

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026463.D
 Acq On : 20 Jun 2022 22:12
 Operator : SY/MD
 Sample : N3355-17
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:41:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 05:26:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	186121	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	171046	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71852	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	73377	4.539	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.800%	
7) Chloroethane-d5	1.584	69	65086	5.120	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.400%	
11) 1,1-Dichloroethene-d2	2.124	63	107221	3.862	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.200%	
20) 2-Butanone-d5	3.931	46	87530	55.490	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.980%	
24) Chloroform-d	4.362	84	134536	5.678	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	113.600%	
26) 1,2-Dichloroethane-d4	5.043	65	57130	5.699	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.000%	
32) Benzene-d6	5.063	84	278427	6.089	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	121.800%	
36) 1,2-Dichloropropane-d6	6.079	67	83812	6.280	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	125.600%	
41) Toluene-d8	7.320	98	237671	5.700	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.000%	
43) trans-1,3-Dichloroprop...	7.632	79	15240	3.521	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.400%	
46) 2-Hexanone-d5	8.095	63	72331	55.328	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.660%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	51023	6.206	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	124.200%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	72943	6.591	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	131.800%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.259	50	3667	0.237	ug/L	94
6) Bromomethane	1.539	94	671	0.075	ug/L	71
8) Chloroethane	1.323	64	8714	0.874	ug/L	85
12) 1,1-Dichloroethene	2.130	96	1402	0.119	ug/L #	1
14) Carbon disulfide	2.320	76	1661	0.057	ug/L #	47
22) cis-1,2-Dichloroethene	3.937	96	1561	0.135	ug/L	92
27) 1,2-Dichloroethane	5.063	62	1285	0.120	ug/L #	71
34) Trichloroethene	5.918	95	478780	39.991	ug/L	99
35) Methylcyclohexane	6.079	83	20549	1.241	ug/L #	18
37) 1,2-Dichloropropane	6.079	63	8361	0.729	ug/L #	89
39) cis-1,3-Dichloropropene	6.995	75	1148	0.088	ug/L #	73
47) Tetrachloroethene	7.989	164	449	0.051	ug/L	82
53) m,p-Xylene	9.146	106	681	0.038	ug/L	65
60) Isopropylbenzene	10.921	105	2081	0.054	ug/L #	79
61) 1,2,3-Trichloropropane	11.249	75	7786	1.670	ug/L #	67
63) 1,2,4-Trimethylbenzene	10.921	105	2081	0.069	ug/L	91

