

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052622\
 Data File : VW025968.D
 Acq On : 26 May 2022 19:10
 Operator : SY/MD
 Sample : N3039-12
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: May 27 01:31:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 27 01:28:09 2022
 Response via : Initial Calibration

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

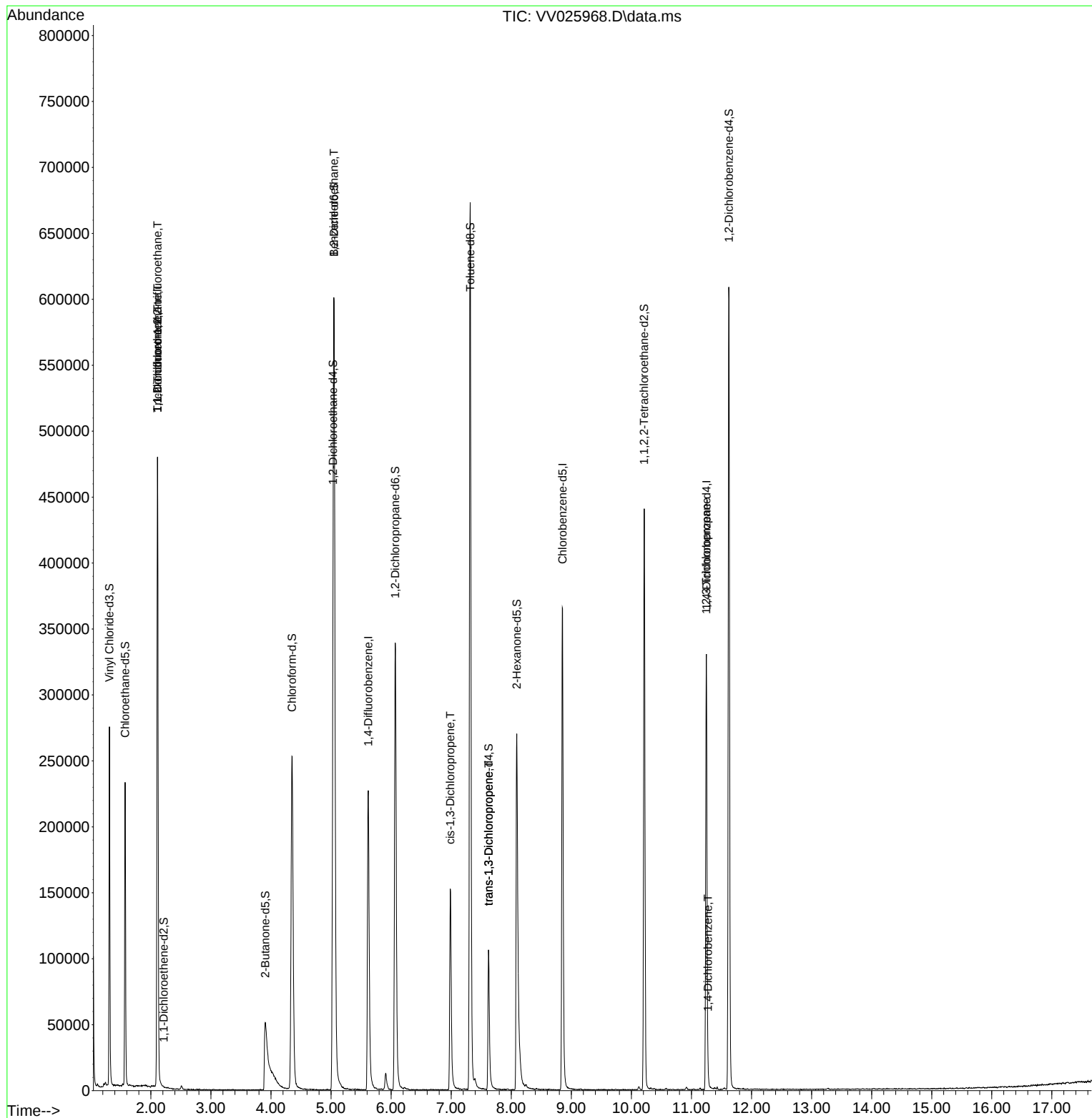
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	204346	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	204812	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	87119	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	176072	66.763	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 133.520%	
7) Chloroethane-d5	1.571	69	146419	63.220	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 126.440%	
11) 1,1-Dichloroethene-d2	2.214	63	177	0.038	ug/L	0.10
Spiked Amount	50.000	Range	60 - 125	Recovery	= 0.080%#	
21) 2-Butanone-d5	3.905	46	122502	108.374	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 108.370%	
24) Chloroform-d	4.349	84	262444	71.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 142.500%#	
26) 1,2-Dichloroethane-d4	5.034	65	165494	74.338	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 148.680%#	
32) Benzene-d6	5.050	84	535942	75.061	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 150.120%#	
36) 1,2-Dichloropropane-d6	6.069	67	171467	78.189	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 156.380%#	
41) Toluene-d8	7.317	98	449783	68.370	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 136.740%#	
43) trans-1,3-Dichloroprop...	7.622	79	62112	63.449	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 126.900%#	
47) 2-Hexanone-d5	8.091	63	103172	128.323	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 128.320%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	213252	72.919	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 145.840%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	156760	82.030	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 164.060%#	
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.111	101	2484	0.673	ug/L #	37
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	2484	1.266	ug/L #	22
12) 1,1-Dichloroethene	2.111	96	1969	1.021	ug/L #	1
27) 1,2-Dichloroethane	5.050	62	3013	1.215	ug/L	99
39) cis-1,3-Dichloropropene	6.985	75	3877	1.569	ug/L #	70
44) trans-1,3-Dichloropropene	7.622	75	2598	1.093	ug/L	89
61) 1,2,3-Trichloropropane	11.246	75	11281	6.542	ug/L #	64
65) 1,4-Dichlorobenzene	11.275	146	1601	0.553	ug/L	94

