

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026356.D
 Acq On : 17 Jun 2022 00:52
 Operator : SY/MD
 Sample : N3318-18
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ72

Quant Time: Jun 17 07:20:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 06:57:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	190560	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	186674	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76202	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	58619	3.542	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.800%	
7) Chloroethane-d5	1.581	69	53505	4.111	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.200%	
11) 1,1-Dichloroethene-d2	2.127	63	284588	10.013	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	200.200%#	
20) 2-Butanone-d5	3.918	46	90516	56.046	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.100%	
24) Chloroform-d	4.359	84	116299	4.794	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/L	
Spiked Amount	5.000	Range 70 - 130	Recovery	=	0.000%#	
32) Benzene-d6	5.059	84	216599	4.340	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
36) 1,2-Dichloropropane-d6	6.079	67	71246	4.891	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.800%	
41) Toluene-d8	7.320	98	174080	3.825	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.600%	
43) trans-1,3-Dichloroprop...	7.628	79	14373	3.043	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	60.800%	
46) 2-Hexanone-d5	8.091	63	62612	43.884	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.760%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44328	4.940	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	57857	4.929	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	628	0.040	ug/L #	78
5) Vinyl chloride	1.323	62	1347	0.082	ug/L #	1
8) Chloroethane	1.323	64	2324	0.228	ug/L	85
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	1585	0.120	ug/L #	30
12) 1,1-Dichloroethene	2.130	96	381309	31.672	ug/L #	73
14) Carbon disulfide	2.310	76	3202	0.108	ug/L	95
16) Methylene chloride	2.519	84	38399	2.500	ug/L	99
17) Methyl tert-butyl Ether	2.783	73	2653	0.128	ug/L #	88
18) trans-1,2-Dichloroethene	2.777	96	4087	0.350	ug/L	97
19) 1,1-Dichloroethane	3.201	63	1506866	67.671	ug/L	98
22) cis-1,2-Dichloroethene	3.924	96	120304	10.184	ug/L	97
25) Chloroform	4.384	83	1659	0.069	ug/L #	73
27) 1,2-Dichloroethane	5.149	62	5799	0.527	ug/L #	93
33) Benzene	5.111	78	3281	0.069	ug/L	100
34) Trichloroethene	5.918	95	333017	25.487	ug/L	98
35) Methylcyclohexane	6.075	83	17010	0.941	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	8048	0.643	ug/L #	89
39) cis-1,3-Dichloropropene	6.992	75	1067	0.075	ug/L #	42
53) m,p-Xylene	9.146	106	1516	0.077	ug/L	68

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QLast Update : Fri Jun 17 06:57:04 2022
Response via : Initial Calibration

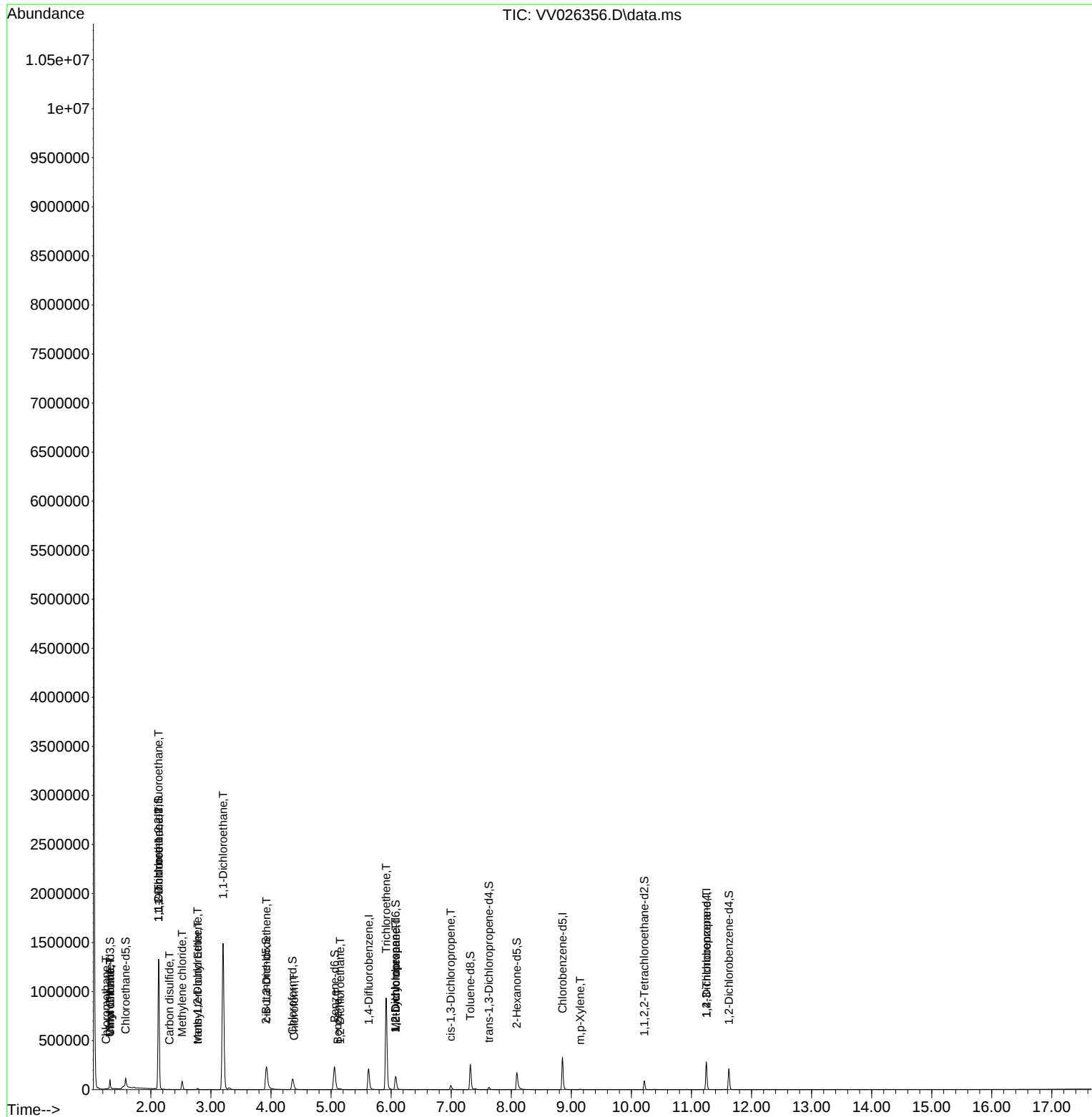
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2,3-Trichloropropane	11.249	75	8041	1.626	ug/L #	68

