

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026359.D
 Acq On : 17 Jun 2022 02:04
 Operator : SY/MD
 Sample : N3318-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ68

Quant Time: Jun 17 07:21:48 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	189883	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	184282	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75237	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	62780	3.807	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.584	69	55045	4.245	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.124	63	111151	3.925	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	3.921	46	85796	53.313	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.620%
24) Chloroform-d	4.362	84	118255	4.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.043	65	48675	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.059	84	224636	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.075	67	71473	4.971	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.320	98	179438	3.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	7.628	79	13892	2.979	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.600%
46) 2-Hexanone-d5	8.095	63	62518	44.387	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.780%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44283	4.999	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	57898	4.996	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	1111	0.070	ug/L	87
8) Chloroethane	1.552	64	142347	13.990	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	4811	0.367	ug/L	89
12) 1,1-Dichloroethene	2.133	96	41076	3.424	ug/L	90
14) Carbon disulfide	2.310	76	1870	0.063	ug/L #	82
17) Methyl tert-butyl Ether	2.786	73	39792	1.929	ug/L	97
18) trans-1,2-Dichloroethene	2.783	96	1727	0.148	ug/L	81
19) 1,1-Dichloroethane	3.204	63	118715	5.350	ug/L	98
22) cis-1,2-Dichloroethene	3.928	96	16115	1.369	ug/L	96
25) Chloroform	4.394	83	13836	0.575	ug/L	95
27) 1,2-Dichloroethane	5.063	62	1180	0.108	ug/L #	71
29) 1,1,1-Trichloroethane	4.619	97	6177	0.303	ug/L #	68
34) Trichloroethene	5.921	95	142917	11.080	ug/L	96
35) Methylcyclohexane	6.072	83	17514	0.982	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	7640	0.618	ug/L #	88
39) cis-1,3-Dichloropropene	6.998	75	1048	0.074	ug/L	83
47) Tetrachloroethene	7.979	164	48355	5.061	ug/L	99
49) Dibromochloromethane	7.976	129	45592	5.076	ug/L #	9
53) m,p-Xylene	9.146	106	857	0.044	ug/L	73

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

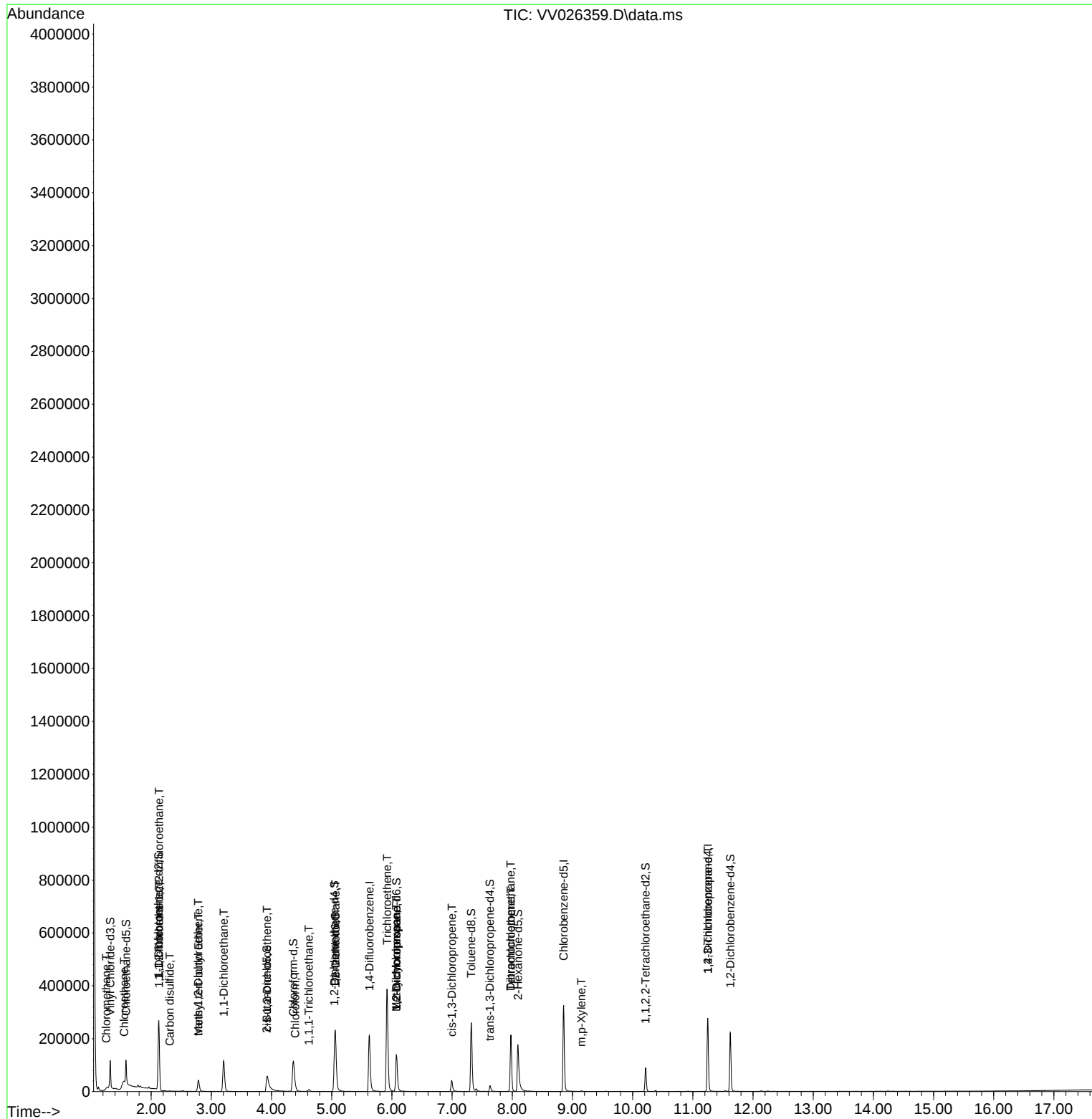
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2,3-Trichloropropane	11.249	75	8525	1.746	ug/L	# 65