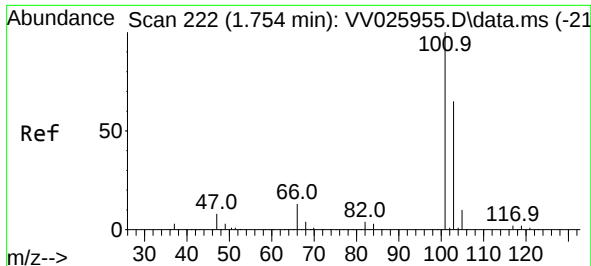
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052622\
Data File : VV025968.D
Acq On : 26 May 2022 19:10
Operator : SY/MD
Sample : N3039-12
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Quant Time: May 27 01:31:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 27 01:28:09 2022
Response via : Initial Calibration

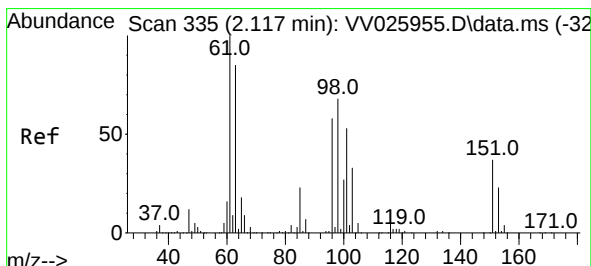
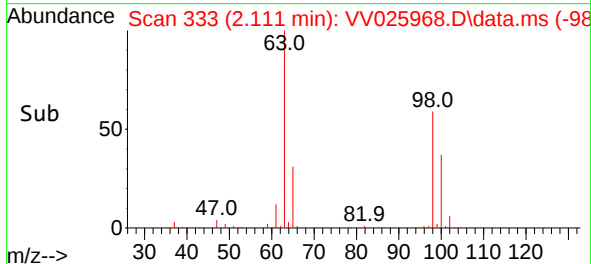
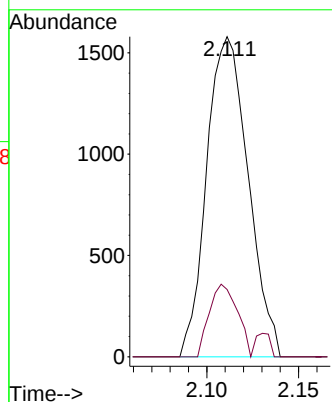
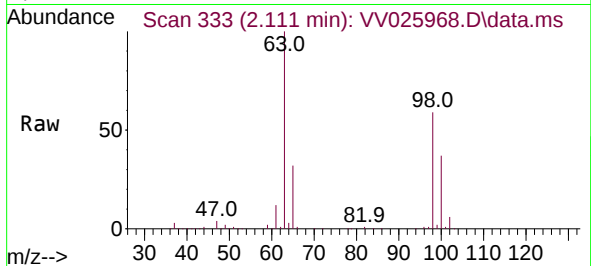




