

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061022\
 Data File : VW026104.D
 Acq On : 10 Jun 2022 19:41
 Operator : SY/MD
 Sample : N3247-18
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 11 01:28:16 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	166316	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	163005	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67651	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	54445	5.577	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	111.600%	
7) Chloroethane-d5	1.577	69	61005	5.977	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	119.600%	
11) 1,1-Dichloroethene-d2	2.117	63	89716	3.978	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.600%	
20) 2-Butanone-d5	3.918	46	82813	57.351	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.700%	
24) Chloroform-d	4.358	84	114036	5.511	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.200%	
26) 1,2-Dichloroethane-d4	5.043	65	50531	5.987	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	119.800%	
32) Benzene-d6	5.056	84	217620	5.525	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.400%	
36) 1,2-Dichloropropane-d6	6.075	67	70213	5.762	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	115.200%	
41) Toluene-d8	7.320	98	168225	4.833	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.600%	
43) trans-1,3-Dichloroprop...	7.628	79	15331	4.273	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.400%	
46) 2-Hexanone-d5	8.091	63	73606	46.621	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.240%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43727	5.322	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	56191	5.429	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	713	0.039	ug/L #	80
12) 1,1-Dichloroethene	2.130	96	2443	0.183	ug/L #	1
17) Methyl tert-butyl Ether	2.786	73	4476	0.206	ug/L #	92
18) trans-1,2-Dichloroethene	2.777	96	1443	0.114	ug/L	89
19) 1,1-Dichloroethane	3.207	63	5814	0.253	ug/L	97
22) cis-1,2-Dichloroethene	3.931	96	17238	1.386	ug/L	97
25) Chloroform	4.391	83	13345	0.566	ug/L	93
29) 1,1,1-Trichloroethane	4.619	97	13402	0.627	ug/L	97
31) Carbon tetrachloride	4.612	117	1808	0.103	ug/L	100
34) Trichloroethene	5.921	95	19256	1.439	ug/L	95
35) Methylcyclohexane	6.072	83	16511	0.800	ug/L #	20
37) 1,2-Dichloropropane	6.079	63	7069	0.569	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1133	0.074	ug/L #	66
47) Tetrachloroethene	7.979	164	11468	1.107	ug/L	97
49) Dibromochloromethane	7.979	129	11081	1.259	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	7873	1.491	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.242	75	117	0.125	ug/L #	1

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QLast Update : Sat Jun 11 01:25:15 2022
Response via : Initial Calibration

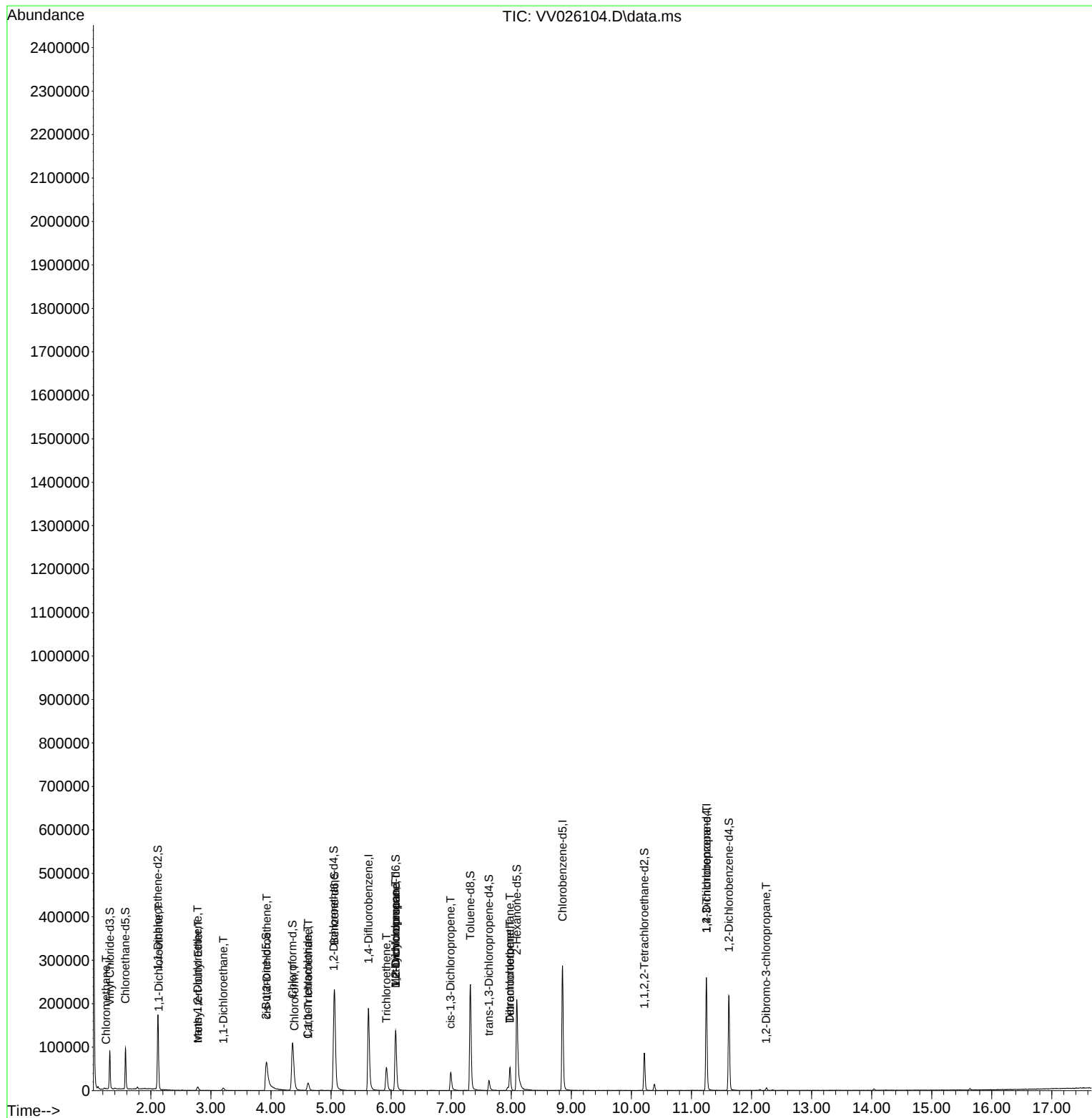
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

