

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021422\
 Data File : VV024648.D
 Acq On : 14 Feb 2022 14:06
 Operator : SY/MD
 Sample : N1476-09DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXZ7DL

Quant Time: Feb 15 06:27:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 15 06:26:19 2022
 Response via : Initial Calibration

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

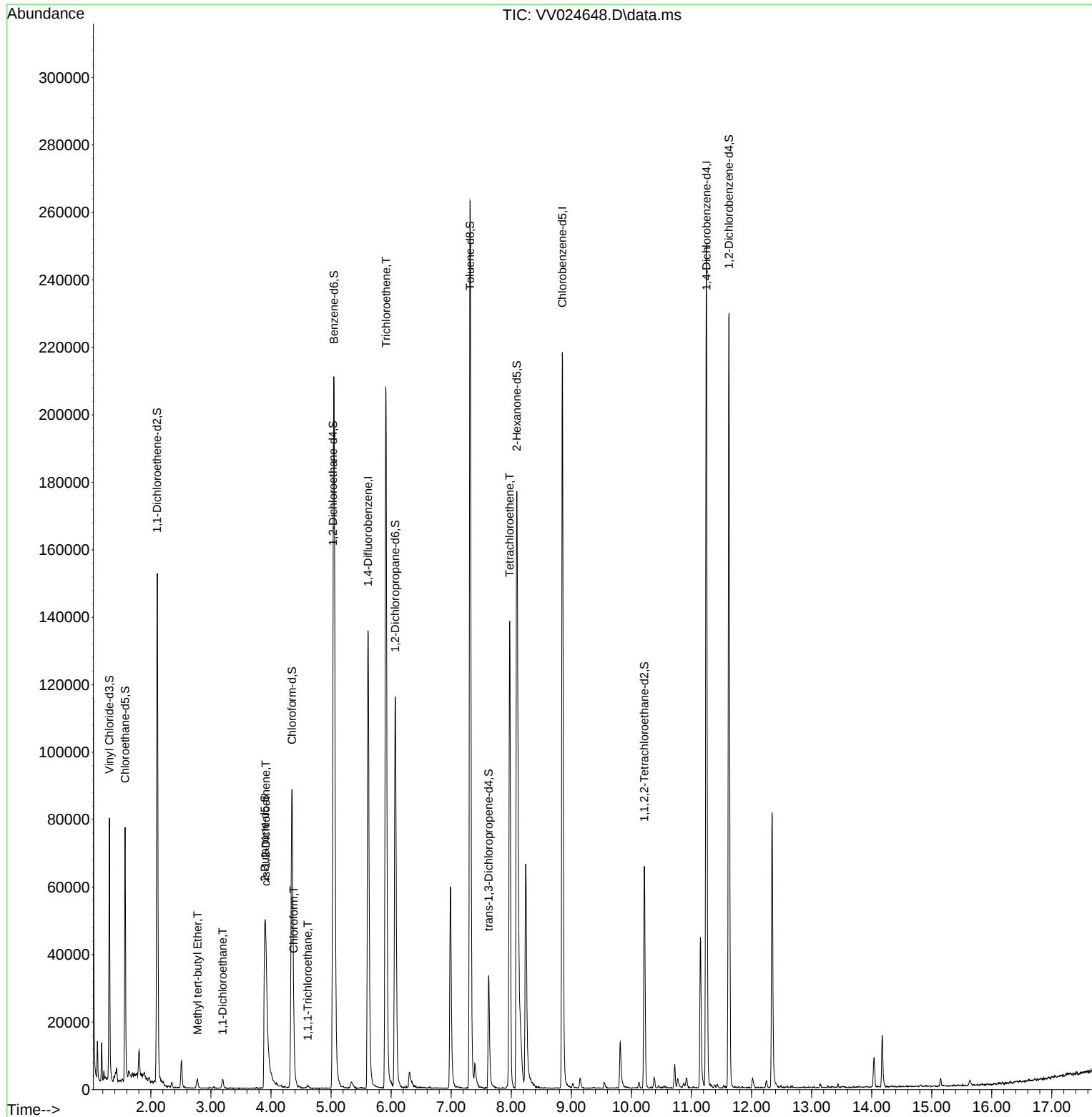
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	118657	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	118430	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60881	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	46932	4.718	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.400%	
7) Chloroethane-d5	1.571	69	46704	5.554	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	111.000%	
11) 1,1-Dichloroethene-d2	2.105	63	79136	3.637	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.800%	
20) 2-Butanone-d5	3.896	46	96235	58.284	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.560%	
24) Chloroform-d	4.349	84	91106	5.204	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.000%	
26) 1,2-Dichloroethane-d4	5.034	65	44464	5.598	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	112.000%	
32) Benzene-d6	5.050	84	193955	5.772	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	115.400%	
36) 1,2-Dichloropropane-d6	6.069	67	59010	5.646	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	113.000%	
41) Toluene-d8	7.314	98	176325	5.626	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	112.600%	
43) trans-1,3-Dichloroprop...	7.625	79	20636	4.889	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.800%	
46) 2-Hexanone-d5	8.092	63	83298	56.019	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.040%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33739	5.422	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	54812	5.585	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.800%	
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.777	73	2788	0.110	ug/L #	94
19) 1,1-Dichloroethane	3.195	63	3059	0.147	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	6070	0.499	ug/L	97
25) Chloroform	4.378	83	3671	0.168	ug/L	92
29) 1,1,1-Trichloroethane	4.613	97	904	0.047	ug/L #	81
34) Trichloroethene	5.915	95	75373	5.922	ug/L	87
47) Tetrachloroethene	7.976	164	28016	3.318	ug/L	87

