

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040622\
 Data File : VW025365.D
 Acq On : 06 Apr 2022 15:48
 Operator : SY/MD
 Sample : N2291-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B28

Quant Time: Apr 07 01:27:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 07 01:24:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	138915	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	138723	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59009	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56812	4.378	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.568	69	56103	5.152	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	2.108	63	88276	3.141	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	3.880	46	80823	62.530	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.060%
24) Chloroform-d	4.349	84	95790	5.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.200%
26) 1,2-Dichloroethane-d4	5.034	65	43154	5.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.400%
32) Benzene-d6	5.050	84	177546	5.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.069	67	55501	5.643	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.800%
41) Toluene-d8	7.317	98	150964	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	7.625	79	15624	4.869	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.088	63	66569	57.444	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36080	5.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	54547	5.756	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.200%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.754	101	151640	6.137	ug/L	98
12) 1,1-Dichloroethene	2.111	96	1147	0.082	ug/L #	1
22) cis-1,2-Dichloroethene	3.921	96	16465	1.615	ug/L	90
25) Chloroform	4.381	83	3506	0.189	ug/L	95
27) 1,2-Dichloroethane	5.047	62	835	0.087	ug/L #	73
31) Carbon tetrachloride	4.831	117	2031	0.140	ug/L	94
34) Trichloroethene	5.912	95	221546	19.829	ug/L	96
35) Methylcyclohexane	6.072	83	14153	0.808	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	6007	0.636	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	1312	0.107	ug/L #	56
44) trans-1,3-Dichloropropene	7.622	75	827	0.086	ug/L	96
45) 1,1,2-Trichloroethane	7.857	97	526	0.081	ug/L #	62
47) Tetrachloroethene	7.976	164	282453	34.282	ug/L	96
49) Dibromochloromethane	7.973	129	262346	37.723	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	6639	1.487	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.259	75	105	0.131	ug/L #	1

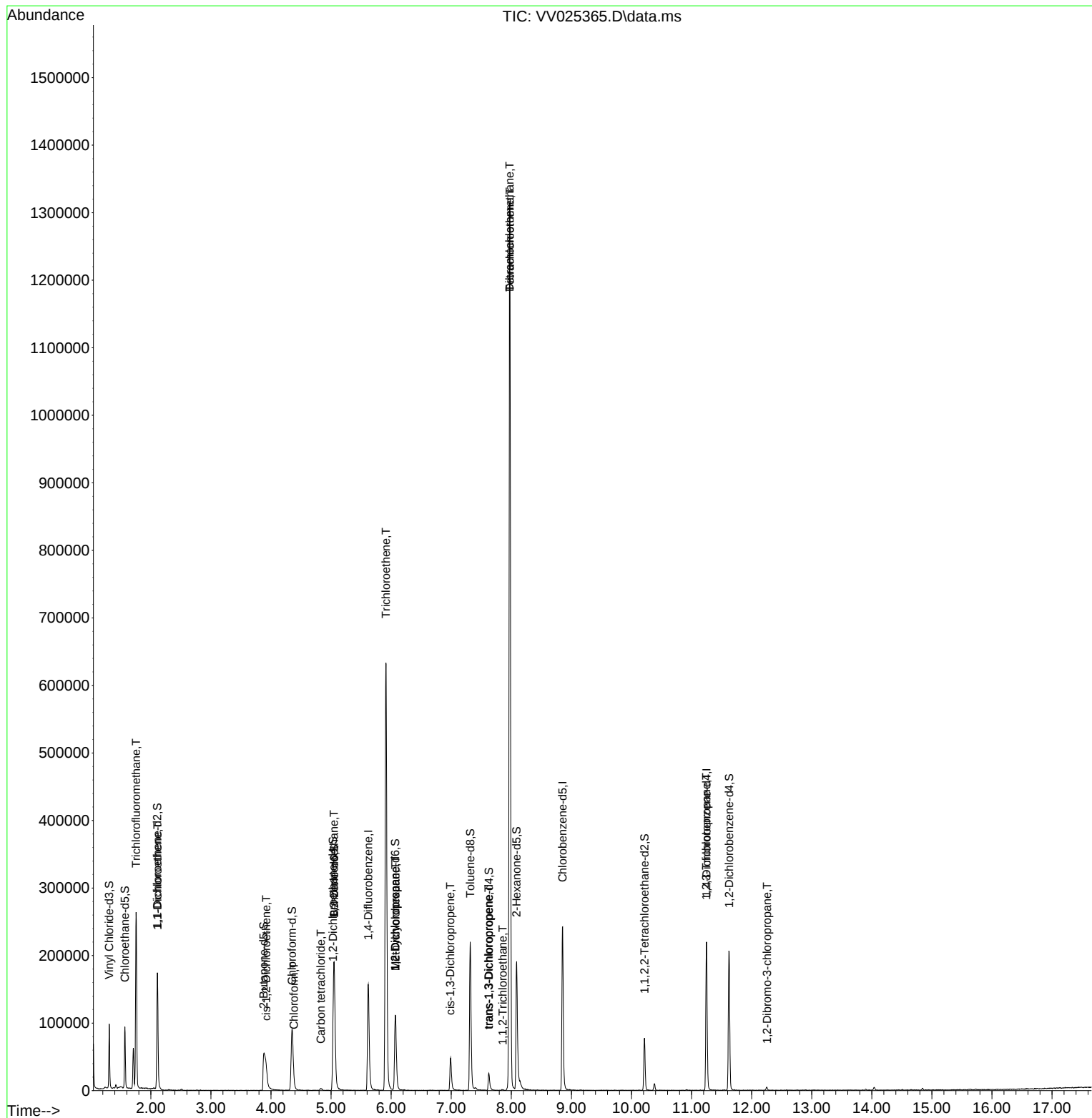
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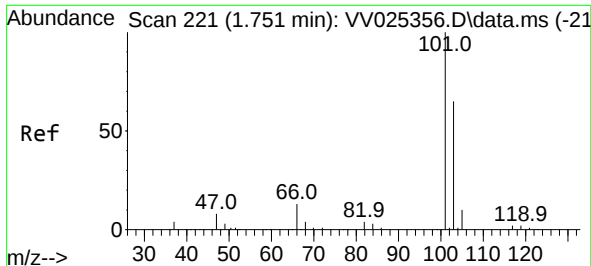
Instrument :
MSVOA_V
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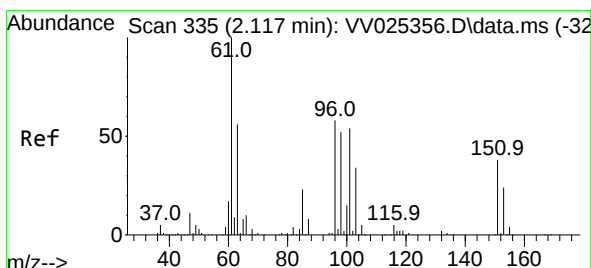
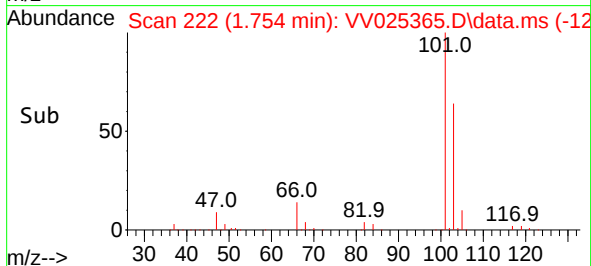
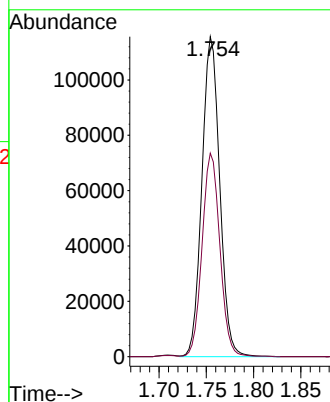
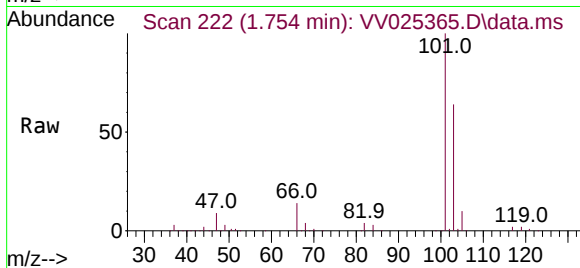




