

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032422\
 Data File : VW025155.D
 Acq On : 24 Mar 2022 17:19
 Operator : SY/MD
 Sample : N2100-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF3

Quant Time: Mar 25 03:11:20 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	147443	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	141268	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64432	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	69680	5.986	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 119.800%		
7) Chloroethane-d5	1.571	69	56765	6.659	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 133.200%#		
11) 1,1-Dichloroethene-d2	2.111	63	90822	4.828	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 96.600%		
20) 2-Butanone-d5	3.899	46	100773	71.634	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 143.260%#		
24) Chloroform-d	4.349	84	122182	6.329	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 126.600%#		
26) 1,2-Dichloroethane-d4	5.034	65	53018	6.569	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 131.400%#		
32) Benzene-d6	5.050	84	259241	6.326	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 126.600%#		
36) 1,2-Dichloropropane-d6	6.069	67	75654	6.420	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 128.400%		
41) Toluene-d8	7.317	98	224945	6.023	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 120.400%		
43) trans-1,3-Dichloroprop...	7.625	79	22204	5.405	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 108.200%		
46) 2-Hexanone-d5	8.088	63	86654	61.841	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 123.680%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45358	6.543	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 130.800%#		
66) 1,2-Dichlorobenzene-d4	11.622	152	75386	6.911	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 138.200%#		
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.754	101	1097	0.062	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1059	0.111	ug/L #	22
12) 1,1-Dichloroethene	2.111	96	907	0.097	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	4785	0.234	ug/L	97
19) 1,1-Dichloroethane	3.201	63	954	0.050	ug/L #	89
25) Chloroform	4.378	83	13844	0.691	ug/L	90
29) 1,1,1-Trichloroethane	4.609	97	320	0.018	ug/L #	47
33) Benzene	5.053	78	2147	0.047	ug/L	100
35) Methylcyclohexane	6.069	83	17787	0.918	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	7611	0.721	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1539	0.105	ug/L #	60
44) trans-1,3-Dichloropropene	7.632	75	839	0.073	ug/L	93
47) Tetrachloroethene	7.976	164	7009	0.814	ug/L	90
49) Dibromochloromethane	7.976	129	6527	0.827	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	7055	1.302	ug/L #	40
68) 1,2-Dibromo-3-chloropr...	12.249	75	305	0.328	ug/L #	1

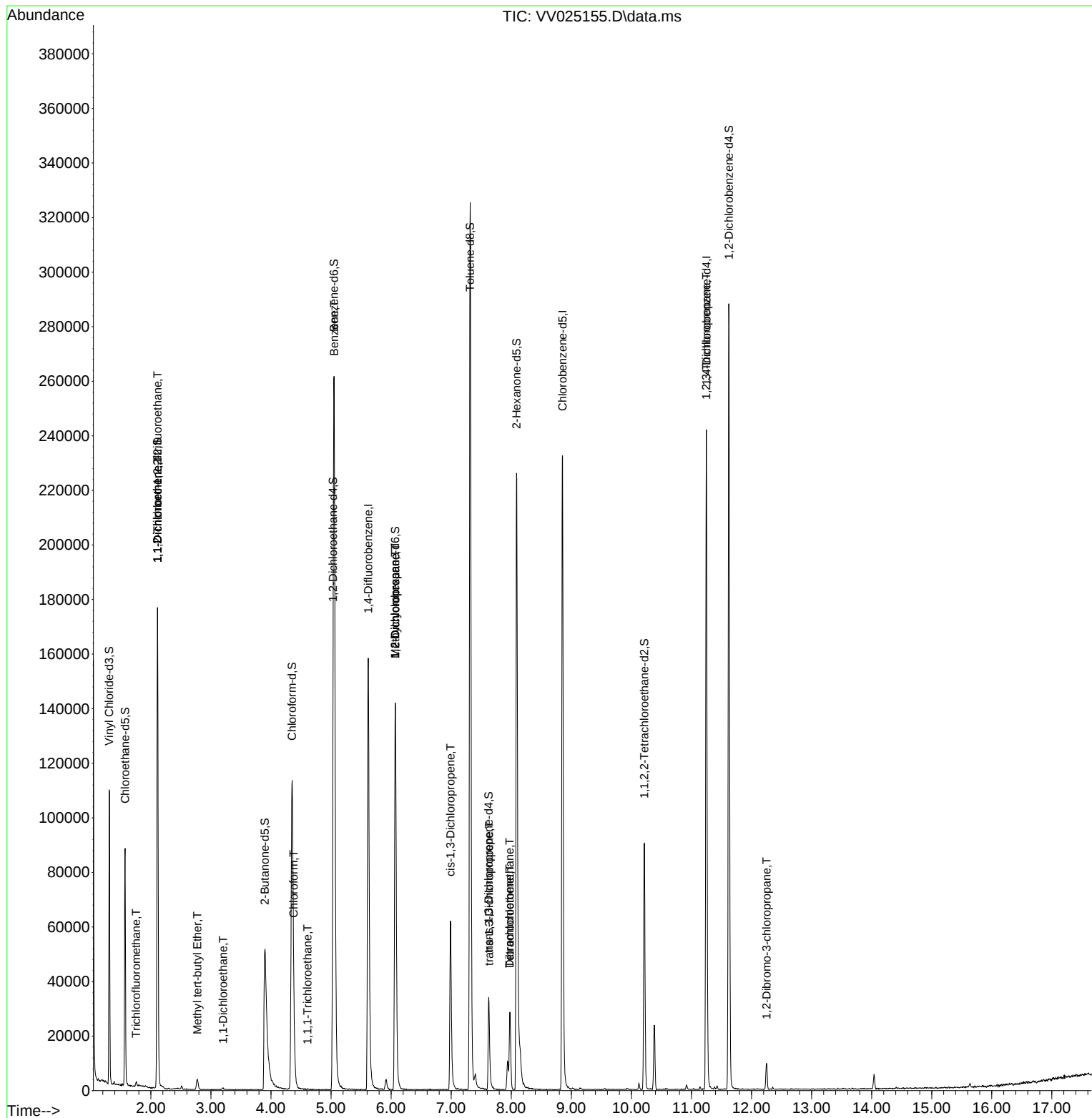
(#) = qualifier out of range (m) = manual integration (+) = signals summed