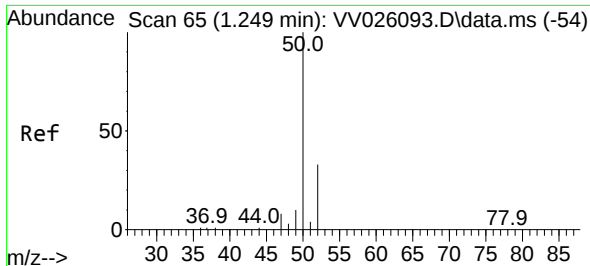
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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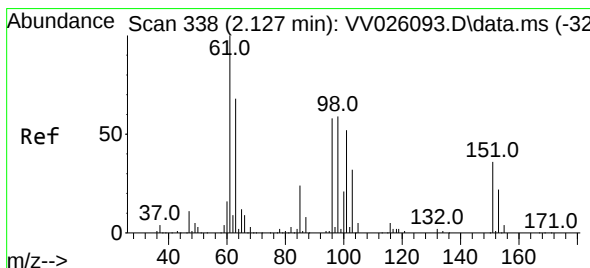
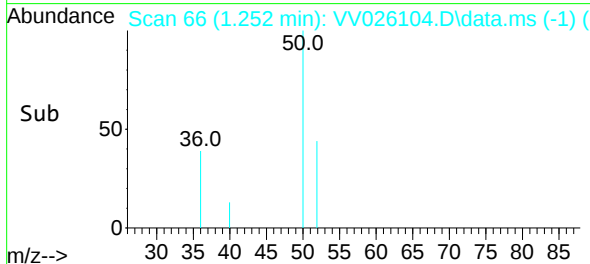
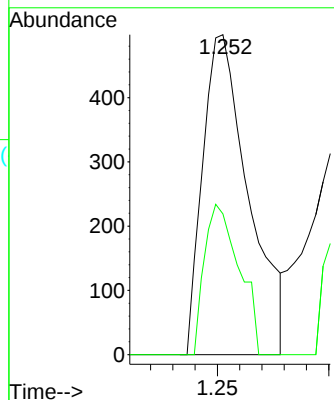
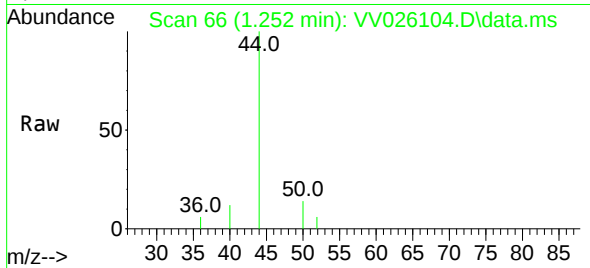




#3
Chloromethane
Concen: 0.039 ug/L
RT: 1.252 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026104.D
Acq: 10 Jun 2022 19:41

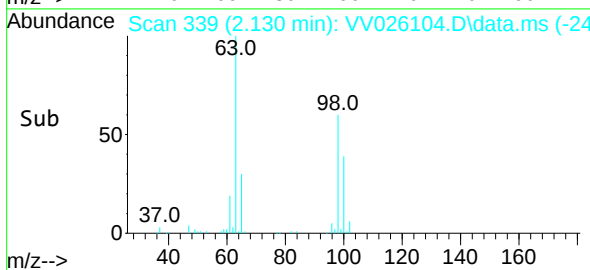
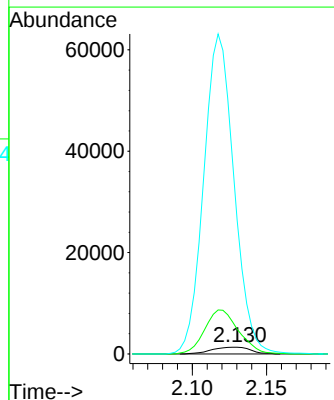
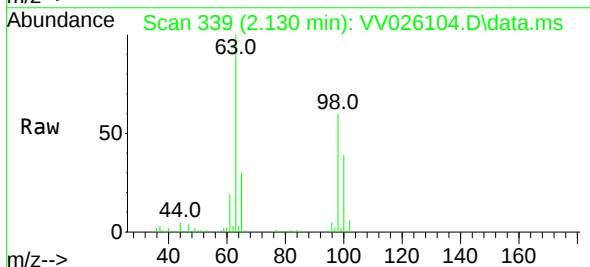
Instrument :
MSVOA_V
ClientSampleId :

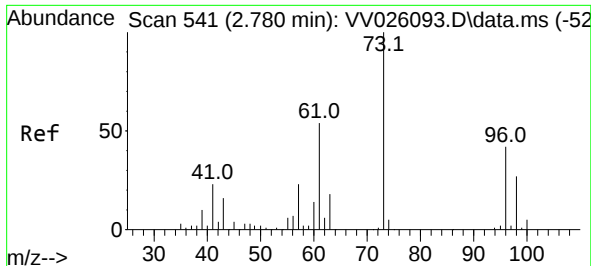
Tgt Ion: 50 Resp: 713
Ion Ratio Lower Upper
50 100
52 44.0 23.0 42.6#



#12
1,1-Dichloroethene
Concen: 0.183 ug/L
RT: 2.130 min Scan# 339
Delta R.T. 0.003 min
Lab File: VV026104.D
Acq: 10 Jun 2022 19:41