#9
Trichlorofluoromethane
Concen: 6.137 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025365.D
Acq: 06 Apr 2022 15:48

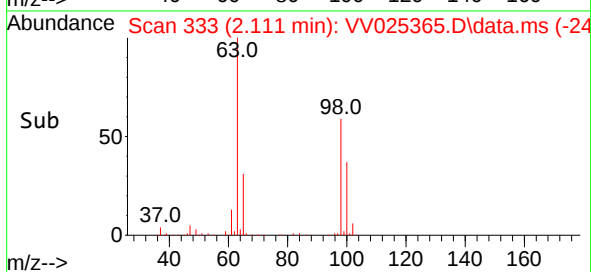
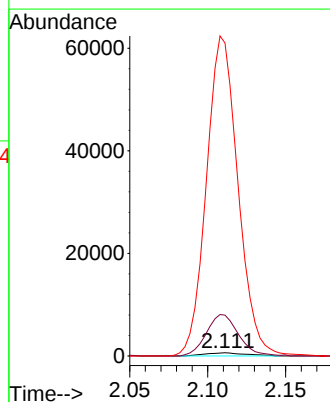
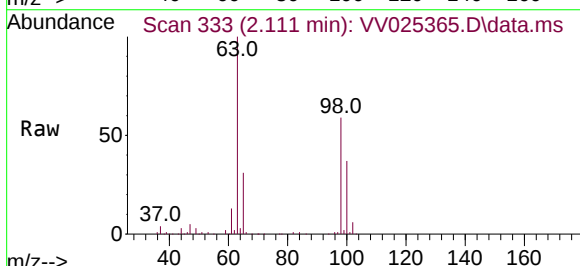
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MSVOA_V
ClientSampleId :
C0B28

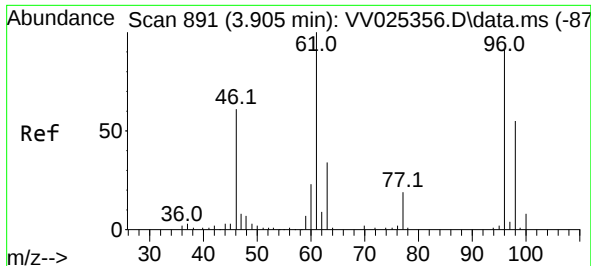
Tgt Ion:101 Resp: 151640
Ion Ratio Lower Upper
101 100
103 63.5 52.2 78.2



