

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026276.D
 Acq On : 15 Jun 2022 14:33
 Operator : SY/MD
 Sample : N3320-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ75

Quant Time: Jun 16 01:39:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:38:03 2022
 Response via : Initial Calibration

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

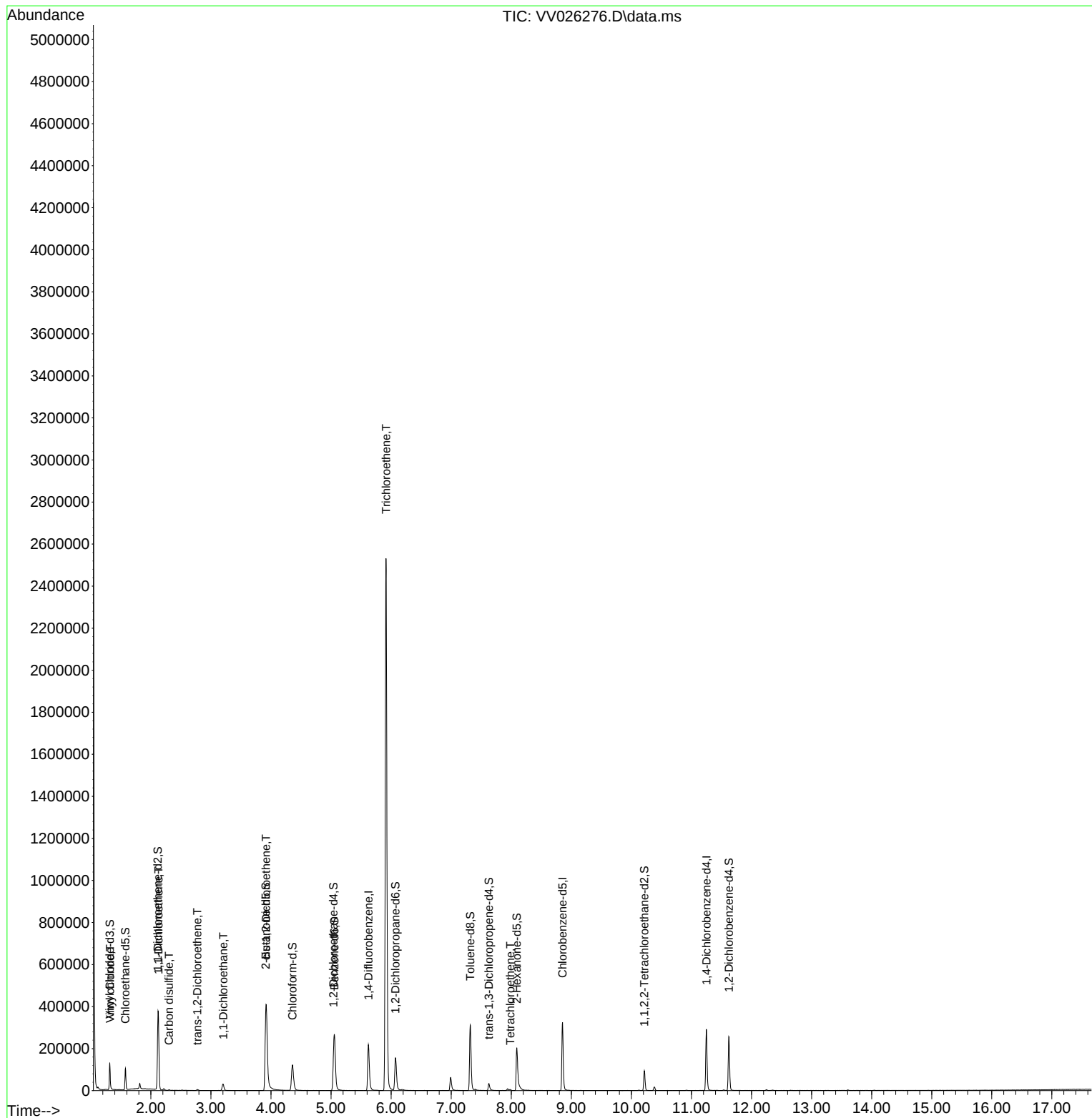
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	194958	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	186043	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79730	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	80592	4.759	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.200%	
7) Chloroethane-d5	1.577	69	65688	4.934	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.600%	
11) 1,1-Dichloroethene-d2	2.118	63	150178	5.164	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	103.200%	
20) 2-Butanone-d5	3.912	46	100174	60.627	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	121.260%	
24) Chloroform-d	4.359	84	129966	5.236	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.800%	
26) 1,2-Dichloroethane-d4	5.040	65	54887	5.227	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.600%	
32) Benzene-d6	5.056	84	259012	5.207	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
36) 1,2-Dichloropropane-d6	6.072	67	79905	5.504	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	110.000%	
41) Toluene-d8	7.317	98	216474	4.773	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
43) trans-1,3-Dichloroprop...	7.629	79	22099	4.695	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.800%	
46) 2-Hexanone-d5	8.092	63	72582	51.045	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.080%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47317	5.291	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	68633	5.589	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.800%	
Target Compounds						Qvalue
5) Vinyl chloride	1.320	62	11359	0.675	ug/L	93
12) 1,1-Dichloroethene	2.127	96	70918	5.758	ug/L	97
14) Carbon disulfide	2.304	76	4106	0.135	ug/L #	92
18) trans-1,2-Dichloroethene	2.773	96	1658	0.139	ug/L	87
19) 1,1-Dichloroethane	3.204	63	32783	1.439	ug/L	98
22) cis-1,2-Dichloroethene	3.918	96	219258	18.141	ug/L	100
34) Trichloroethene	5.915	95	884649	67.936	ug/L	97
47) Tetrachloroethene	7.985	164	1270	0.132	ug/L #	77

