

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032422\
 Data File : VV025159.D
 Acq On : 24 Mar 2022 18:53
 Operator : SY/MD
 Sample : N2100-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF6

Quant Time: Mar 25 03:12:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 02:51:12 2022
 Response via : Initial Calibration

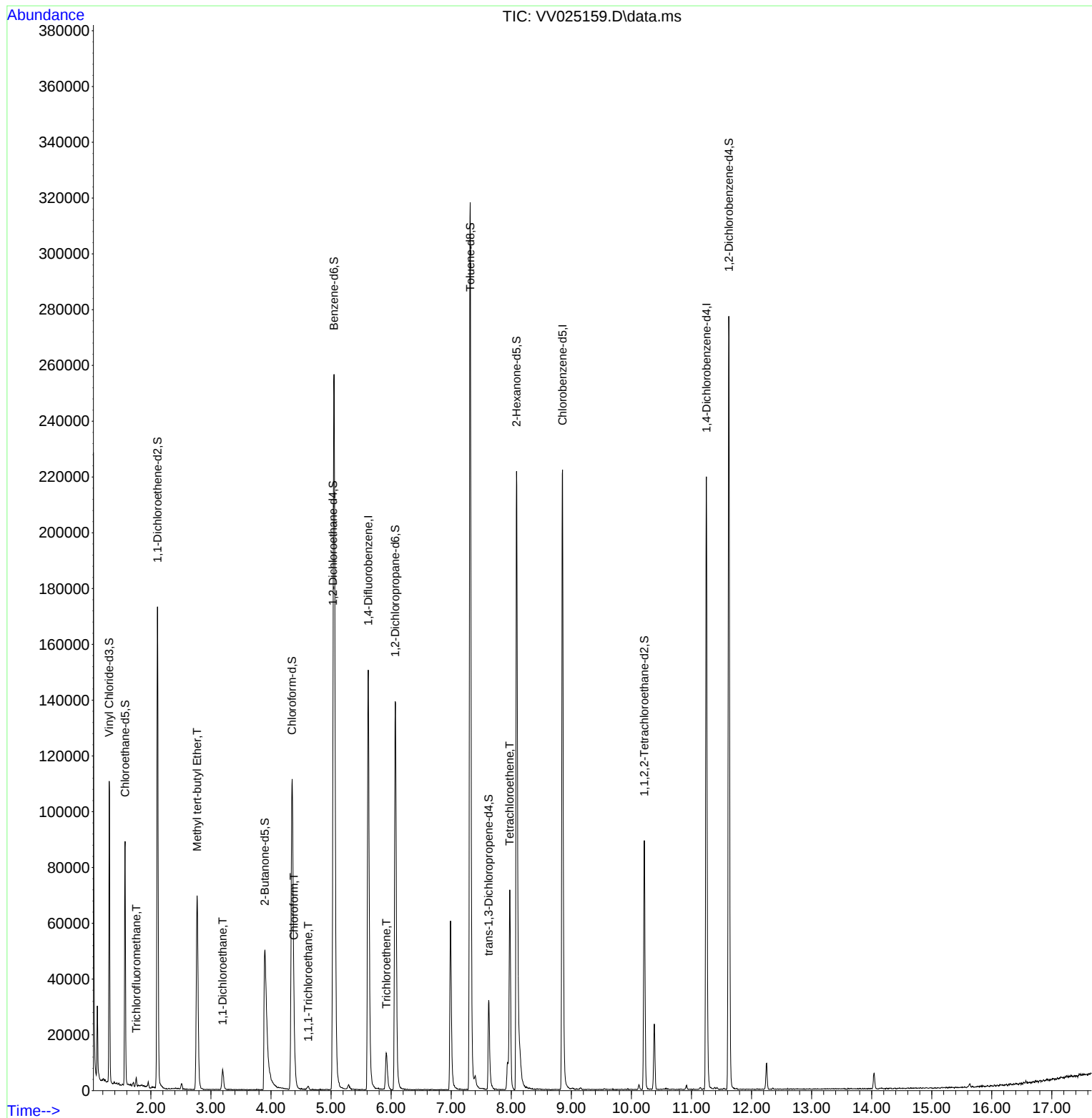
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	139389	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	133061	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58924	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	68619	6.236	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 124.800%		
7) Chloroethane-d5	1.571	69	56531	7.015	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 140.400%#		
11) 1,1-Dichloroethene-d2	2.111	63	89795	5.049	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.000%		
20) 2-Butanone-d5	3.899	46	101570	76.372	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 152.740%#		
24) Chloroform-d	4.352	84	120280	6.590	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 131.800%#		
26) 1,2-Dichloroethane-d4	5.034	65	50786	6.656	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 133.200%#		
32) Benzene-d6	5.050	84	253387	6.565	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 131.200%#		
36) 1,2-Dichloropropane-d6	6.069	67	74103	6.676	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 133.600%		
41) Toluene-d8	7.317	98	223175	6.344	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 126.800%		
43) trans-1,3-Dichloroprop...	7.625	79	21181	5.474	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 109.400%		
46) 2-Hexanone-d5	8.088	63	86610	65.622	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 131.240%#		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45554	6.976	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 139.600%#		
66) 1,2-Dichlorobenzene-d4	11.622	152	72762	7.294	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 145.800%#		
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.758	101	1685	0.101	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	76392	3.950	ug/L	99
19) 1,1-Dichloroethane	3.195	63	7830	0.431	ug/L	91
25) Chloroform	4.381	83	14390	0.760	ug/L	96
29) 1,1,1-Trichloroethane	4.619	97	1187	0.070	ug/L #	83
34) Trichloroethene	5.921	95	4478	0.389	ug/L	99
47) Tetrachloroethene	7.976	164	16506	2.036	ug/L	96