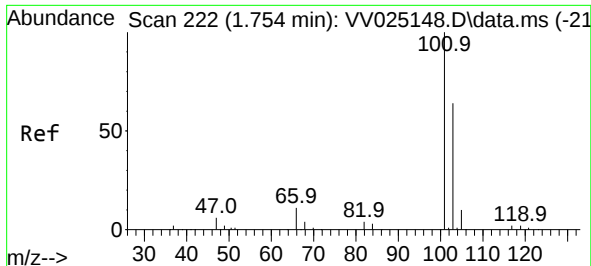
Instrument :
MSVOA_V
ClientSampleId :
C0AF3

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032422\
Data File : VV025155.D
Acq On : 24 Mar 2022 17:19
Operator : SY/MD
Sample : N2100-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF3

Quant Time: Mar 25 03:11:20 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

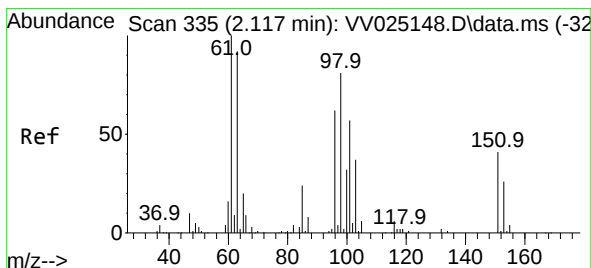
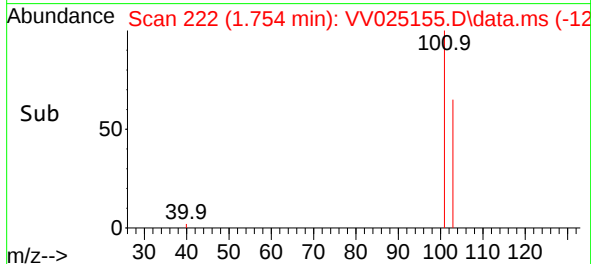
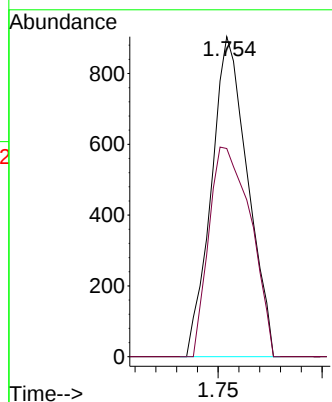
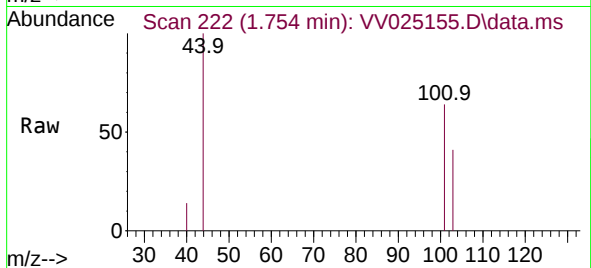




#9
 Trichlorofluoromethane
 Concen: 0.062 ug/L
 RT: 1.754 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV025155.D
 Acq: 24 Mar 2022 17:19

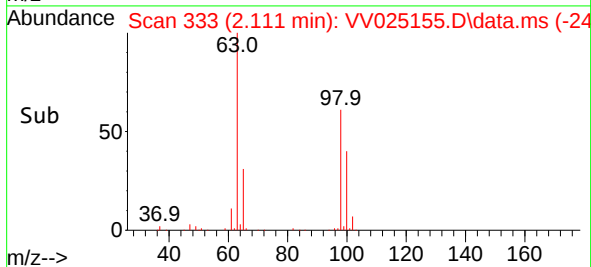
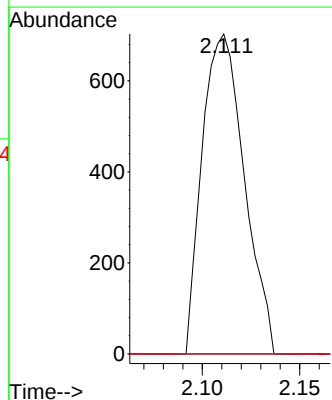
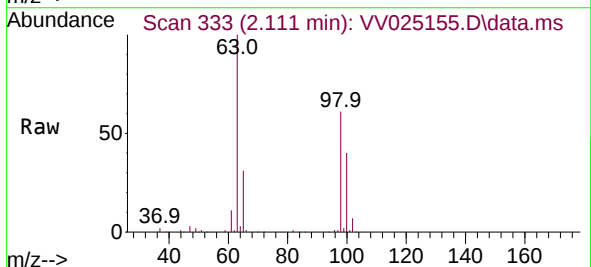
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF3

