

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061022\
 Data File : VW026102.D
 Acq On : 10 Jun 2022 18:54
 Operator : SY/MD
 Sample : N3247-16
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 11 01:27:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 11 01:25:15 2022
 Response via : Initial Calibration

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

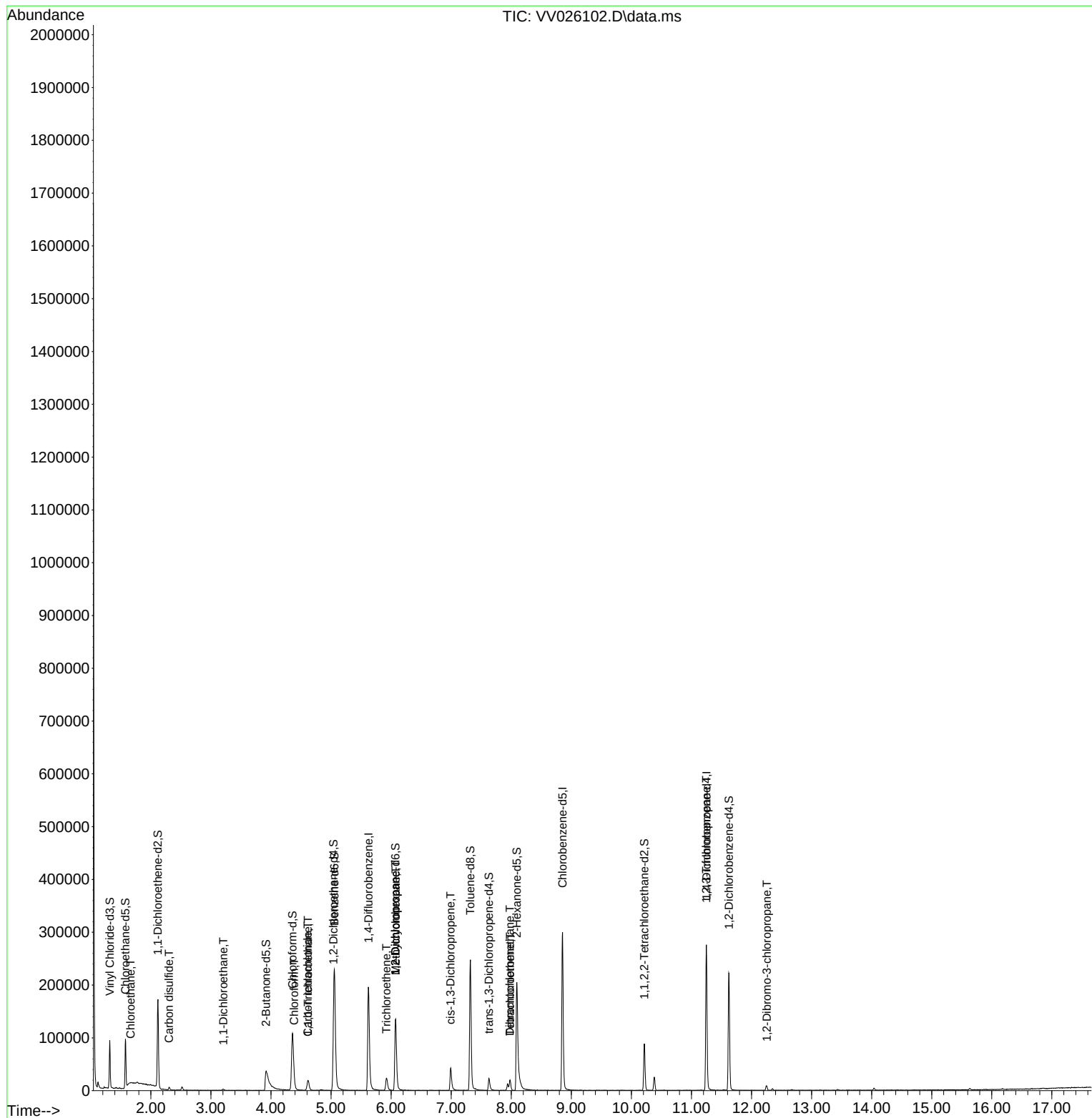
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	174288	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	170432	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72588	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	54920	5.368	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 107.400%		
7) Chloroethane-d5	1.577	69	59115	5.527	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.600%		
11) 1,1-Dichloroethene-d2	2.118	63	89585	3.791	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 75.800%		
20) 2-Butanone-d5	3.918	46	99110	65.497	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 131.000%#		
24) Chloroform-d	4.359	84	114722	5.291	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.800%		
26) 1,2-Dichloroethane-d4	5.040	65	49490	5.596	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.000%		
32) Benzene-d6	5.056	84	217535	5.282	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.600%		
36) 1,2-Dichloropropane-d6	6.072	67	69322	5.441	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.800%		
41) Toluene-d8	7.320	98	171936	4.724	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 94.400%		
43) trans-1,3-Dichloroprop...	7.629	79	15023	4.005	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 80.000%		
46) 2-Hexanone-d5	8.092	63	75278	45.602	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 91.200%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44511	5.181	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 103.600%		
66) 1,2-Dichlorobenzene-d4	11.625	152	58331	5.252	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 105.000%		
Target Compounds						Qvalue
8) Chloroethane	1.664	64	27123	2.199	ug/L #	52
14) Carbon disulfide	2.304	76	6225	0.156	ug/L	98
19) 1,1-Dichloroethane	3.208	63	2488	0.103	ug/L	95
25) Chloroform	4.384	83	2444	0.099	ug/L	98
29) 1,1,1-Trichloroethane	4.616	97	15122	0.676	ug/L	99
31) Carbon tetrachloride	4.613	117	1931	0.105	ug/L	94
34) Trichloroethene	5.921	95	8625	0.616	ug/L	92
35) Methylcyclohexane	6.076	83	16679	0.773	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	7088	0.546	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1049	0.066	ug/L #	47
47) Tetrachloroethene	7.982	164	4282	0.395	ug/L	96
49) Dibromochloromethane	7.979	129	4643	0.505	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	8193	1.446	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.255	75	380	0.377	ug/L #	1