#9
Trichlorofluoromethane
Concen: 0.673 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.357 min
Lab File: VV025968.D
Acq: 26 May 2022 19:10

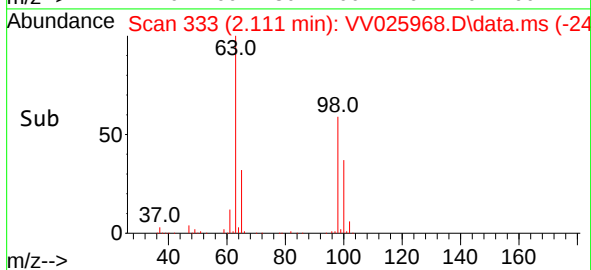
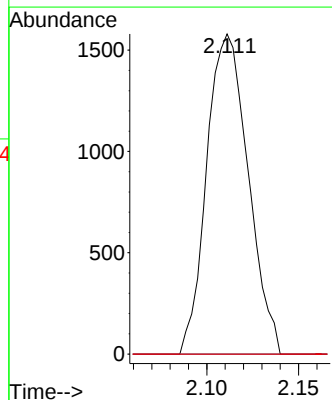
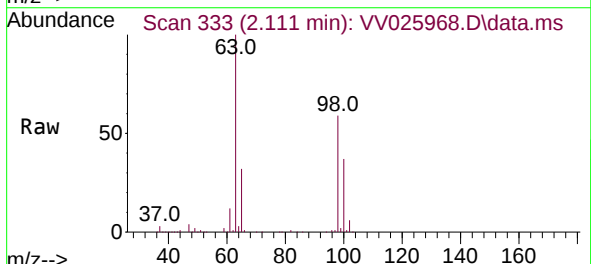
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

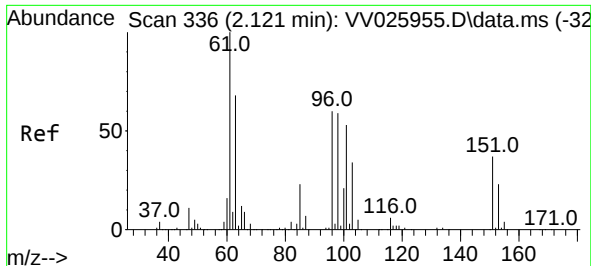
Tgt Ion:101 Resp: 2484
Ion Ratio Lower Upper
101 100
103 15.3 51.5 77.3#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.266 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV025968.D
Acq: 26 May 2022 19:10

Tgt Ion:101 Resp: 2484
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 54.3 81.5#