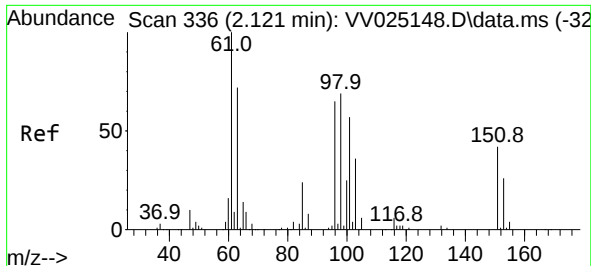
Tgt Ion:101 Resp: 1097
 Ion Ratio Lower Upper
 101 100
 103 75.5 51.5 77.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.111 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.006 min
 Lab File: VV025155.D
 Acq: 24 Mar 2022 17:19

Tgt Ion:101 Resp: 1059
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.8 52.2#
 151 0.0 55.6 83.4#

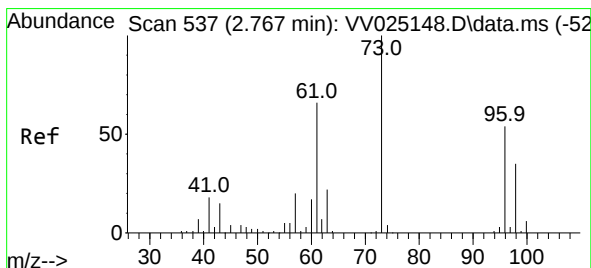
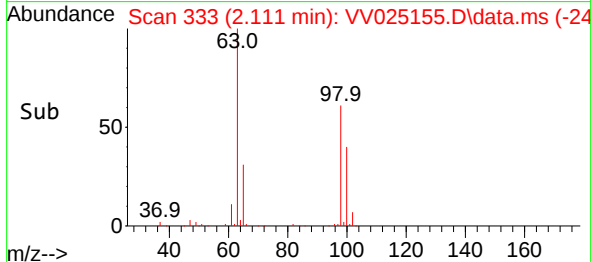
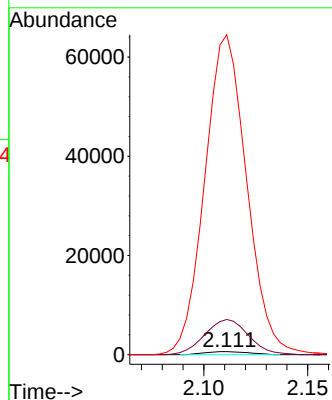
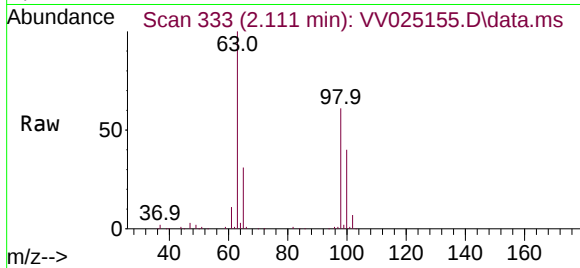




#12
1,1-Dichloroethene
Concen: 0.097 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV025155.D
Acq: 24 Mar 2022 17:19

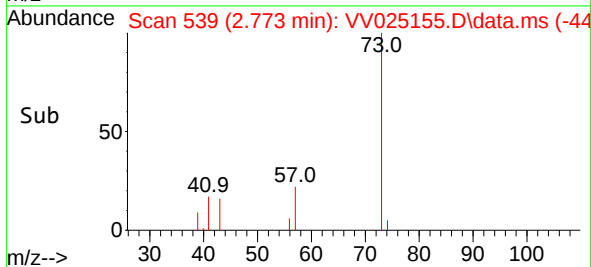
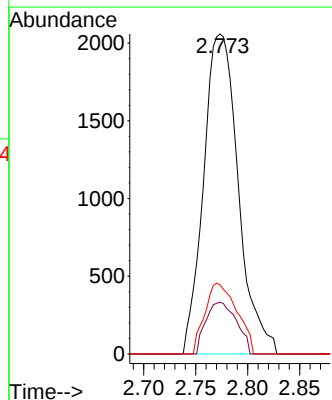
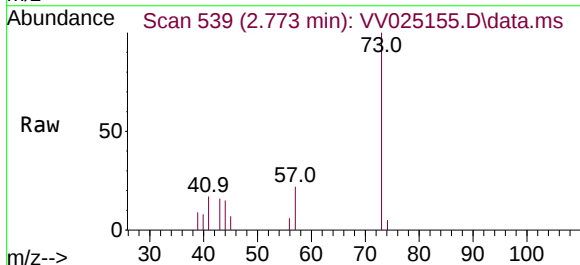
Instrument :
MSVOA_V
ClientSampleId :
C0AF3

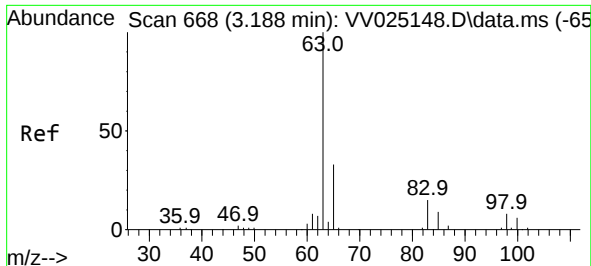
Tgt Ion: 96 Resp: 907
Ion Ratio Lower Upper
96 100
61 1172.4 113.0 209.9#
63 10661.8 82.1 152.5#