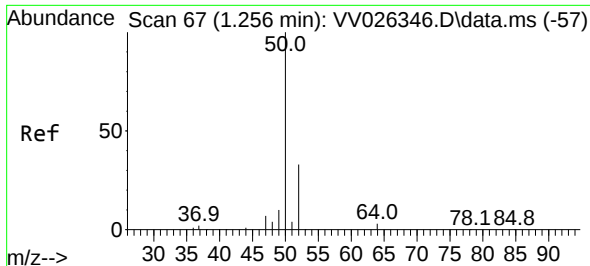
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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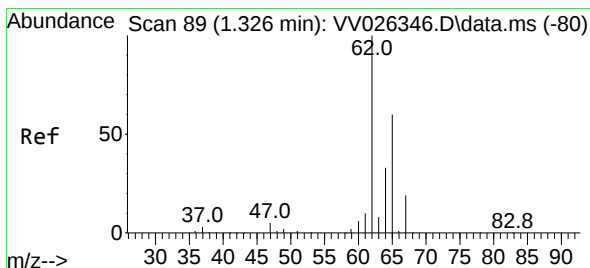
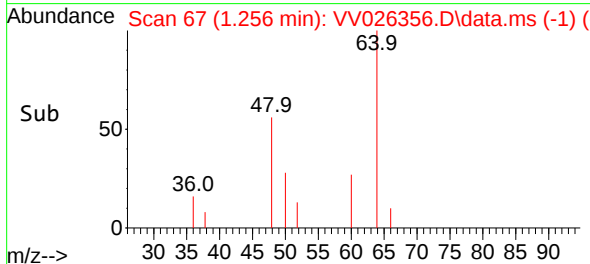
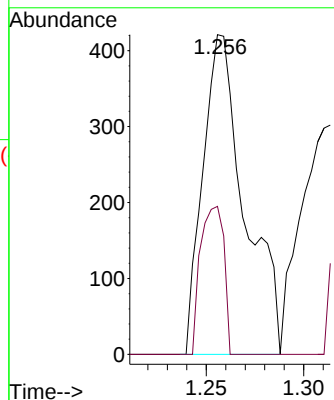
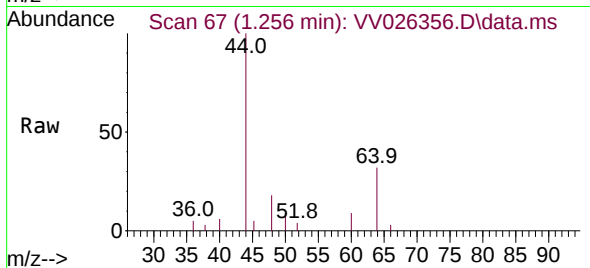




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV026356.D
Acq: 17 Jun 2022 00:52

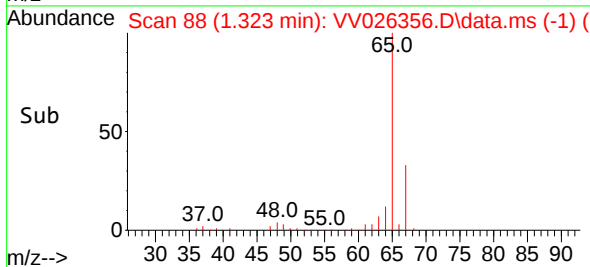
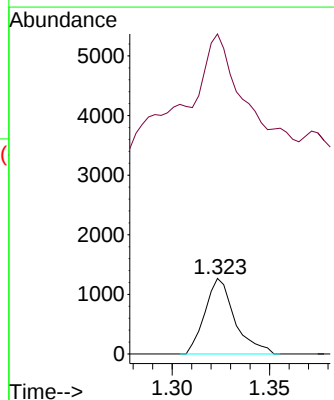
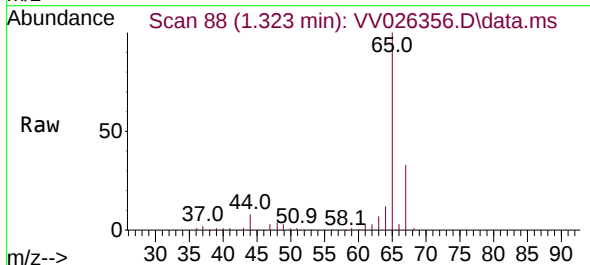
Instrument :
MSVOA_V
ClientSampleId :
BGJ72

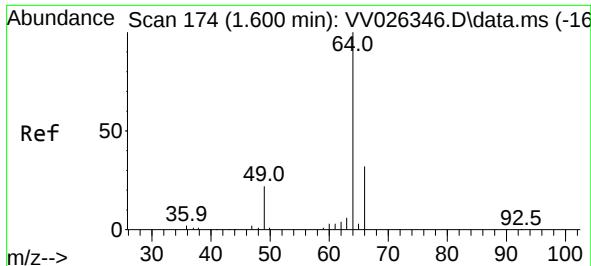
Tgt Ion: 50 Resp: 628
Ion Ratio Lower Upper
50 100
52 46.3 23.7 44.1#



#5
Vinyl chloride
Concen: 0.082 ug/L
RT: 1.323 min Scan# 88
Delta R.T. -0.003 min
Lab File: VV026356.D
Acq: 17 Jun 2022 00:52

Tgt Ion: 62 Resp: 1347
Ion Ratio Lower Upper
62 100
64 423.8 23.2 43.2#

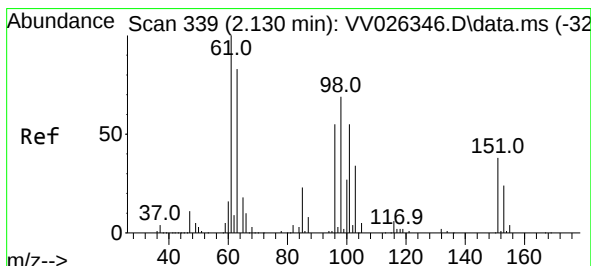
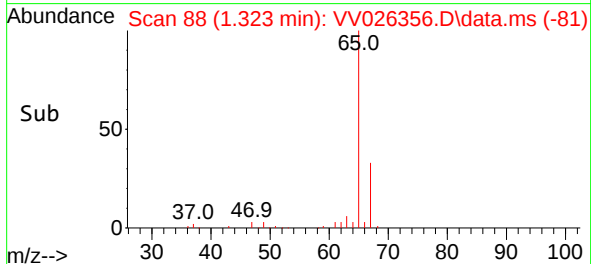
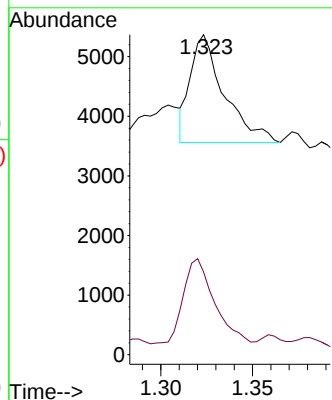
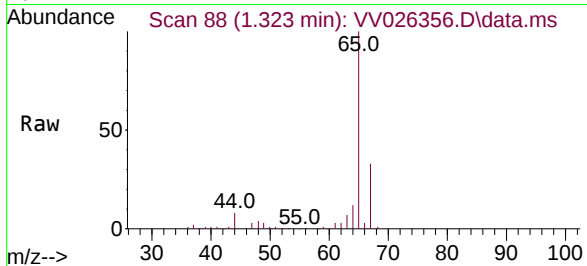