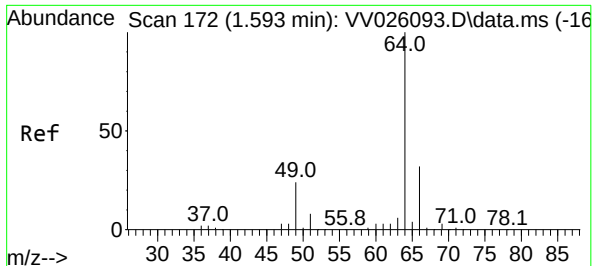
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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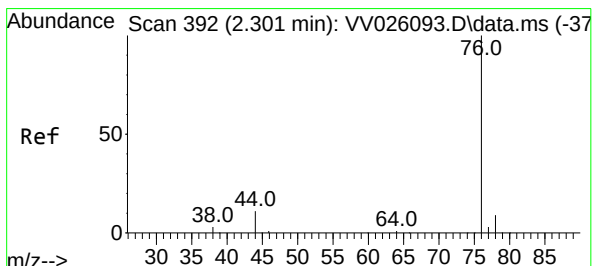
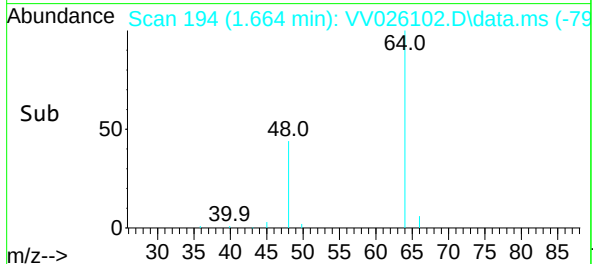
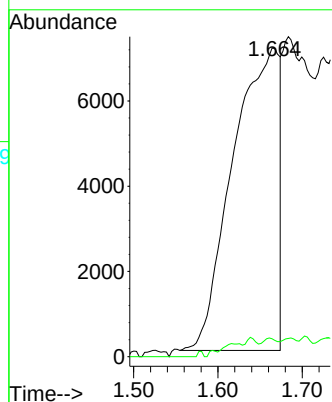
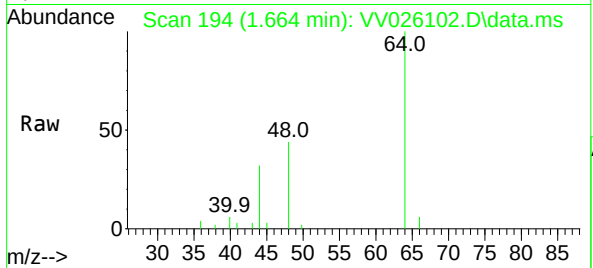




#8
Chloroethane
Concen: 2.199 ug/L
RT: 1.664 min Scan# 194
Delta R.T. 0.071 min
Lab File: VV026102.D
Acq: 10 Jun 2022 18:54

