

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026355.D
 Acq On : 17 Jun 2022 00:28
 Operator : SY/MD
 Sample : N3318-17
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ71

Quant Time: Jun 17 07:20:43 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	5.622	114	152690	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	152981	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63669	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	49901	3.763	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.200%	
7) Chloroethane-d5	1.581	69	45324	4.346	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.000%	
11) 1,1-Dichloroethene-d2	2.121	63	78738	3.457	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.200%	
20) 2-Butanone-d5	3.925	46	94049	72.677	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	145.360%#	
24) Chloroform-d	4.359	84	99617	5.125	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
26) 1,2-Dichloroethane-d4	5.043	65	46189	5.616	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	112.400%	
32) Benzene-d6	5.059	84	184555	4.512	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
36) 1,2-Dichloropropane-d6	6.076	67	60026	5.029	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.600%	
41) Toluene-d8	7.320	98	145145	3.892	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.800%	
43) trans-1,3-Dichloroprop...	7.629	79	13069	3.376	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	67.600%	
46) 2-Hexanone-d5	8.092	63	69155	59.145	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	118.300%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44058	5.992	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	119.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	51806	5.282	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.323	62	1128	0.086	ug/L #	1
6) Bromomethane	1.539	94	347	0.047	ug/L	83
8) Chloroethane	1.548	64	33331	4.074	ug/L #	47
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	1007	0.095	ug/L #	26
12) 1,1-Dichloroethene	2.127	96	12705	1.317	ug/L #	1
13) Acetone	2.217	43	3944	3.933	ug/L	60
14) Carbon disulfide	2.307	76	2272	0.096	ug/L #	89
19) 1,1-Dichloroethane	3.204	63	61030	3.421	ug/L	100
22) cis-1,2-Dichloroethene	3.931	96	7641	0.807	ug/L	93
25) Chloroform	4.384	83	5387	0.278	ug/L	97
27) 1,2-Dichloroethane	5.156	62	1105	0.125	ug/L #	71
29) 1,1,1-Trichloroethane	4.622	97	3242	0.192	ug/L	92
33) Benzene	5.111	78	1838	0.047	ug/L	100
34) Trichloroethene	5.921	95	41474	3.873	ug/L	96
35) Methylcyclohexane	6.076	83	15228	1.028	ug/L #	19
47) Tetrachloroethene	7.979	164	5068	0.639	ug/L	89
49) Dibromochloromethane	7.979	129	4429	0.594	ug/L #	9
53) m,p-Xylene	9.153	106	695	0.043	ug/L	78
61) 1,2,3-Trichloropropane	11.249	75	7501	1.816	ug/L #	67

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Sample : N3318-17
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

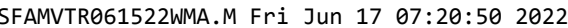
Instrument :
MSVOA_V
ClientSampleId :
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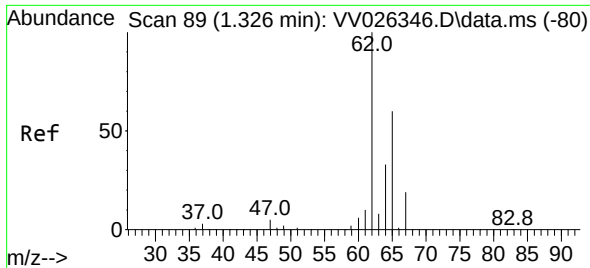
Quant Time: Jun 17 07:20:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
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QLast Update : Fri Jun 17 06:57:04 2022
Response via : Initial Calibration

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

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

Quant Time: Jun 17 07:20:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
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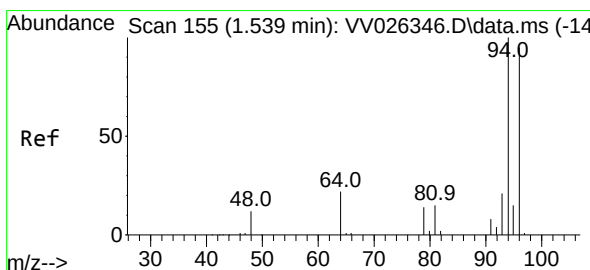
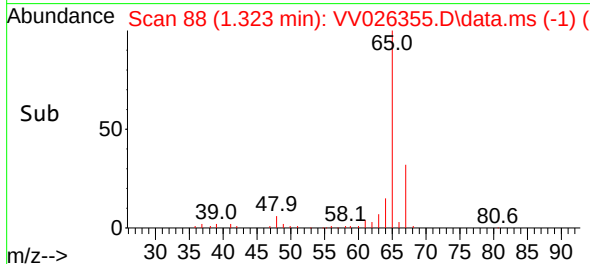
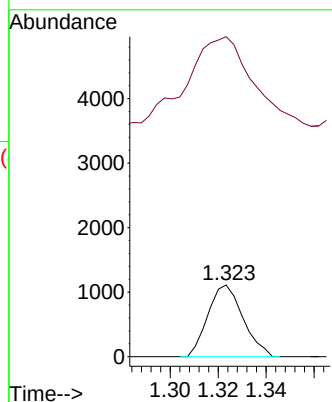
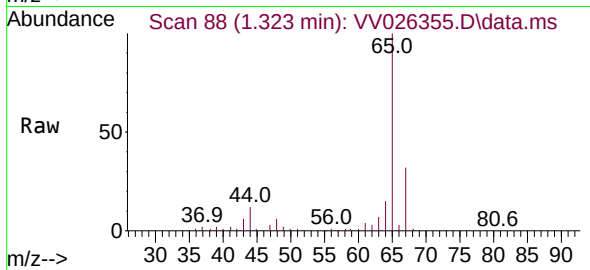




#5
 Vinyl chloride
 Concen: 0.086 ug/L
 RT: 1.323 min Scan# 89
 Delta R.T. -0.003 min
 Lab File: VV026355.D
 Acq: 17 Jun 2022 00:28

