

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080522\
 Data File : VV027231.D
 Acq On : 05 Aug 2022 17:47
 Operator : SY/MD
 Sample : N4021-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E24

Quant Time: Aug 06 04:01:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 03:57:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/07/2022
 Supervised By : Mahesh Dadoda 08/08/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	316433	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	321057	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	123582	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	147521	68.380	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 136.760%#			
7) Chloroethane-d5	1.558	69	114746	72.755	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 145.500%#			
11) 1,1-Dichloroethene-d2	2.098	63	191678	48.573	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.140%			
21) 2-Butanone-d5	3.873	46	205853	107.197	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.200%			
24) Chloroform-d	4.343	84	252055	57.037	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.080%			
26) 1,2-Dichloroethane-d4	5.027	65	179306	65.351	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 130.700%#			
32) Benzene-d6	5.043	84	517764	67.249	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 134.500%#			
36) 1,2-Dichloropropane-d6	6.066	67	183054	66.839	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 133.680%#			
41) Toluene-d8	7.313	98	429169	65.396	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 130.800%#			
43) trans-1,3-Dichloroprop...	7.619	79	69188	57.959	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 115.920%			
47) 2-Hexanone-d5	8.088	63	139960	106.105	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.100%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	246756	55.288	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.580%			
66) 1,2-Dichlorobenzene-d4	11.622	152	148972	69.804	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 139.600%#			
Target Compounds						
5) Vinyl chloride	1.307	62	79184	24.717	ug/L	98
8) Chloroethane	1.574	64	13577	7.607	ug/L	96
17) trans-1,2-Dichloroethene	2.757	96	8400	3.462	ug/L	85
20) cis-1,2-Dichloroethene	3.902	96	459932m	182.476	ug/L	
34) Trichloroethene	5.912	95	82612	31.272	ug/L	95
46) Tetrachloroethene	7.973	164	33030	17.083	ug/L	99