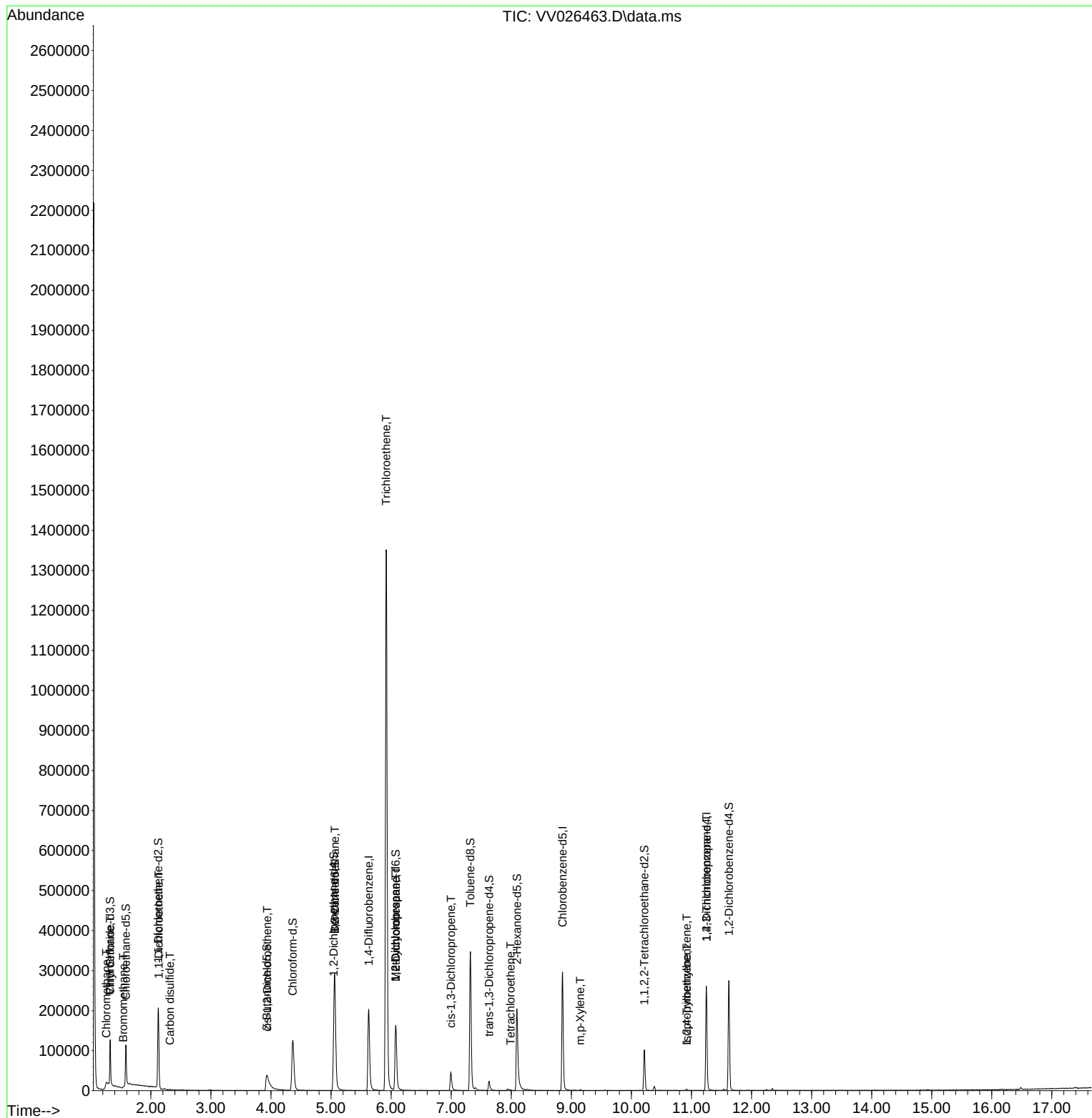
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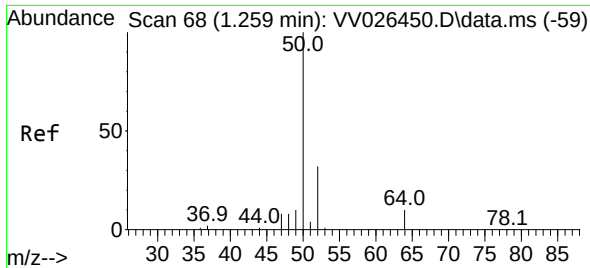
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062022\
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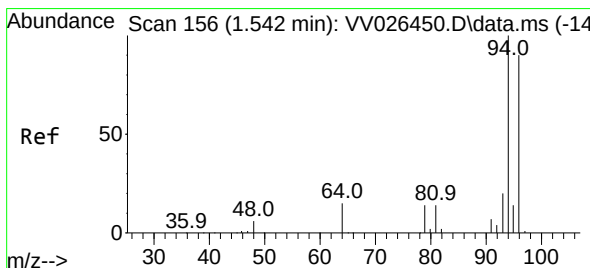
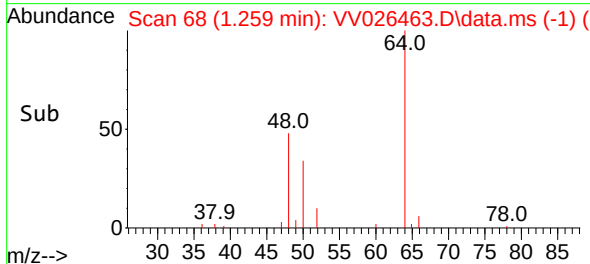
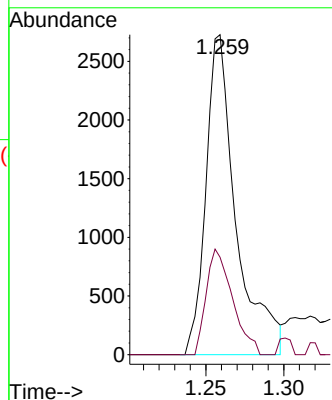
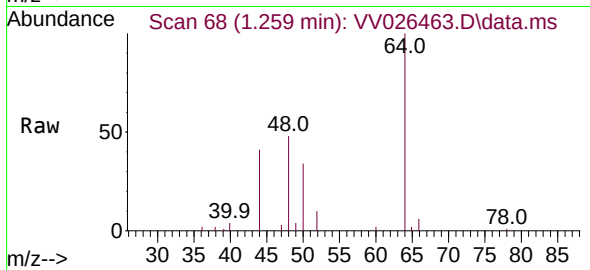




#3
Chloromethane
Concen: 0.237 ug/L
RT: 1.259 min Scan# 68
Delta R.T. -0.000 min
Lab File: VV026463.D
Acq: 20 Jun 2022 22:12

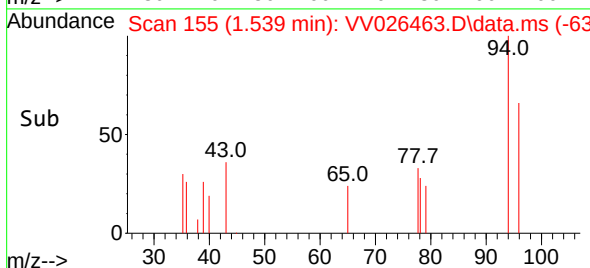
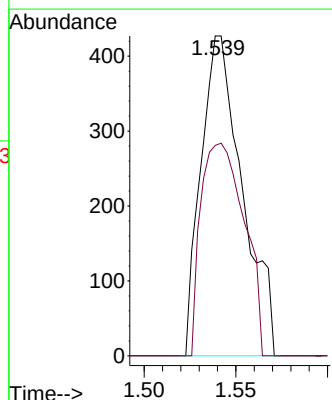
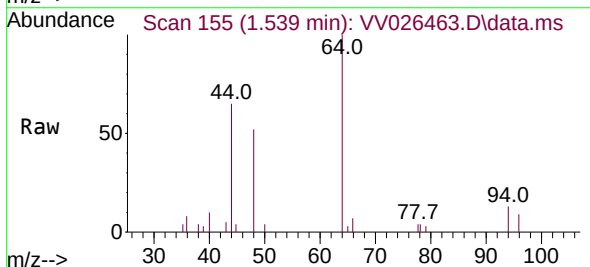
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MSVOA_V
ClientSampleId :