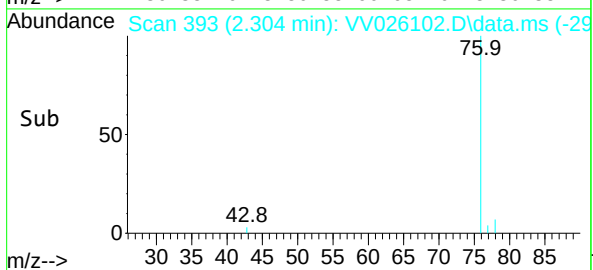
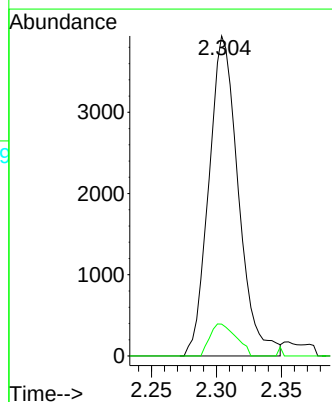
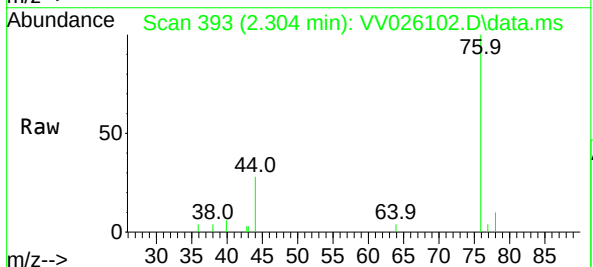
Instrument :
MSVOA_V
ClientSampleId :

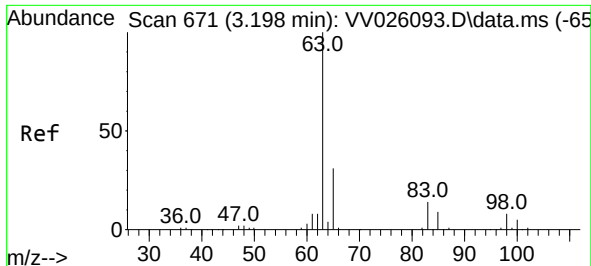
Tgt Ion: 64 Resp: 27123
Ion Ratio Lower Upper
64 100
66 5.8 23.0 42.8#



#14
Carbon disulfide
Concen: 0.156 ug/L
RT: 2.304 min Scan# 393
Delta R.T. 0.003 min
Lab File: VV026102.D
Acq: 10 Jun 2022 18:54

Tgt Ion: 76 Resp: 6225
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0





#19

1,1-Dichloroethane

Concen: 0.103 ug/L

RT: 3.208 min Scan# 61

Delta R.T. 0.010 min

Lab File: VV026102.D

Acq: 10 Jun 2022 18:54

Instrument :

MSVOA_V

ClientSampleId :

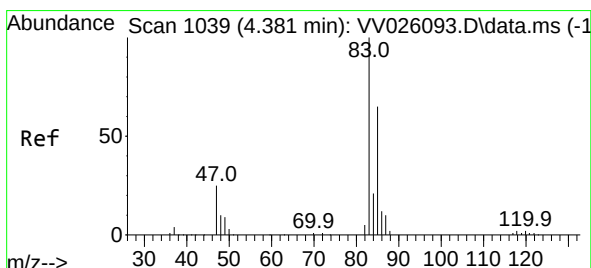
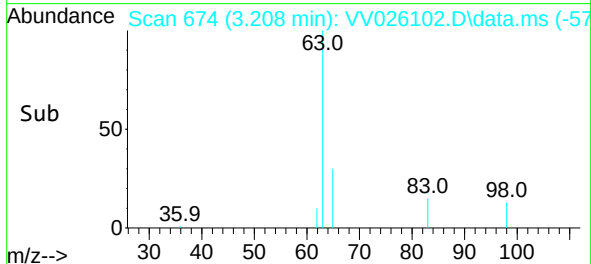
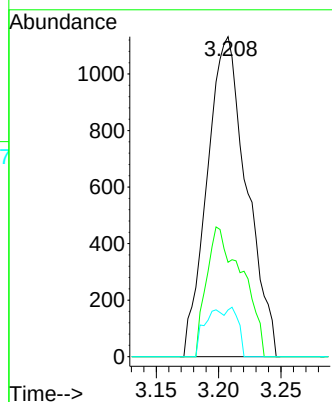
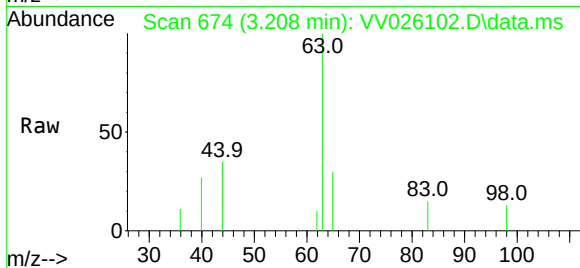
Tgt Ion: 63 Resp: 2488