#12
1,1-Dichloroethene
Concen: 0.082 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV025365.D
Acq: 06 Apr 2022 15:48

Tgt Ion: 96 Resp: 1147
Ion Ratio Lower Upper
96 100
61 1302.0 121.5 225.7#
63 9971.2 77.9 144.7#

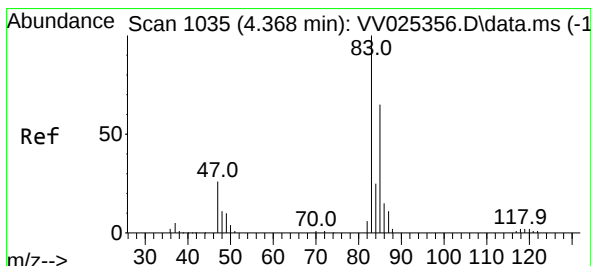
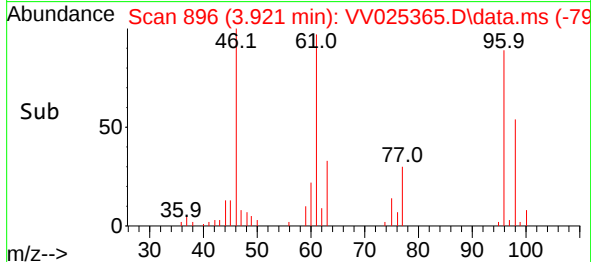
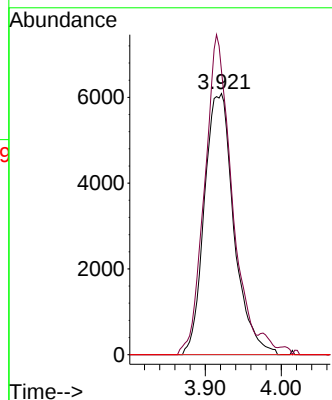
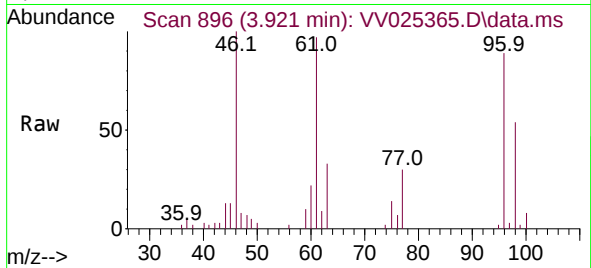




#22
 cis-1,2-Dichloroethene
 Concen: 1.615 ug/L
 RT: 3.921 min Scan# 891
 Delta R.T. 0.016 min
 Lab File: VV025365.D
 Acq: 06 Apr 2022 15:48

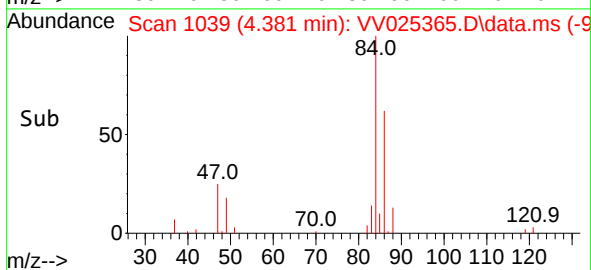
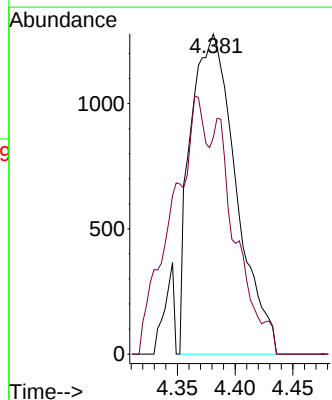
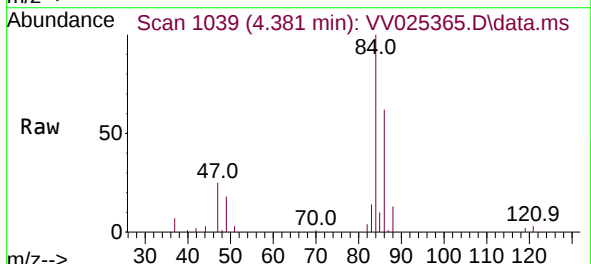
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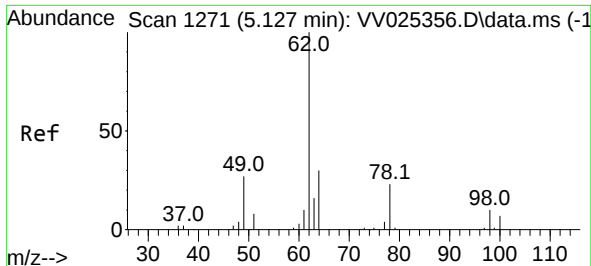
Tgt Ion: 96 Resp: 16465
 Ion Ratio Lower Upper
 96 100
 61 108.7 84.1 156.1
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.189 ug/L
 RT: 4.381 min Scan# 1039
 Delta R.T. 0.013 min
 Lab File: VV025365.D
 Acq: 06 Apr 2022 15:48