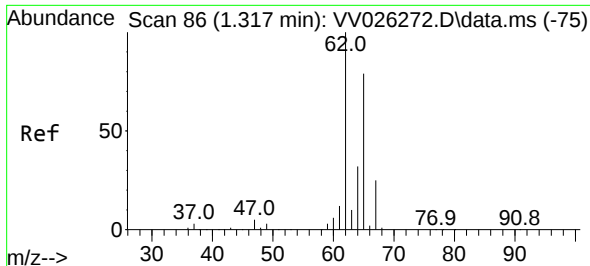
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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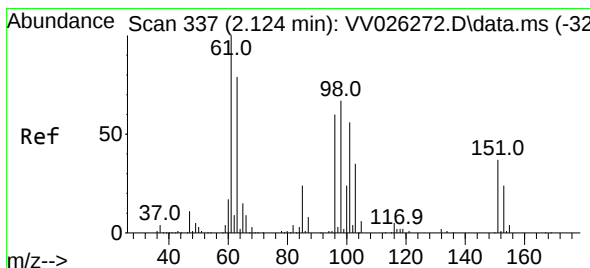
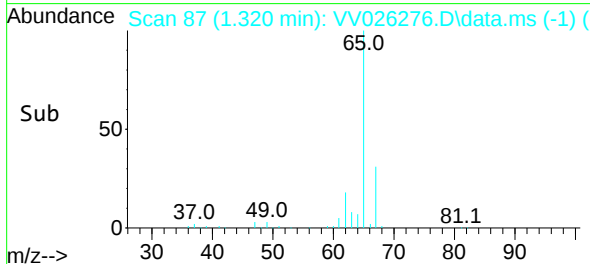
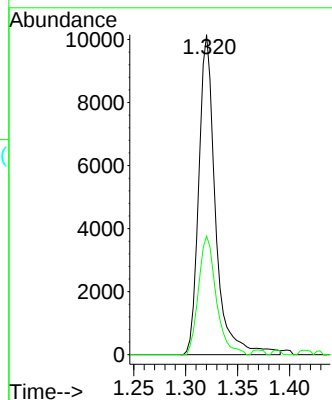
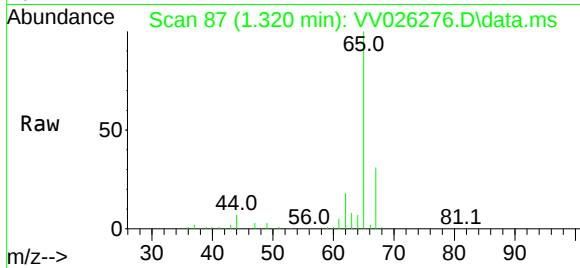