#17
Methyl tert-butyl Ether
Concen: 0.234 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV025155.D
Acq: 24 Mar 2022 17:19

Tgt Ion: 73 Resp: 4785
Ion Ratio Lower Upper
73 100
43 14.3 13.2 19.8
57 20.4 16.7 25.1

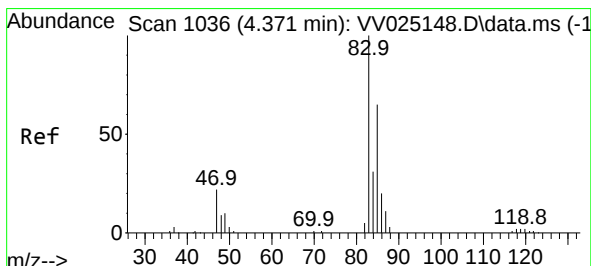
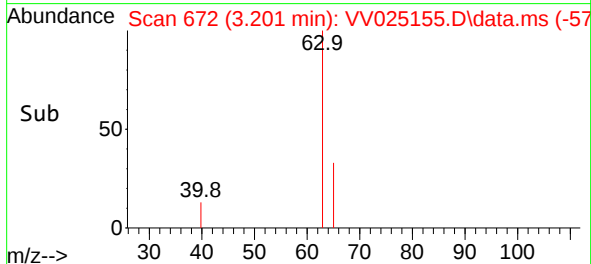
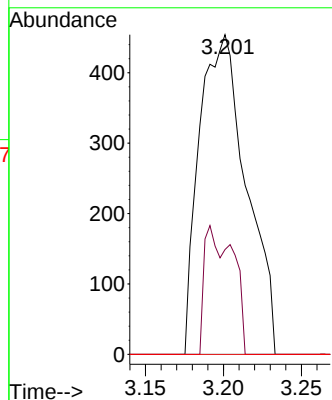
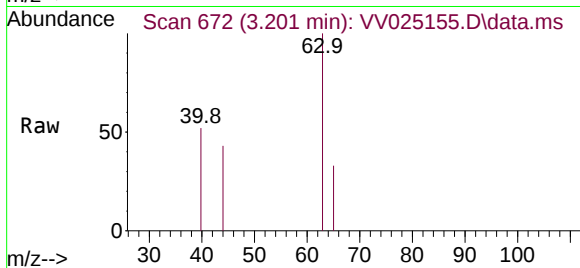




#19
1,1-Dichloroethane
Concen: 0.050 ug/L
RT: 3.201 min Scan# 61
Delta R.T. 0.013 min
Lab File: VV025155.D
Acq: 24 Mar 2022 17:19

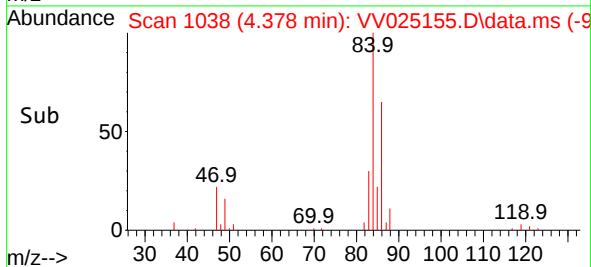
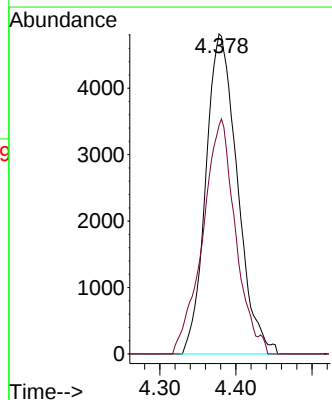
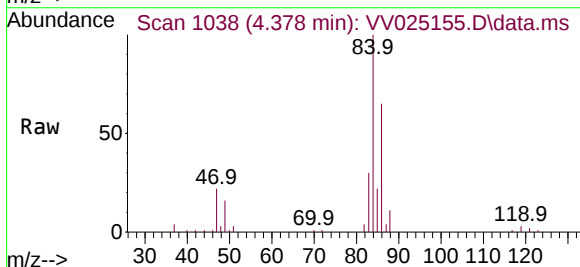
Instrument :
MSVOA_V
ClientSampleId :
C0AF3

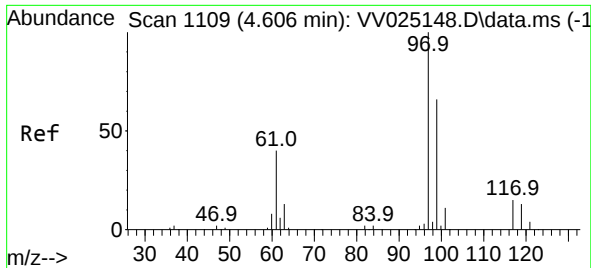
Tgt Ion: 63 Resp: 954
Ion Ratio Lower Upper
63 100
65 32.8 22.2 41.2
83 0.0 9.4 17.4#



#25
Chloroform
Concen: 0.691 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV025155.D
Acq: 24 Mar 2022 17:19