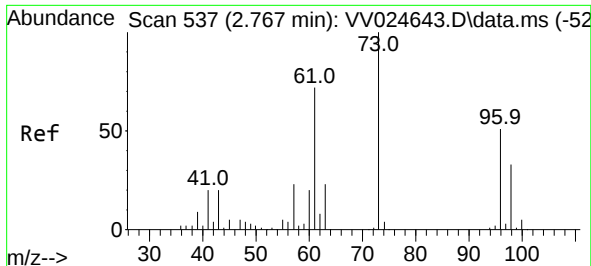
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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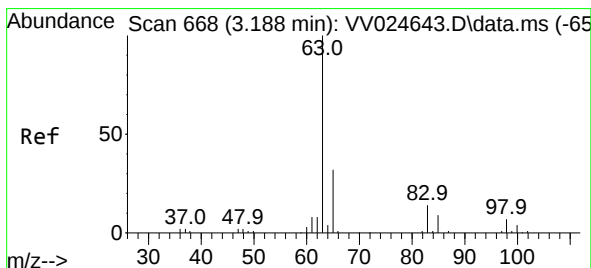
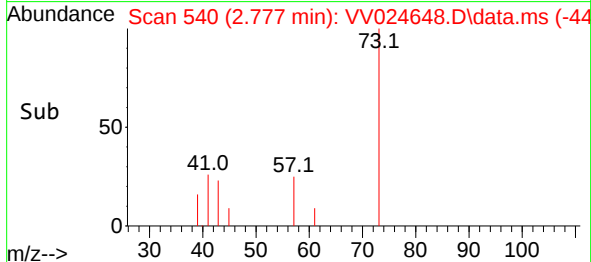
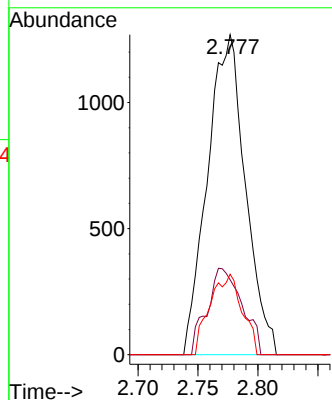
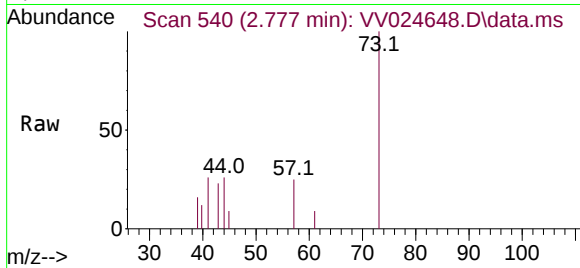




#17
Methyl tert-butyl Ether
Concen: 0.110 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.010 min
Lab File: VV024648.D
Acq: 14 Feb 2022 14:06