Tgt Ion: 83 Resp: 3506
 Ion Ratio Lower Upper
 83 100
 85 67.7 44.7 82.9





#27

1,2-Dichloroethane

Concen: 0.087 ug/L

RT: 5.047 min Scan# 1179

Delta R.T. -0.080 min

Lab File: VV025365.D

Acq: 06 Apr 2022 15:48

Instrument :

MSVOA_V

ClientSampleId :

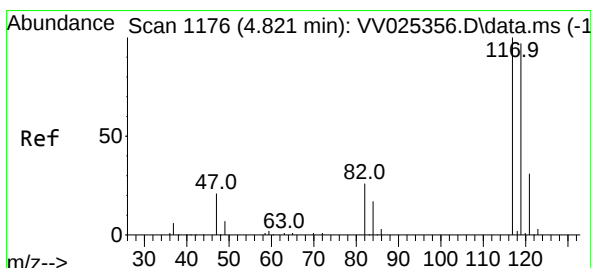
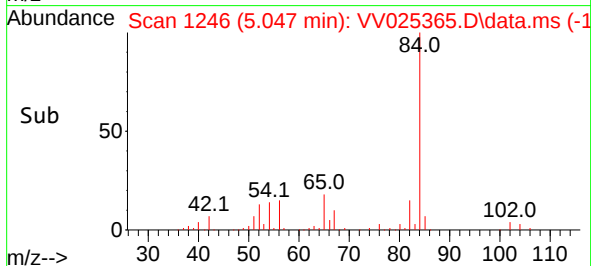
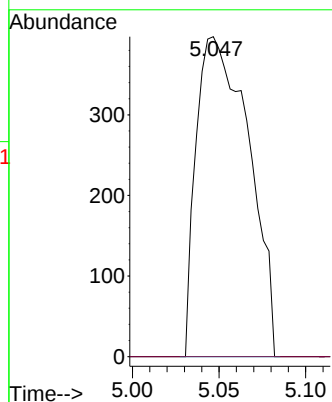
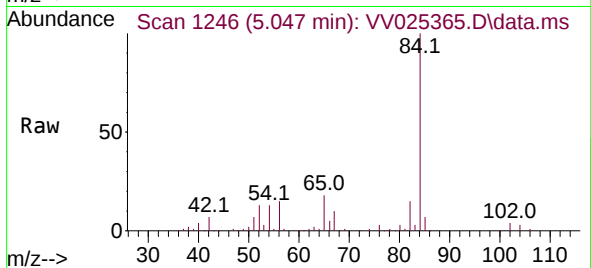
C0B28

Tgt Ion: 62 Resp: 835

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#31

Carbon tetrachloride

Concen: 0.140 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. 0.010 min

Lab File: VV025365.D

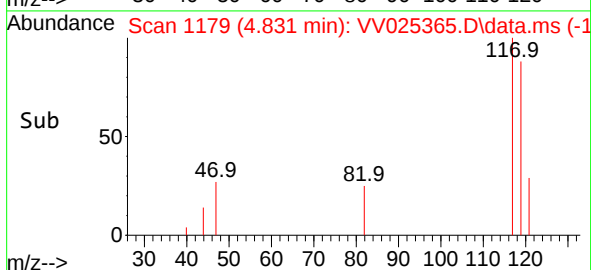
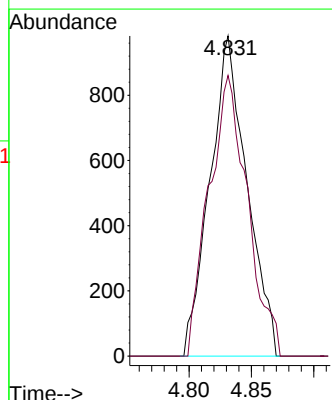
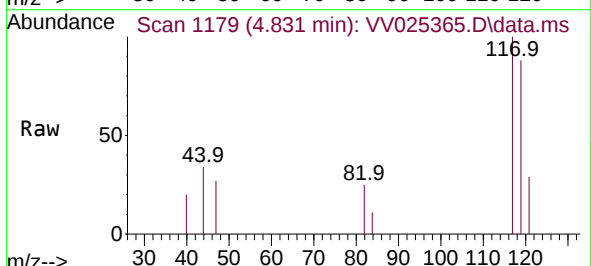
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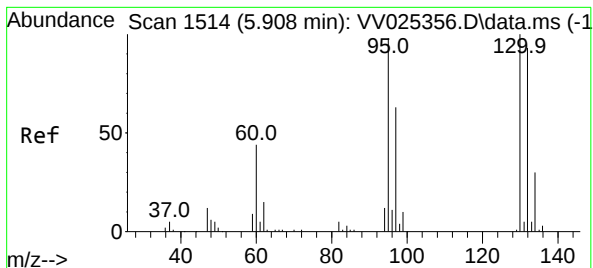
Tgt Ion: 117 Resp: 2031

Ion Ratio Lower Upper

117 100

119 91.3 77.8 116.6





#34

Trichloroethene

Concen: 19.829 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025365.D

Acq: 06 Apr 2022 15:48

Instrument :

MSVOA_V

ClientSampleId :