Ion Ratio Lower Upper

63 100

65 29.5 23.1 42.9

83 14.6 9.7 18.1



#25

Chloroform

Concen: 0.099 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. 0.003 min

Lab File: VV026102.D

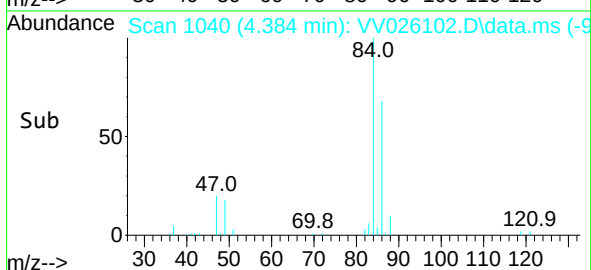
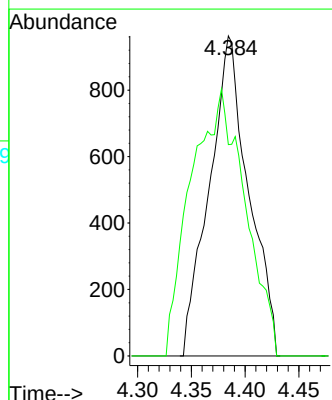
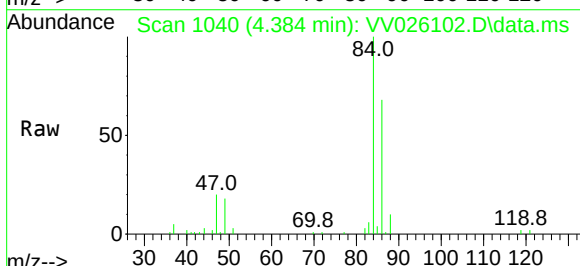
Acq: 10 Jun 2022 18:54

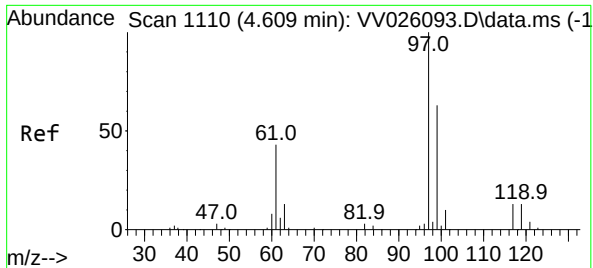
Tgt Ion: 83 Resp: 2444

Ion Ratio Lower Upper

83 100

85 66.0 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 0.676 ug/L

RT: 4.616 min Scan# 1112

Delta R.T. 0.007 min

Lab File: VV026102.D

Acq: 10 Jun 2022 18:54

Instrument :

MSVOA_V

ClientSampleId :

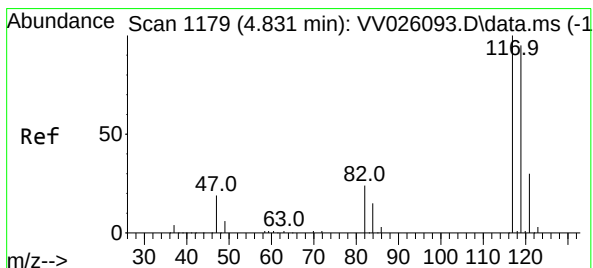
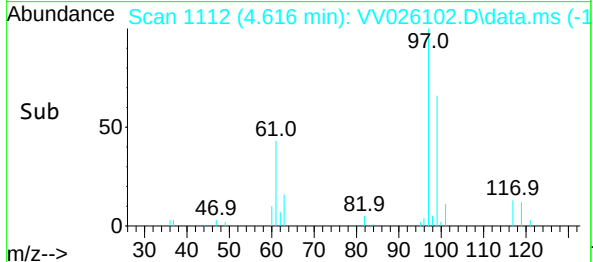
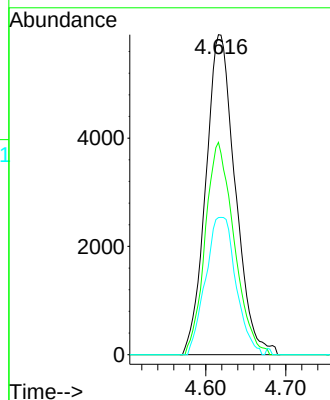
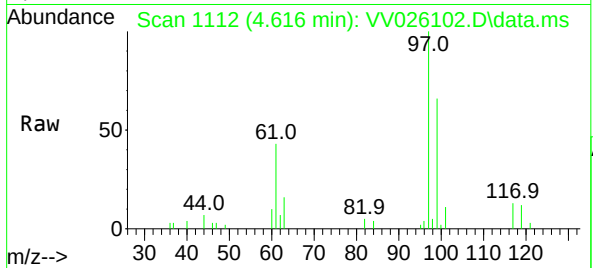
Tgt Ion: 97 Resp: 15122