#12

1,1-Dichloroethene

Concen: 1.021 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV025968.D

Acq: 26 May 2022 19:10

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

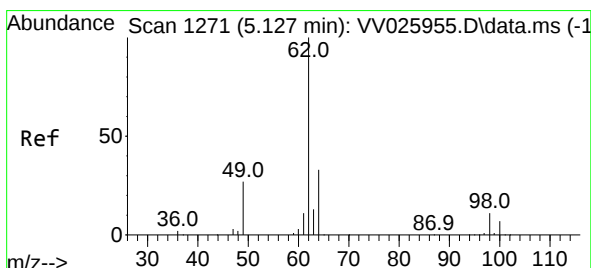
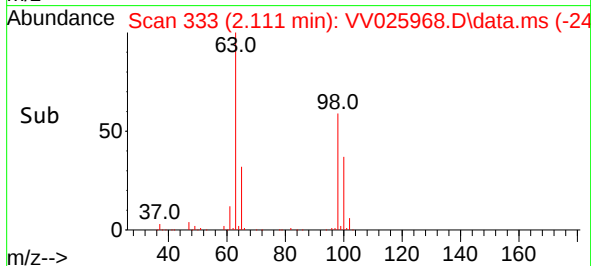
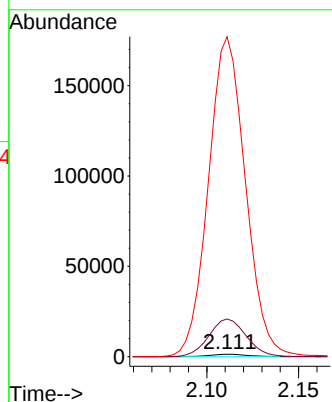
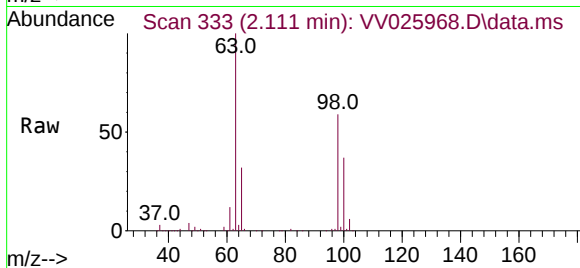
Tgt Ion: 96 Resp: 1969

Ion Ratio Lower Upper

96 100

61 1534.7 124.6 231.4#

63 13021.2 101.6 188.6#



#27

1,2-Dichloroethane

Concen: 1.215 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV025968.D

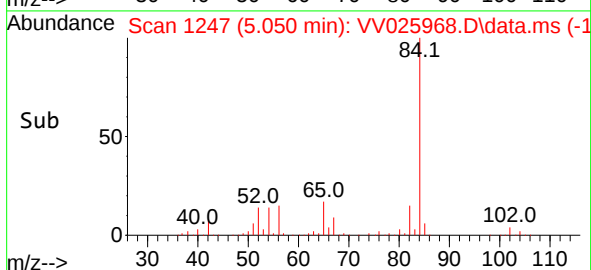
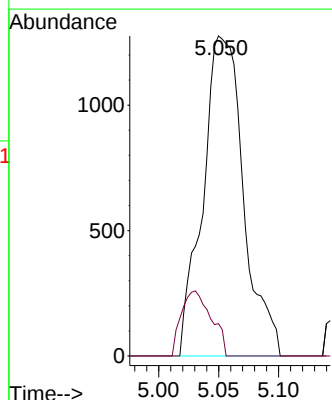
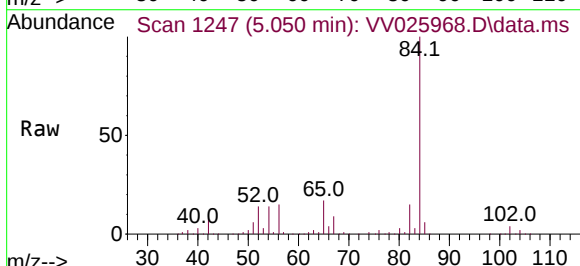
Acq: 26 May 2022 19:10