C0B28

Tgt Ion: 95 Resp: 221546

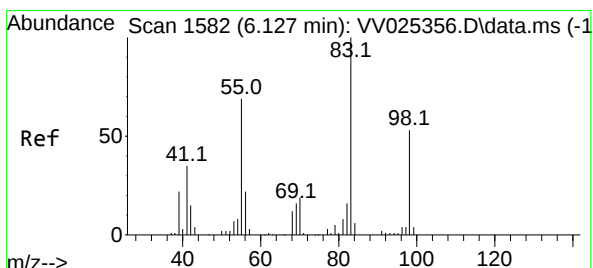
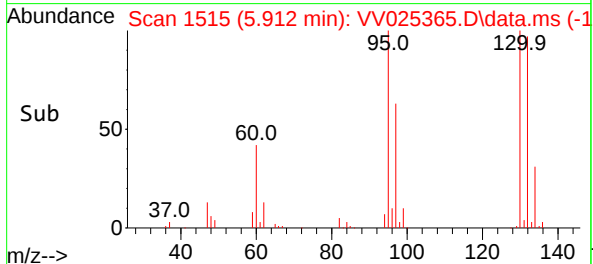
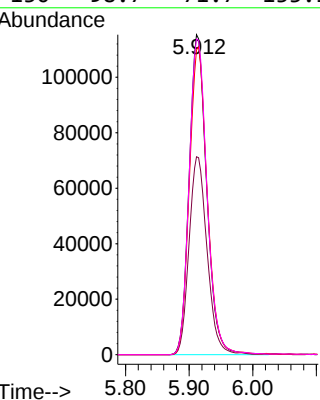
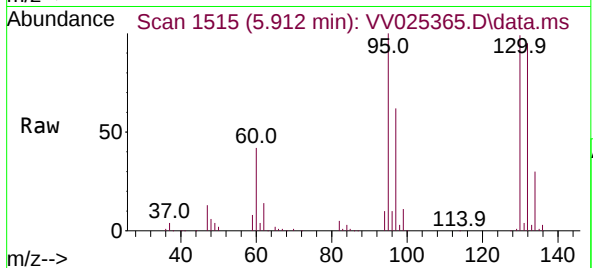
Ion Ratio Lower Upper

95 100

97 61.9 46.3 85.9

132 95.3 65.2 121.2

130 98.7 71.7 133.1



#35

Methylcyclohexane

Concen: 0.808 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.054 min

Lab File: VV025365.D

Acq: 06 Apr 2022 15:48

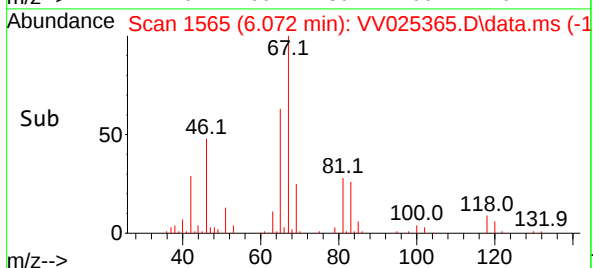
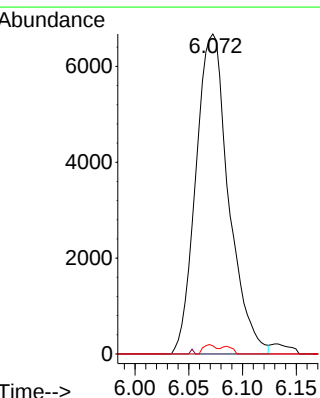
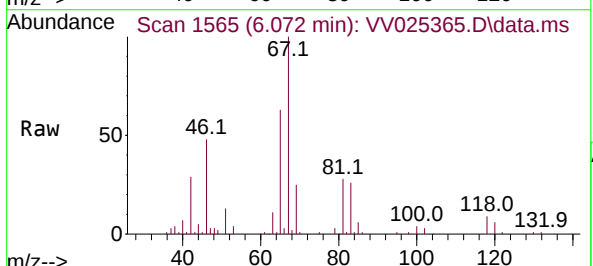
Tgt Ion: 83 Resp: 14153