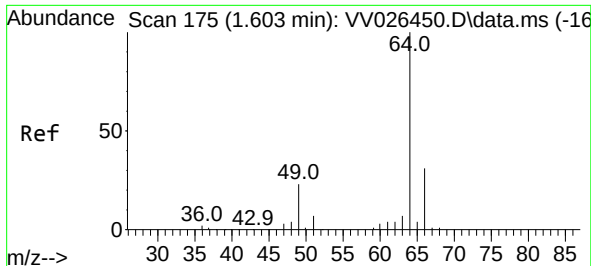
Tgt Ion: 50 Resp: 3667
Ion Ratio Lower Upper
50 100
52 30.4 23.7 44.1



#6
Bromomethane
Concen: 0.075 ug/L
RT: 1.539 min Scan# 155
Delta R.T. -0.003 min
Lab File: VV026463.D
Acq: 20 Jun 2022 22:12

Tgt Ion: 94 Resp: 671
Ion Ratio Lower Upper
94 100
96 65.8 65.7 121.9

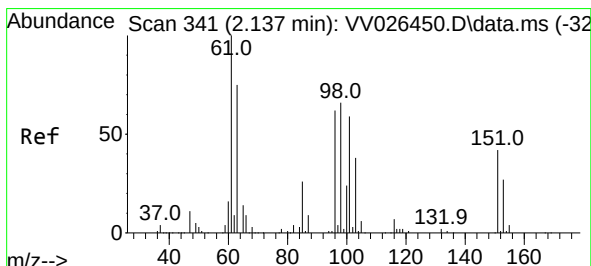
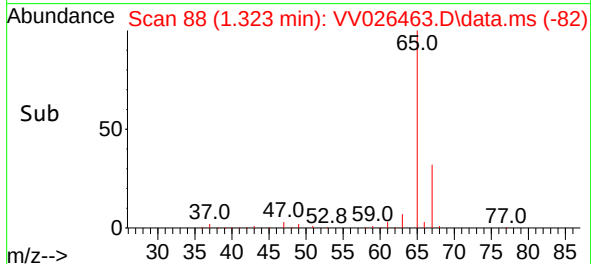
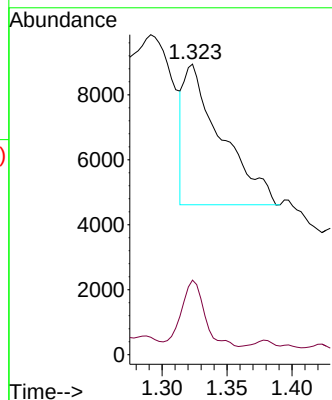
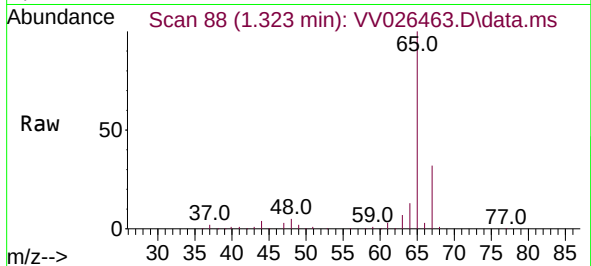




#8
Chloroethane
Concen: 0.874 ug/L
RT: 1.323 min Scan# 81
Delta R.T. -0.280 min
Lab File: VV026463.D
Acq: 20 Jun 2022 22:12

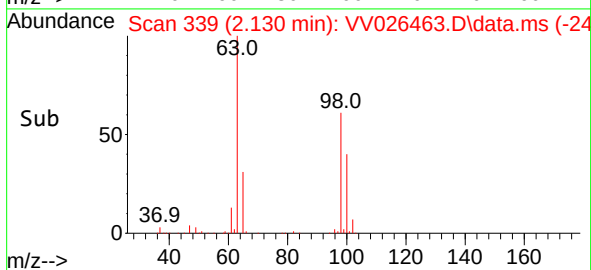
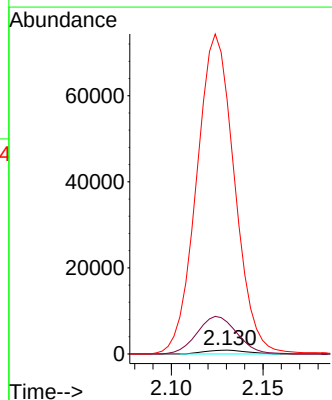
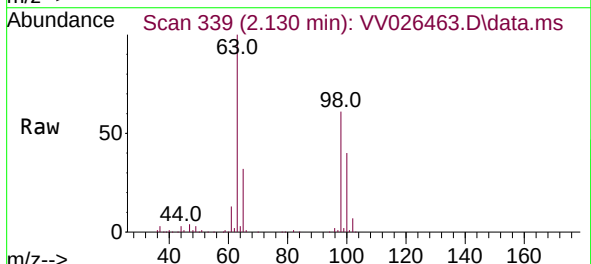
Instrument :
MSVOA_V
ClientSampleId :

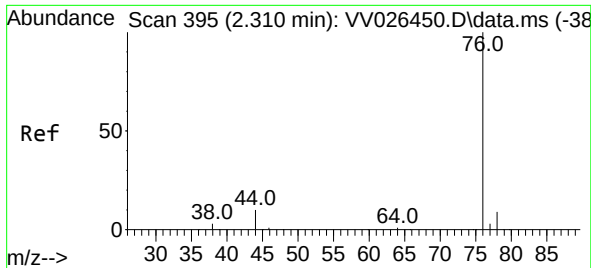
Tgt Ion: 64 Resp: 8714
Ion Ratio Lower Upper
64 100
66 25.7 24.1 44.7