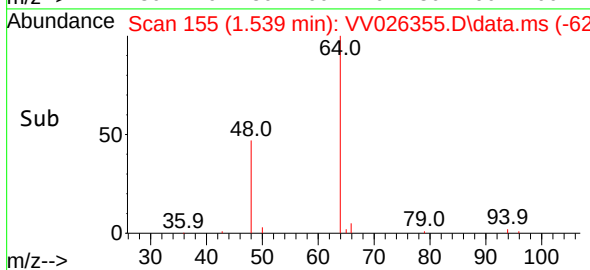
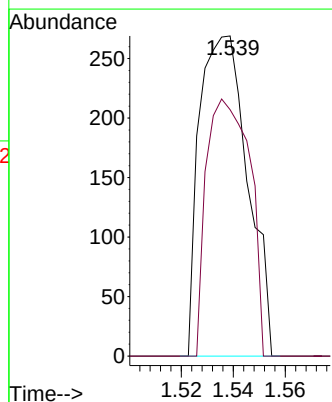
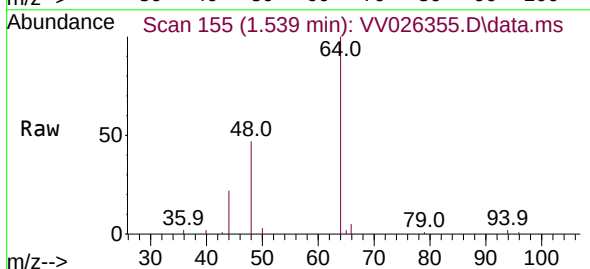
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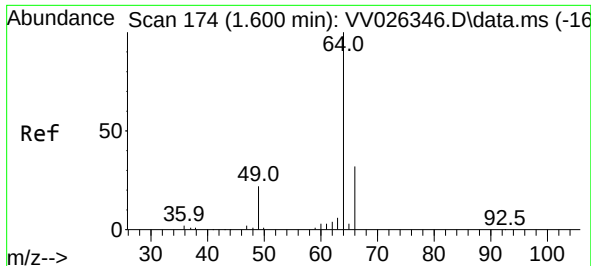
Tgt Ion: 62 Resp: 1128
 Ion Ratio Lower Upper
 62 100
 64 446.4 23.2 43.2#



#6
 Bromomethane
 Concen: 0.047 ug/L
 RT: 1.539 min Scan# 155
 Delta R.T. 0.000 min
 Lab File: VV026355.D
 Acq: 17 Jun 2022 00:28

Tgt Ion: 94 Resp: 347
 Ion Ratio Lower Upper
 94 100
 96 77.0 65.7 121.9

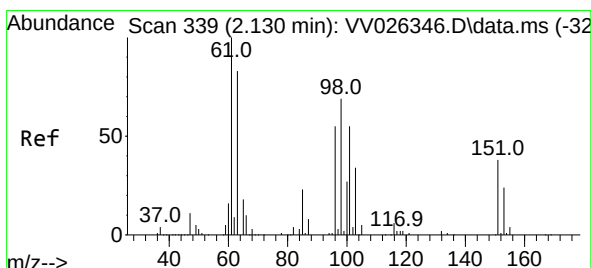
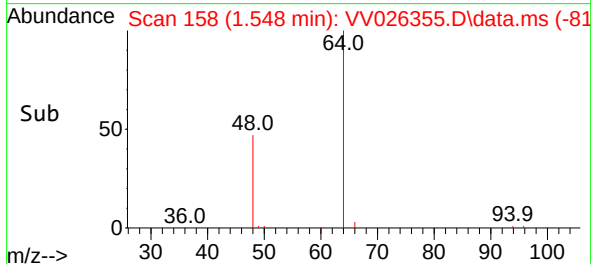
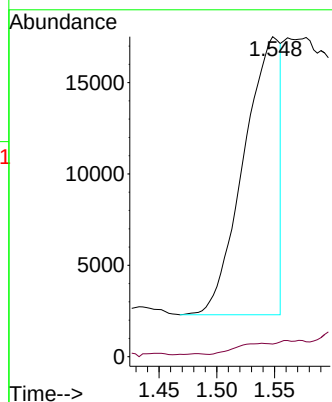
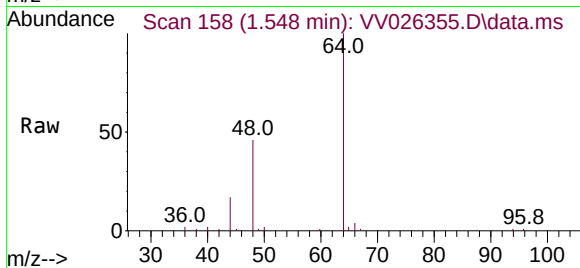




#8
Chloroethane
Concen: 4.074 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.051 min
Lab File: VV026355.D
Acq: 17 Jun 2022 00:28