#5
 Vinyl chloride
 Concen: 0.675 ug/L
 RT: 1.320 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026276.D
 Acq: 15 Jun 2022 14:33

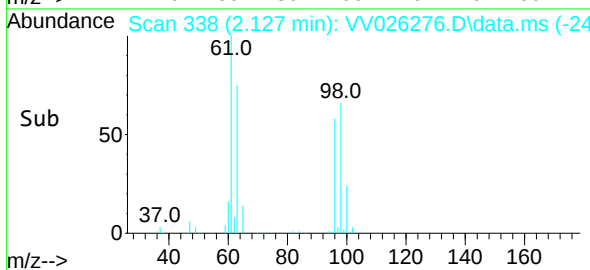
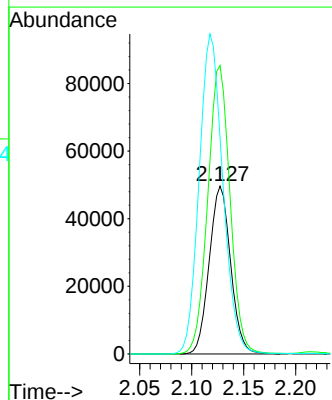
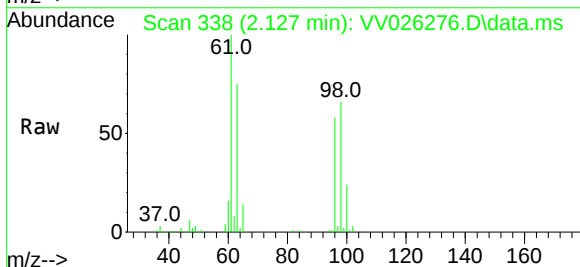
Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ75

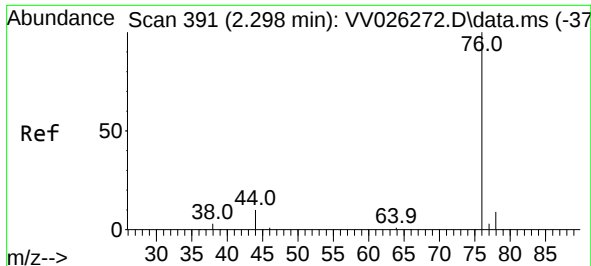
Tgt Ion: 62 Resp: 11359
 Ion Ratio Lower Upper
 62 100
 64 37.0 23.2 43.2



#12
 1,1-Dichloroethene
 Concen: 5.758 ug/L
 RT: 2.127 min Scan# 338
 Delta R.T. 0.003 min
 Lab File: VV026276.D
 Acq: 15 Jun 2022 14:33

Tgt Ion: 96 Resp: 70918
 Ion Ratio Lower Upper
 96 100
 61 171.9 117.1 217.5
 63 129.0 92.8 172.4