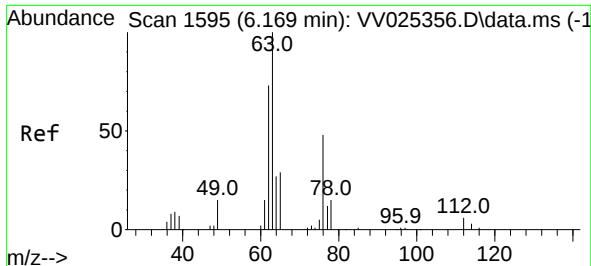
Ion Ratio Lower Upper

83 100

55 0.1 54.6 81.8#

98 0.0 39.8 59.6#





#37

1,2-Dichloropropane

Concen: 0.636 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV025365.D

Acq: 06 Apr 2022 15:48

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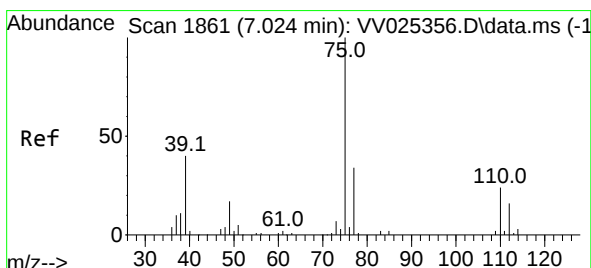
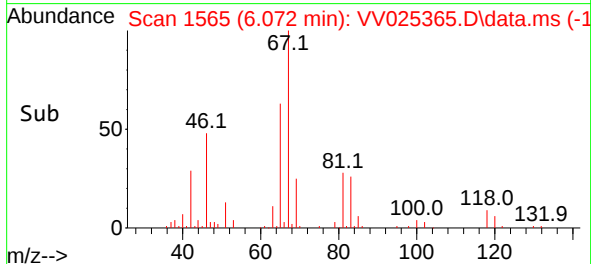
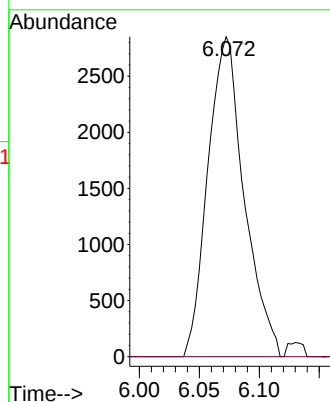
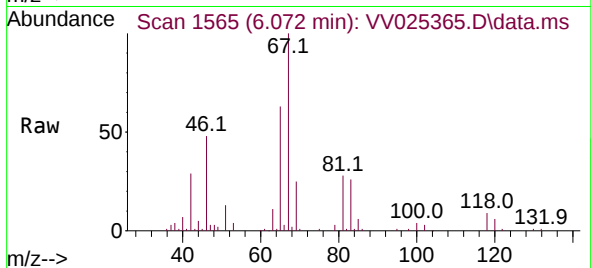
C0B28

Tgt Ion: 63 Resp: 6007

Ion Ratio Lower Upper

63 100

112 0.3 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV025365.D

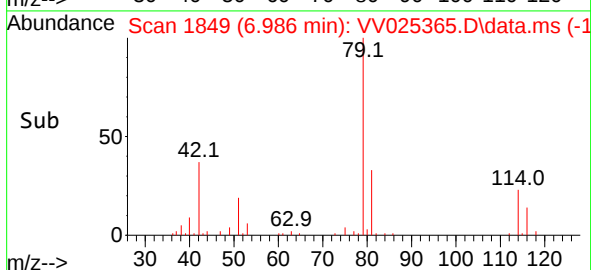
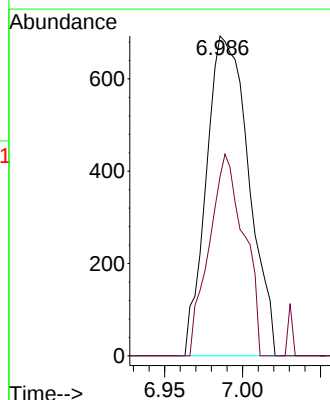
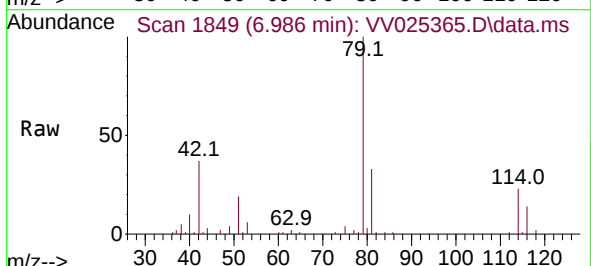
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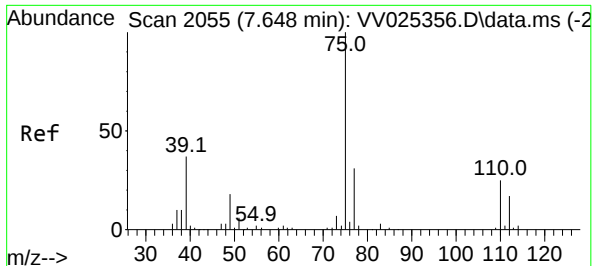
Tgt Ion: 75 Resp: 1312

Ion Ratio Lower Upper

75 100

77 56.0 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.622 min Scan# 210

Delta R.T. -0.026 min

Lab File: VV025365.D

Acq: 06 Apr 2022 15:48

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ClientSampleId :

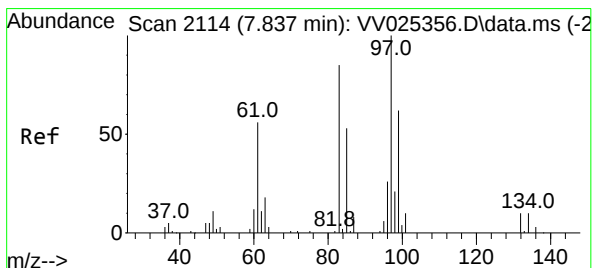
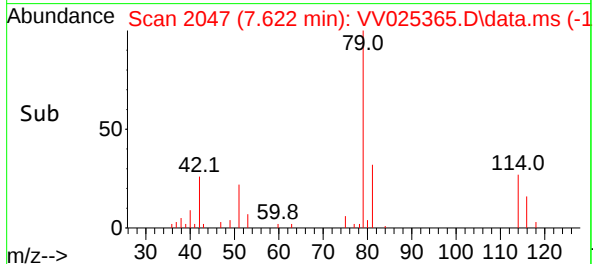
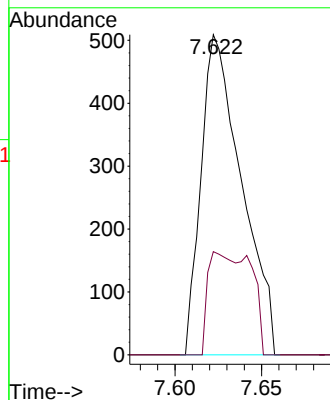
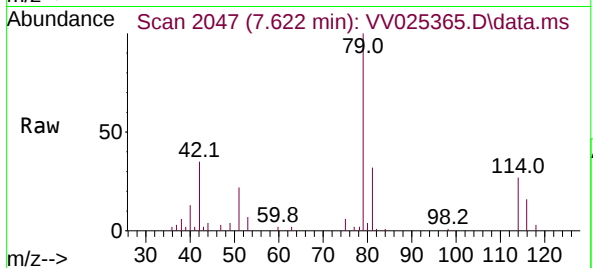
C0B28