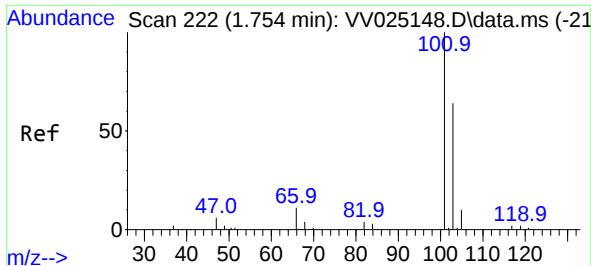
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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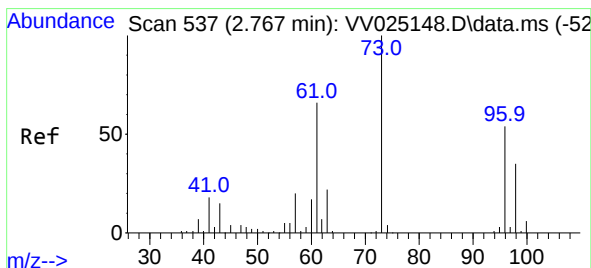
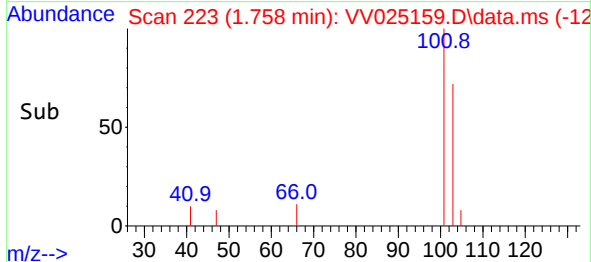
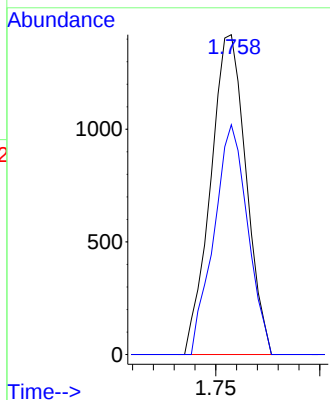
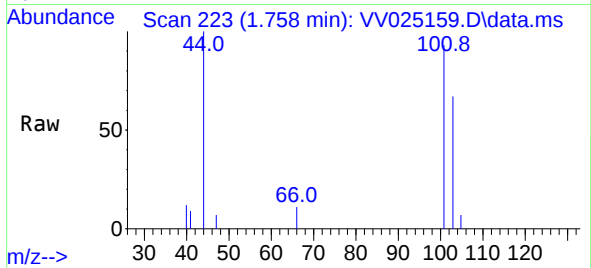




#9
 Trichlorofluoromethane
 Concen: 0.101 ug/L
 RT: 1.758 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV025159.D
 Acq: 24 Mar 2022 18:53