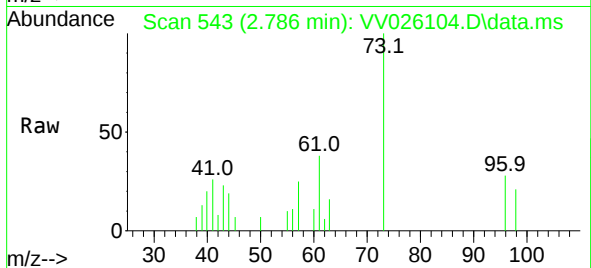
Tgt Ion: 96 Resp: 2443
Ion Ratio Lower Upper
96 100
61 366.0 122.6 227.6#
63 1965.7 78.5 145.9#



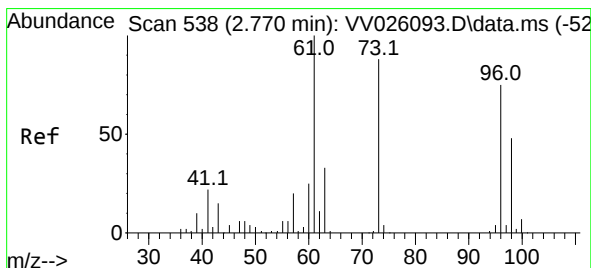
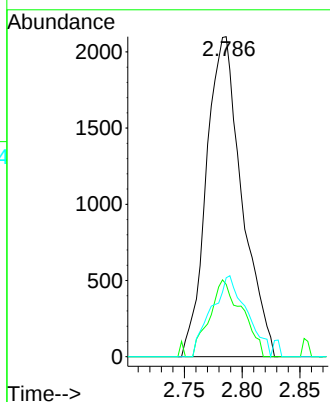
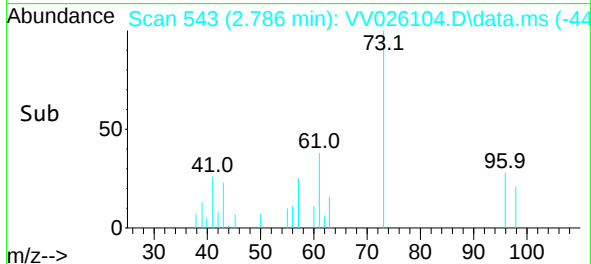


#17
Methyl tert-butyl Ether
Concen: 0.206 ug/L
RT: 2.786 min Scan# 541
Delta R.T. 0.006 min
Lab File: VV026104.D
Acq: 10 Jun 2022 19:41

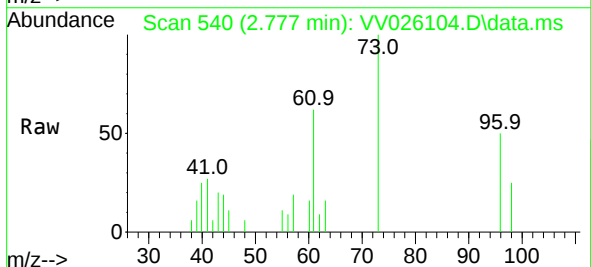
Instrument :
MSVOA_V
ClientSampleId :



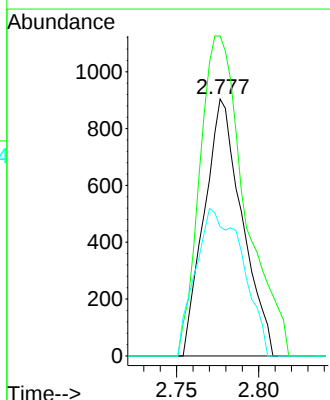
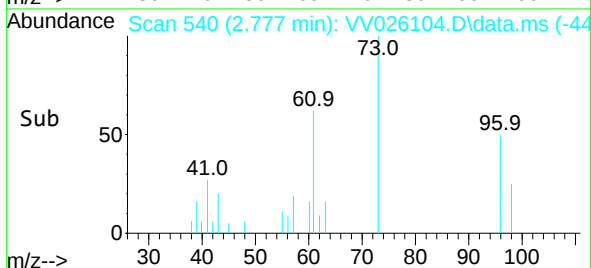
Tgt Ion: 73 Resp: 4476
Ion Ratio Lower Upper
73 100
43 22.0 13.7 20.5#
57 25.2 17.8 26.6

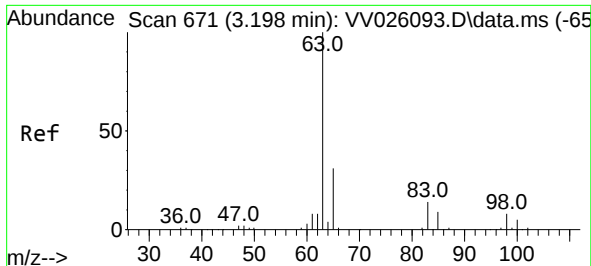


#18
trans-1,2-Dichloroethene
Concen: 0.114 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.006 min
Lab File: VV026104.D
Acq: 10 Jun 2022 19:41



Tgt Ion: 96 Resp: 1443
Ion Ratio Lower Upper
96 100
61 124.6 94.3 175.1
98 50.2 44.4 82.5