Tgt Ion: 83 Resp: 13844
Ion Ratio Lower Upper
83 100
85 71.4 44.5 82.7

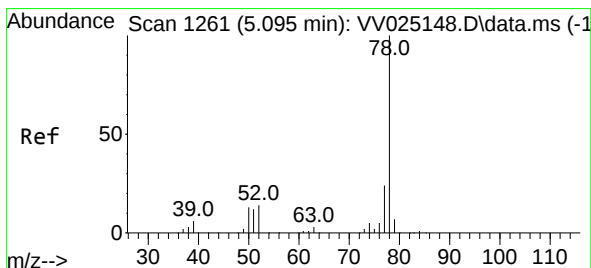
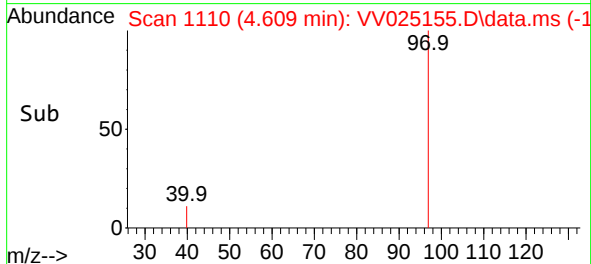
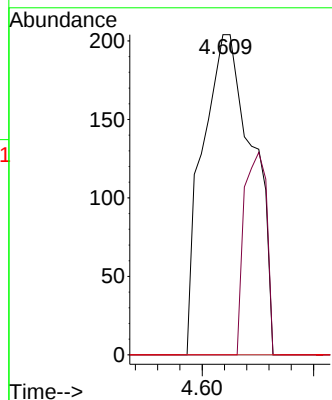
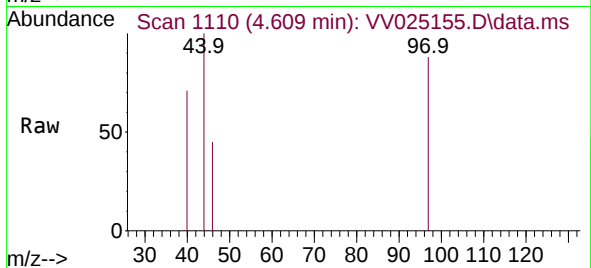




#29
1,1,1-Trichloroethane
Concen: 0.018 ug/L
RT: 4.609 min Scan# 1109
Delta R.T. 0.003 min
Lab File: VV025155.D
Acq: 24 Mar 2022 17:19

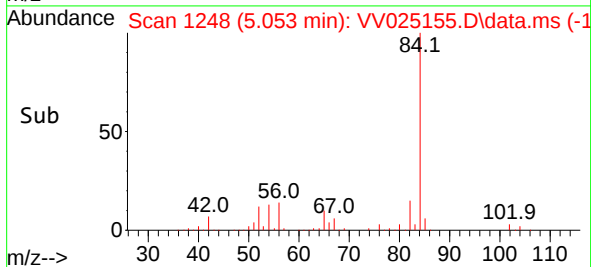
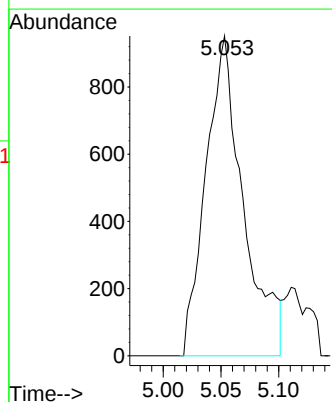
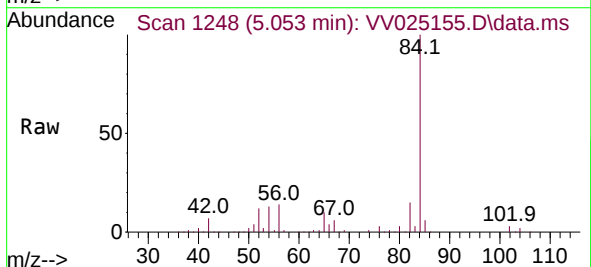
Instrument :
MSVOA_V
ClientSampleId :
C0AF3

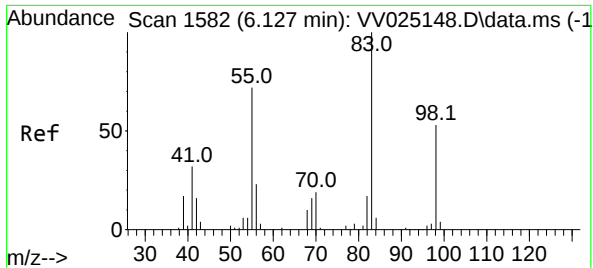
Tgt Ion: 97 Resp: 320
Ion Ratio Lower Upper
97 100
99 28.1 50.7 76.1#
61 0.0 32.4 48.6#



#33
Benzene
Concen: 0.047 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.042 min
Lab File: VV025155.D
Acq: 24 Mar 2022 17:19