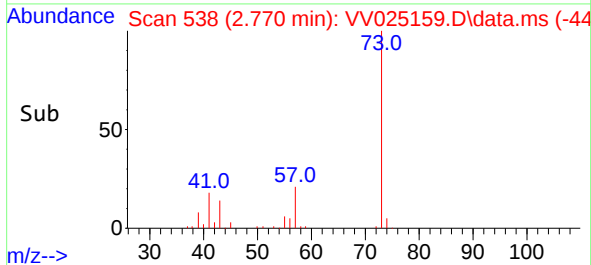
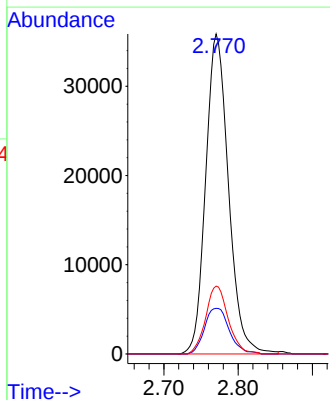
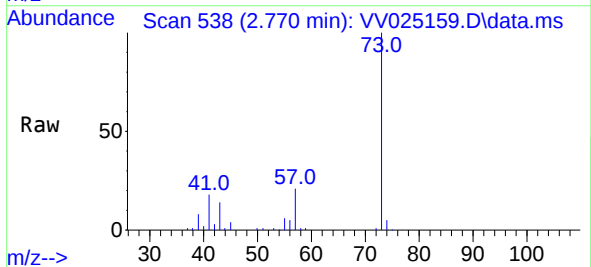
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 MSVOA_V
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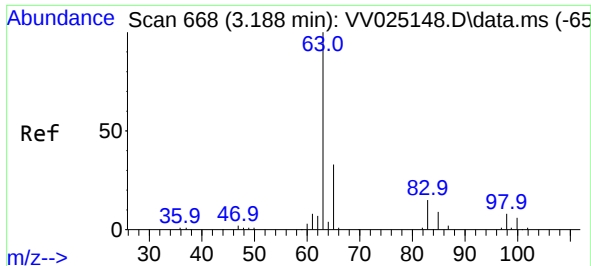
Tgt Ion:101 Resp: 1685
 Ion Ratio Lower Upper
 101 100
 103 68.2 51.5 77.3



#17
 Methyl tert-butyl Ether
 Concen: 3.950 ug/L
 RT: 2.770 min Scan# 538
 Delta R.T. 0.003 min
 Lab File: VV025159.D
 Acq: 24 Mar 2022 18:53

Tgt Ion: 73 Resp: 76392
 Ion Ratio Lower Upper
 73 100
 43 15.6 13.2 19.8
 57 21.1 16.7 25.1

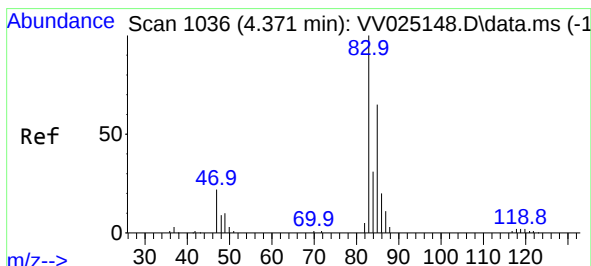
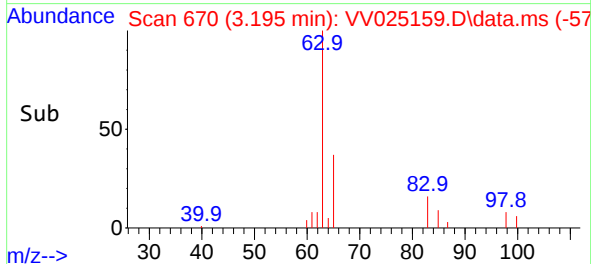
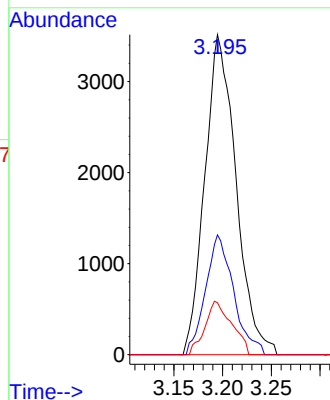
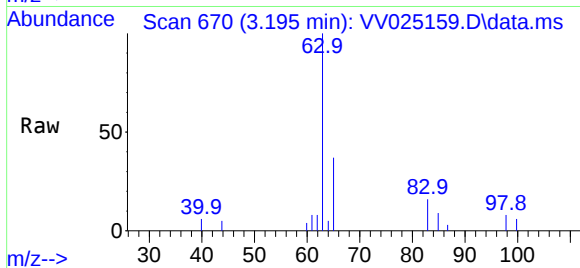