Ion Ratio Lower Upper

97 100

99 65.2 51.4 77.0

61 44.1 34.9 52.3



#31

Carbon tetrachloride

Concen: 0.105 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. -0.219 min

Lab File: VV026102.D

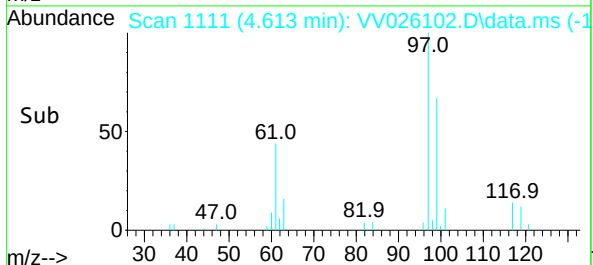
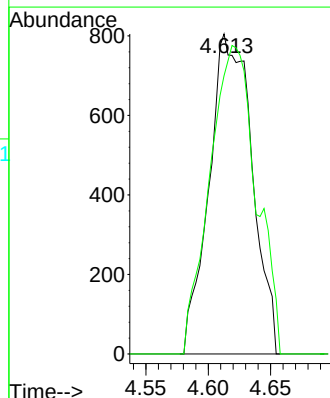
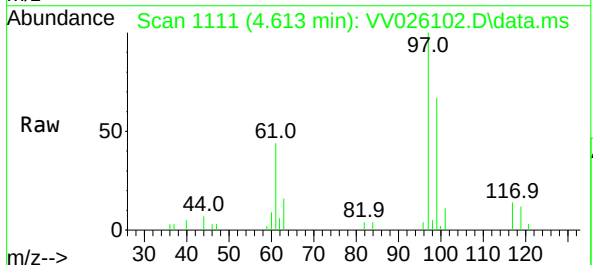
Acq: 10 Jun 2022 18:54

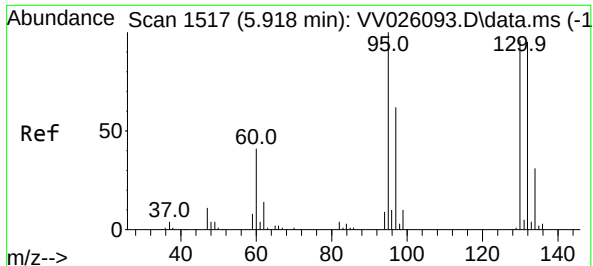
Tgt Ion: 117 Resp: 1931

Ion Ratio Lower Upper

117 100

119 104.0 78.7 118.1

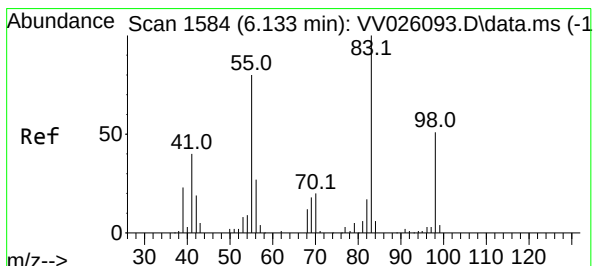
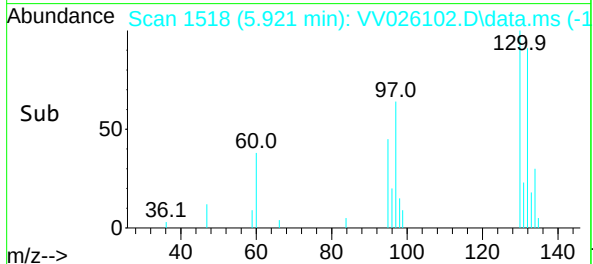
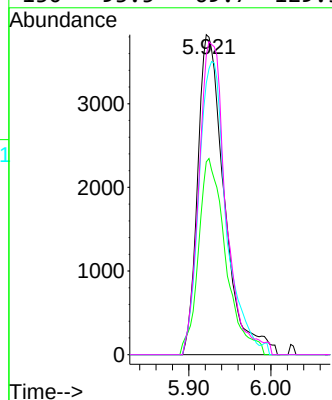
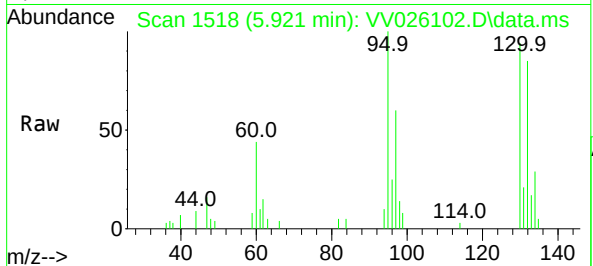




#34
Trichloroethene
Concen: 0.616 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026102.D
Acq: 10 Jun 2022 18:54