#19

1,1-Dichloroethane

Concen: 0.253 ug/L

RT: 3.207 min Scan# 6

Delta R.T. 0.010 min

Lab File: VV026104.D

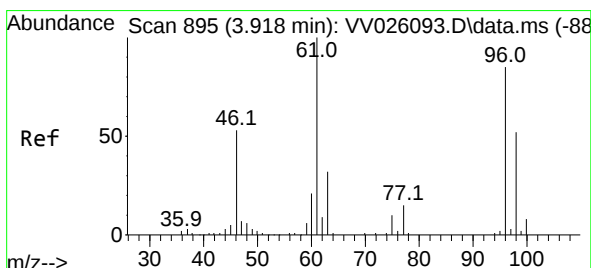
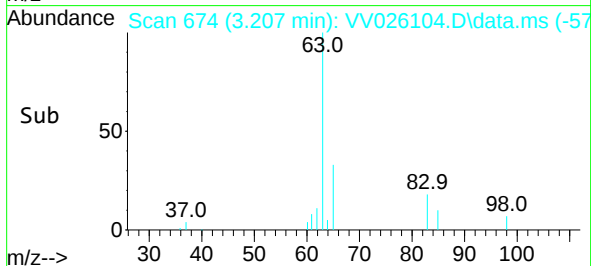
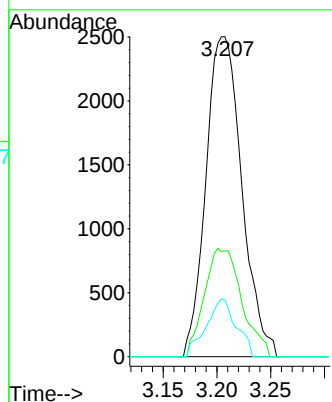
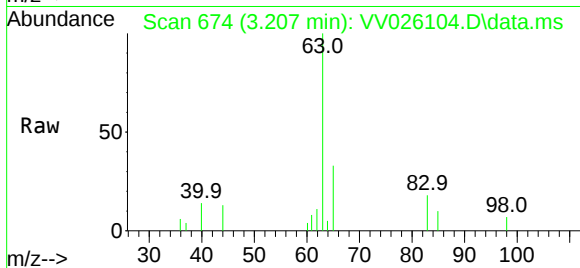
Acq: 10 Jun 2022 19:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 5814
Ion Ratio	Lower Upper
63 100	
65 33.1	23.1 42.9
83 17.7	9.7 18.1



#22

cis-1,2-Dichloroethene

Concen: 1.386 ug/L

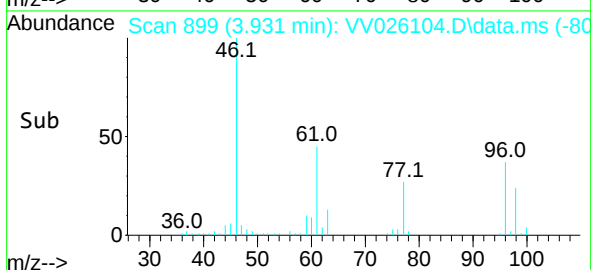
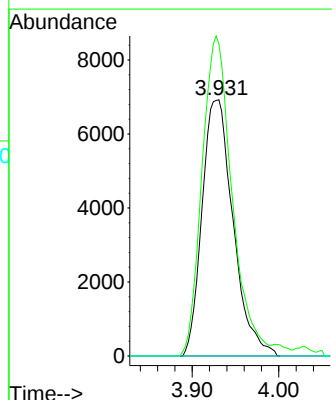
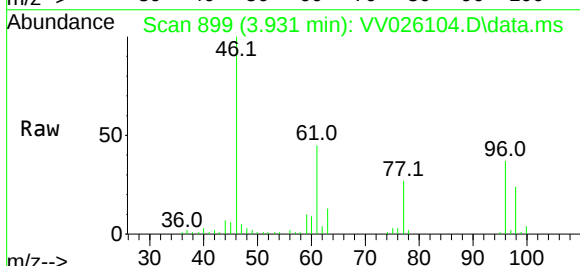
RT: 3.931 min Scan# 899

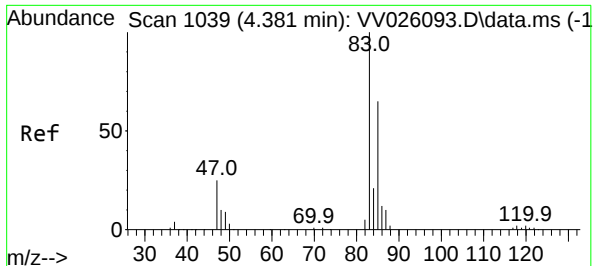
Delta R.T. 0.013 min

Lab File: VV026104.D

Acq: 10 Jun 2022 19:41

Tgt Ion: 96	Resp: 17238
Ion Ratio	Lower Upper
96 100	
61 121.9	83.1 154.3
68 0.0	0.0 0.0





#25

Chloroform

Concen: 0.566 ug/L

RT: 4.391 min Scan# 110

Delta R.T. 0.010 min

Lab File: VV026104.D

Acq: 10 Jun 2022 19:41

Instrument :

MSVOA_V

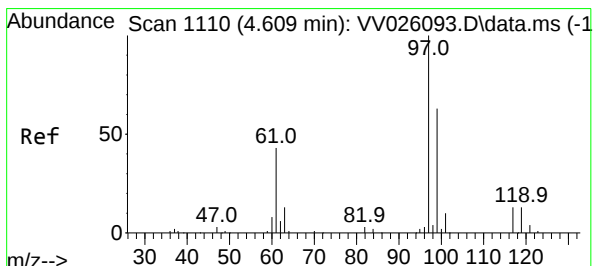
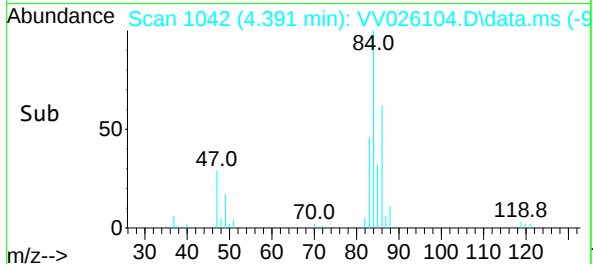
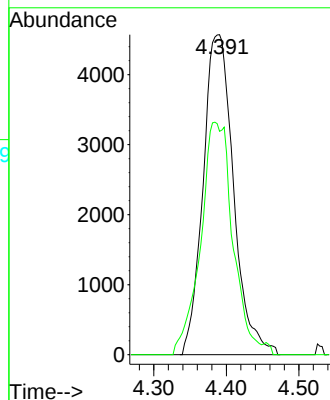
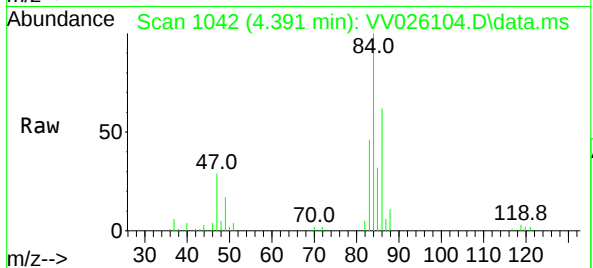
ClientSampleId :