#8
Chloroethane
Concen: 0.228 ug/L
RT: 1.323 min Scan# 81
Delta R.T. -0.276 min
Lab File: VV026356.D
Acq: 17 Jun 2022 00:52

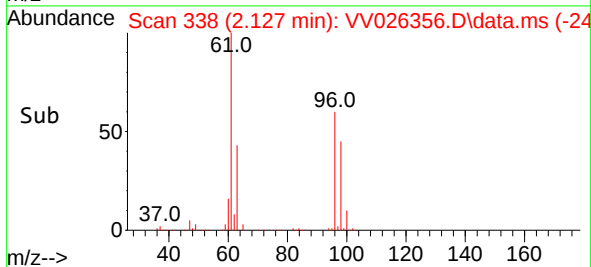
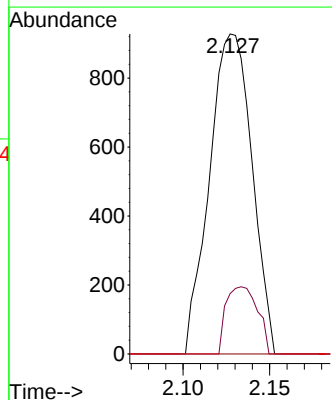
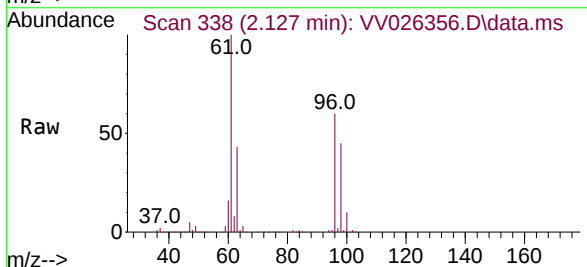
Instrument :
MSVOA_V
ClientSampleId :
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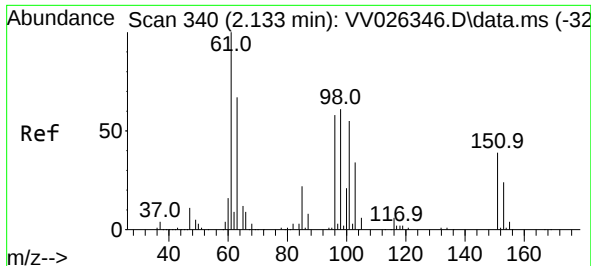
Tgt Ion: 64 Resp: 2324
Ion Ratio Lower Upper
64 100
66 25.9 24.1 44.7



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.120 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.003 min
Lab File: VV026356.D
Acq: 17 Jun 2022 00:52

Tgt Ion: 101 Resp: 1585
Ion Ratio Lower Upper
101 100
85 15.5 35.3 52.9#
151 0.0 56.8 85.2#





#12

1,1-Dichloroethene

Concen: 31.672 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV026356.D

Acq: 17 Jun 2022 00:52

Instrument :

MSVOA_V

ClientSampleId :

BGJ72

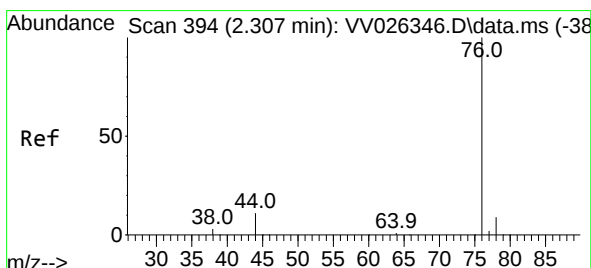
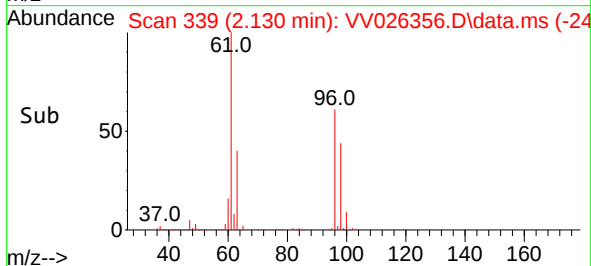
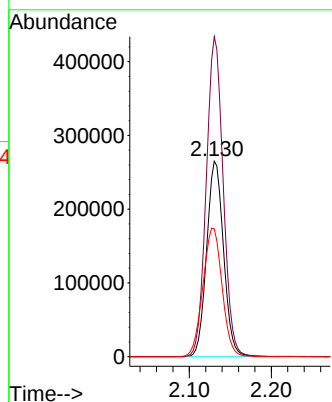
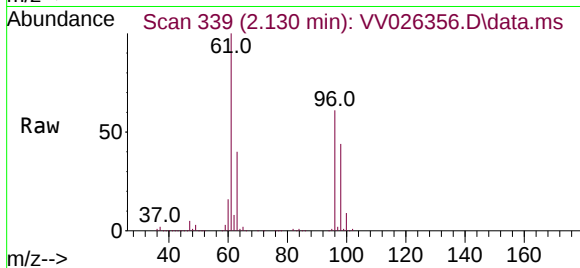
Tgt Ion: 96 Resp: 381309