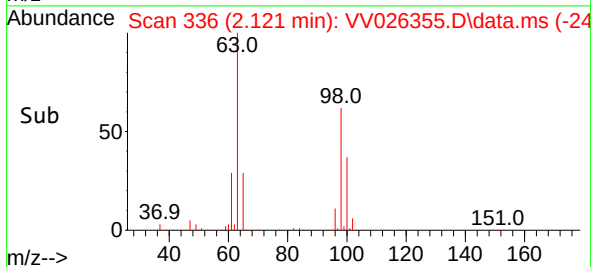
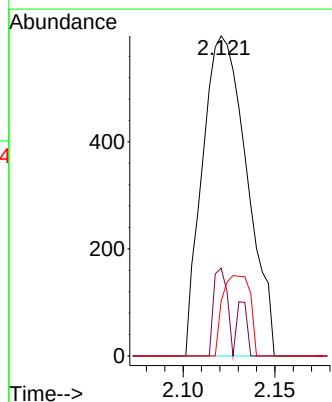
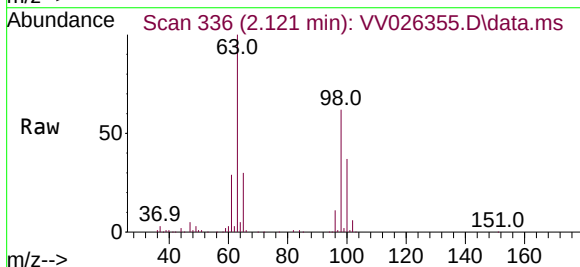
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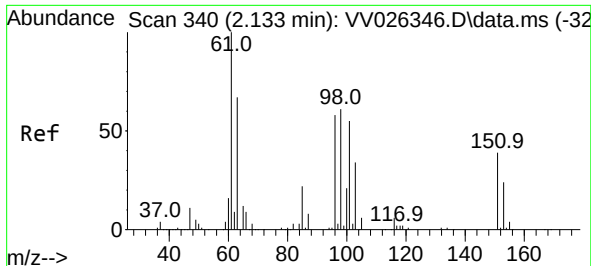
Tgt Ion: 64 Resp: 33331
Ion Ratio Lower Upper
64 100
66 4.0 24.1 44.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.095 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.010 min
Lab File: VV026355.D
Acq: 17 Jun 2022 00:28

Tgt Ion:101 Resp: 1007
Ion Ratio Lower Upper
101 100
85 8.3 35.3 52.9#
151 0.0 56.8 85.2#





#12

1,1-Dichloroethene

Concen: 1.317 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV026355.D

Acq: 17 Jun 2022 00:28

Instrument :

MSVOA_V

ClientSampleId :

BGJ71

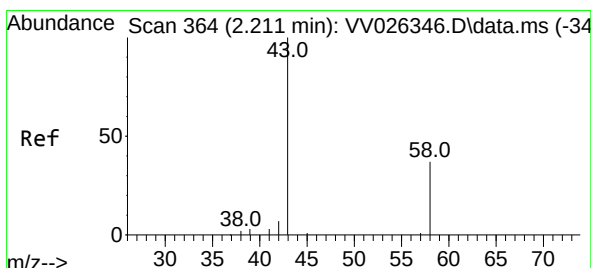
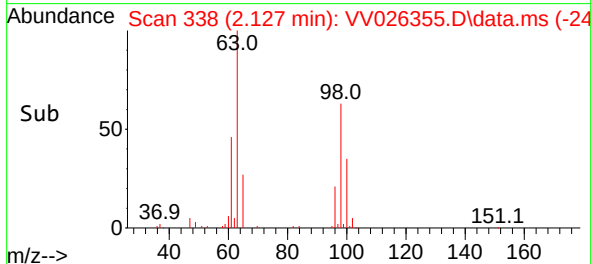
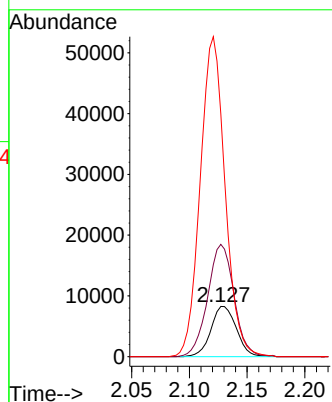
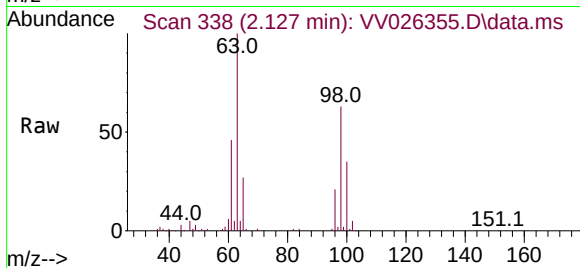
Tgt Ion: 96 Resp: 12705

Ion Ratio Lower Upper

96 100

61 223.9 117.1 217.5#

63 483.4 92.8 172.4#



#13

Acetone

Concen: 3.933 ug/L

RT: 2.217 min Scan# 366

Delta R.T. 0.007 min

Lab File: VV026355.D

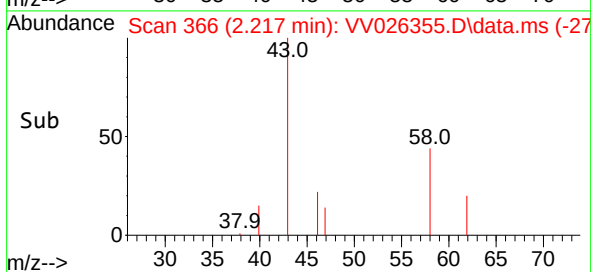
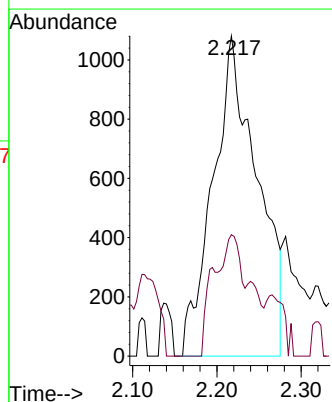
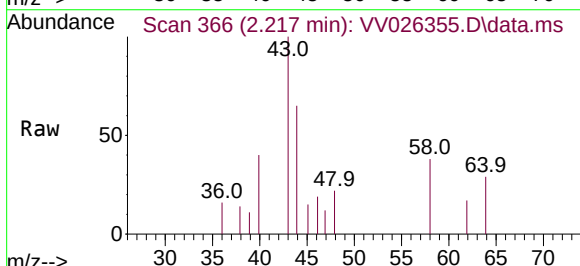
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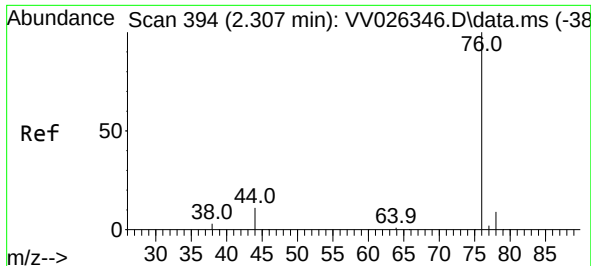
Tgt Ion: 43 Resp: 3944