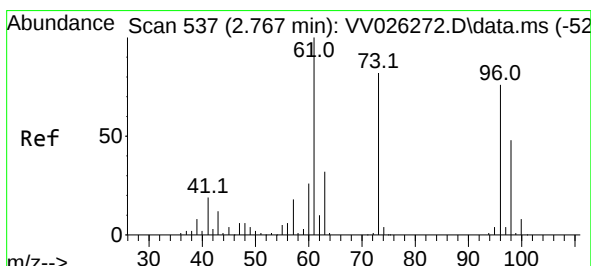
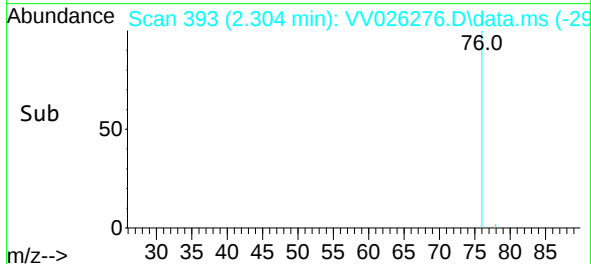
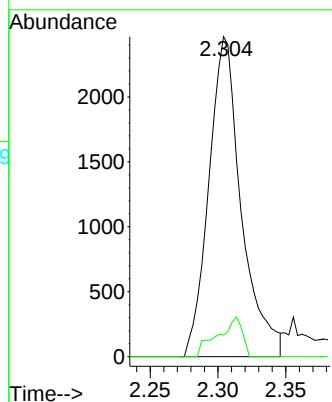
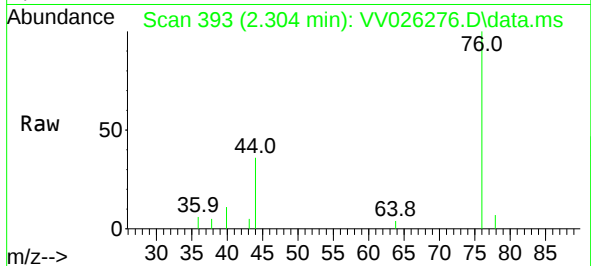




#14
Carbon disulfide
Concen: 0.135 ug/L
RT: 2.304 min Scan# 391
Delta R.T. 0.006 min
Lab File: VV026276.D
Acq: 15 Jun 2022 14:33

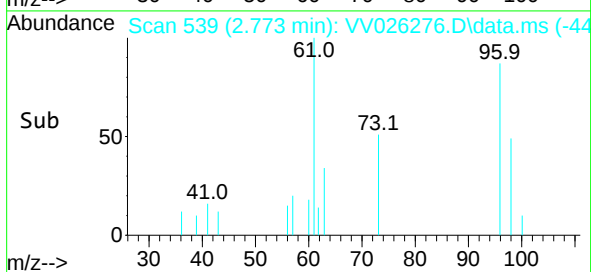
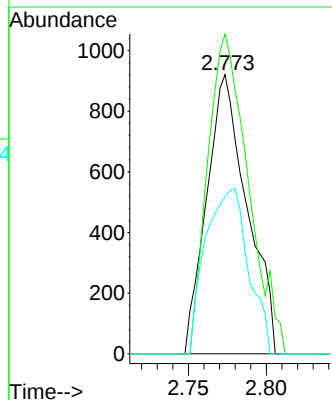
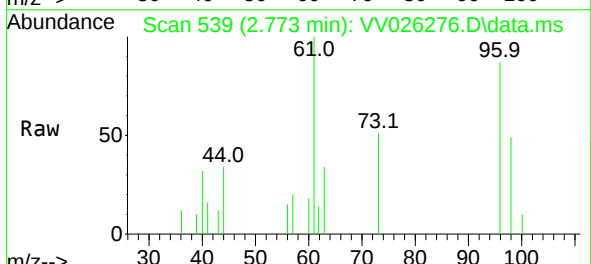
Instrument :
MSVOA_V
ClientSampleId :
BGJ75

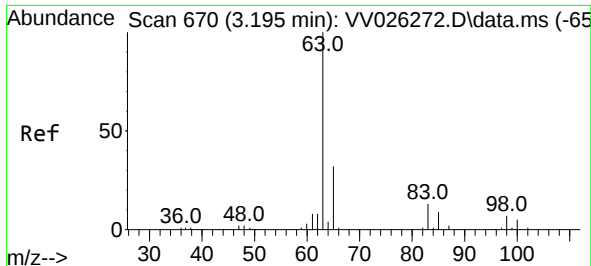
Tgt Ion: 76 Resp: 4106
Ion Ratio Lower Upper
76 100
78 6.8 7.7 11.5#