Ion Ratio Lower Upper

96 100

61 163.7 117.1 217.5

63 65.4 92.8 172.4#



#14

Carbon disulfide

Concen: 0.108 ug/L

RT: 2.310 min Scan# 395

Delta R.T. 0.003 min

Lab File: VV026356.D

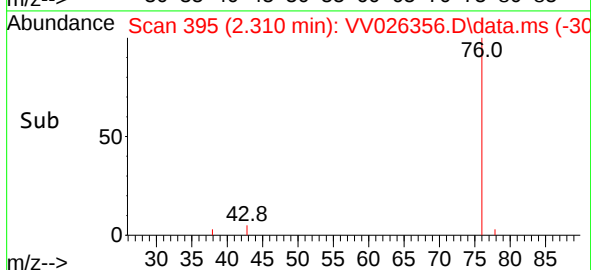
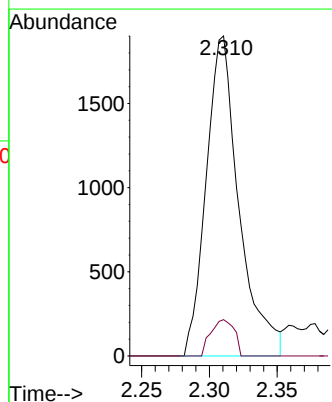
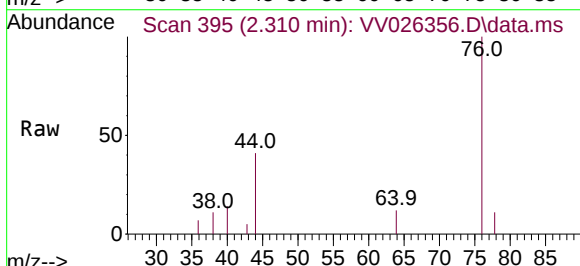
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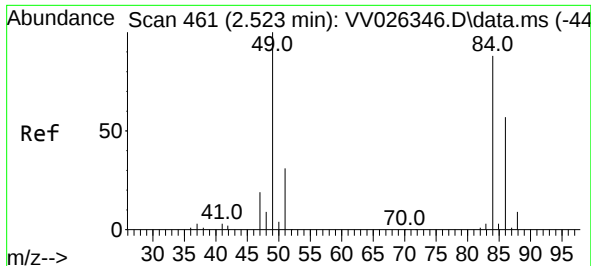
Tgt Ion: 76 Resp: 3202

Ion Ratio Lower Upper

76 100

78 11.4 7.7 11.5

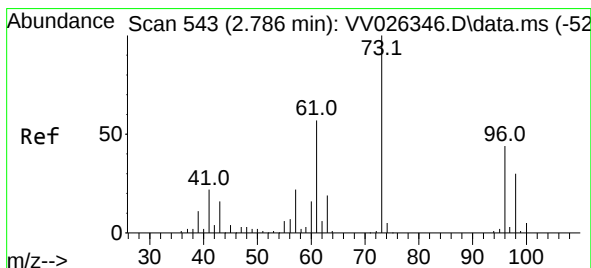
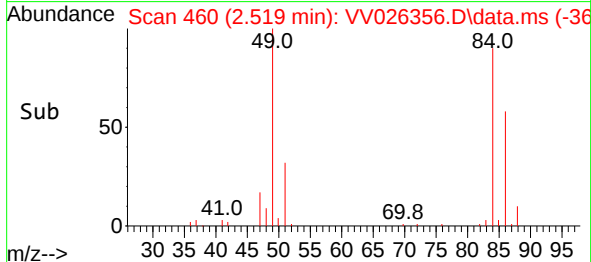
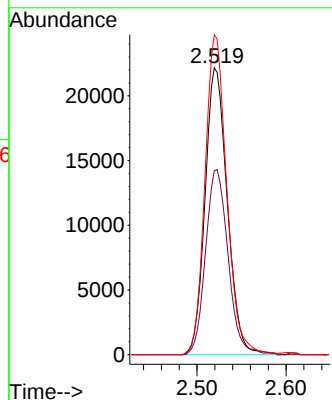
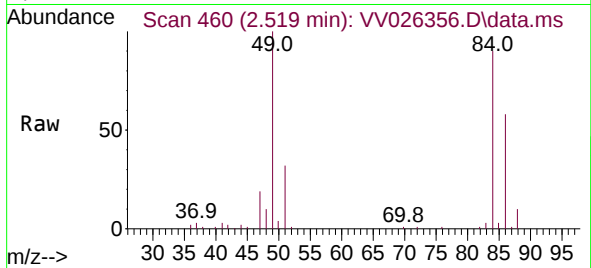




#16
Methylene chloride
Concen: 2.500 ug/L
RT: 2.519 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV026356.D
Acq: 17 Jun 2022 00:52

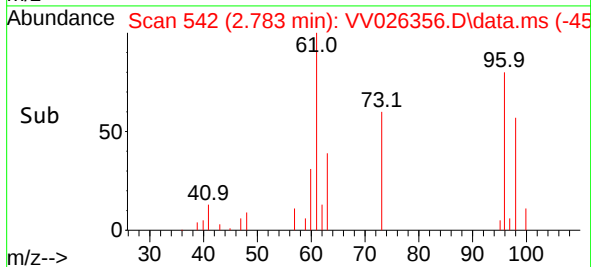
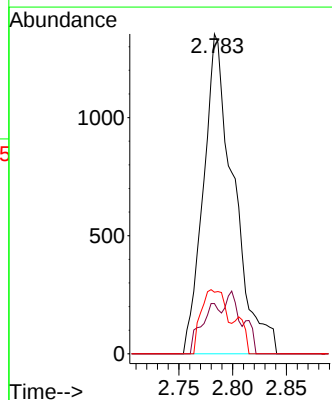
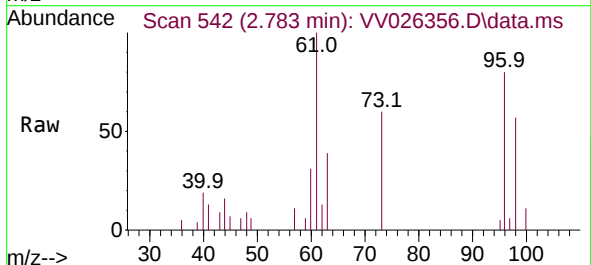
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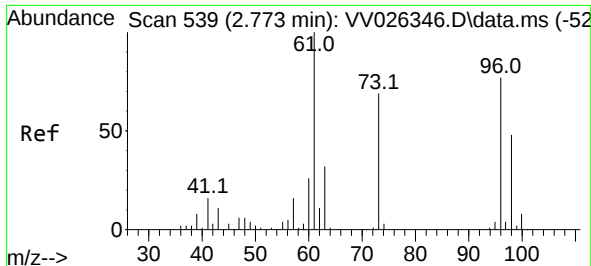
Tgt Ion: 84 Resp: 38399
Ion Ratio Lower Upper
84 100
86 64.2 44.0 81.8
49 111.6 77.3 143.7



#17
Methyl tert-butyl Ether
Concen: 0.128 ug/L
RT: 2.783 min Scan# 542
Delta R.T. -0.003 min
Lab File: VV026356.D
Acq: 17 Jun 2022 00:52

Tgt Ion: 73 Resp: 2653
Ion Ratio Lower Upper
73 100
43 10.2 13.0 19.6#
57 16.8 17.6 26.4#