Tgt Ion: 78 Resp: 2147

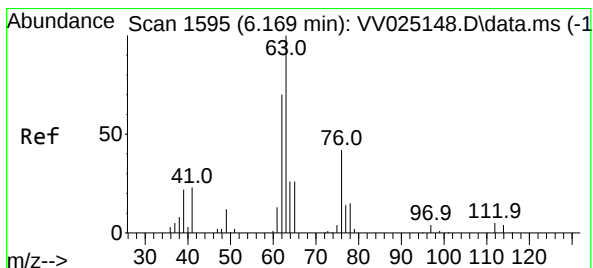
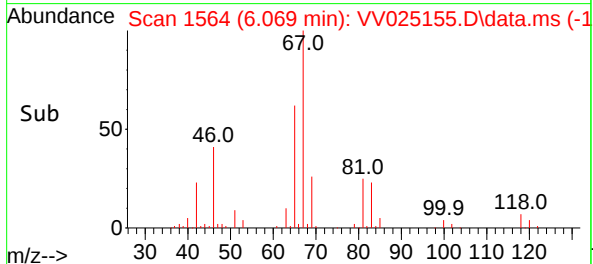
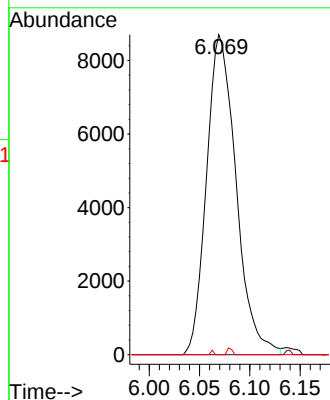
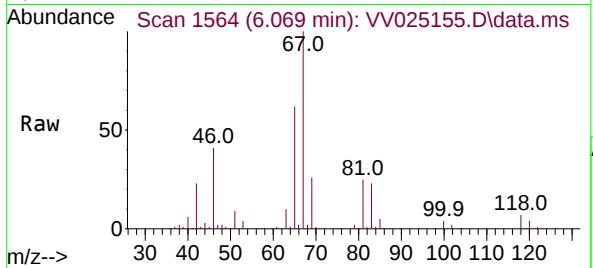




#35
Methylcyclohexane
Concen: 0.918 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025155.D
Acq: 24 Mar 2022 17:19

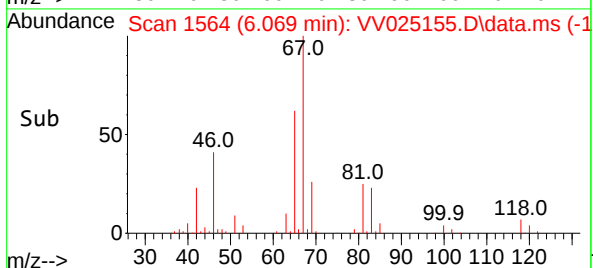
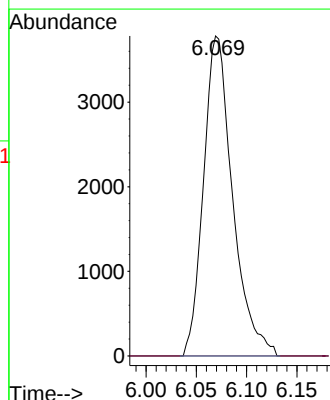
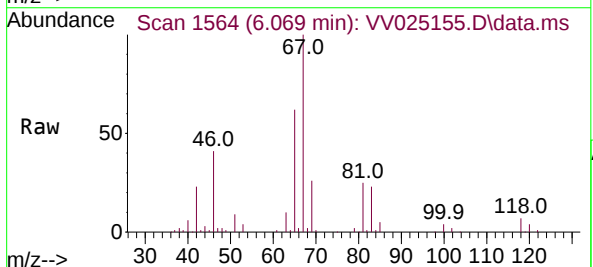
Instrument :
MSVOA_V
ClientSampleId :
C0AF3

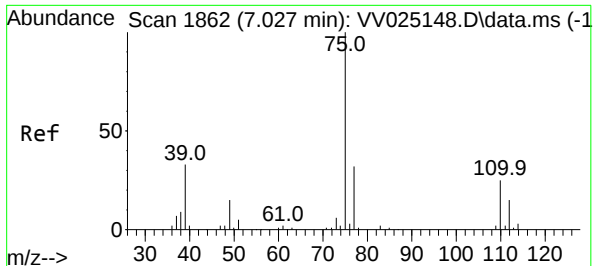
Tgt Ion: 83 Resp: 17787
Ion Ratio Lower Upper
83 100
55 0.3 55.4 83.0#
98 0.3 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.721 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV025155.D
Acq: 24 Mar 2022 17:19

Tgt Ion: 63 Resp: 7611
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV025155.D

Acq: 24 Mar 2022 17:19

Instrument :

MSVOA_V

ClientSampleId :

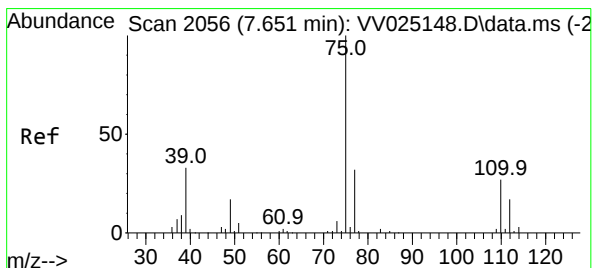
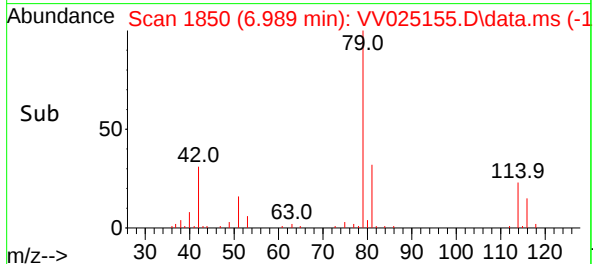
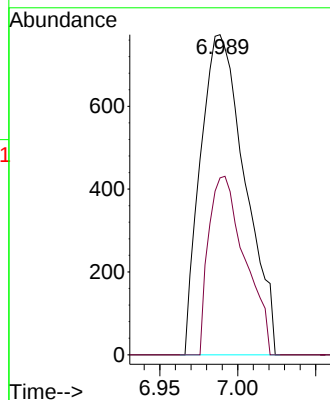
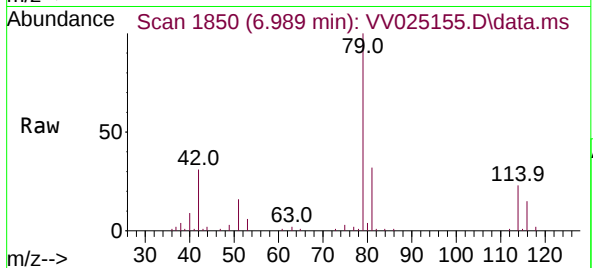
C0AF3