#12
1,1-Dichloroethene
Concen: 0.119 ug/L
RT: 2.130 min Scan# 339
Delta R.T. -0.006 min
Lab File: VV026463.D
Acq: 20 Jun 2022 22:12

Tgt Ion: 96 Resp: 1402
Ion Ratio Lower Upper
96 100
61 838.4 117.1 217.5#
63 6663.4 92.8 172.4#

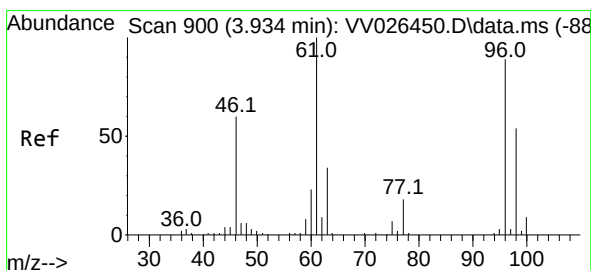
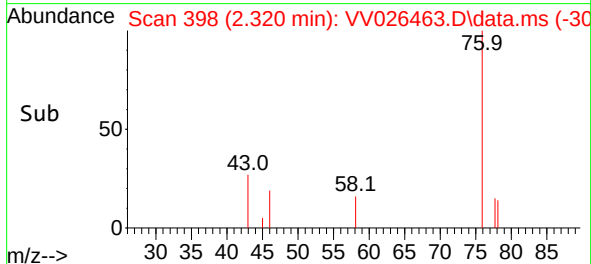
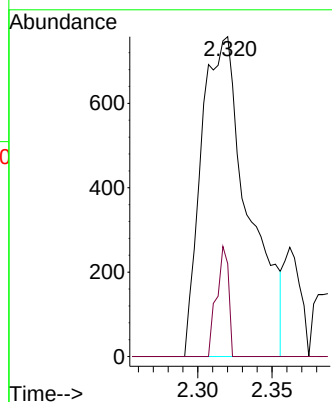
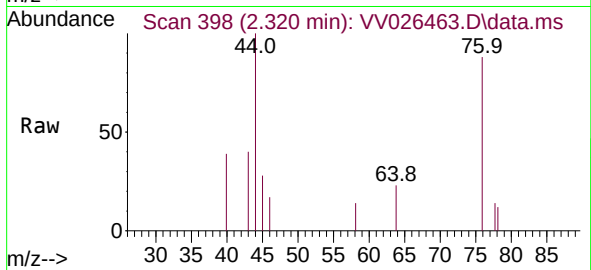




#14
Carbon disulfide
Concen: 0.057 ug/L
RT: 2.320 min Scan# 395
Delta R.T. 0.010 min
Lab File: VV026463.D
Acq: 20 Jun 2022 22:12

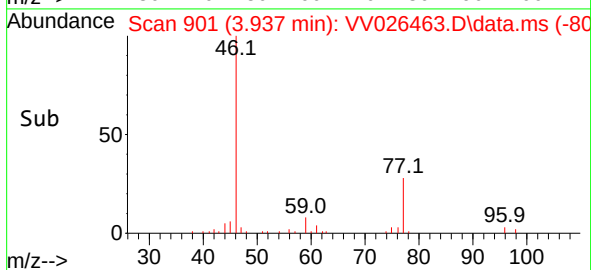
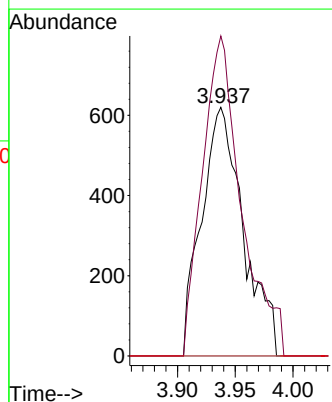
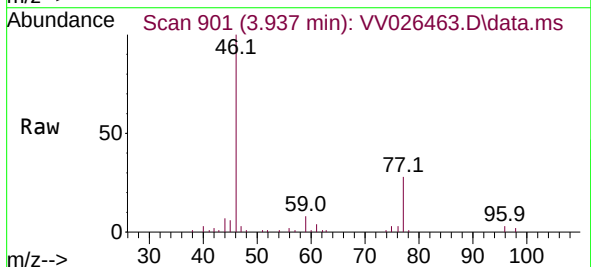
Instrument :
MSVOA_V
ClientSampleId :

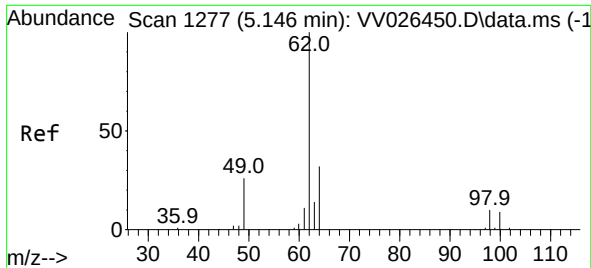
Tgt Ion: 76 Resp: 1661
Ion Ratio Lower Upper
76 100
78 29.0 7.7 11.5#



#22
cis-1,2-Dichloroethene
Concen: 0.135 ug/L
RT: 3.937 min Scan# 901
Delta R.T. 0.003 min
Lab File: VV026463.D
Acq: 20 Jun 2022 22:12

Tgt Ion: 96 Resp: 1561
Ion Ratio Lower Upper
96 100
61 128.7 83.6 155.2
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.120 ug/L

RT: 5.063 min Scan# 11

Delta R.T. -0.084 min

Lab File: VV026463.D

Acq: 20 Jun 2022 22:12

Instrument :