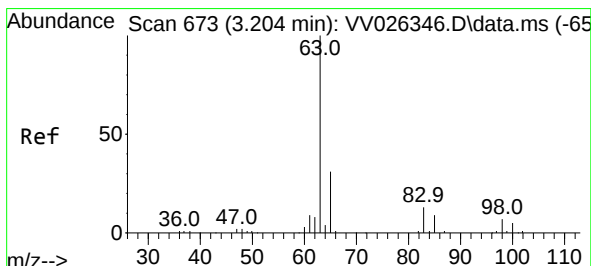
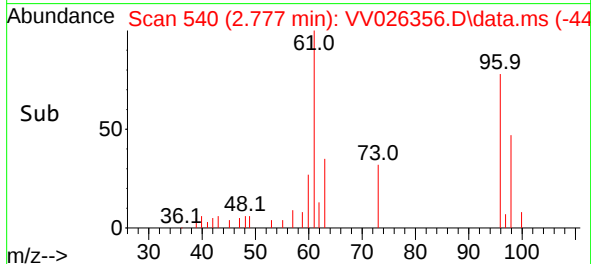
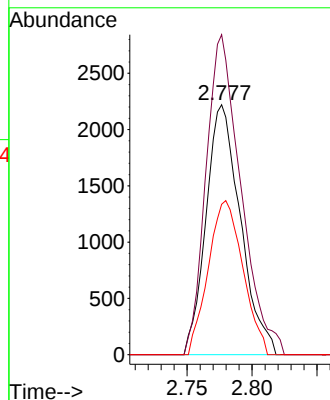
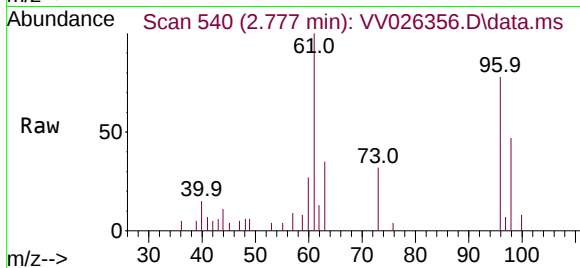




#18
trans-1,2-Dichloroethene
Concen: 0.350 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV026356.D
Acq: 17 Jun 2022 00:52

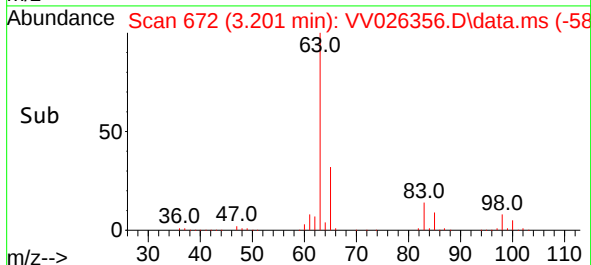
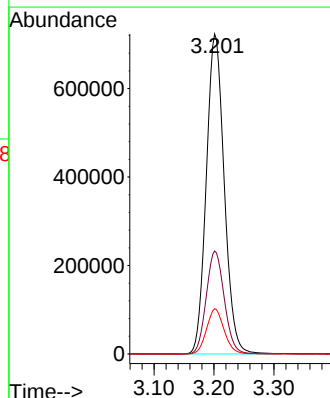
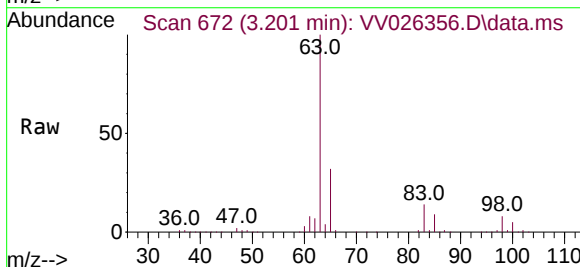
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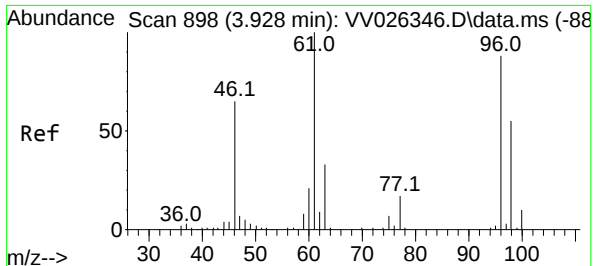
Tgt Ion: 96 Resp: 4087
Ion Ratio Lower Upper
96 100
61 128.1 91.3 169.6
98 60.2 45.3 84.1



#19
1,1-Dichloroethane
Concen: 67.671 ug/L
RT: 3.201 min Scan# 672
Delta R.T. -0.003 min
Lab File: VV026356.D
Acq: 17 Jun 2022 00:52

Tgt Ion: 63 Resp: 1506866
Ion Ratio Lower Upper
63 100
65 32.2 22.3 41.3
83 14.1 8.9 16.5





#22

cis-1,2-Dichloroethene

Concen: 10.184 ug/L

RT: 3.924 min Scan# 89

Delta R.T. -0.003 min

Lab File: VV026356.D

Acq: 17 Jun 2022 00:52

Instrument :

MSVOA_V

ClientSampleId :

BGJ72

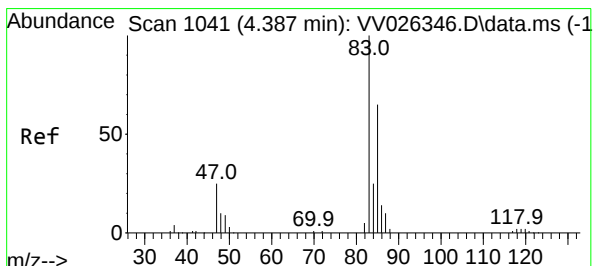
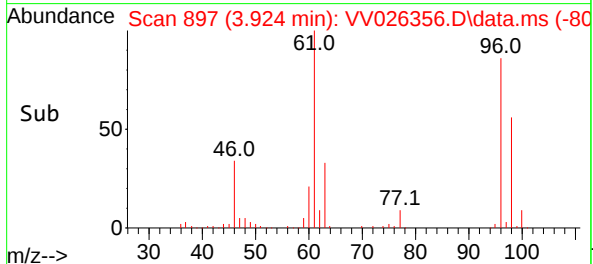
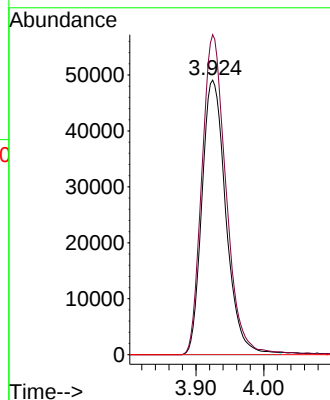
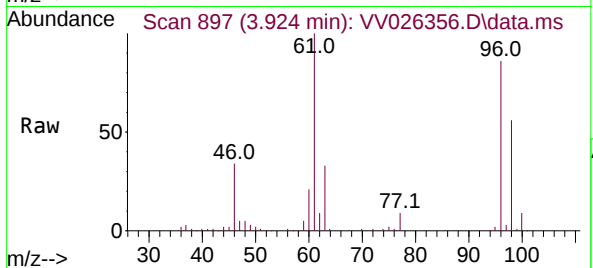
Tgt Ion: 96 Resp: 120304