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

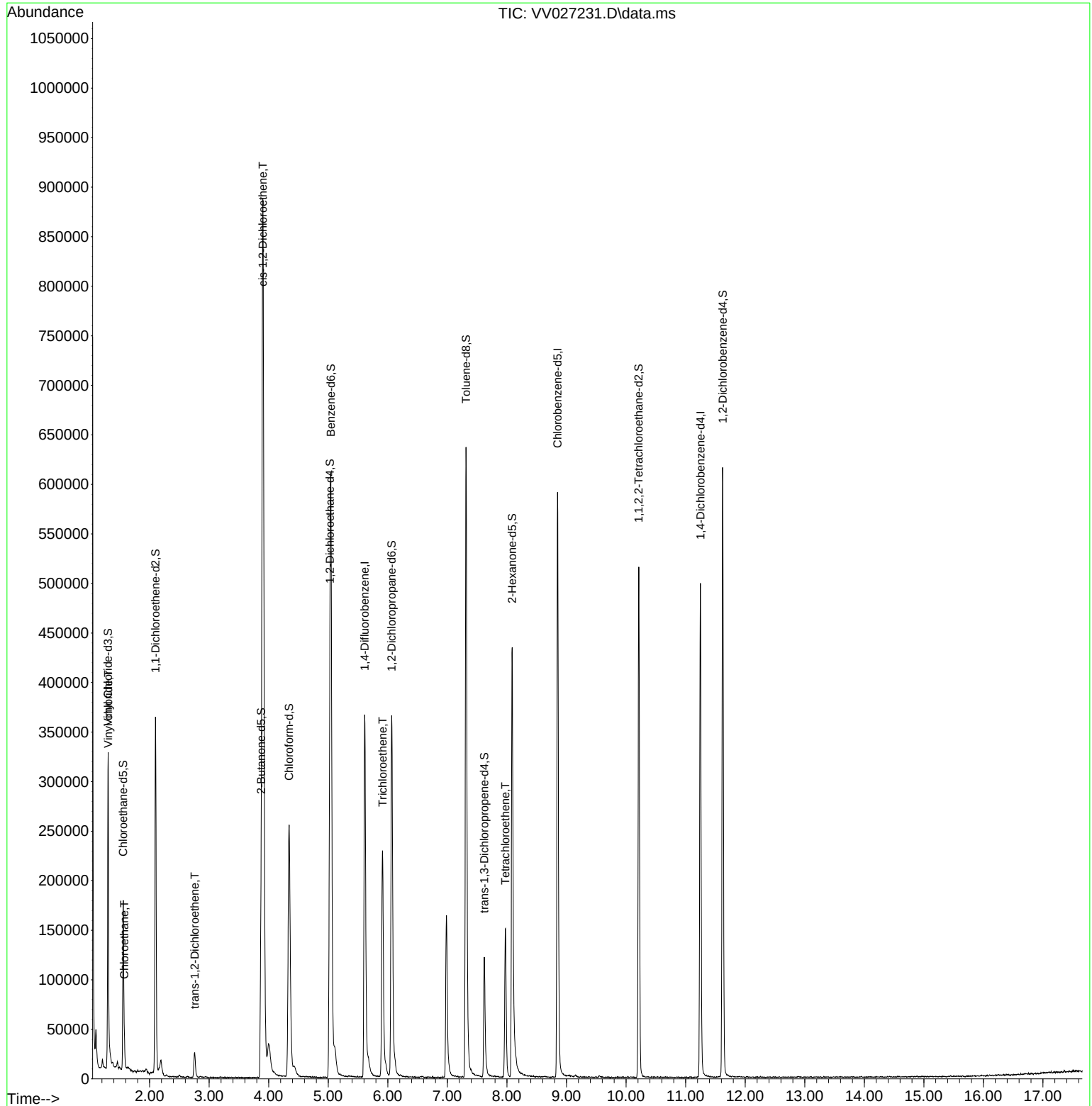
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080522\
Data File : VV027231.D
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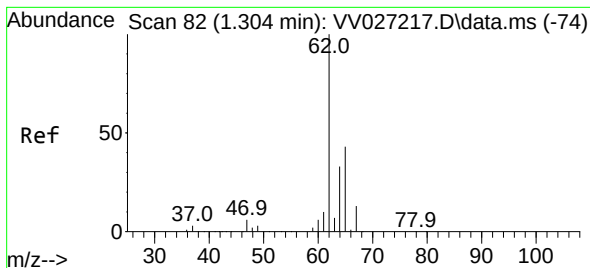
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 06 03:57:43 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 24.717 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.003 min

Lab File: VV027231.D

Acq: 05 Aug 2022 17:47

Instrument :

MSVOA_V

ClientSampleId :

F5E24

Tgt Ion: 62 Resp: 79184

Ion Ratio Lower Upper

62 100

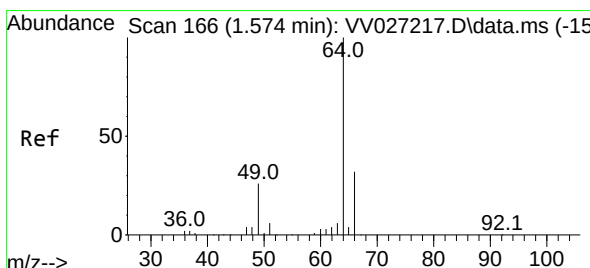
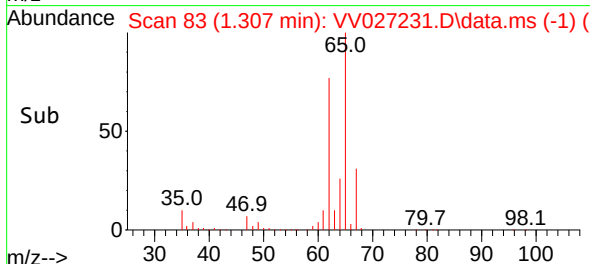
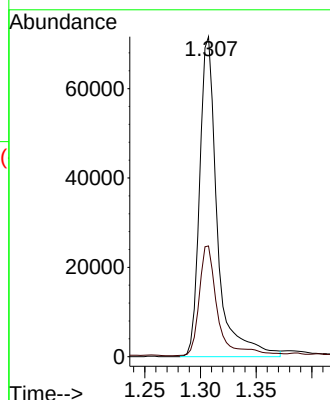
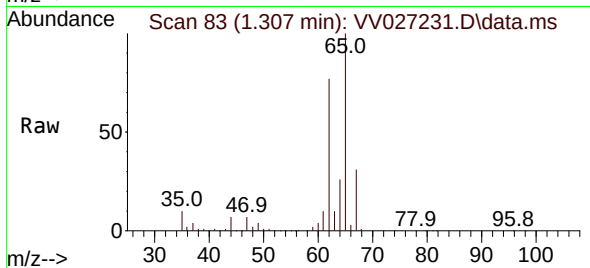
64 34.6 23.2 43.2