Tgt Ion: 75 Resp: 827

Ion Ratio Lower Upper

75 100

77 32.2 24.2 45.0



#45

1,1,2-Trichloroethane

Concen: 0.081 ug/L

RT: 7.857 min Scan# 2120

Delta R.T. 0.019 min

Lab File: VV025365.D

Acq: 06 Apr 2022 15:48

Tgt Ion: 97 Resp: 526

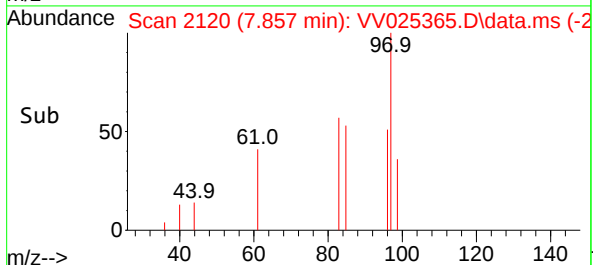
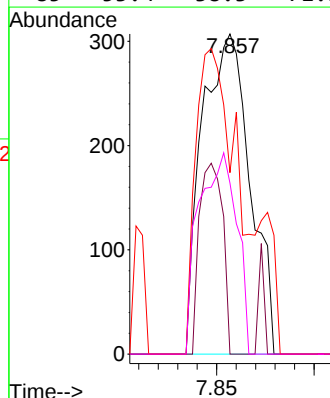
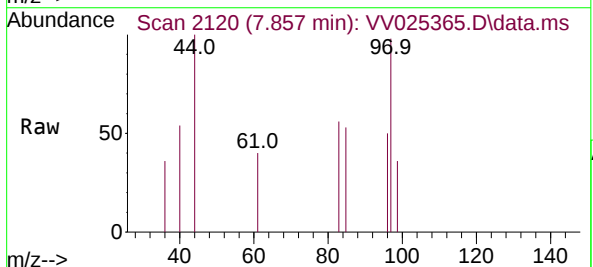
Ion Ratio Lower Upper

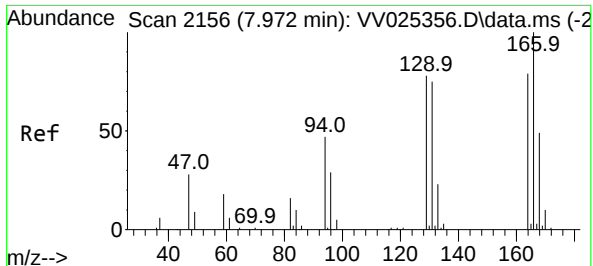
97 100

99 0.0 43.3 80.5#

83 56.7 58.0 107.6#

85 53.4 38.3 71.1





#47

Tetrachloroethene

Concen: 34.282 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

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Acq: 06 Apr 2022 15:48

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ClientSampleId :

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Tgt Ion:164 Resp: 282453

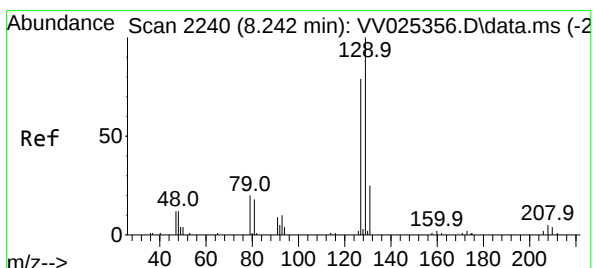
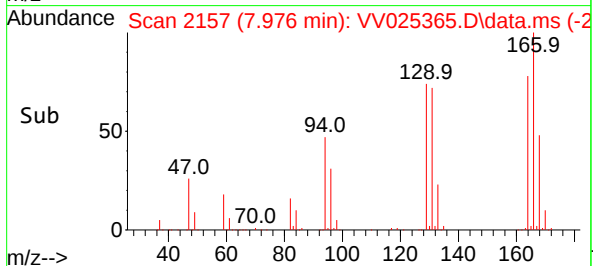
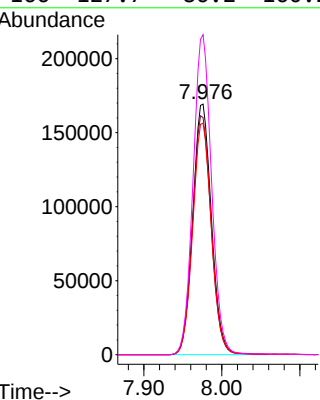
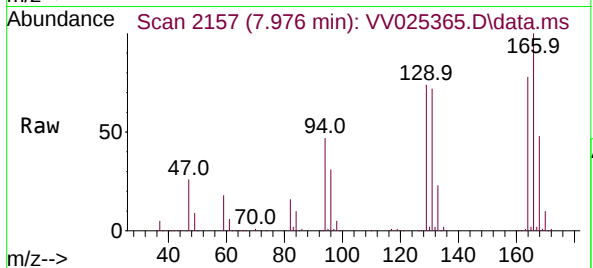
Ion Ratio Lower Upper