MSVOA_V

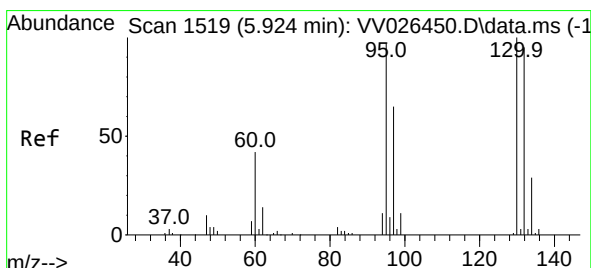
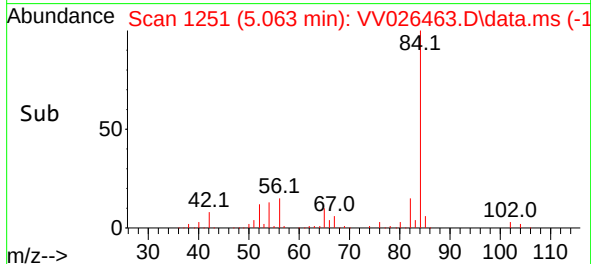
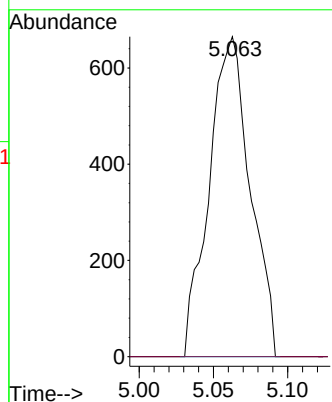
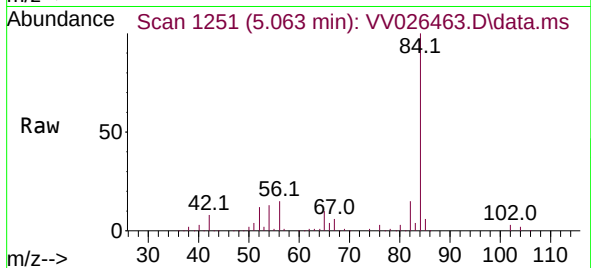
ClientSampleId :

Tgt Ion: 62 Resp: 1285

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#34

Trichloroethene

Concen: 39.991 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. -0.006 min

Lab File: VV026463.D

Acq: 20 Jun 2022 22:12

Tgt Ion: 95 Resp: 478780

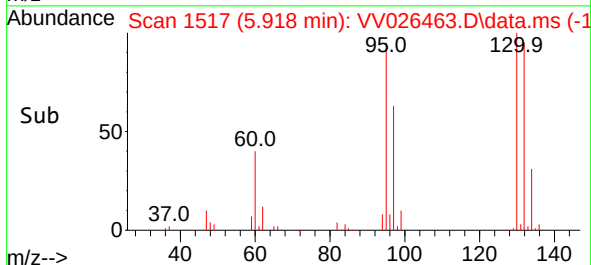
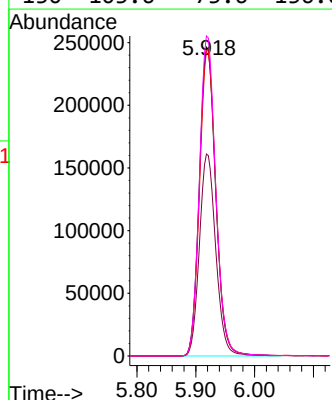
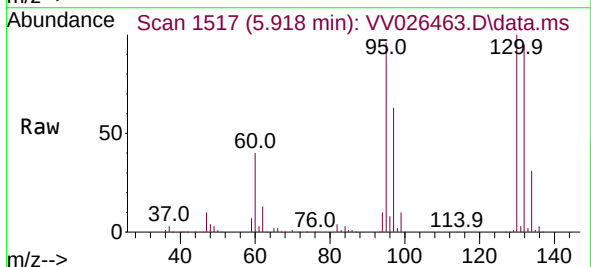
Ion Ratio Lower Upper

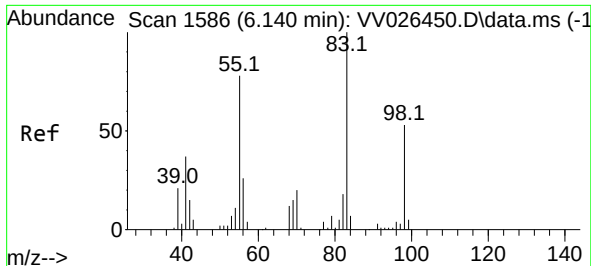
95 100

97 65.4 46.5 86.3

132 98.9 68.8 127.8

130 103.6 73.6 136.6





#35

Methylcyclohexane

Concen: 1.241 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.061 min

Lab File: VV026463.D

Acq: 20 Jun 2022 22:12

Instrument :

MSVOA_V

ClientSampleId :