Tgt Ion: 75 Resp: 1539

Ion Ratio Lower Upper

75 100

77 55.2 23.0 42.8#



#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 7.632 min Scan# 2050

Delta R.T. -0.019 min

Lab File: VV025155.D

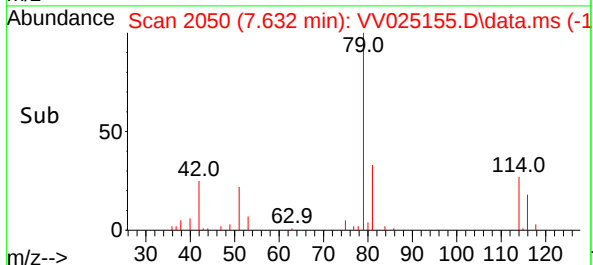
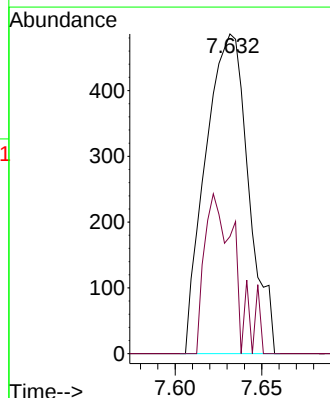
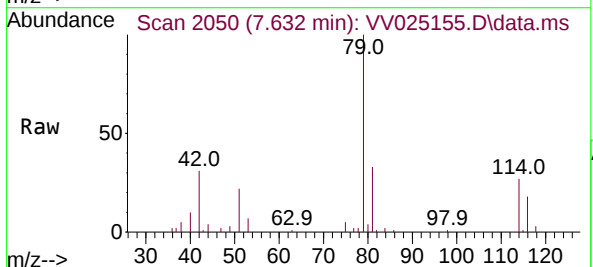
Acq: 24 Mar 2022 17:19

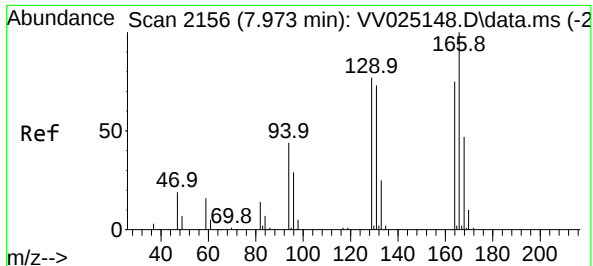
Tgt Ion: 75 Resp: 839

Ion Ratio Lower Upper

75 100

77 36.6 23.0 42.6





#47

Tetrachloroethene

Concen: 0.814 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025155.D

Acq: 24 Mar 2022 17:19

Instrument :

MSVOA_V

ClientSampleId :

C0AF3

Tgt Ion:164 Resp: 7009

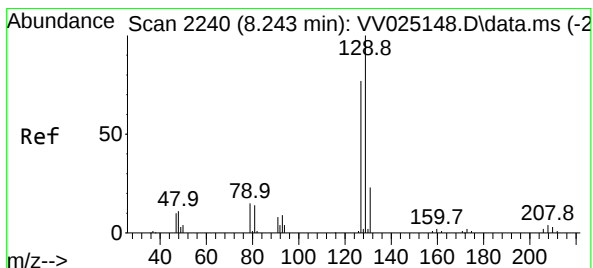
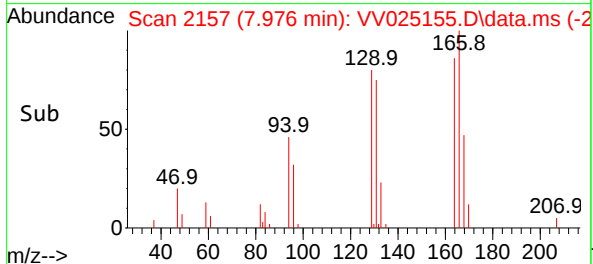
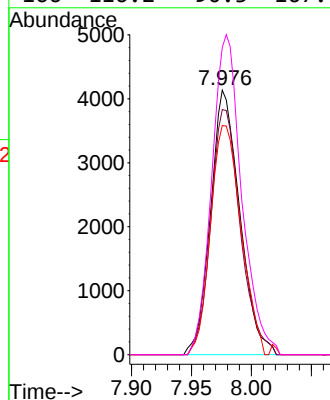
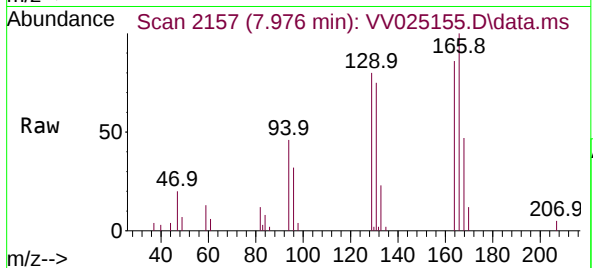
Ion Ratio Lower Upper