Ion Ratio Lower Upper

96 100

61 116.5 83.6 155.2

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.069 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. -0.003 min

Lab File: VV026356.D

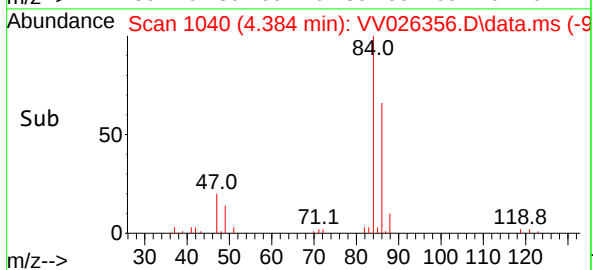
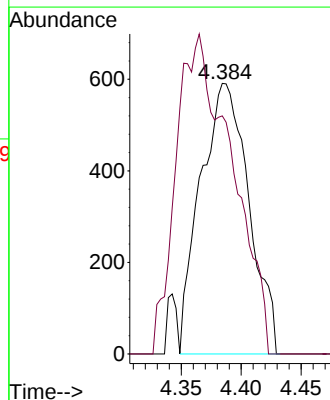
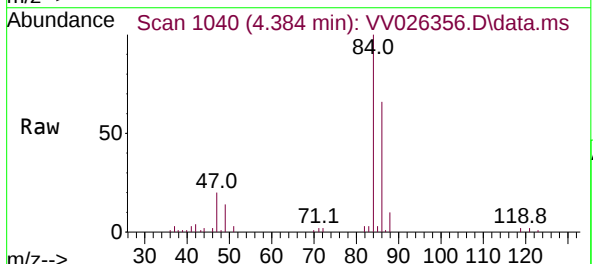
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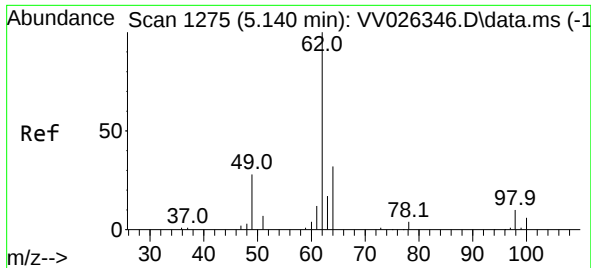
Tgt Ion: 83 Resp: 1659

Ion Ratio Lower Upper

83 100

85 88.0 46.5 86.3#





#27

1,2-Dichloroethane

Concen: 0.527 ug/L

RT: 5.149 min Scan# 1275

Delta R.T. 0.010 min

Lab File: VV026356.D

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ClientSampleId :

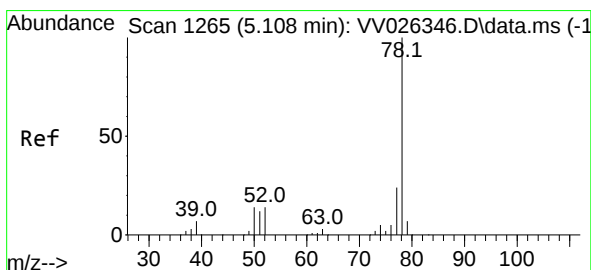
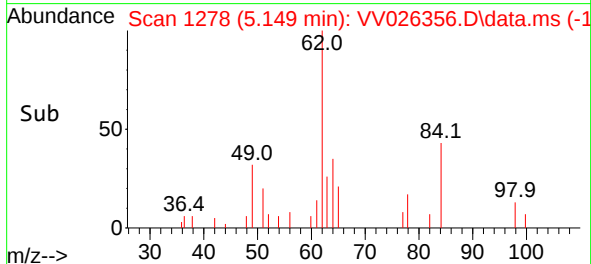
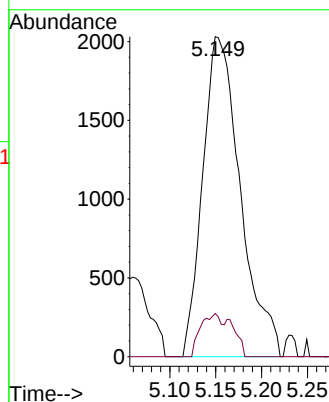
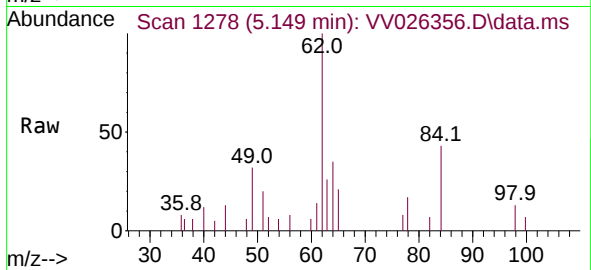
BGJ72

Tgt Ion: 62 Resp: 5799

Ion Ratio Lower Upper

62 100

98 13.5 8.6 13.0#



#33

Benzene

Concen: 0.069 ug/L

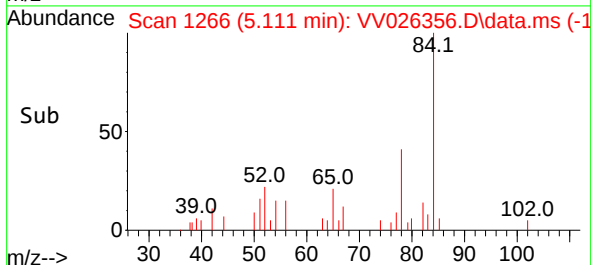
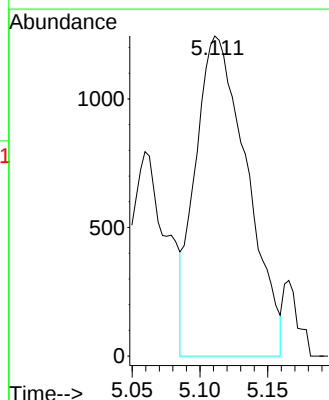
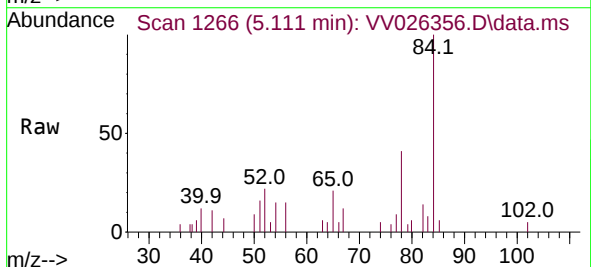
RT: 5.111 min Scan# 1266