Ion Ratio Lower Upper

43 100

58 8.4 0.0 60.0

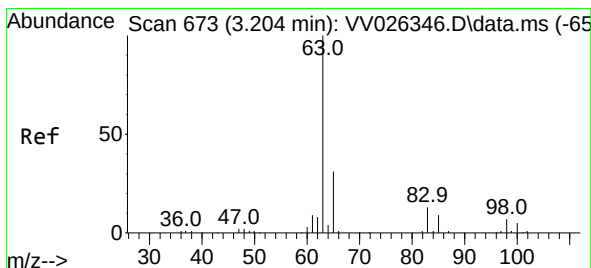
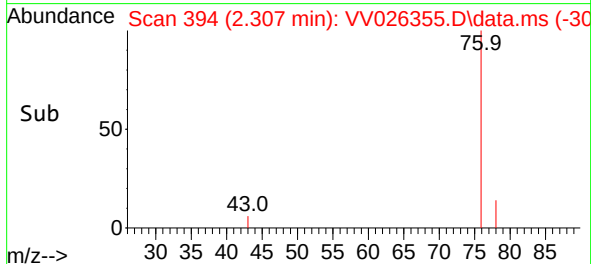
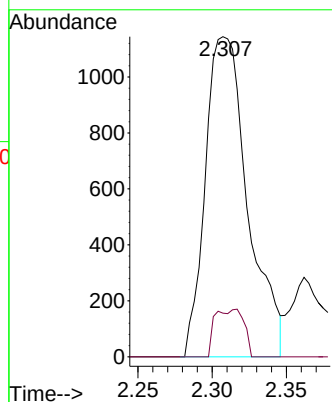
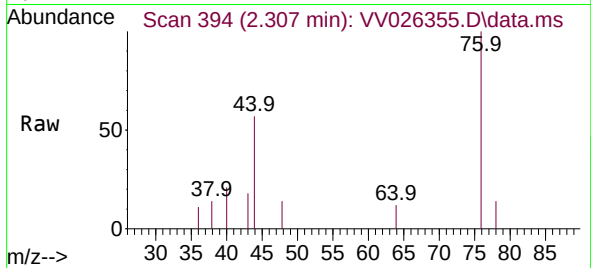




#14
Carbon disulfide
Concen: 0.096 ug/L
RT: 2.307 min Scan# 394
Delta R.T. 0.000 min
Lab File: VV026355.D
Acq: 17 Jun 2022 00:28

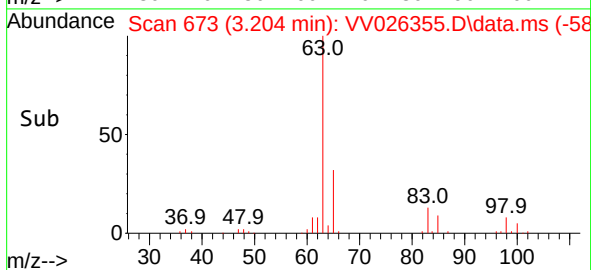
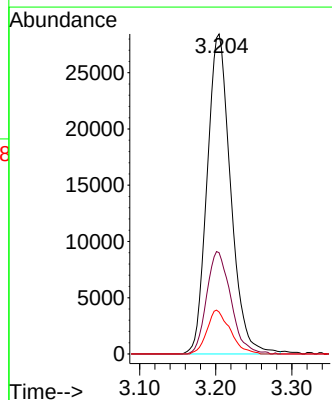
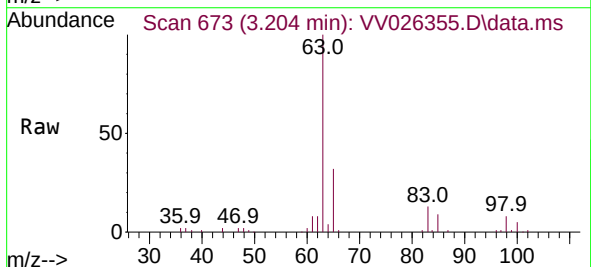
Instrument :
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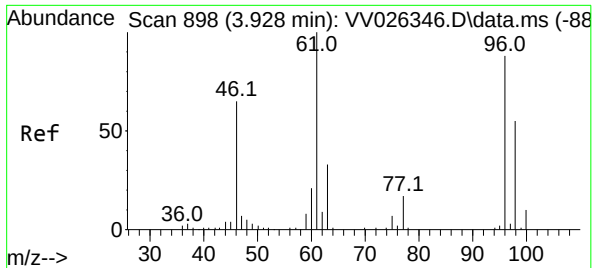
Tgt Ion: 76 Resp: 2272
Ion Ratio Lower Upper
76 100
78 13.6 7.7 11.5#



#19
1,1-Dichloroethane
Concen: 3.421 ug/L
RT: 3.204 min Scan# 673
Delta R.T. 0.000 min
Lab File: VV026355.D
Acq: 17 Jun 2022 00:28

Tgt Ion: 63 Resp: 61030
Ion Ratio Lower Upper
63 100
65 31.7 22.3 41.3
83 13.1 8.9 16.5





#22

cis-1,2-Dichloroethene

Concen: 0.807 ug/L

RT: 3.931 min Scan# 89

Delta R.T. 0.003 min

Lab File: VV026355.D

Acq: 17 Jun 2022 00:28

Instrument :

MSVOA_V

ClientSampleId :