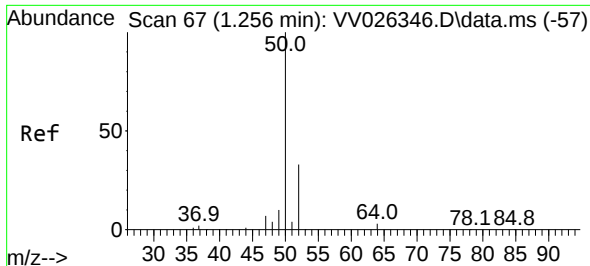
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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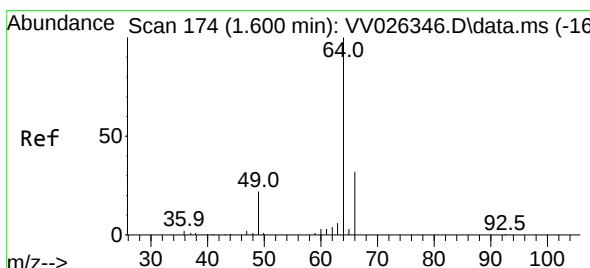
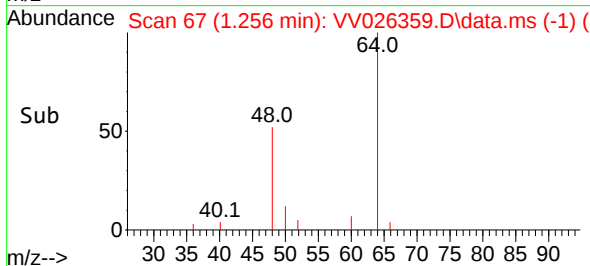
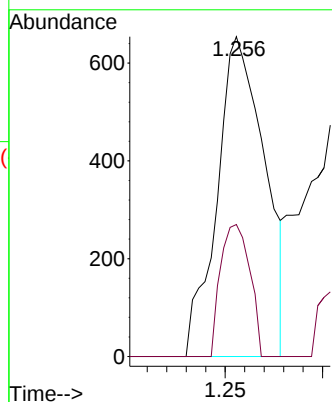
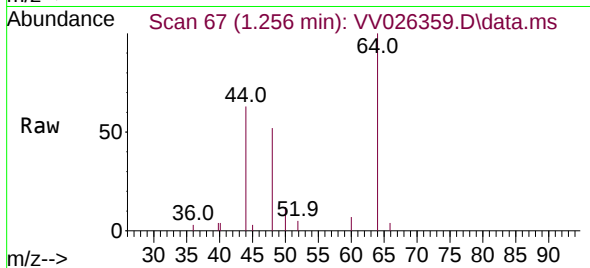