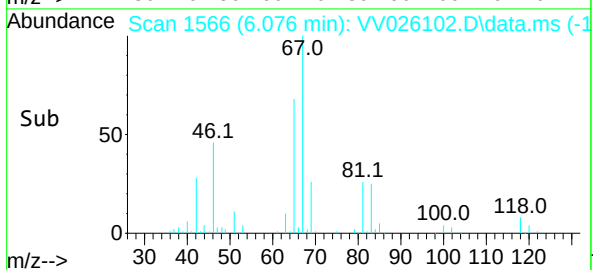
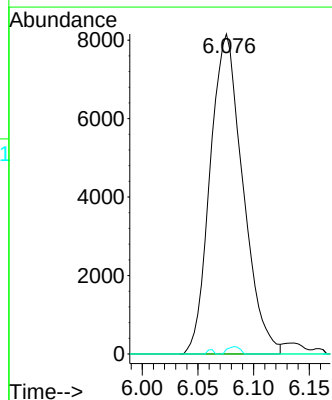
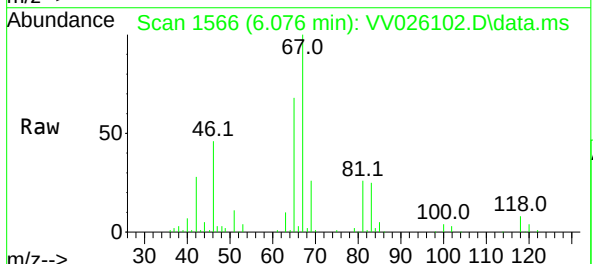
Instrument :
MSVOA_V
ClientSampleId :

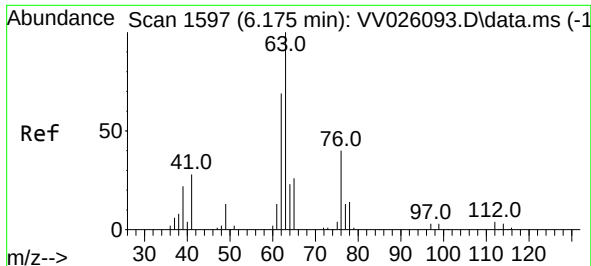
Tgt Ion: 95 Resp: 8625
Ion Ratio Lower Upper
95 100
97 60.3 44.0 81.6
132 84.8 67.5 125.4
130 93.5 69.7 129.5



#35
Methylcyclohexane
Concen: 0.773 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026102.D
Acq: 10 Jun 2022 18:54

Tgt Ion: 83 Resp: 16679
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.9 38.9 58.3#





#37

1,2-Dichloropropane

Concen: 0.546 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026102.D

Acq: 10 Jun 2022 18:54

Instrument :

MSVOA_V

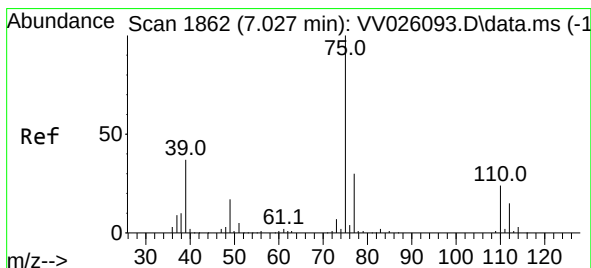
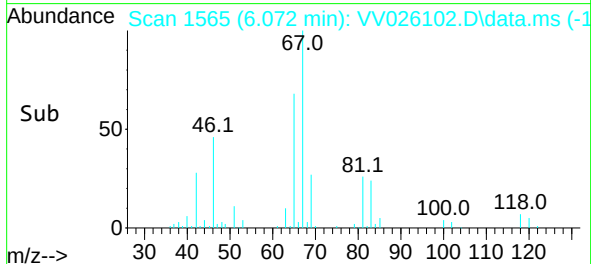
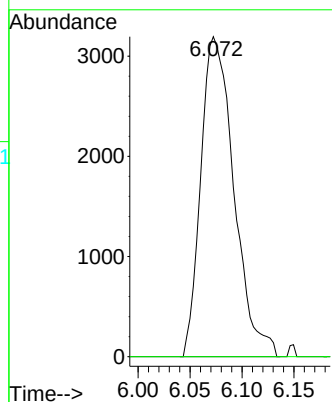
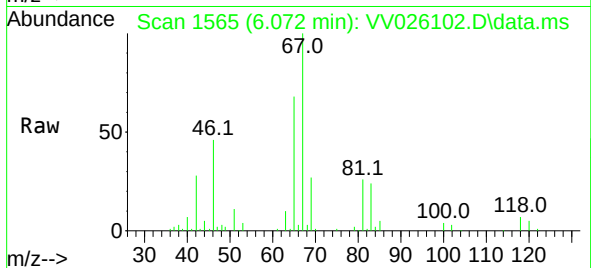
ClientSampleId :