BGJ71

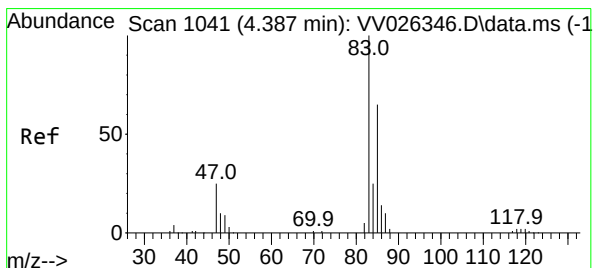
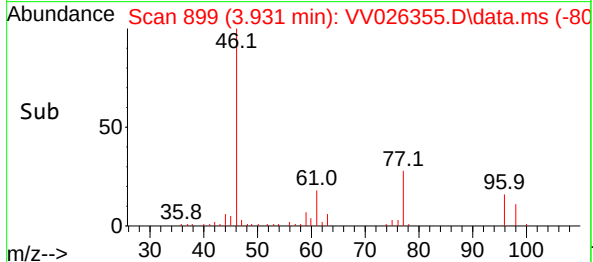
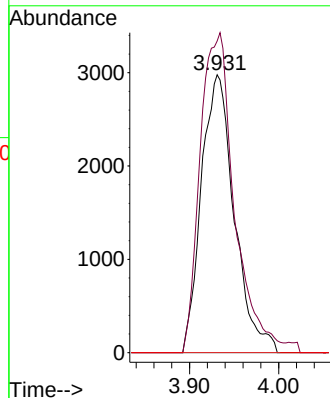
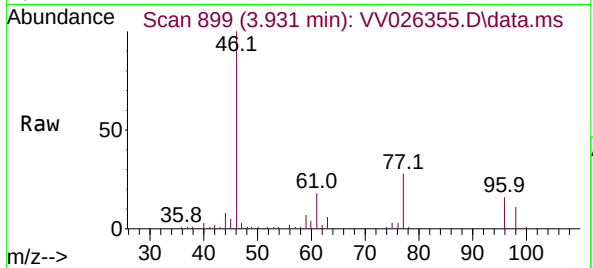
Tgt Ion: 96 Resp: 7641

Ion Ratio Lower Upper

96 100

61 112.2 83.6 155.2

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.278 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. -0.003 min

Lab File: VV026355.D

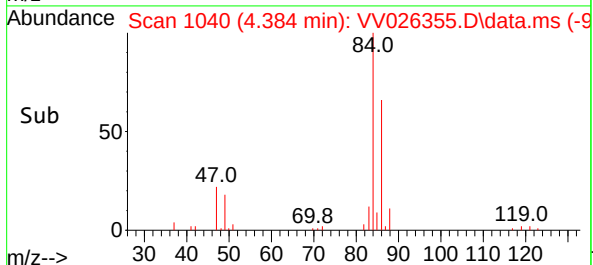
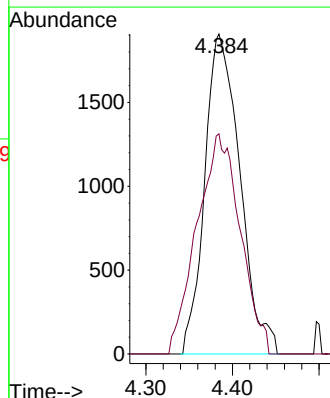
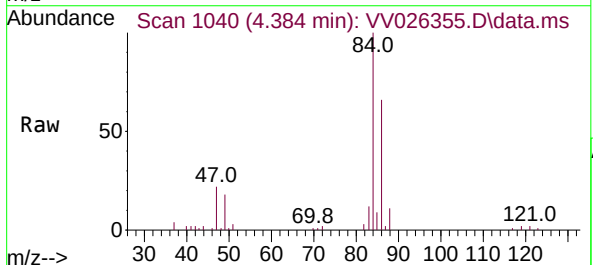
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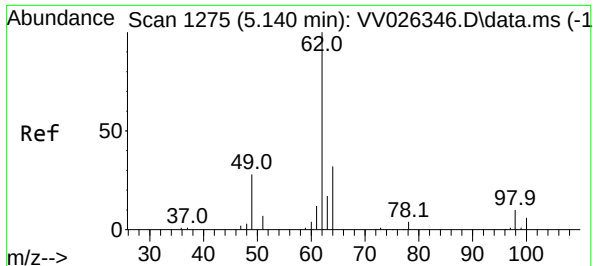
Tgt Ion: 83 Resp: 5387

Ion Ratio Lower Upper

83 100

85 68.8 46.5 86.3





#27

1,2-Dichloroethane

Concen: 0.125 ug/L

RT: 5.156 min Scan# 1110

Delta R.T. 0.016 min

Lab File: VV026355.D

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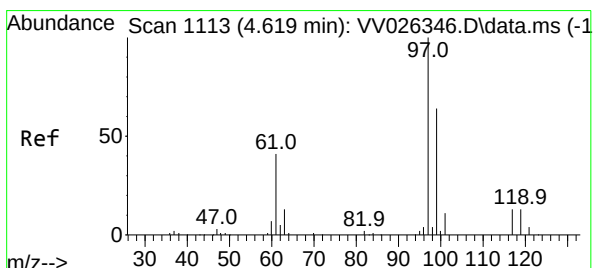
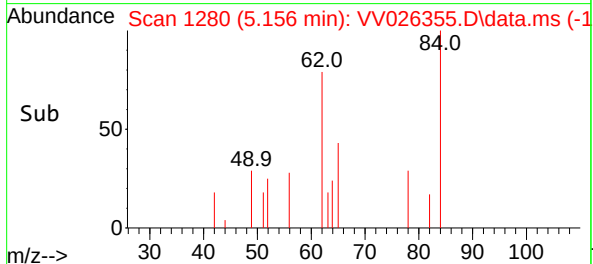
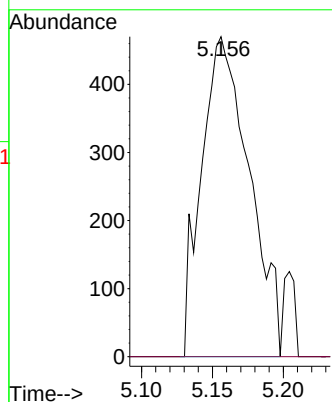
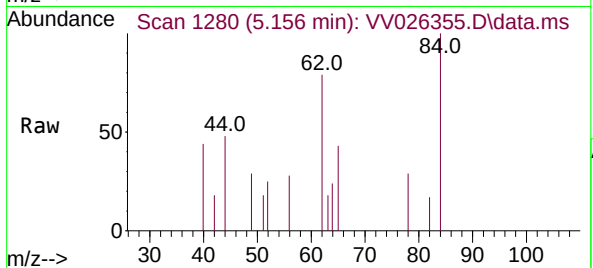
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Tgt Ion: 62 Resp: 1105