164 100

129 92.7 70.3 130.7

131 86.7 69.4 129.0

166 116.2 90.3 167.7



#49

Dibromochloromethane

Concen: 0.827 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025155.D

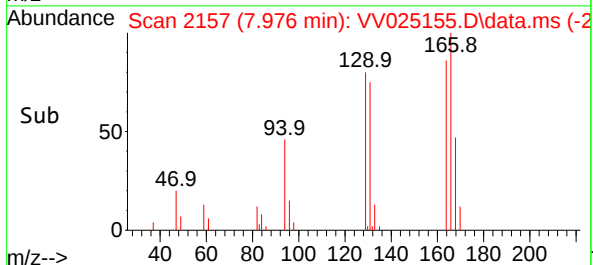
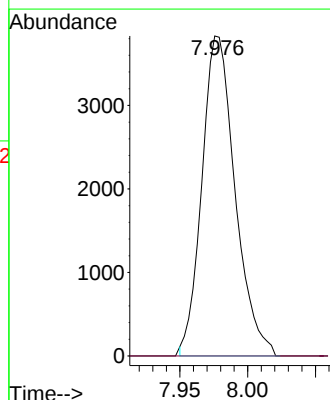
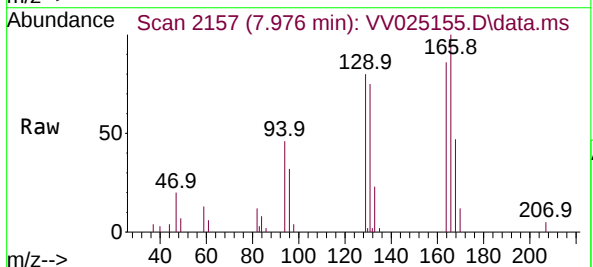
Acq: 24 Mar 2022 17:19

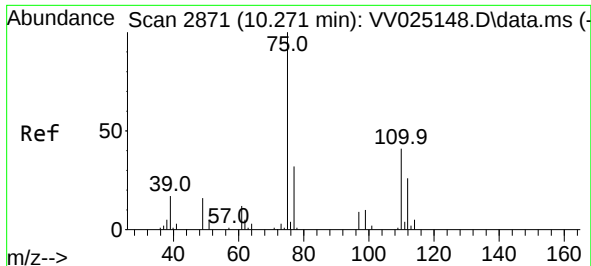
Tgt Ion:129 Resp: 6527

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#

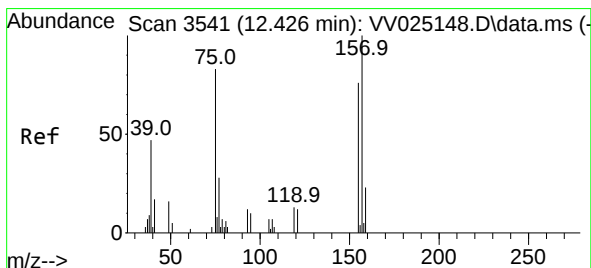
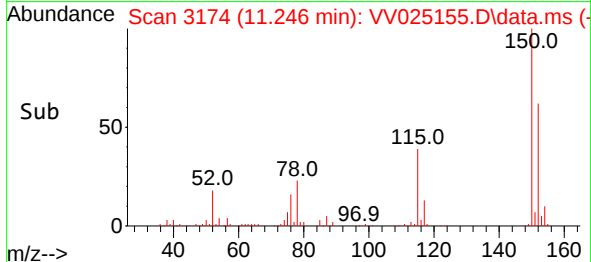
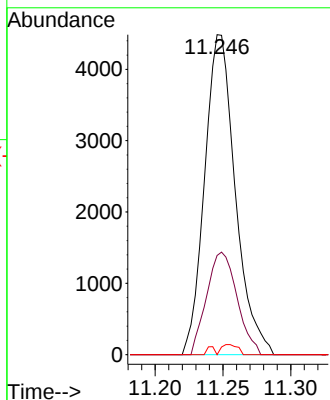
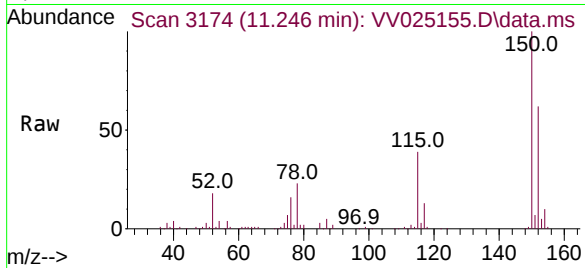




#61
1,2,3-Trichloropropane
Concen: 1.302 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025155.D
Acq: 24 Mar 2022 17:19

Instrument :
MSVOA_V
ClientSampleId :
C0AF3

Tgt Ion: 75 Resp: 7055
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
110 0.6 31.2 46.8#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.328 ug/L
RT: 12.249 min Scan# 3486
Delta R.T. -0.177 min
Lab File: VV025155.D
Acq: 24 Mar 2022 17:19

Tgt Ion: 75 Resp: 305
Ion Ratio Lower Upper
75 100
155 0.0 65.9 98.9#
157 0.0 89.7 134.5#