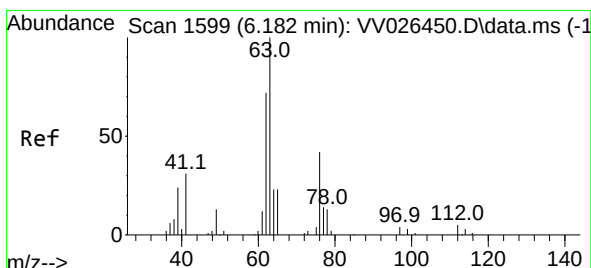
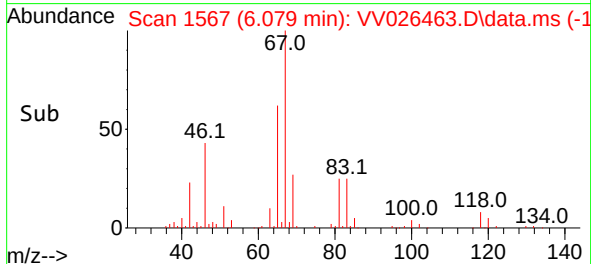
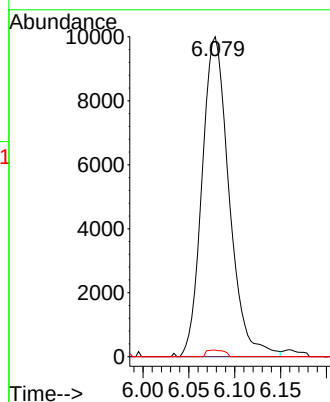
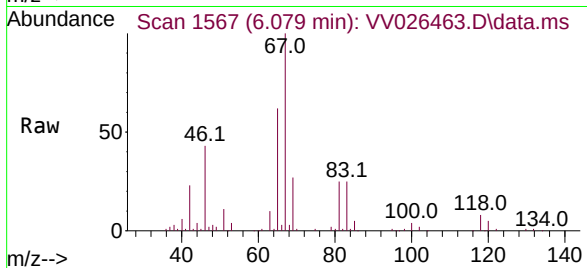
Tgt Ion: 83 Resp: 20549

Ion Ratio Lower Upper

83 100

55 0.0 59.3 88.9#

98 0.0 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.729 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.103 min

Lab File: VV026463.D

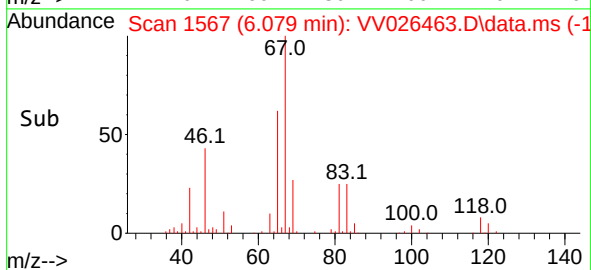
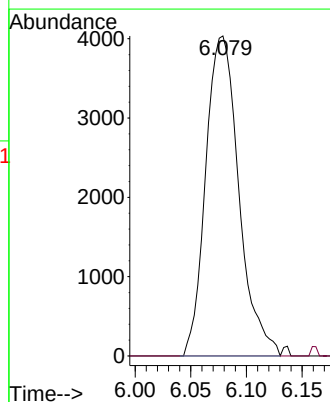
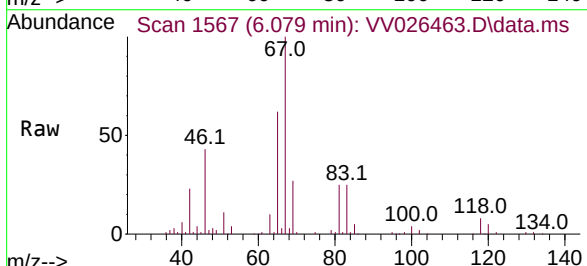
Acq: 20 Jun 2022 22:12

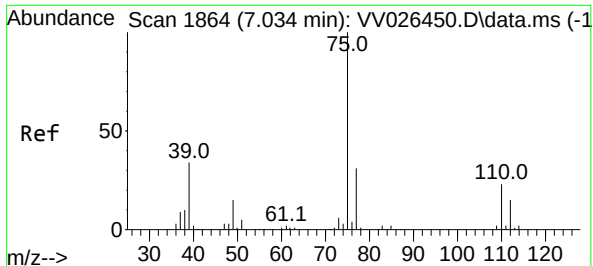
Tgt Ion: 63 Resp: 8361

Ion Ratio Lower Upper

63 100

112 0.6 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.995 min Scan# 1148

Delta R.T. -0.039 min

Lab File: VV026463.D

Acq: 20 Jun 2022 22:12

Instrument :

MSVOA_V

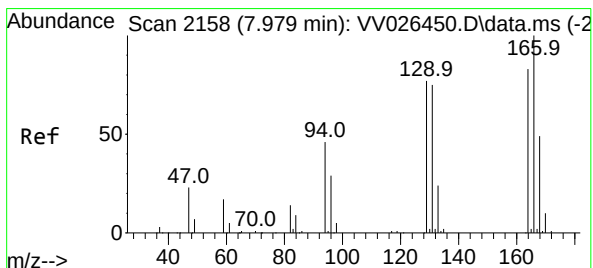
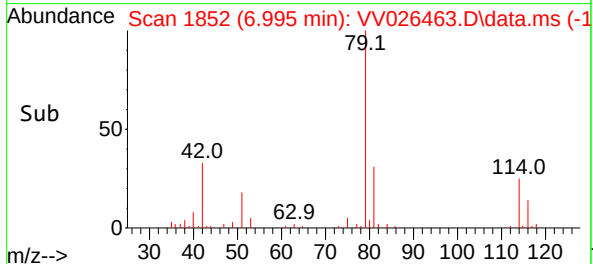
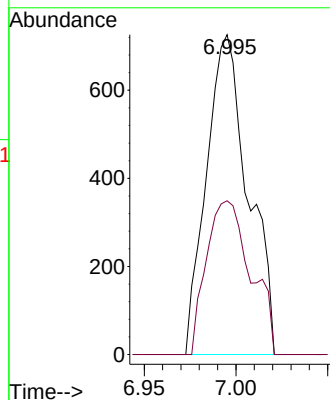
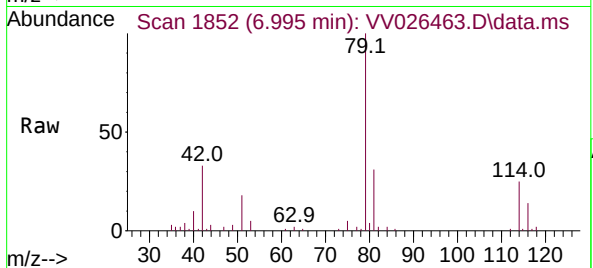
ClientSampleId :