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#29

1,1,1-Trichloroethane

Concen: 0.192 ug/L

RT: 4.622 min Scan# 1114

Delta R.T. 0.003 min

Lab File: VV026355.D

Acq: 17 Jun 2022 00:28

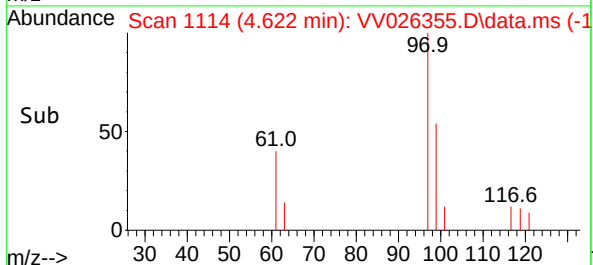
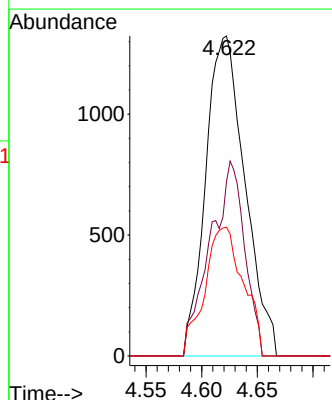
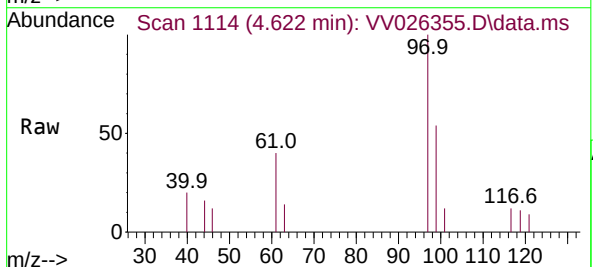
Tgt Ion: 97 Resp: 3242

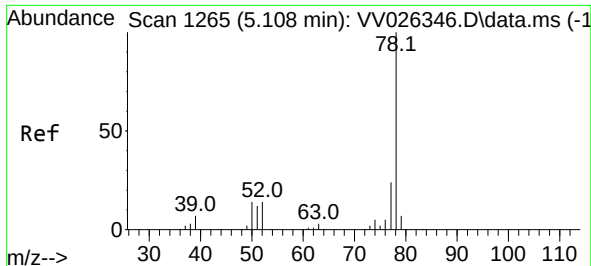
Ion Ratio Lower Upper

97 100

99 53.7 50.3 75.5

61 39.6 33.4 50.0

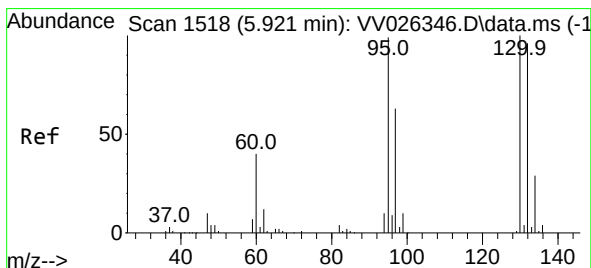
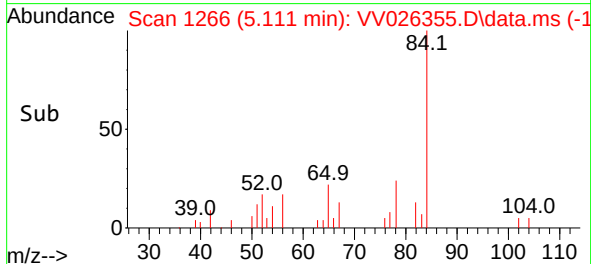
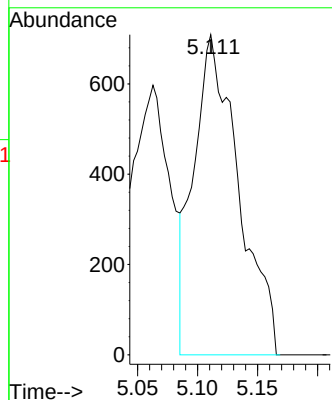
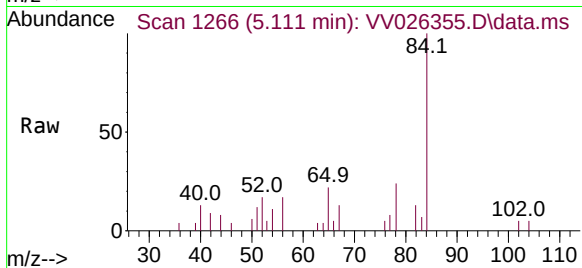




#33
Benzene
Concen: 0.047 ug/L
RT: 5.111 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026355.D
Acq: 17 Jun 2022 00:28

Instrument :
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ClientSampleId :
BGJ71