Tgt Ion: 83 Resp: 13345

Ion Ratio Lower Upper

83 100

85 69.8 45.2 84.0



#29

1,1,1-Trichloroethane

Concen: 0.627 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. 0.010 min

Lab File: VV026104.D

Acq: 10 Jun 2022 19:41

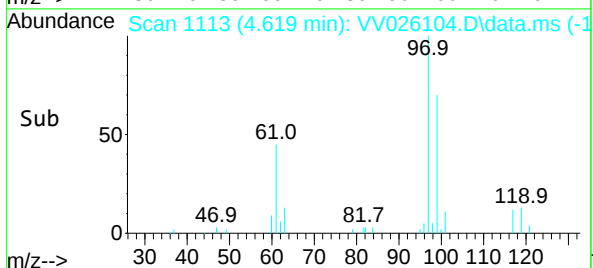
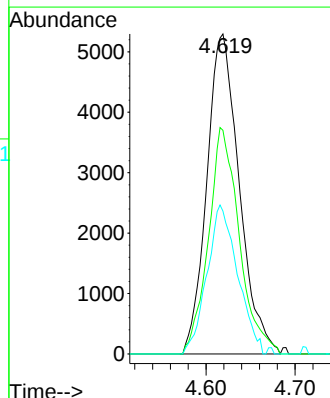
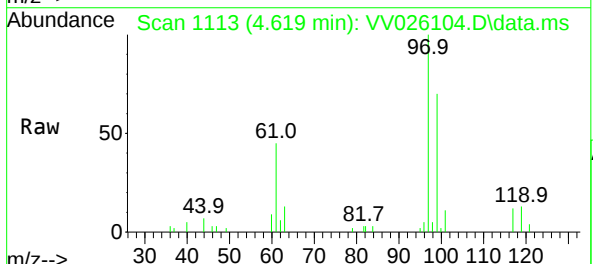
Tgt Ion: 97 Resp: 13402

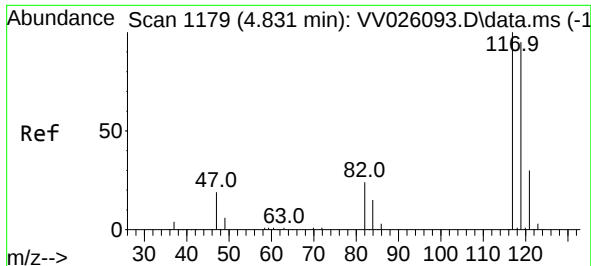
Ion Ratio Lower Upper

97 100

99 67.2 51.4 77.0

61 44.0 34.9 52.3

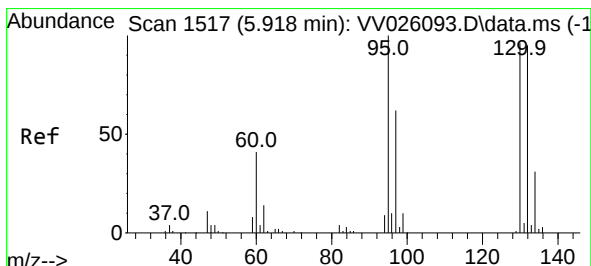
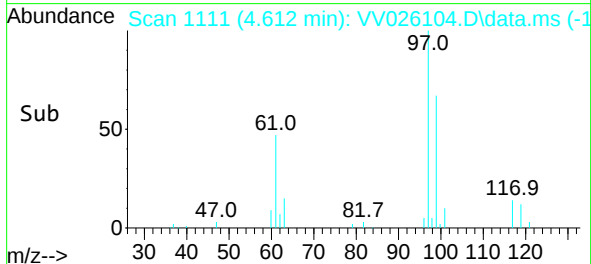
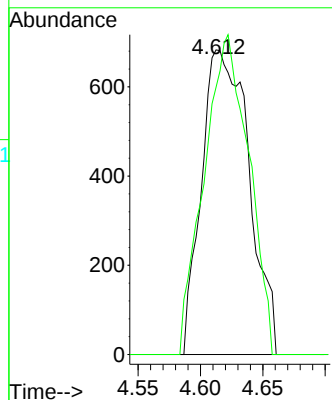
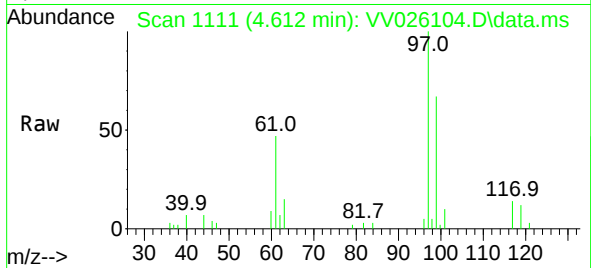




#31
Carbon tetrachloride
Concen: 0.103 ug/L
RT: 4.612 min Scan# 1179
Delta R.T. -0.219 min
Lab File: VV026104.D
Acq: 10 Jun 2022 19:41