#3
Chloromethane
Concen: 0.070 ug/L
RT: 1.256 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV026359.D
Acq: 17 Jun 2022 02:04

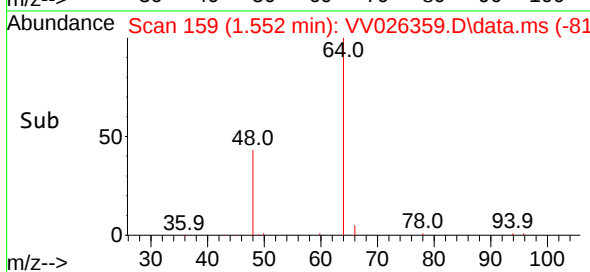
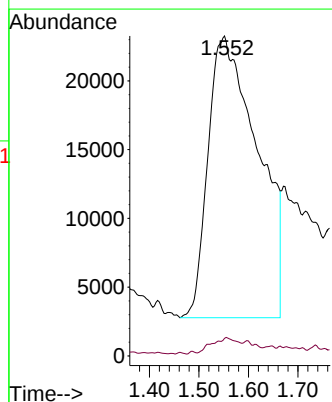
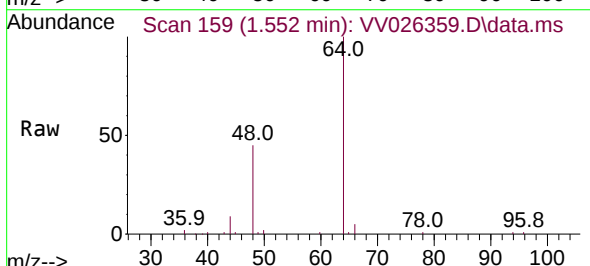
Instrument :
MSVOA_V
ClientSampleId :
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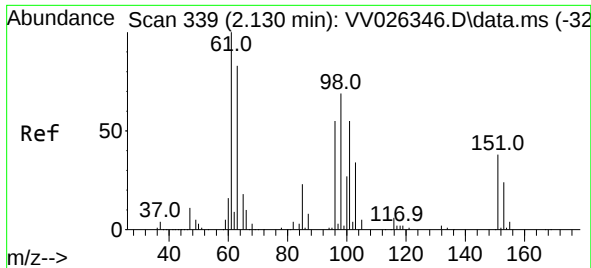
Tgt Ion: 50 Resp: 1111
Ion Ratio Lower Upper
50 100
52 41.3 23.7 44.1



#8
Chloroethane
Concen: 13.990 ug/L
RT: 1.552 min Scan# 159
Delta R.T. -0.048 min
Lab File: VV026359.D
Acq: 17 Jun 2022 02:04