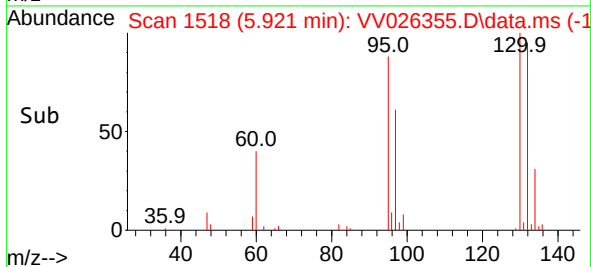
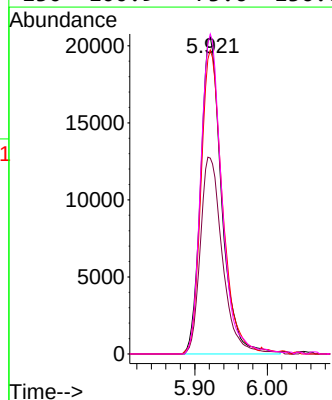
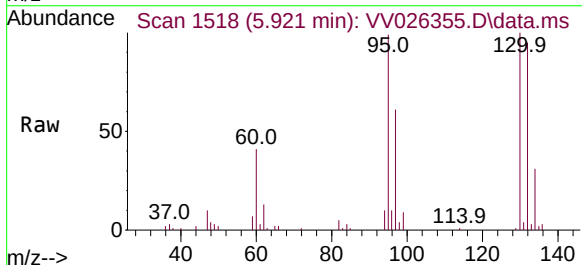
Tgt Ion: 78 Resp: 1838

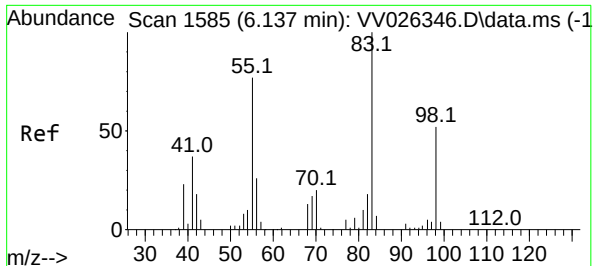


#34
Trichloroethene
Concen: 3.873 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VV026355.D
Acq: 17 Jun 2022 00:28

Tgt Ion: 95 Resp: 41474

Ion	Ratio	Lower	Upper
95	100		
97	61.8	46.5	86.3
132	95.9	68.8	127.8
130	100.9	73.6	136.6

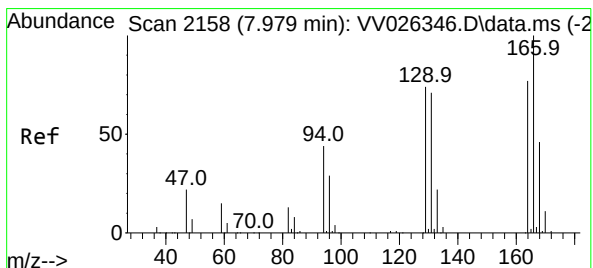
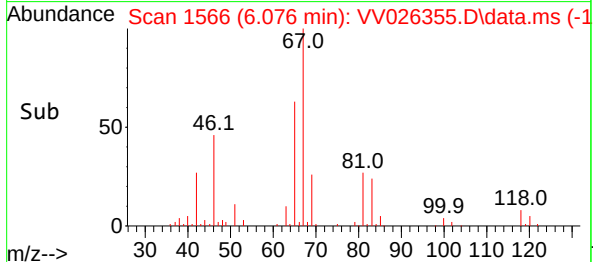
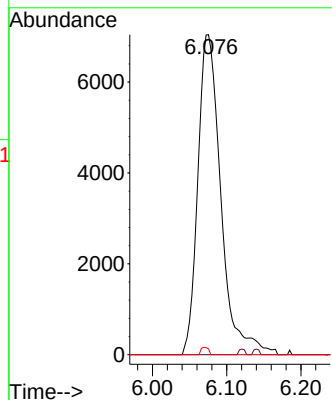
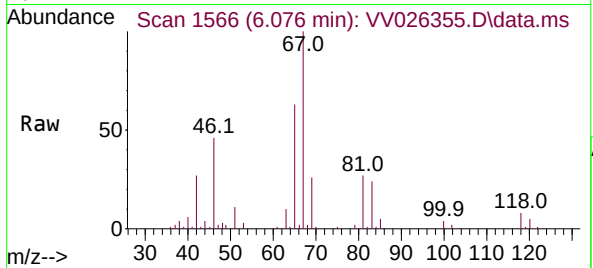




#35
Methylcyclohexane
Concen: 1.028 ug/L
RT: 6.076 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV026355.D
Acq: 17 Jun 2022 00:28

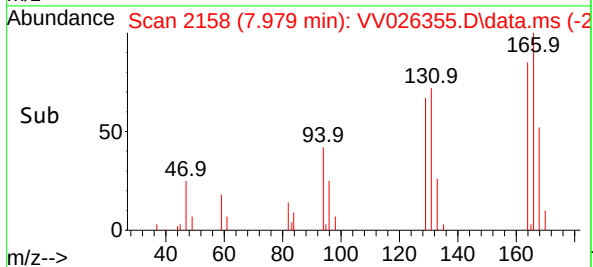
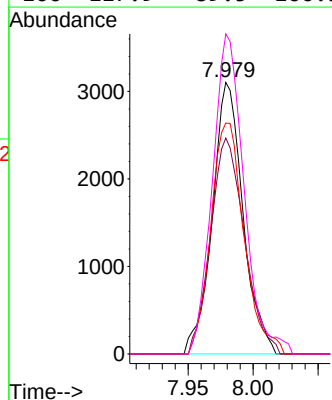
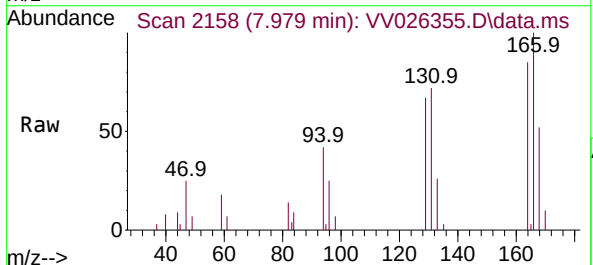
Instrument :
MSVOA_V
ClientSampleId :
BGJ71

