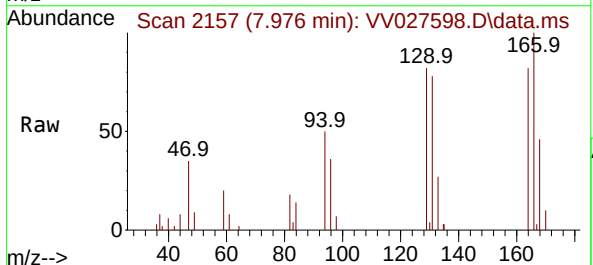
Tgt Ion: 95 Resp: 361
Ion Ratio Lower Upper
95 100
97 59.1 45.0 83.6
132 90.4 65.7 121.9
130 91.1 69.3 128.7

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#47
Tetrachloroethene
Concen: 0.810 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV027598.D
Acq: 30 Aug 2022 20:08



Tgt Ion:164 Resp: 7847
Ion Ratio Lower Upper
164 100
129 99.3 71.1 132.1
131 95.3 64.5 119.9
166 121.6 89.4 166.0