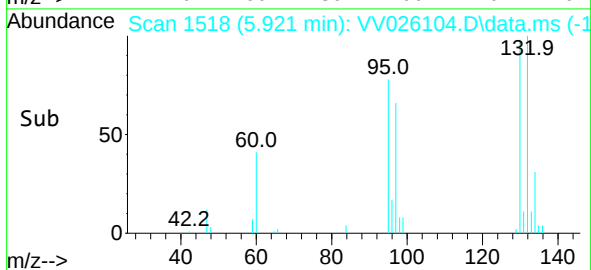
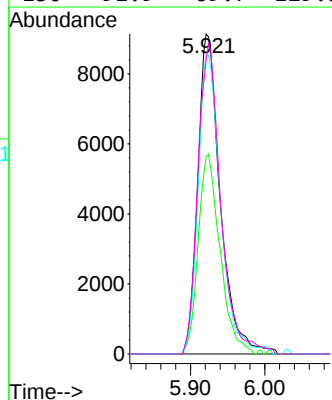
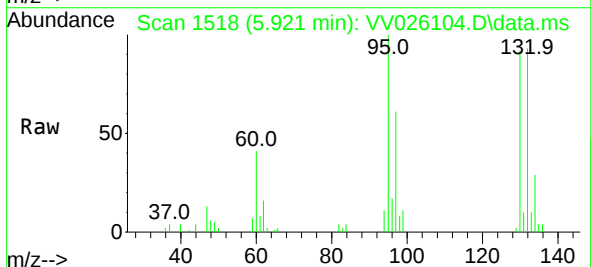
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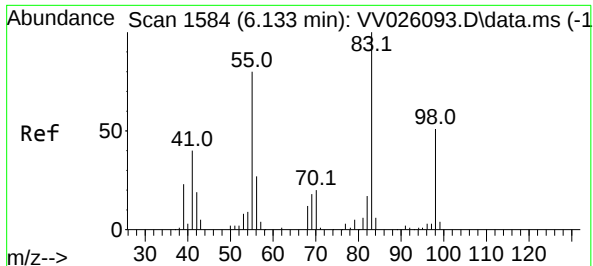
Tgt Ion:117 Resp: 1808
Ion Ratio Lower Upper
117 100
119 98.6 78.7 118.1



#34
Trichloroethene
Concen: 1.439 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV026104.D
Acq: 10 Jun 2022 19:41

Tgt Ion: 95 Resp: 19256
Ion Ratio Lower Upper
95 100
97 61.5 44.0 81.6
132 93.5 67.5 125.4
130 91.9 69.7 129.5





#35

Methylcyclohexane

Concen: 0.800 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV026104.D

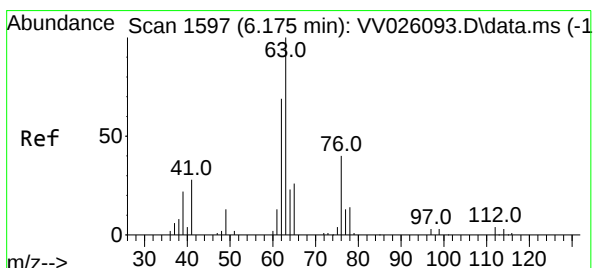
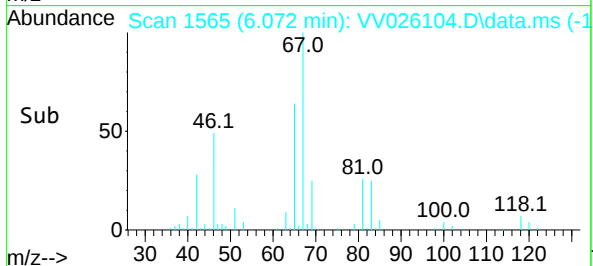
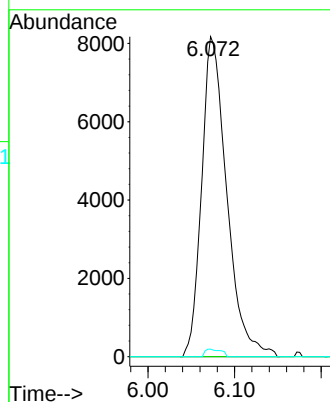
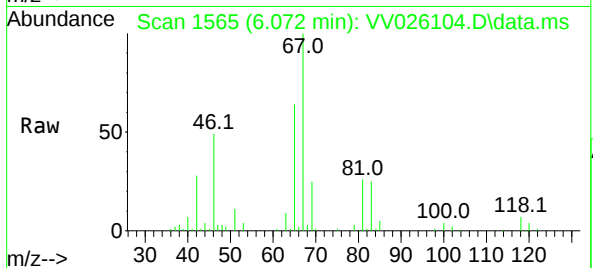
Acq: 10 Jun 2022 19:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 16511
Ion Ratio	Lower Upper
83 100	
55 0.0	59.4 89.0#
98 1.5	38.9 58.3#



#37

1,2-Dichloropropane

Concen: 0.569 ug/L

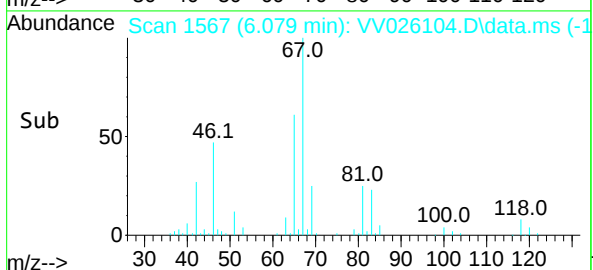
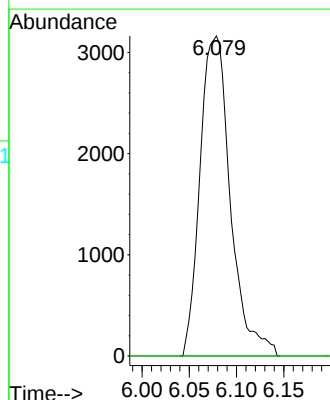
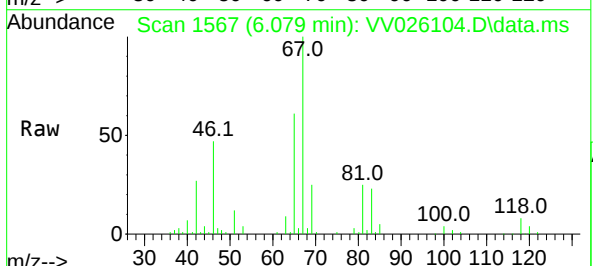
RT: 6.079 min Scan# 1567