Tgt Ion: 63 Resp: 7088

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV026102.D

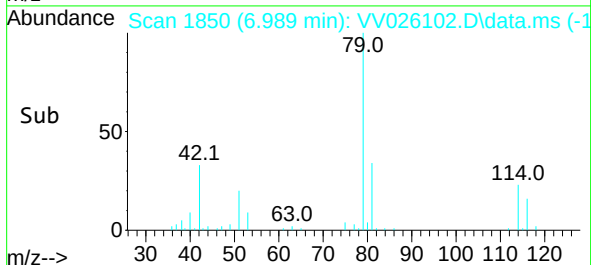
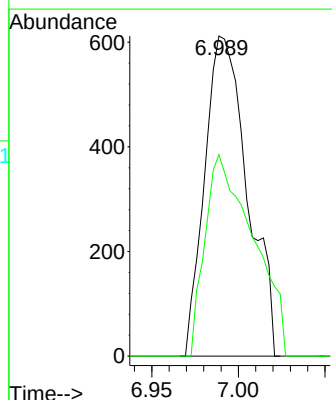
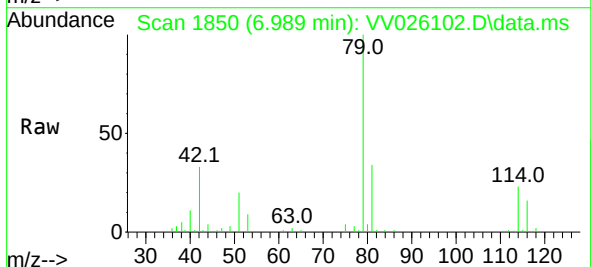
Acq: 10 Jun 2022 18:54

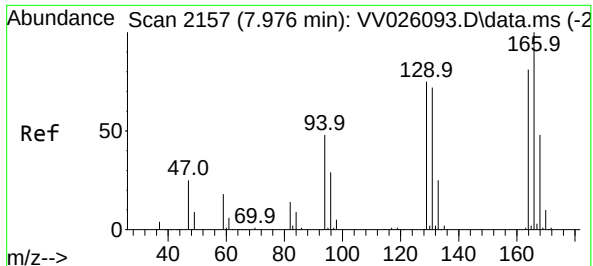
Tgt Ion: 75 Resp: 1049

Ion Ratio Lower Upper

75 100

77 62.9 23.2 43.0#





#47

Tetrachloroethene

Concen: 0.395 ug/L

RT: 7.982 min Scan# 2157

Delta R.T. 0.006 min

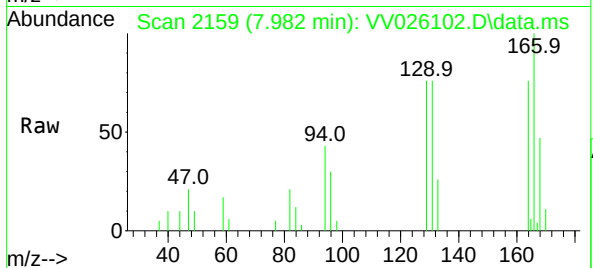
Lab File: VV026102.D

Acq: 10 Jun 2022 18:54

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MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 4282

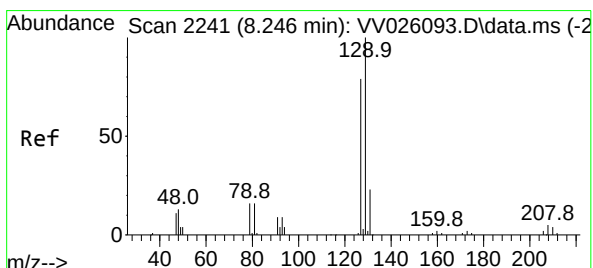
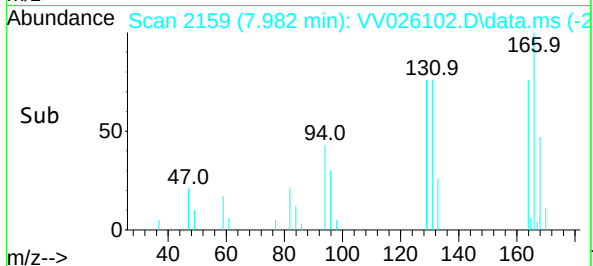
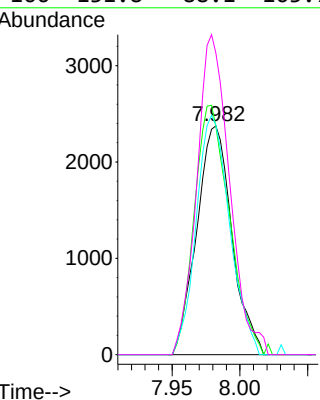
Ion Ratio Lower Upper