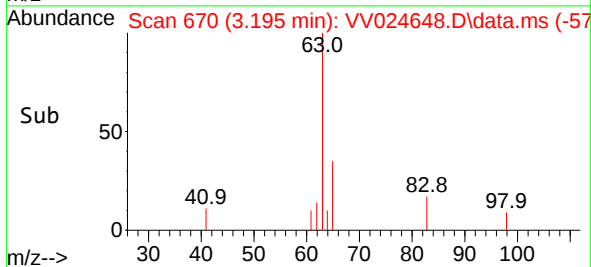
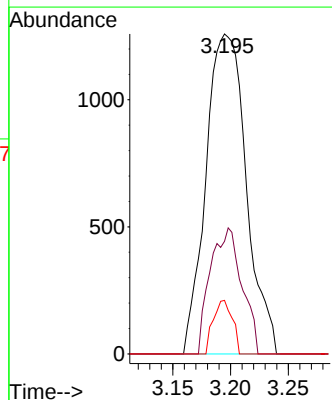
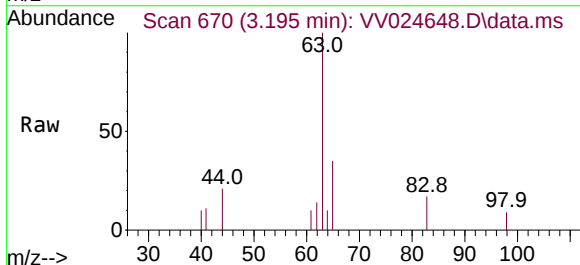
Instrument :
MSVOA_V
ClientSampleId :
BFXZ7DL

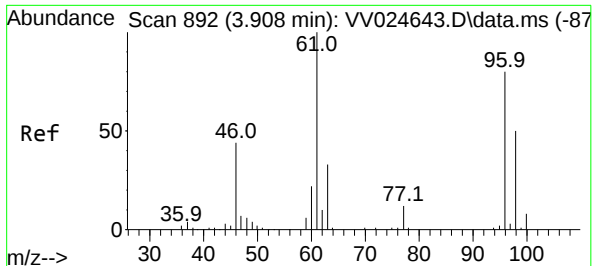
Tgt Ion: 73 Resp: 2788
Ion Ratio Lower Upper
73 100
43 25.0 15.5 23.3#
57 21.4 17.1 25.7



#19
1,1-Dichloroethane
Concen: 0.147 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV024648.D
Acq: 14 Feb 2022 14:06

Tgt Ion: 63 Resp: 3059
Ion Ratio Lower Upper
63 100
65 35.2 22.3 41.3
83 16.8 10.7 19.9





#22

cis-1,2-Dichloroethene

Concen: 0.499 ug/L

RT: 3.912 min Scan# 89

Delta R.T. 0.003 min

Lab File: VV024648.D

Acq: 14 Feb 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

BFXZ7DL

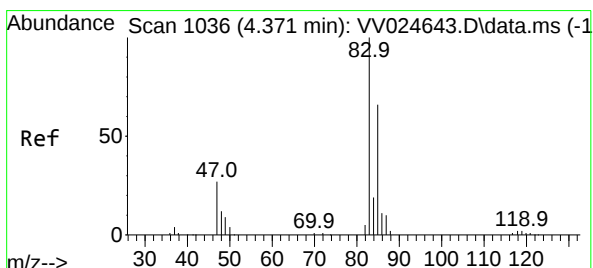
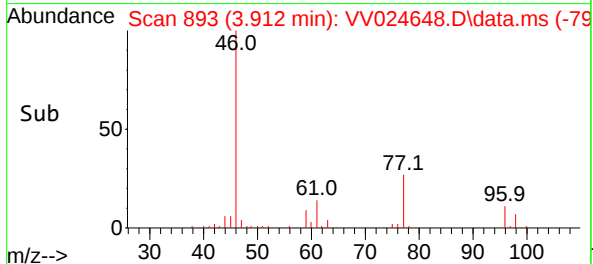
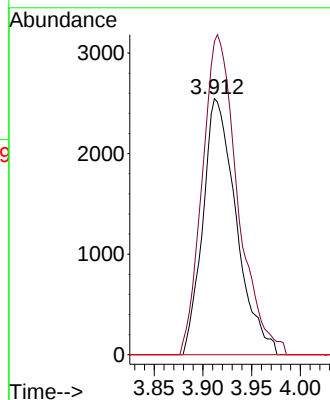
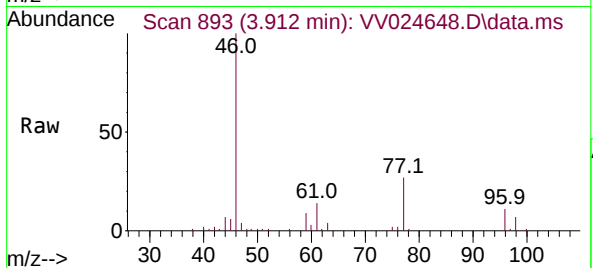
Tgt Ion: 96 Resp: 6070