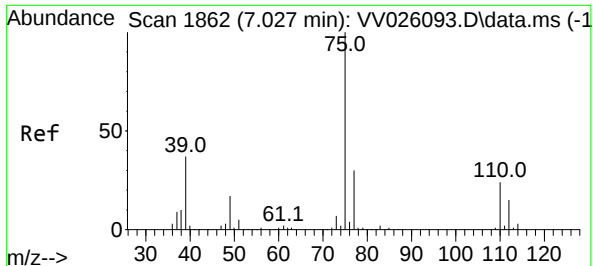
Delta R.T. -0.097 min

Lab File: VV026104.D

Acq: 10 Jun 2022 19:41

Tgt Ion: 63	Resp: 7069
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026104.D

Acq: 10 Jun 2022 19:41

Instrument :

MSVOA_V

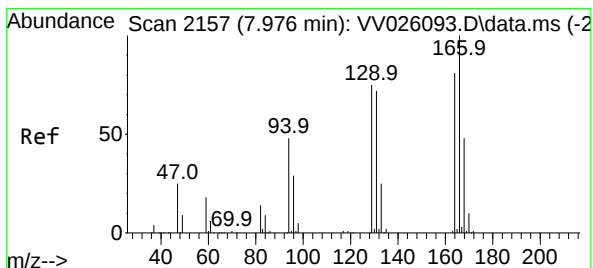
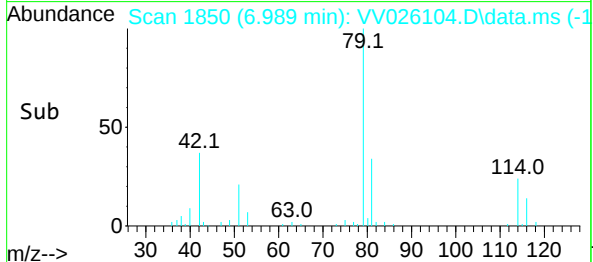
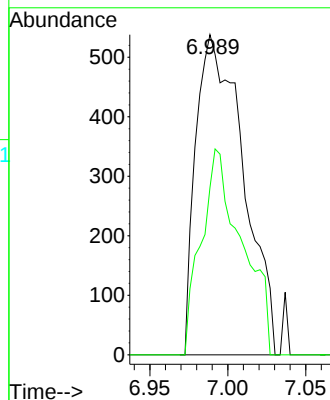
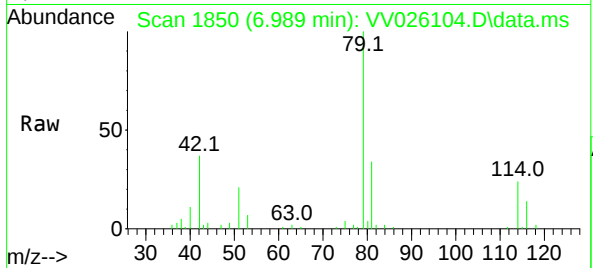
ClientSampleId :

Tgt Ion: 75 Resp: 1133

Ion Ratio Lower Upper

75 100

77 52.2 23.2 43.0#



#47

Tetrachloroethene

Concen: 1.107 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV026104.D

Acq: 10 Jun 2022 19:41

Tgt Ion: 164 Resp: 11468

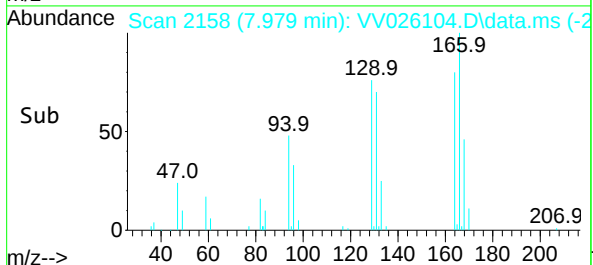
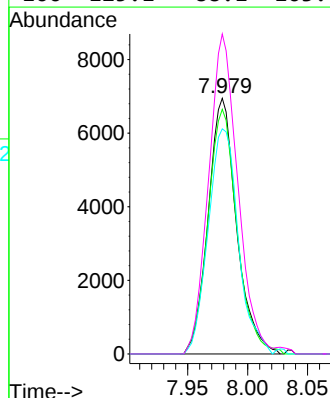
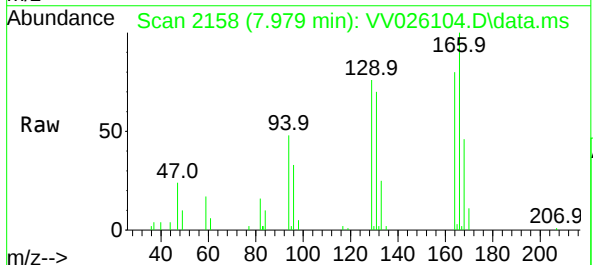
Ion Ratio Lower Upper