Tgt Ion: 75 Resp: 1148

Ion Ratio Lower Upper

75 100

77 48.1 23.0 42.6#



#47

Tetrachloroethene

Concen: 0.051 ug/L

RT: 7.989 min Scan# 2161

Delta R.T. 0.010 min

Lab File: VV026463.D

Acq: 20 Jun 2022 22:12

Tgt Ion: 164 Resp: 449

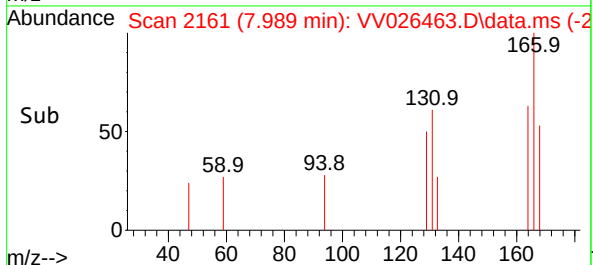
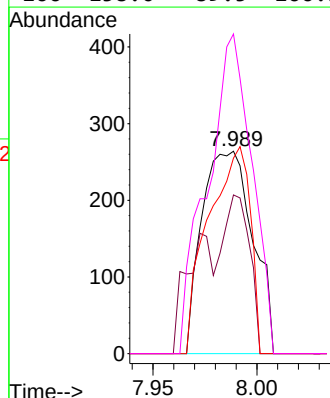
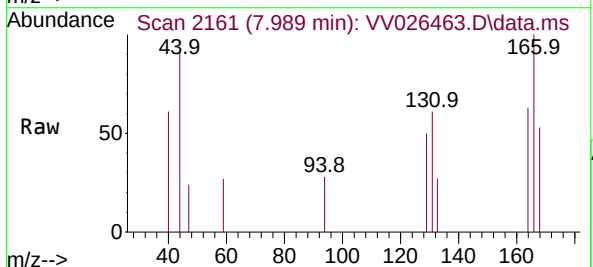
Ion Ratio Lower Upper

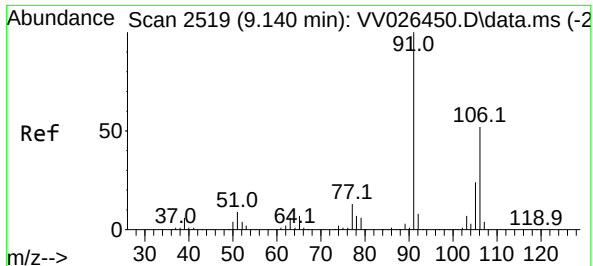
164 100

129 78.4 67.5 125.3

131 96.6 63.8 118.4

166 158.0 89.5 166.3

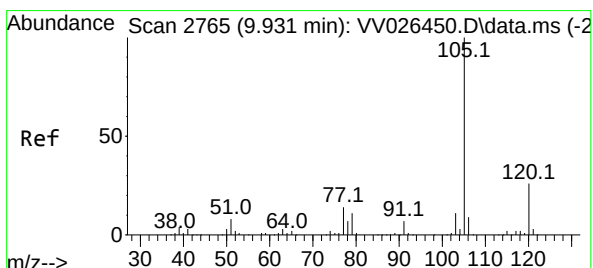
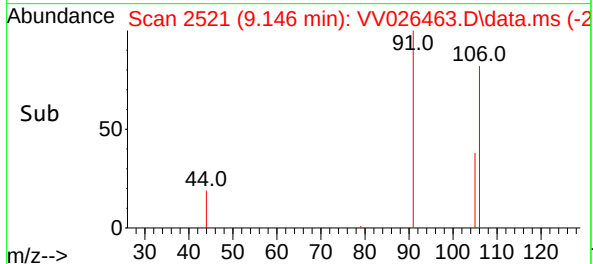
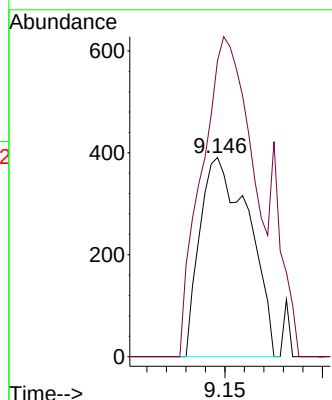
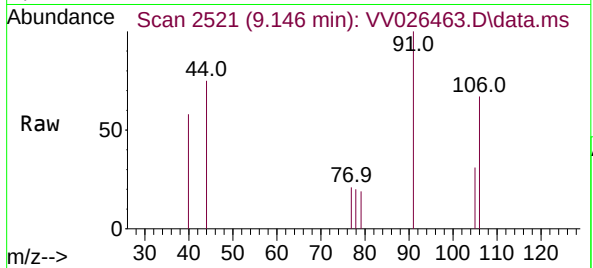