Ion Ratio Lower Upper

96 100

61 122.4 83.4 154.8

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.168 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV024648.D

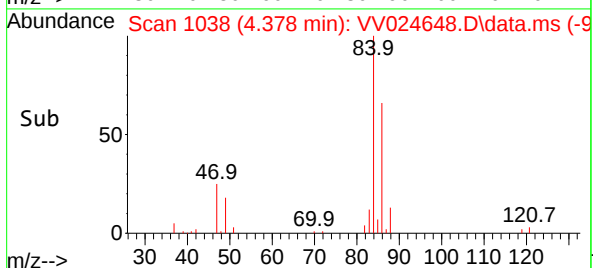
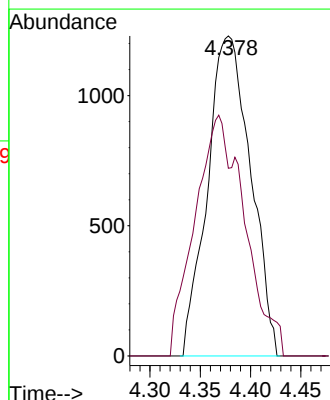
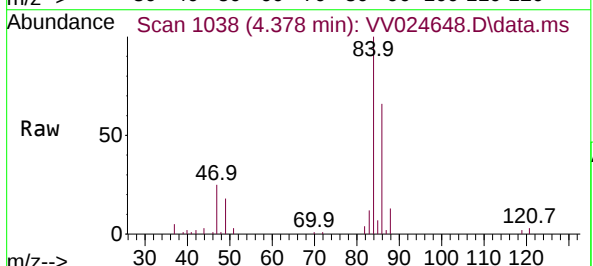
Acq: 14 Feb 2022 14:06

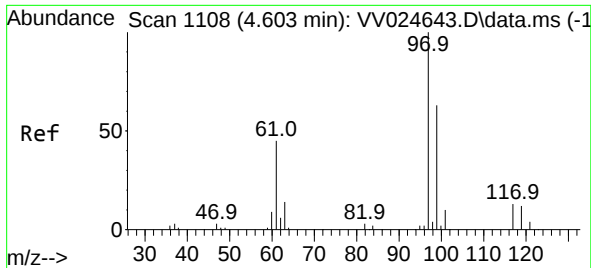
Tgt Ion: 83 Resp: 3671

Ion Ratio Lower Upper

83 100

85 58.7 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 0.047 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.010 min

Lab File: VV024648.D

Acq: 14 Feb 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

BFXZ7DL

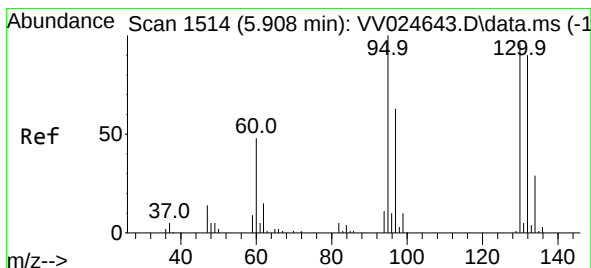
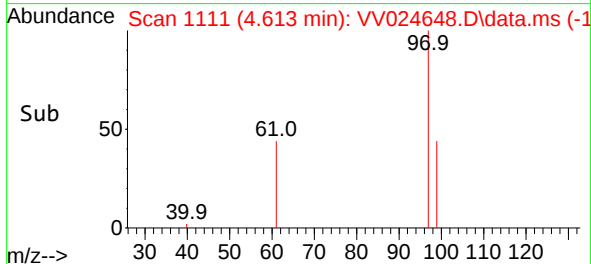
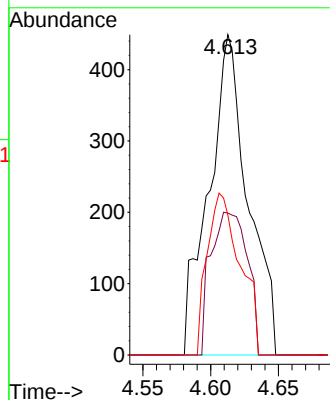
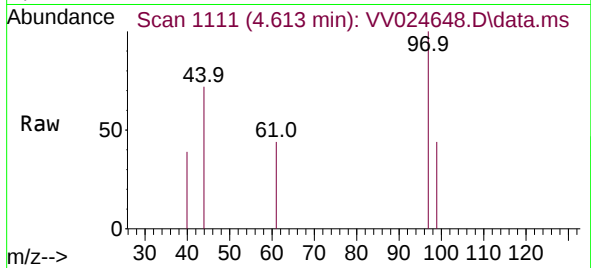
Tgt Ion: 97 Resp: 904