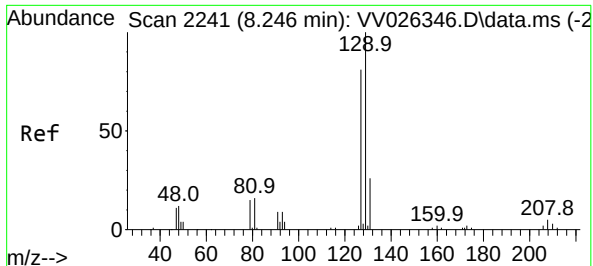
Tgt Ion: 83 Resp: 15228
Ion Ratio Lower Upper
83 100
55 0.4 59.3 88.9#
98 0.7 39.9 59.9#



#47
Tetrachloroethene
Concen: 0.639 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV026355.D
Acq: 17 Jun 2022 00:28

Tgt Ion:164 Resp: 5068
Ion Ratio Lower Upper
164 100
129 79.5 67.5 125.3
131 85.0 63.8 118.4
166 117.9 89.5 166.3





#49

Dibromochloromethane

Concen: 0.594 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026355.D

Acq: 17 Jun 2022 00:28

Instrument :

MSVOA_V

ClientSampleId :

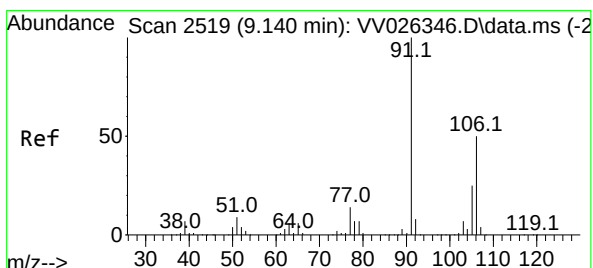
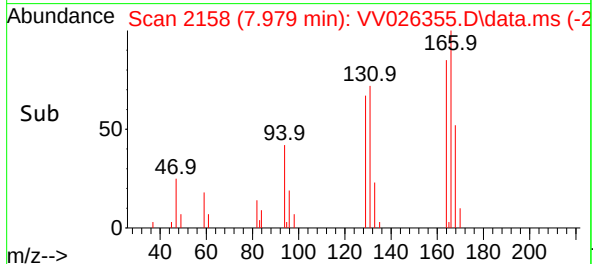
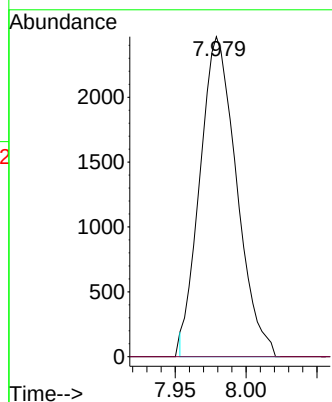
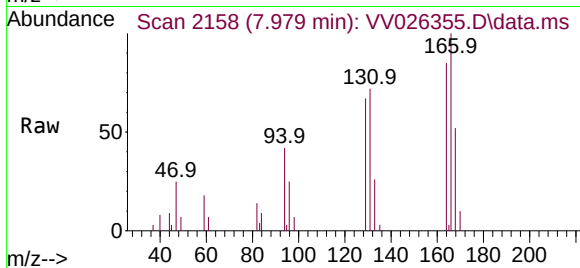
BGJ71

Tgt Ion:129 Resp: 4429

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#



#53

m,p-Xylene

Concen: 0.043 ug/L

RT: 9.153 min Scan# 2523

Delta R.T. 0.013 min

Lab File: VV026355.D

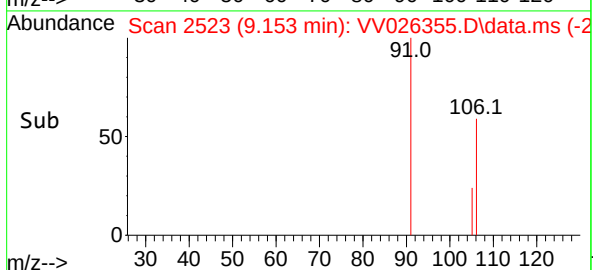
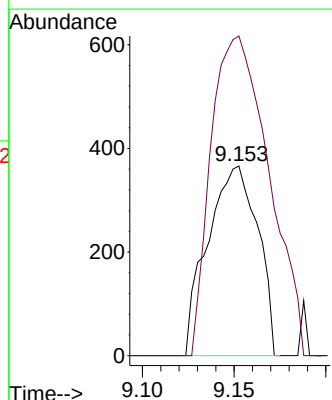
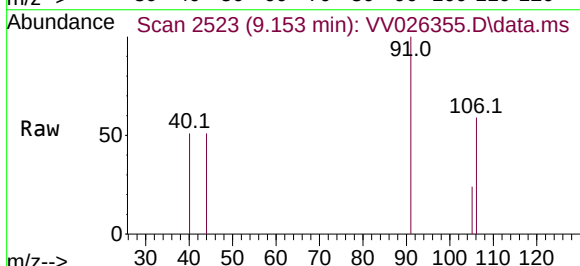
Acq: 17 Jun 2022 00:28

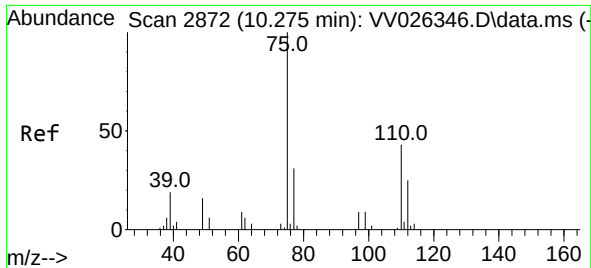
Tgt Ion:106 Resp: 695

Ion Ratio Lower Upper

106 100

91 168.6 141.3 262.3





#61
 1,2,3-Trichloropropane
 Concen: 1.816 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026355.D
 Acq: 17 Jun 2022 00:28

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ71

Tgt Ion: 75 Resp: 7501
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.9 40.3
 110 2.4 30.7 46.1#