#18
trans-1,2-Dichloroethene
Concen: 0.139 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV026276.D
Acq: 15 Jun 2022 14:33

Tgt Ion: 96 Resp: 1658
Ion Ratio Lower Upper
96 100
61 114.5 91.3 169.6
98 56.2 45.3 84.1





#19

1,1-Dichloroethane

Concen: 1.439 ug/L

RT: 3.204 min Scan# 61

Delta R.T. 0.010 min

Lab File: VV026276.D

Acq: 15 Jun 2022 14:33

Instrument :

MSVOA_V

ClientSampleId :

BGJ75

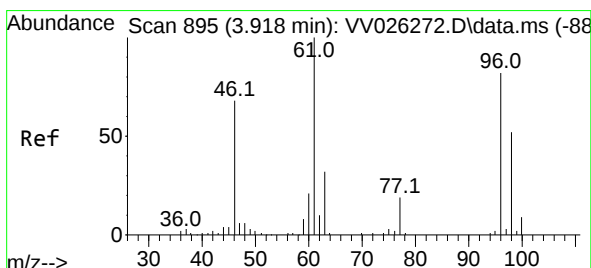
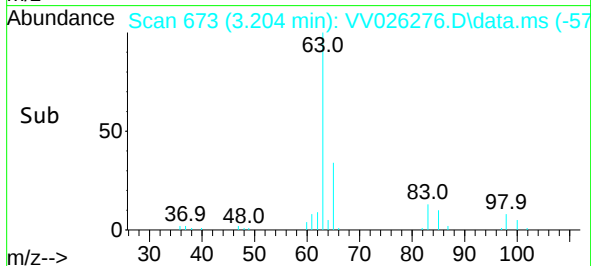
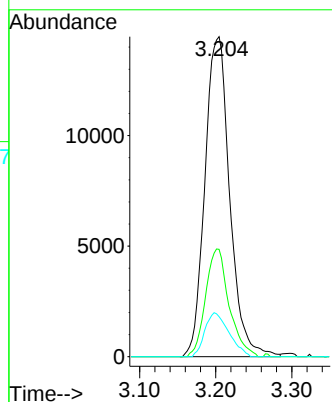
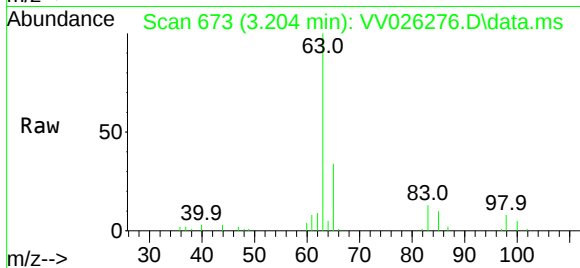
Tgt Ion: 63 Resp: 32783

Ion Ratio Lower Upper

63 100

65 33.6 22.3 41.3

83 12.5 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 18.141 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.000 min

Lab File: VV026276.D

Acq: 15 Jun 2022 14:33

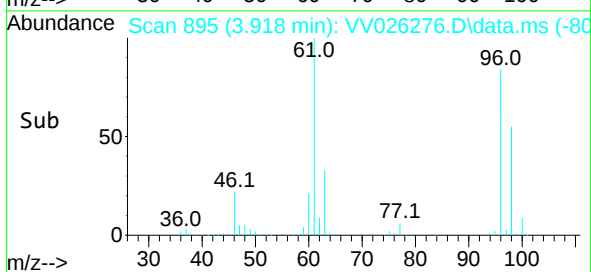
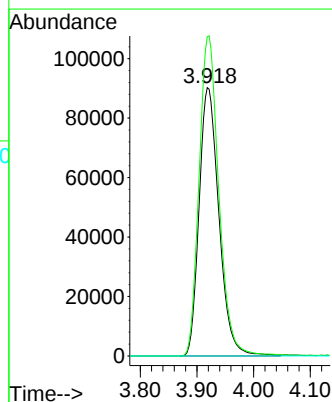
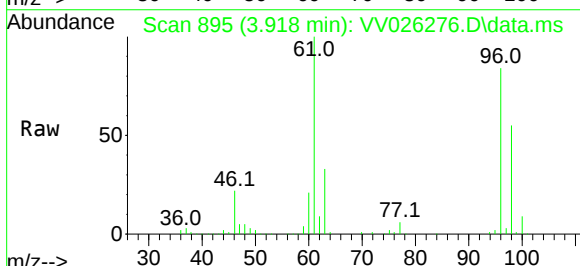
Tgt Ion: 96 Resp: 219258