Ion Ratio Lower Upper

97 100

99 41.5 51.9 77.9#

61 42.5 33.2 49.8



#34

Trichloroethene

Concen: 5.922 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VV024648.D

Acq: 14 Feb 2022 14:06

Tgt Ion: 95 Resp: 75373

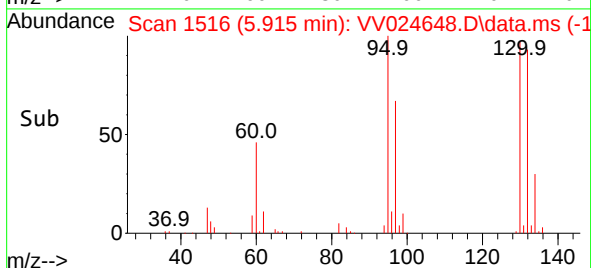
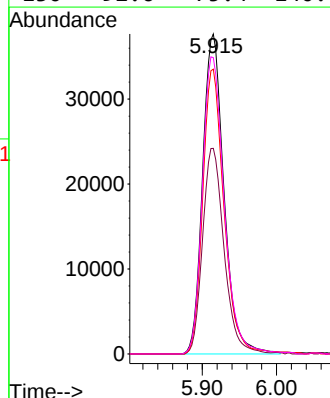
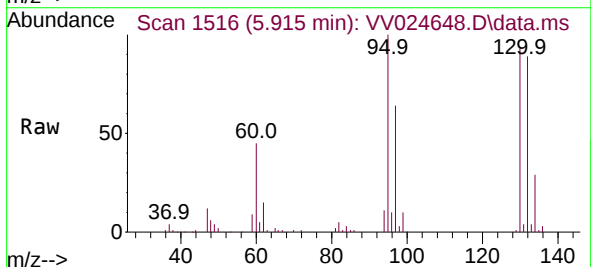
Ion Ratio Lower Upper

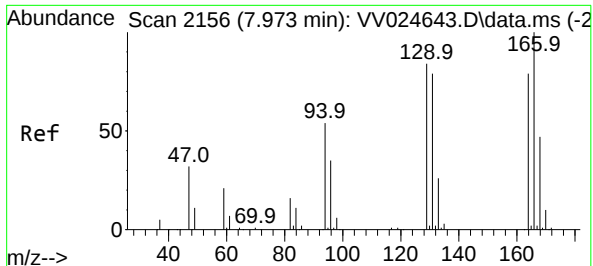
95 100

97 64.2 45.2 84.0

132 89.0 76.1 141.3

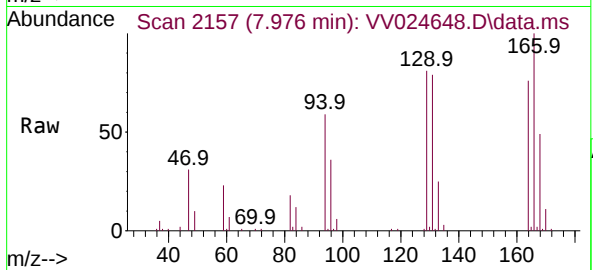
130 92.6 75.4 140.0





#47
 Tetrachloroethene
 Concen: 3.318 ug/L
 RT: 7.976 min Scan# 2156
 Delta R.T. 0.003 min
 Lab File: VV024648.D
 Acq: 14 Feb 2022 14:06

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXZ7DL



Tgt Ion:	164	Resp:	28016
Ion	Ratio	Lower	Upper
164	100		
129	106.7	62.6	116.2
131	103.0	61.0	113.4
166	131.0	87.3	162.1