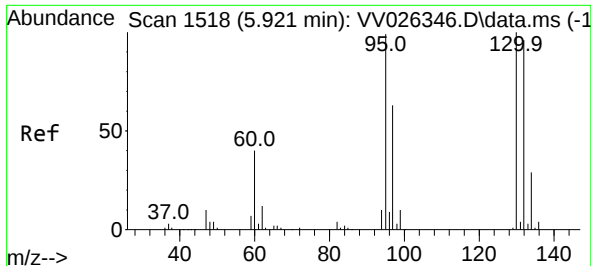
Delta R.T. 0.003 min

Lab File: VV026356.D

Acq: 17 Jun 2022 00:52

Tgt Ion: 78 Resp: 3281





#34

Trichloroethene

Concen: 25.487 ug/L

RT: 5.918 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026356.D

Acq: 17 Jun 2022 00:52

Instrument :

MSVOA_V

ClientSampleId :

BGJ72

Tgt Ion: 95 Resp: 333017

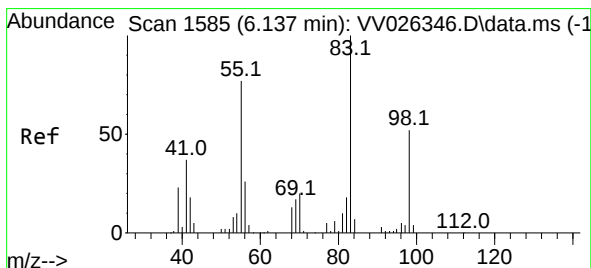
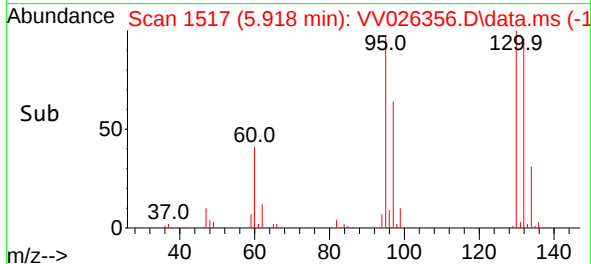
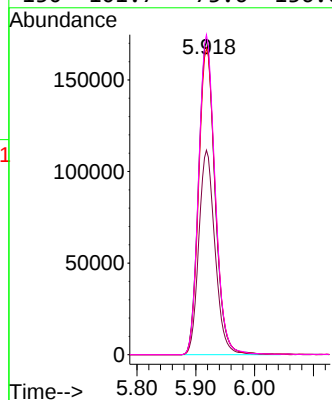
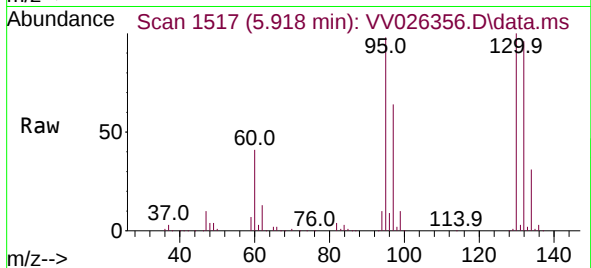
Ion Ratio Lower Upper

95 100

97 65.0 46.5 86.3

132 97.4 68.8 127.8

130 101.7 73.6 136.6



#35

Methylcyclohexane

Concen: 0.941 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.061 min

Lab File: VV026356.D

Acq: 17 Jun 2022 00:52

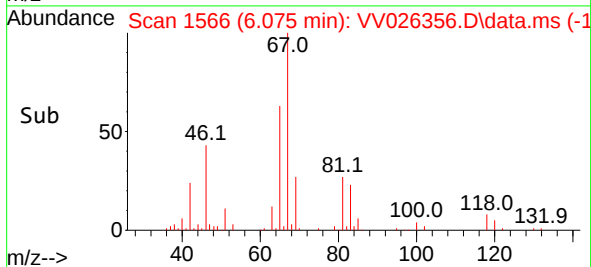
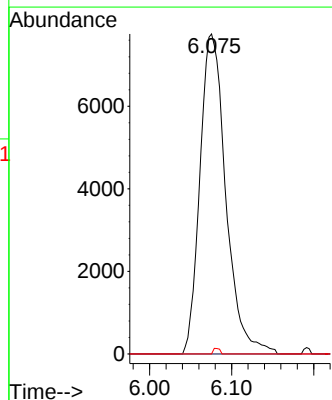
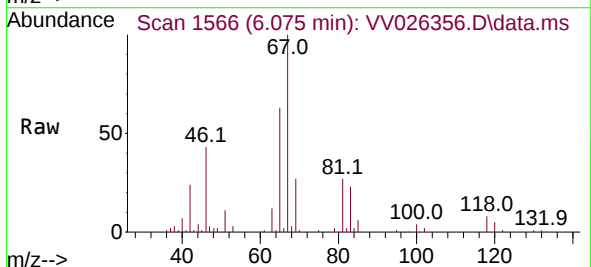
Tgt Ion: 83 Resp: 17010

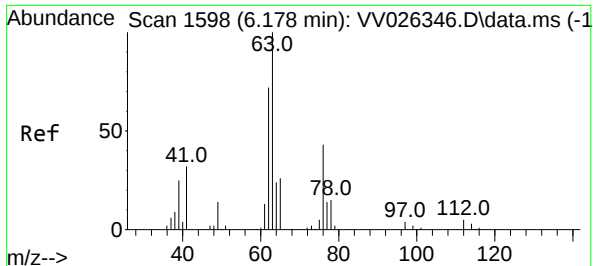
Ion Ratio Lower Upper

83 100

55 0.1 59.3 88.9#

98 0.0 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.643 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV026356.D

Acq: 17 Jun 2022 00:52

Instrument :

MSVOA_V

ClientSampleId :