#53
 m,p-Xylene
 Concen: 0.038 ug/L
 RT: 9.146 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV026463.D
 Acq: 20 Jun 2022 22:12

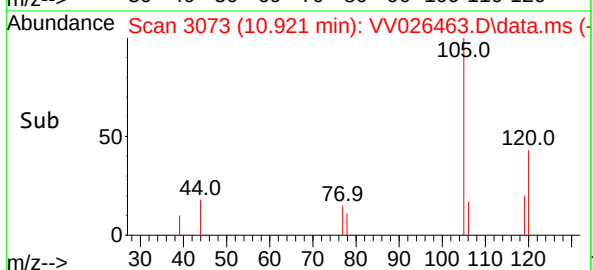
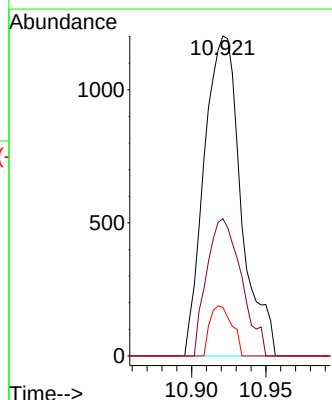
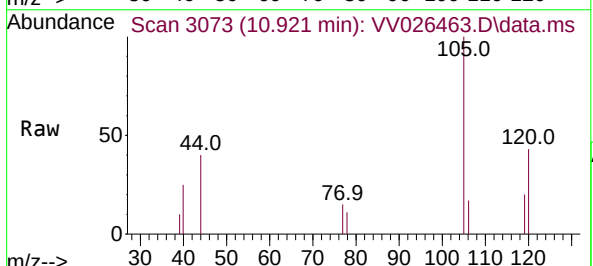
Instrument :
 MSVOA_V
 ClientSampleId :

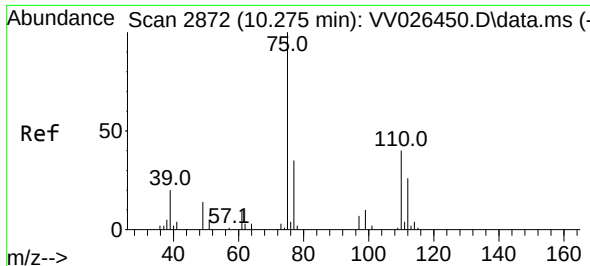
Tgt Ion:106 Resp: 681
 Ion Ratio Lower Upper
 106 100
 91 148.6 141.3 262.3



#60
 Isopropylbenzene
 Concen: 0.054 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.990 min
 Lab File: VV026463.D
 Acq: 20 Jun 2022 22:12

Tgt Ion:105 Resp: 2081
 Ion Ratio Lower Upper
 105 100
 120 40.1 21.5 32.3#
 77 9.4 12.2 18.4#

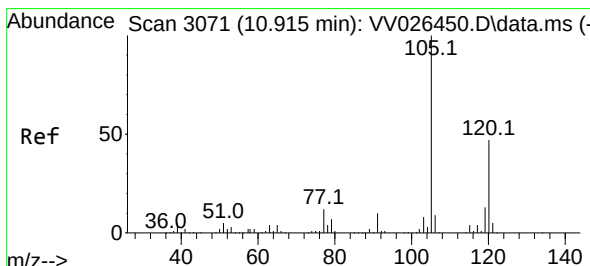
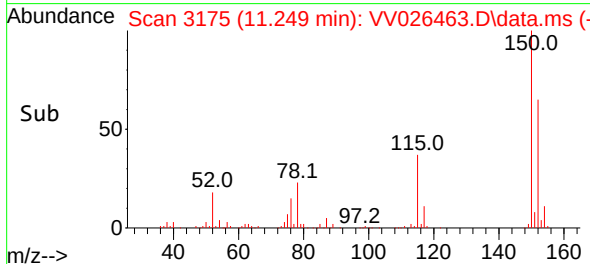
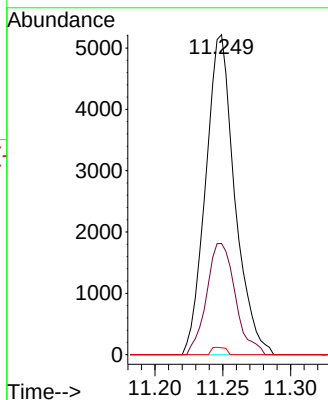
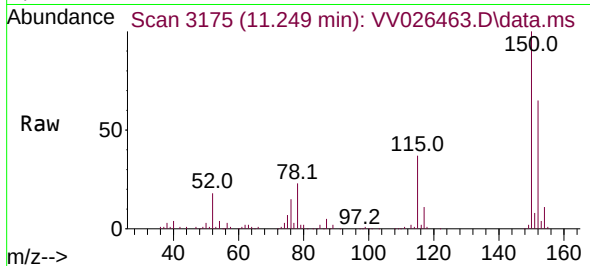




#61
1,2,3-Trichloropropane
Concen: 1.670 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV026463.D
Acq: 20 Jun 2022 22:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 7786
Ion Ratio Lower Upper
75 100
77 34.3 26.9 40.3
110 1.1 30.7 46.1#



#63
1,2,4-Trimethylbenzene
Concen: 0.069 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VV026463.D
Acq: 20 Jun 2022 22:12

Tgt Ion: 105 Resp: 2081
Ion Ratio Lower Upper
105 100
120 40.1 36.9 55.3