Manual Integrations

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#8

Chloroethane

Concen: 7.607 ug/L

RT: 1.574 min Scan# 166

Delta R.T. 0.000 min

Lab File: VV027231.D

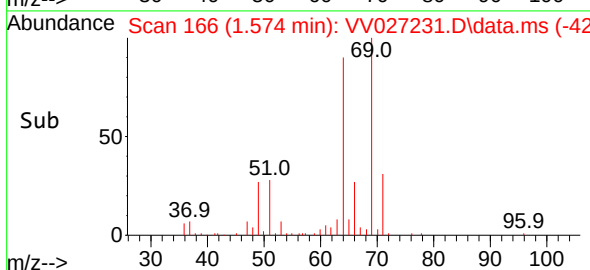
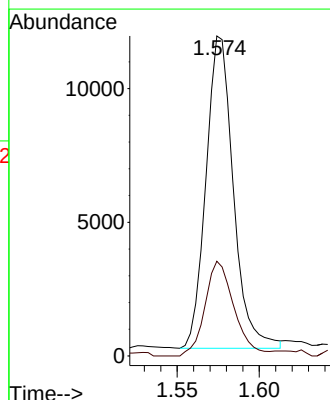
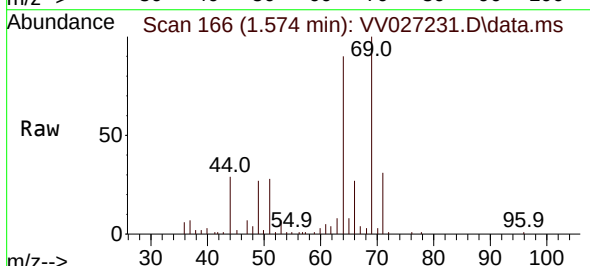
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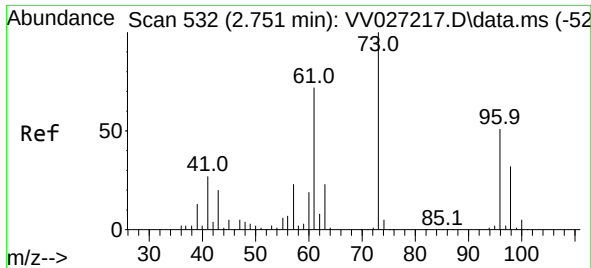
Tgt Ion: 64 Resp: 13577

Ion Ratio Lower Upper

64 100

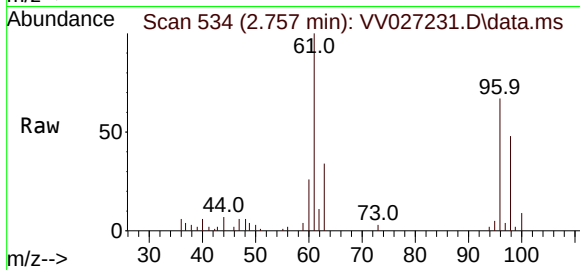
66 29.6 22.4 41.6





#17
trans-1,2-Dichloroethene
Concen: 3.462 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027231.D
Acq: 05 Aug 2022 17:47