Tgt Ion: 64 Resp: 142347
Ion Ratio Lower Upper
64 100
66 5.5 24.1 44.7#

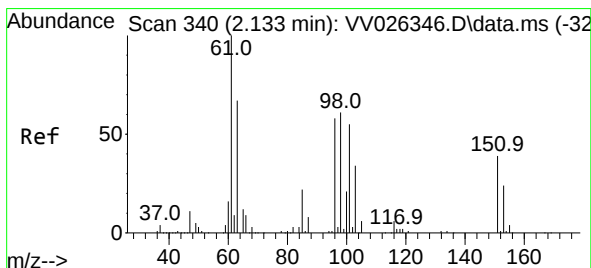
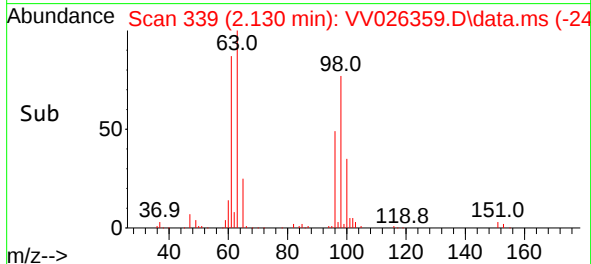
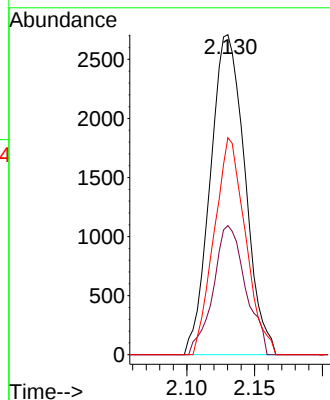
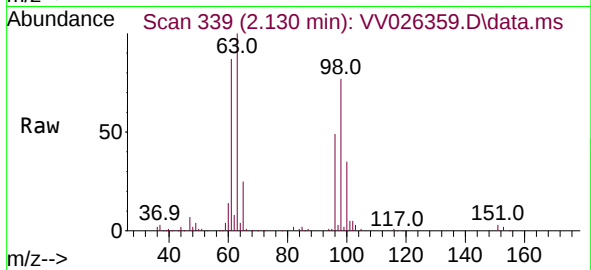




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.367 ug/L
 RT: 2.130 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VV026359.D
 Acq: 17 Jun 2022 02:04

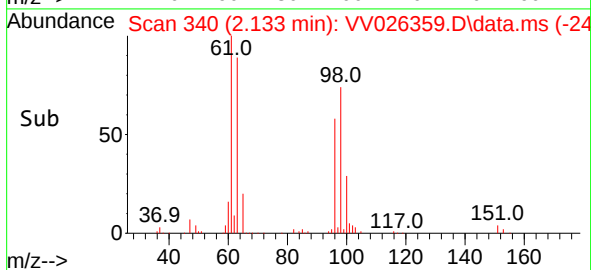
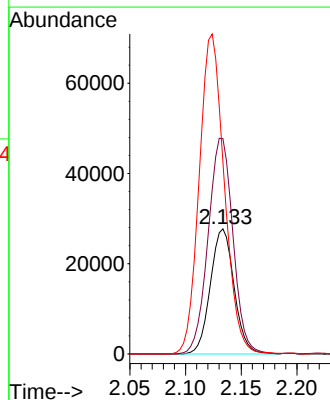
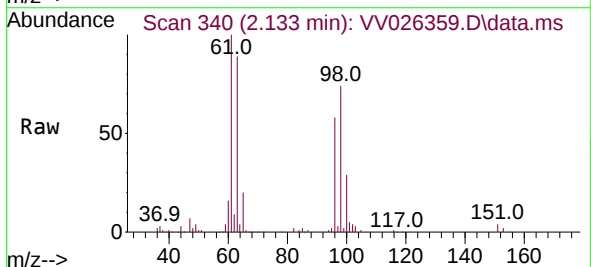
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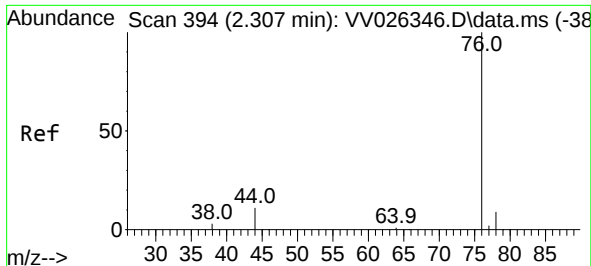
Tgt Ion:101 Resp: 4811
 Ion Ratio Lower Upper
 101 100
 85 37.9 35.3 52.9
 151 61.6 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 3.424 ug/L
 RT: 2.133 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VV026359.D
 Acq: 17 Jun 2022 02:04

Tgt Ion: 96 Resp: 41076
 Ion Ratio Lower Upper
 96 100
 61 172.2 117.1 217.5
 63 153.4 92.8 172.4