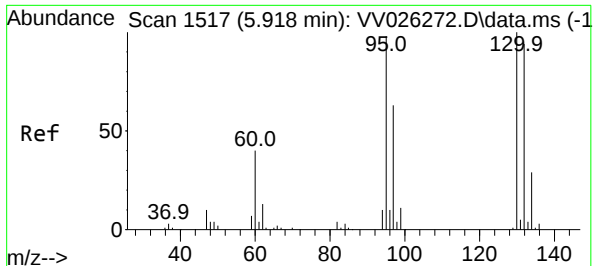
Ion Ratio Lower Upper

96 100

61 119.0 83.6 155.2

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 67.936 ug/L

RT: 5.915 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV026276.D

Acq: 15 Jun 2022 14:33

Instrument :

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ClientSampleId :

BGJ75

Tgt Ion: 95 Resp: 884649

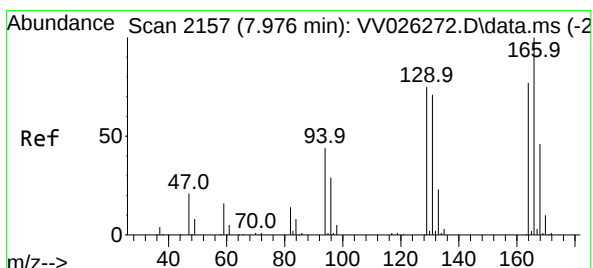
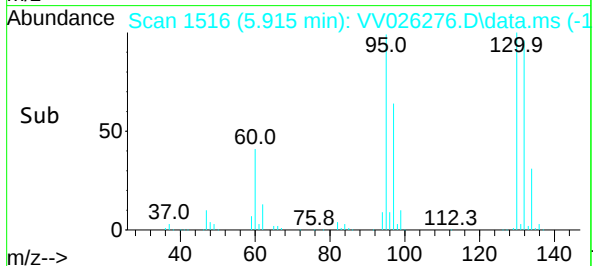
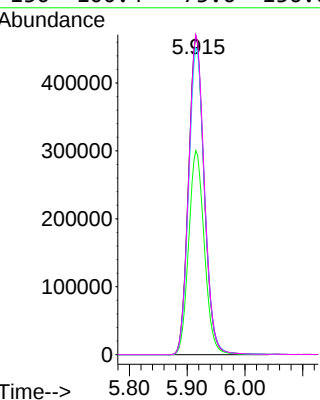
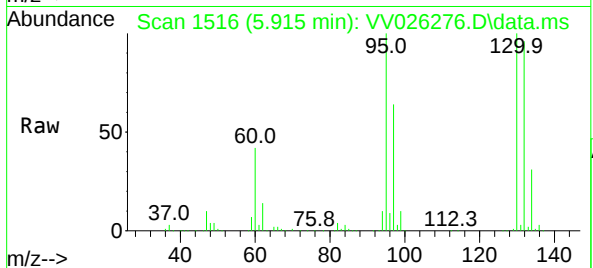
Ion Ratio Lower Upper

95 100

97 64.0 46.5 86.3

132 96.2 68.8 127.8

130 100.4 73.6 136.6



#47

Tetrachloroethene

Concen: 0.132 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. 0.010 min

Lab File: VV026276.D

Acq: 15 Jun 2022 14:33

Tgt Ion:164 Resp: 1270

Ion Ratio Lower Upper

164 100

129 58.0 67.5 125.3#

131 79.2 63.8 118.4

166 107.5 89.5 166.3