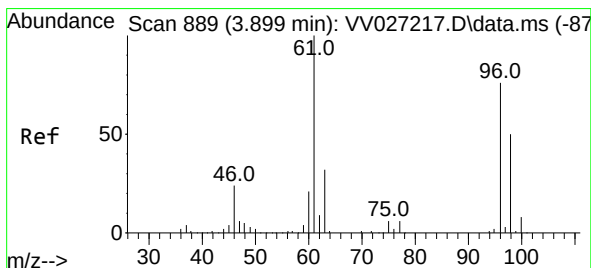
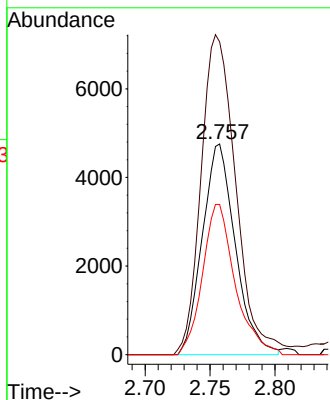
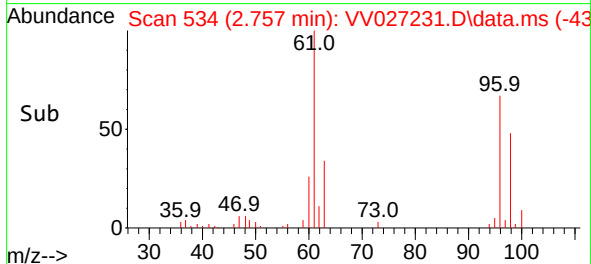
Instrument :
MSVOA_V
ClientSampleId :
F5E24



Tgt Ion: 96 Resp: 8400
Ion Ratio Lower Upper
96 100
61 148.5 89.2 165.6
98 71.3 44.6 82.8

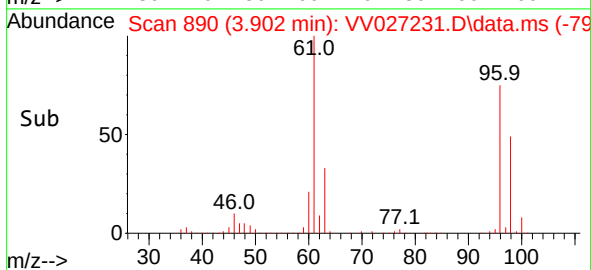
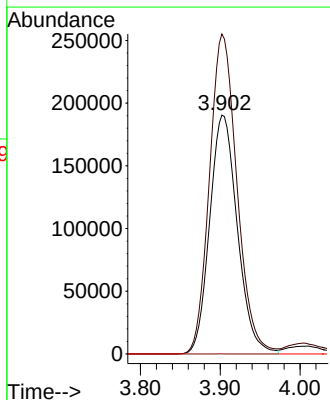
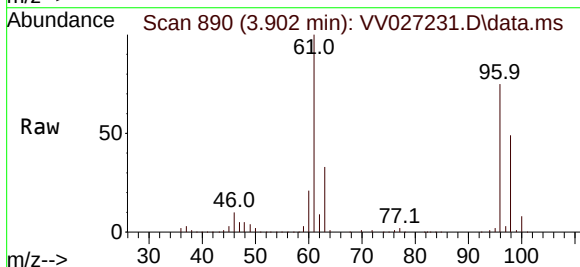
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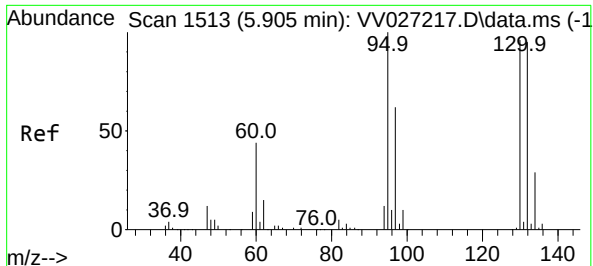
Reviewed By :Semsettin Yesilyurt 08/07/2022
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#20
cis-1,2-Dichloroethene
Concen: 182.476 ug/L m
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV027231.D
Acq: 05 Aug 2022 17:47