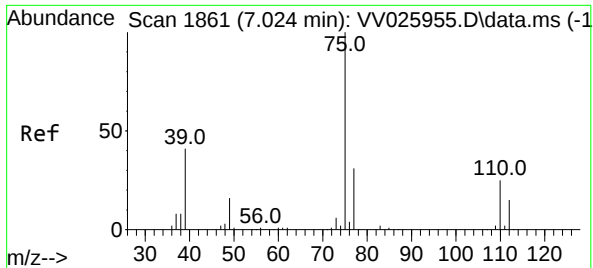
Tgt Ion: 62 Resp: 3013

Ion Ratio Lower Upper

62 100

98 10.1 7.7 11.5





#39

cis-1,3-Dichloropropene

Concen: 1.569 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV025968.D

Acq: 26 May 2022 19:10

Instrument :

MSVOA_V

ClientSampleId :

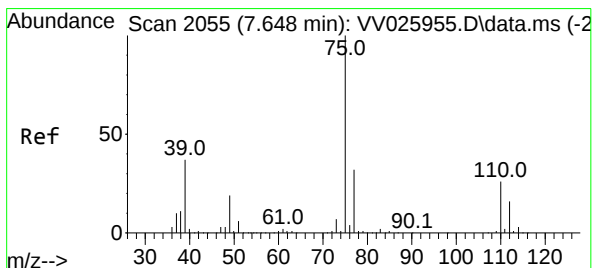
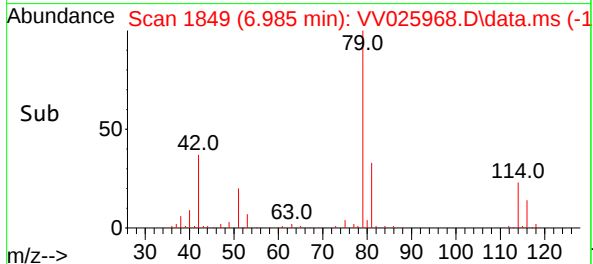
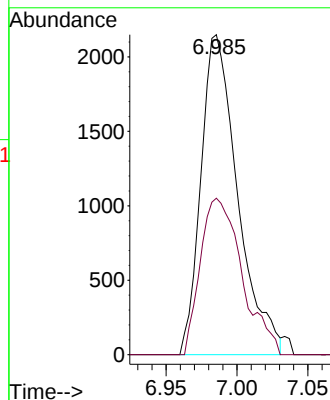
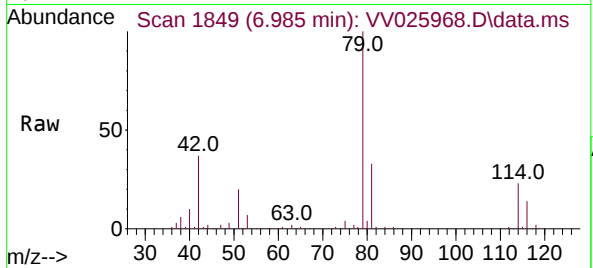
VHBLK001

Tgt Ion: 75 Resp: 3877

Ion Ratio Lower Upper

75 100

77 48.9 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 1.093 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.026 min

Lab File: VV025968.D

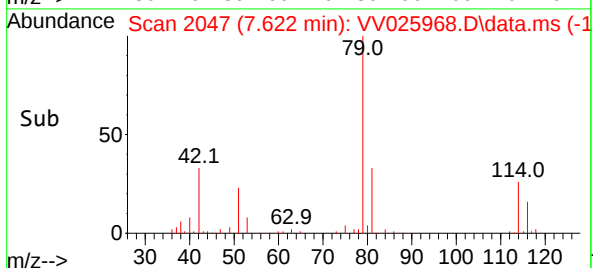
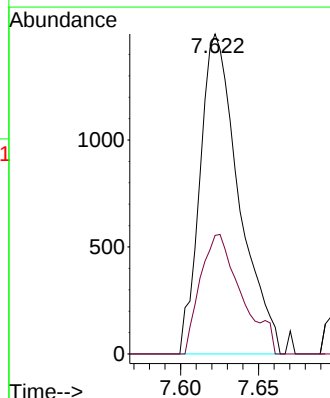
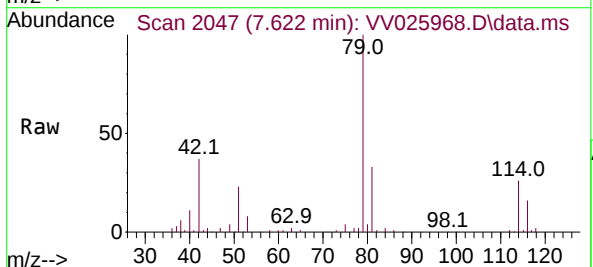
Acq: 26 May 2022 19:10