164 100

129 99.7 68.3 126.9

131 100.4 66.5 123.5

166 131.8 88.1 163.7



#49

Dibromochloromethane

Concen: 0.505 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026102.D

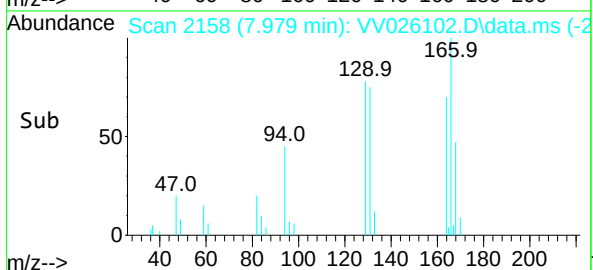
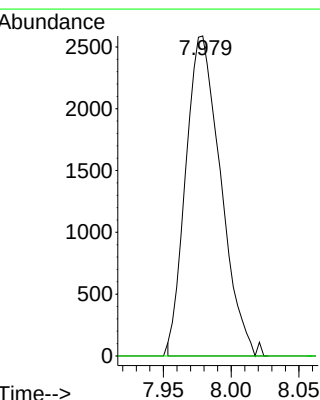
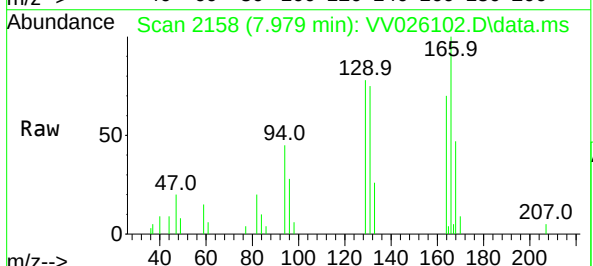
Acq: 10 Jun 2022 18:54

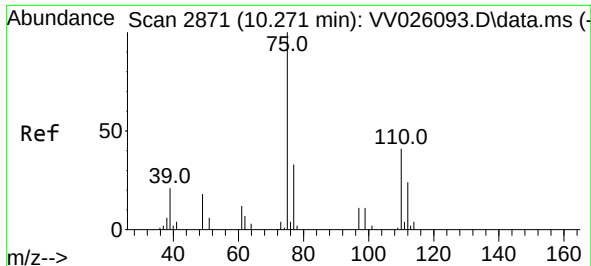
Tgt Ion:129 Resp: 4643

Ion Ratio Lower Upper

129 100

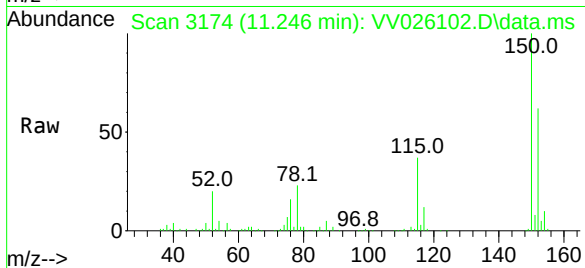
127 0.0 55.9 103.7#



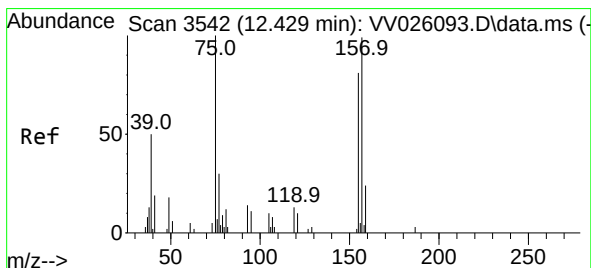
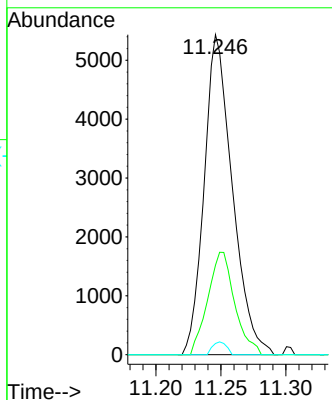
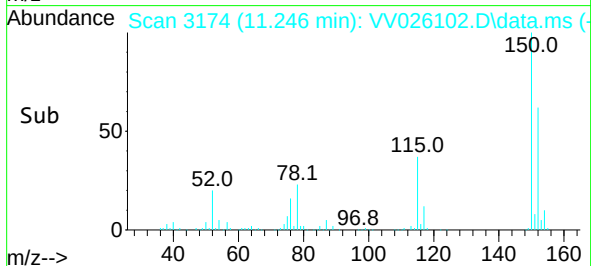


#61
1,2,3-Trichloropropane
Concen: 1.446 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026102.D
Acq: 10 Jun 2022 18:54

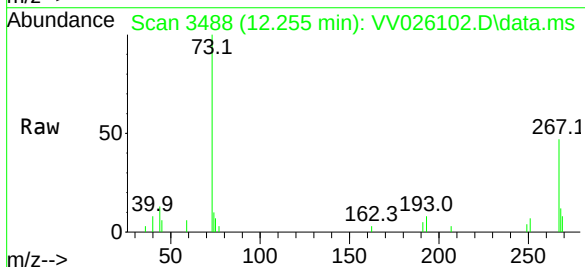
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 8193
Ion Ratio Lower Upper
75 100
77 30.6 26.6 40.0
110 2.0 32.0 48.0#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.377 ug/L
RT: 12.255 min Scan# 3488
Delta R.T. -0.174 min
Lab File: VV026102.D
Acq: 10 Jun 2022 18:54



Tgt Ion: 75 Resp: 380
Ion Ratio Lower Upper
75 100
155 0.0 68.0 102.0#
157 0.0 89.7 134.5#