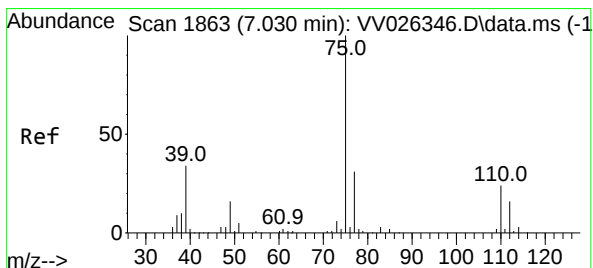
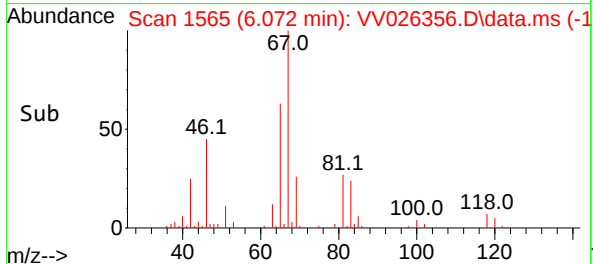
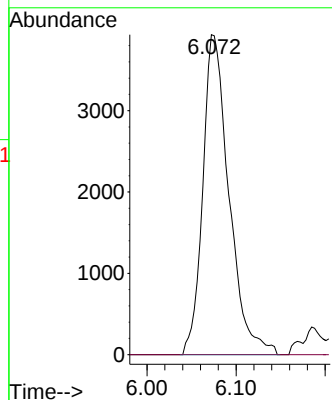
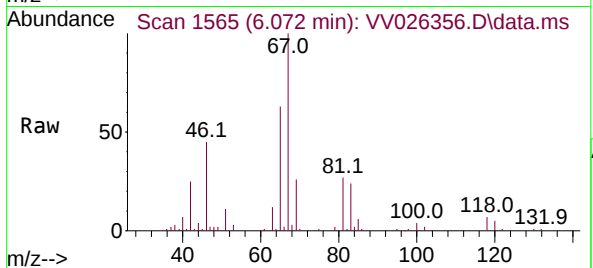
BGJ72

Tgt Ion: 63 Resp: 8048

Ion Ratio Lower Upper

63 100

112 0.5 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.039 min

Lab File: VV026356.D

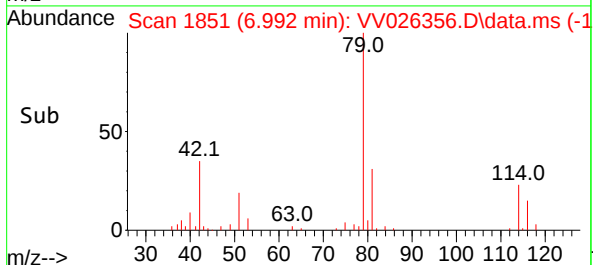
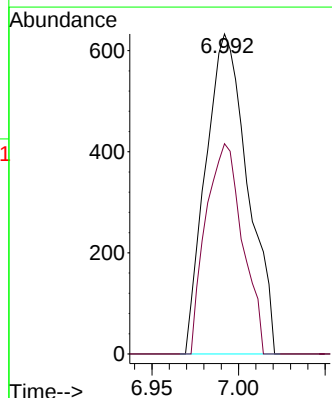
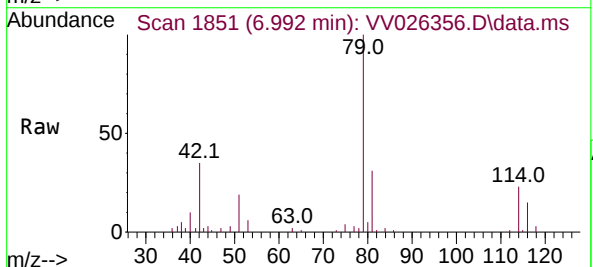
Acq: 17 Jun 2022 00:52

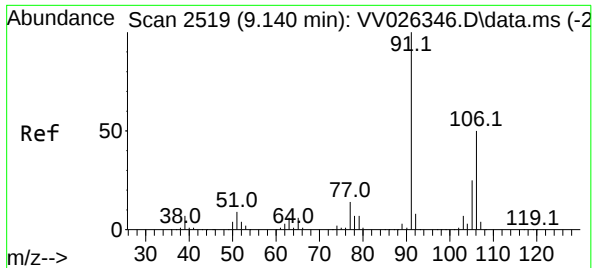
Tgt Ion: 75 Resp: 1067

Ion Ratio Lower Upper

75 100

77 65.7 23.0 42.6#

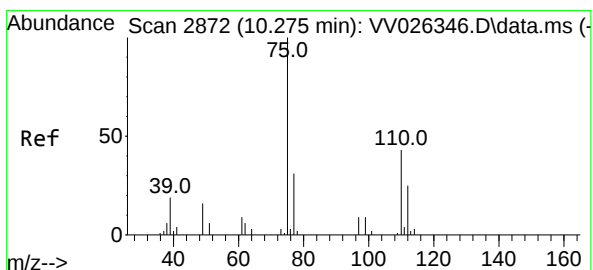
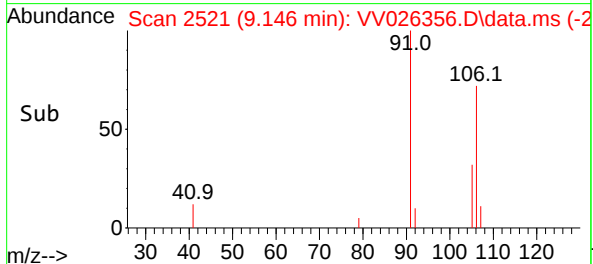
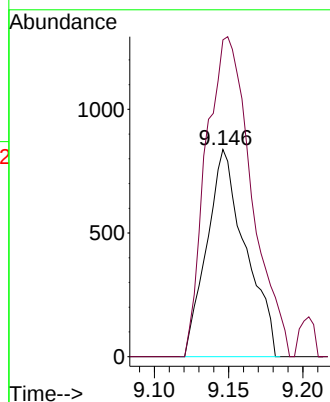
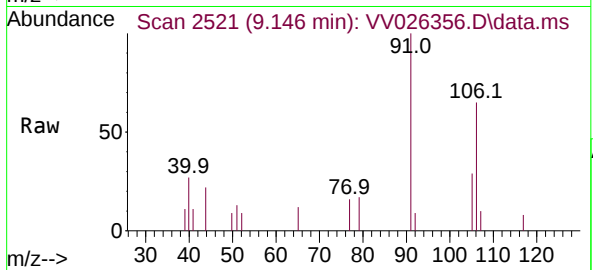




#53
m,p-Xylene
Concen: 0.077 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026356.D
Acq: 17 Jun 2022 00:52

Instrument :
MSVOA_V
ClientSampleId :
BGJ72

Tgt Ion:106 Resp: 1516
Ion Ratio Lower Upper
106 100
91 152.9 141.3 262.3



#61
1,2,3-Trichloropropane
Concen: 1.626 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV026356.D
Acq: 17 Jun 2022 00:52

Tgt Ion: 75 Resp: 8041
Ion Ratio Lower Upper
75 100
77 34.1 26.9 40.3
110 2.4 30.7 46.1#