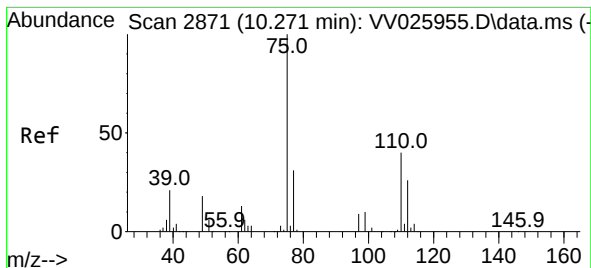
Tgt Ion: 75 Resp: 2598

Ion Ratio Lower Upper

75 100

77 37.0 21.8 40.4





#61

1,2,3-Trichloropropane

Concen: 6.542 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025968.D

Acq: 26 May 2022 19:10

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

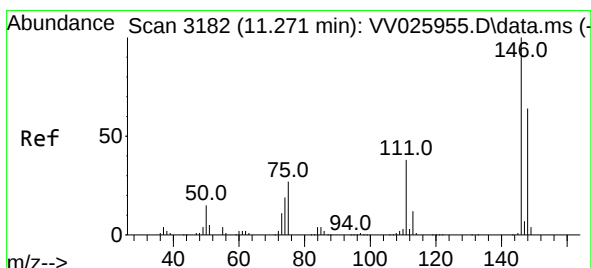
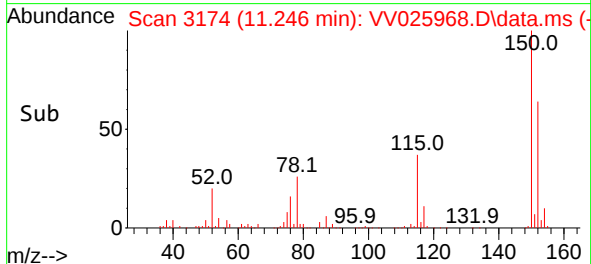
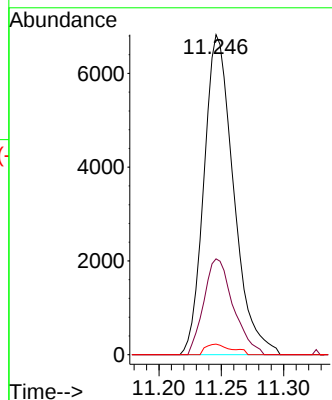
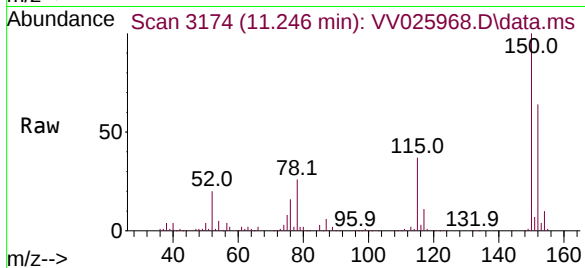
Tgt Ion: 75 Resp: 11281

Ion Ratio Lower Upper

75 100

77 29.7 25.3 37.9

110 2.5 32.3 48.5#



#65

1,4-Dichlorobenzene

Concen: 0.553 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.003 min

Lab File: VV025968.D

Acq: 26 May 2022 19:10

Tgt Ion:146 Resp: 1601

Ion Ratio Lower Upper

146 100

111 41.6 26.7 49.7

148 58.6 44.2 82.2