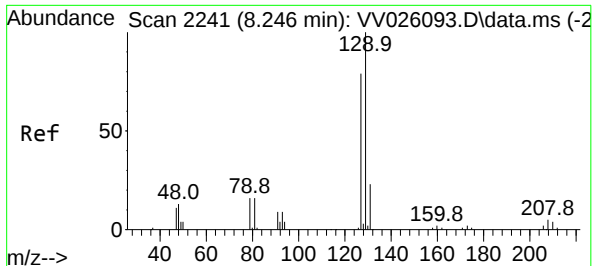
164 100

129 95.7 68.3 126.9

131 88.0 66.5 123.5

166 125.1 88.1 163.7





#49

Dibromochloromethane

Concen: 1.259 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026104.D

Acq: 10 Jun 2022 19:41

Instrument :

MSVOA_V

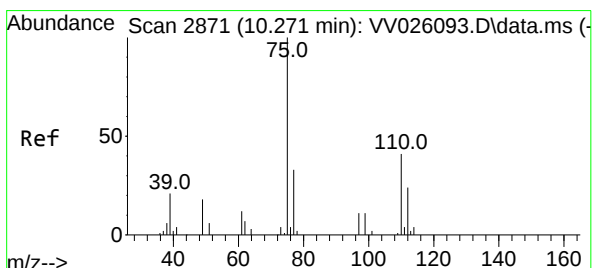
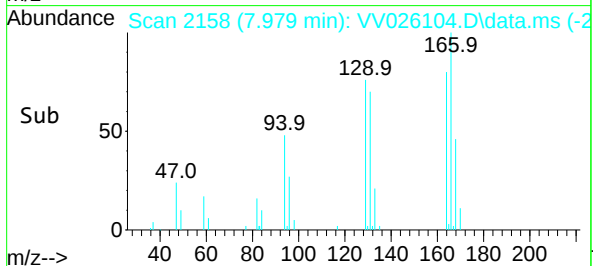
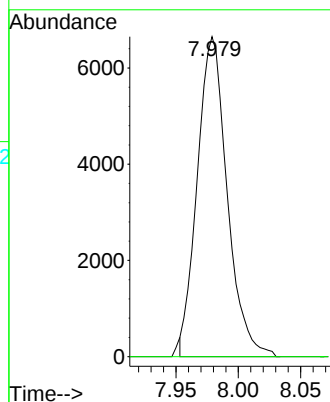
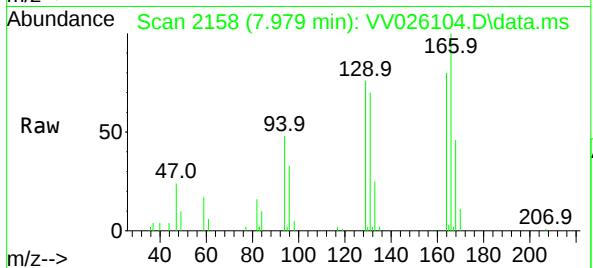
ClientSampleId :

Tgt Ion:129 Resp: 11081

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.491 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV026104.D

Acq: 10 Jun 2022 19:41

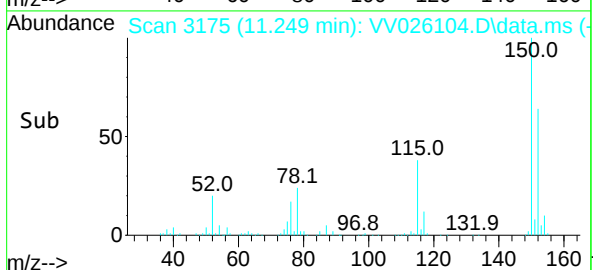
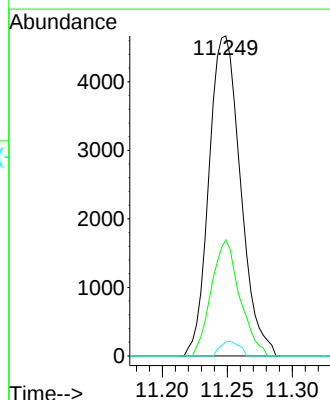
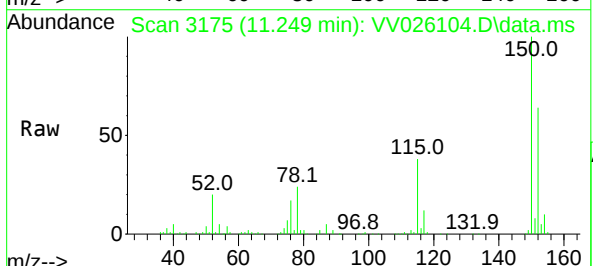
Tgt Ion: 75 Resp: 7873

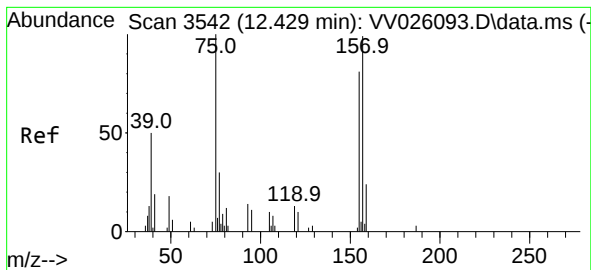
Ion Ratio Lower Upper

75 100

77 32.8 26.6 40.0

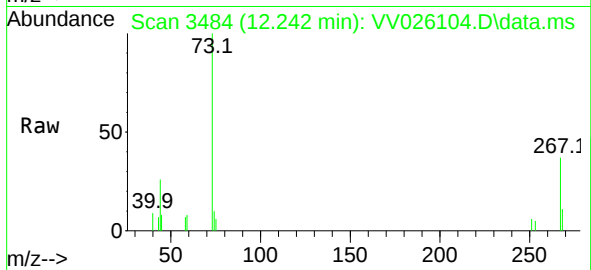
110 2.8 32.0 48.0#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.125 ug/L
 RT: 12.242 min Scan# 34
 Delta R.T. -0.187 min
 Lab File: VV026104.D
 Acq: 10 Jun 2022 19:41

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	117
Ion	Ratio	Lower	Upper
75	100		
155	0.0	68.0	102.0#
157	0.0	89.7	134.5#