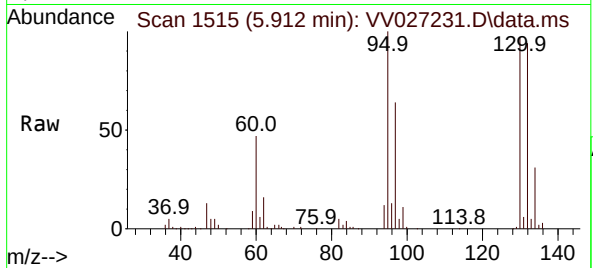
Tgt Ion: 96 Resp: 459932
Ion Ratio Lower Upper
96 100
61 134.0 81.8 151.8
68 0.1 0.0 0.0#





#34
Trichloroethene
Concen: 31.272 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VV027231.D
Acq: 05 Aug 2022 17:47

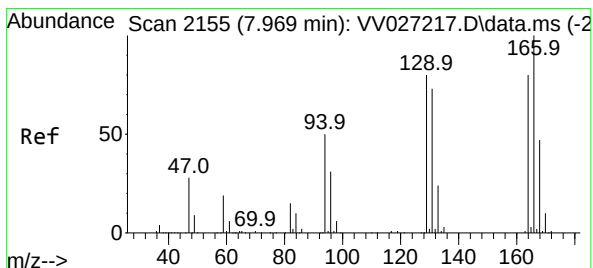
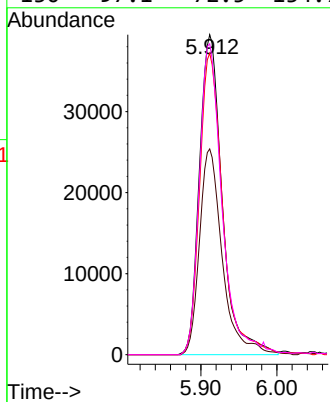
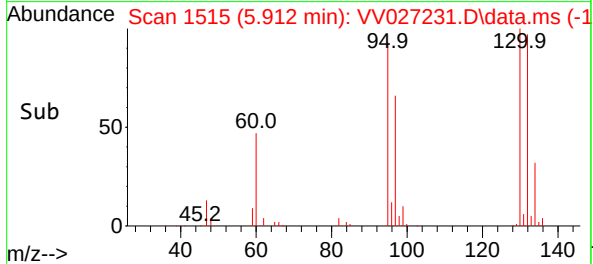
Instrument :
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ClientSampleId :
F5E24



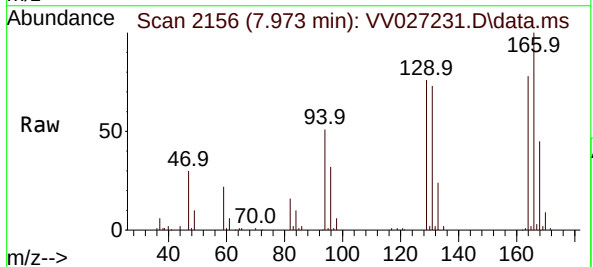
Tgt Ion: 95 Resp: 8261
Ion Ratio Lower Upper
95 100
97 64.3 45.9 85.3
132 94.2 69.8 129.6
130 97.1 72.5 134.7

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#46
Tetrachloroethene
Concen: 17.083 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV027231.D
Acq: 05 Aug 2022 17:47



Tgt Ion:164 Resp: 33030
Ion Ratio Lower Upper
164 100
129 96.5 67.5 125.4
131 93.0 64.3 119.3
166 127.5 88.9 165.1