164 100

129 94.7 67.5 125.4

131 92.4 68.0 126.4

166 127.7 86.2 160.2



#49

Dibromochloromethane

Concen: 37.723 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV025365.D

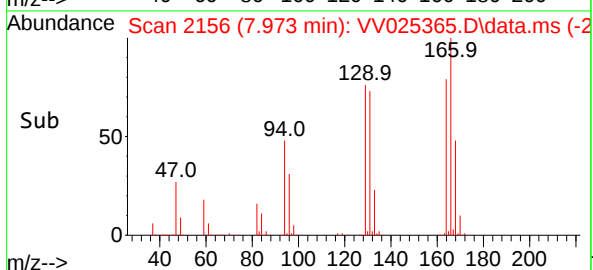
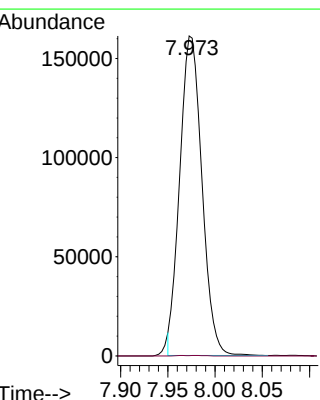
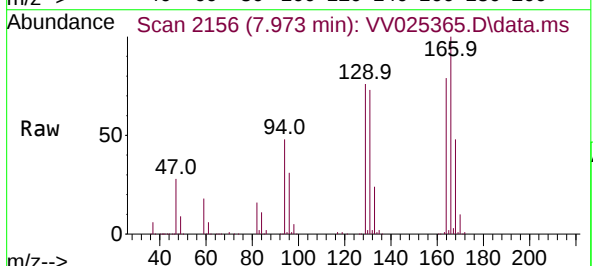
Acq: 06 Apr 2022 15:48

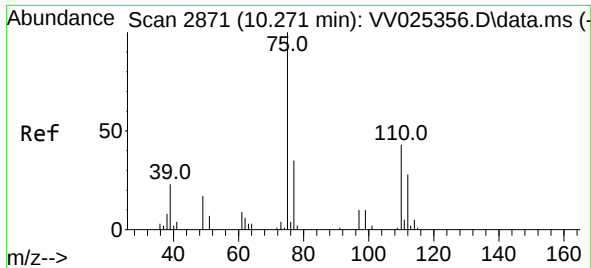
Tgt Ion:129 Resp: 262346

Ion Ratio Lower Upper

129 100

127 0.1 54.1 100.5#

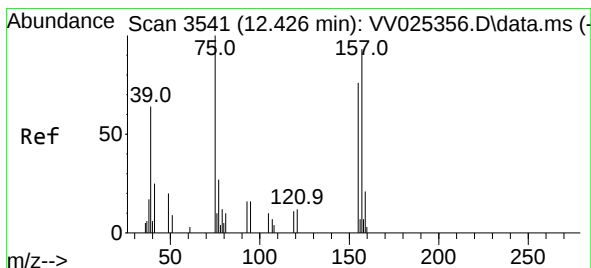
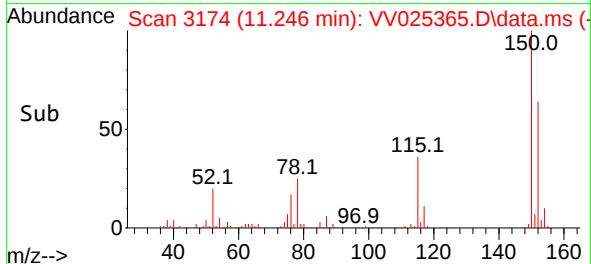
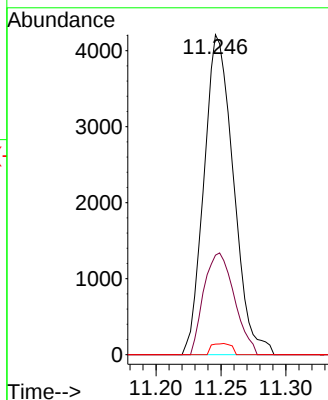
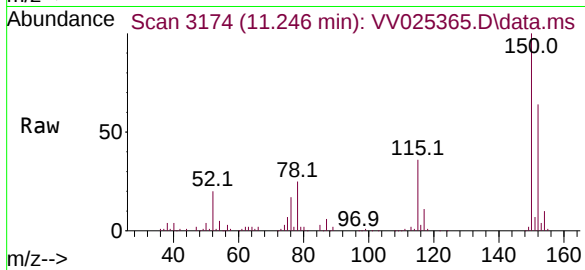




#61
1,2,3-Trichloropropane
Concen: 1.487 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025365.D
Acq: 06 Apr 2022 15:48

Instrument :
MSVOA_V
ClientSampleId :
C0B28

Tgt Ion: 75 Resp: 6639
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.6
110 2.3 31.6 47.4#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.131 ug/L
RT: 12.259 min Scan# 3489
Delta R.T. -0.167 min
Lab File: VV025365.D
Acq: 06 Apr 2022 15:48

Tgt Ion: 75 Resp: 105
Ion Ratio Lower Upper
75 100
155 0.0 80.0 120.0#
157 0.0 94.5 141.7#