#19
1,1-Dichloroethane
Concen: 0.431 ug/L
RT: 3.195 min Scan# 61
Delta R.T. 0.007 min
Lab File: VV025159.D
Acq: 24 Mar 2022 18:53

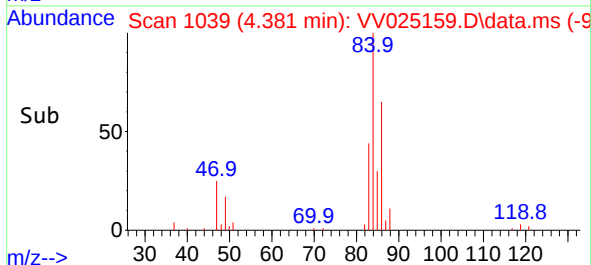
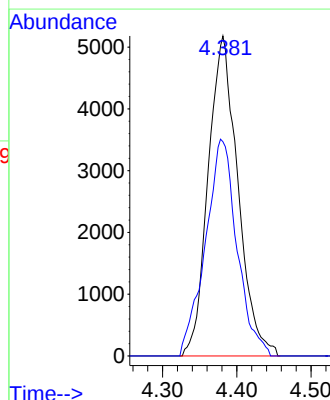
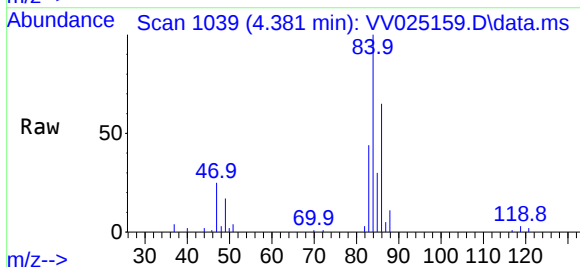
Instrument :
MSVOA_V
ClientSampleId :
C0AF6

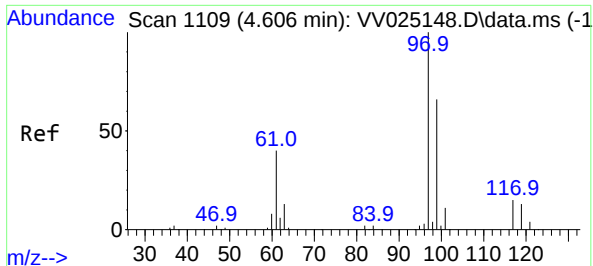
Tgt Ion: 63 Resp: 7830
Ion Ratio Lower Upper
63 100
65 37.4 22.2 41.2
83 16.3 9.4 17.4



#25
Chloroform
Concen: 0.760 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV025159.D
Acq: 24 Mar 2022 18:53

Tgt Ion: 83 Resp: 14390
Ion Ratio Lower Upper
83 100
85 66.9 44.5 82.7





#29

1,1,1-Trichloroethane

Concen: 0.070 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. 0.013 min

Lab File: VV025159.D

Acq: 24 Mar 2022 18:53

Instrument :

MSVOA_V

ClientSampleId :

C0AF6

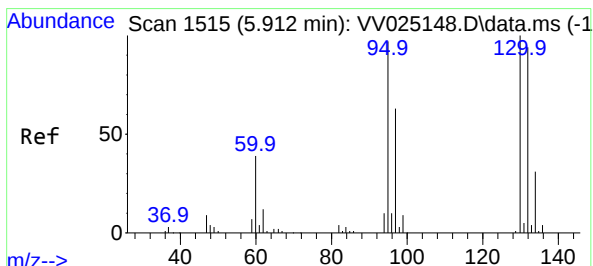
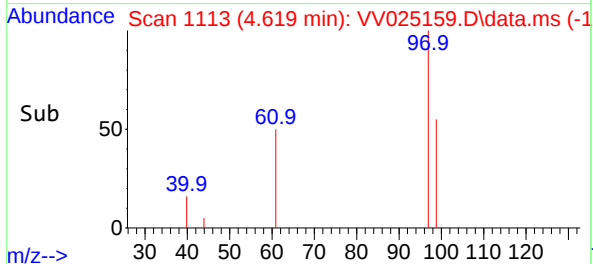
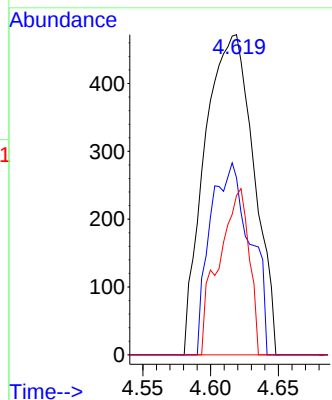
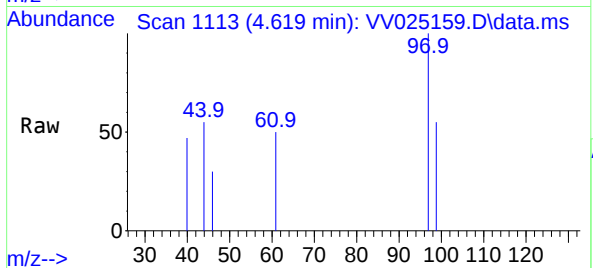
Tgt Ion: 97 Resp: 1187

Ion Ratio Lower Upper

97 100

99 49.0 50.7 76.1#

61 31.9 32.4 48.6#



#34

Trichloroethene

Concen: 0.389 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.010 min

Lab File: VV025159.D

Acq: 24 Mar 2022 18:53

Tgt Ion: 95 Resp: 4478

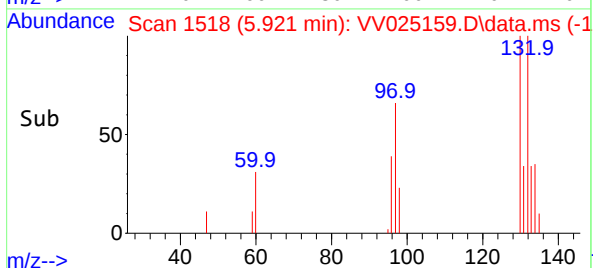
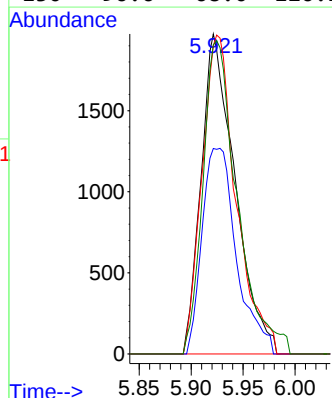
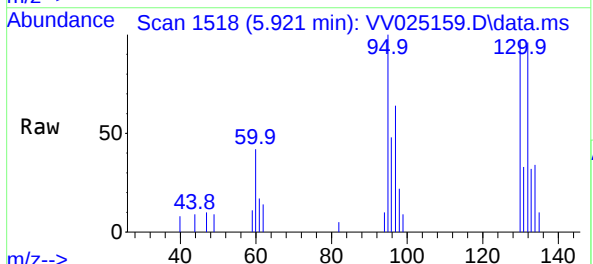
Ion Ratio Lower Upper

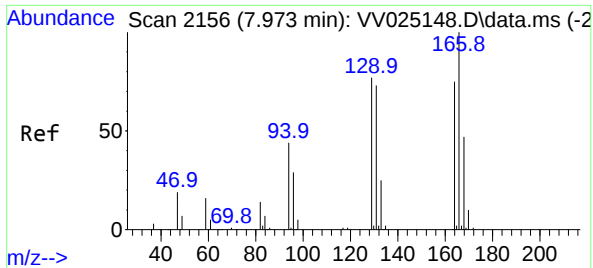
95 100

97 64.2 44.5 82.7

132 96.3 66.5 123.5

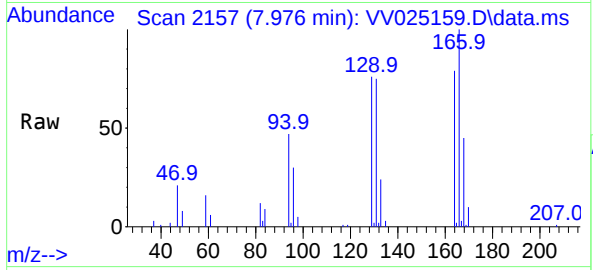
130 96.6 68.0 126.2





#47
 Tetrachloroethene
 Concen: 2.036 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV025159.D
 Acq: 24 Mar 2022 18:53

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF6



Tgt Ion:164 Resp: 16506

Ion	Ratio	Lower	Upper
164	100		
129	95.7	70.3	130.7
131	94.9	69.4	129.0
166	126.2	90.3	167.7