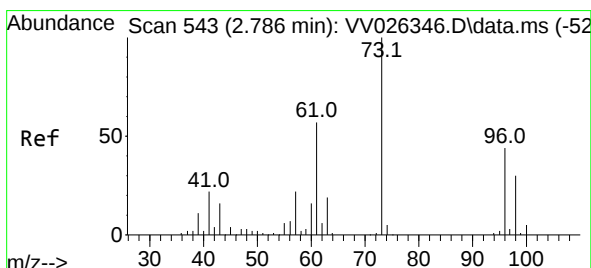
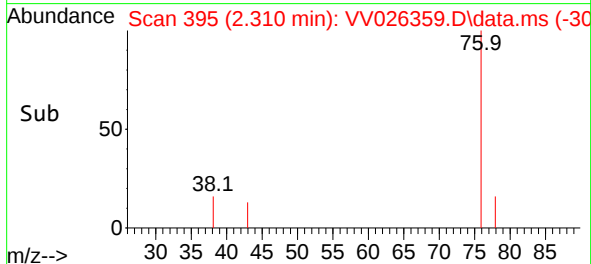
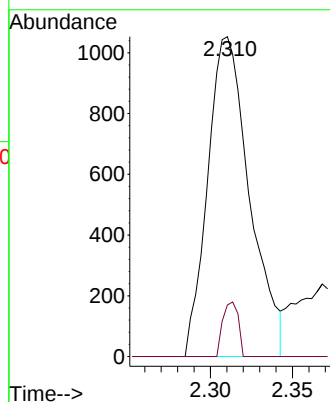
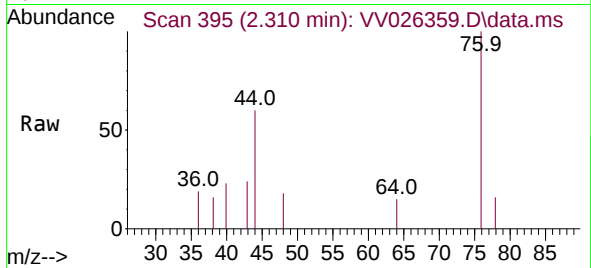




#14
Carbon disulfide
Concen: 0.063 ug/L
RT: 2.310 min Scan# 394
Delta R.T. 0.003 min
Lab File: VV026359.D
Acq: 17 Jun 2022 02:04

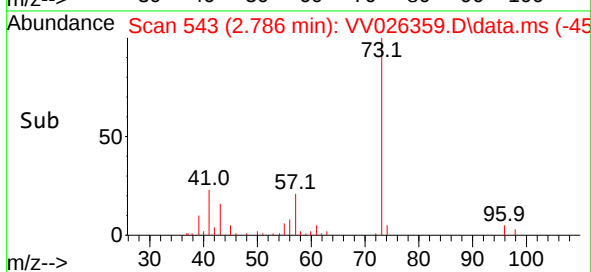
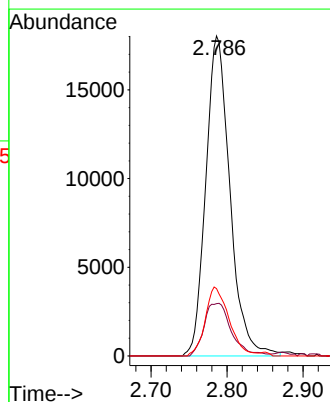
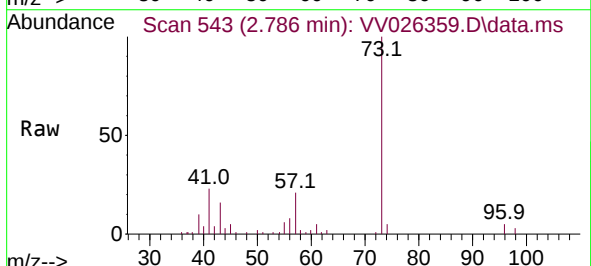
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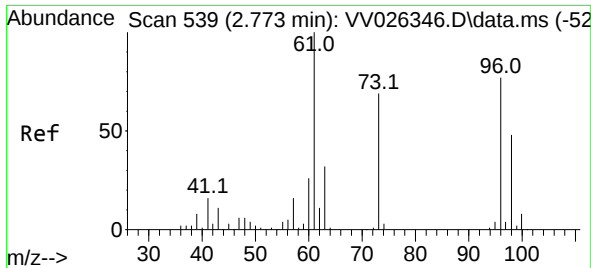
Tgt Ion: 76 Resp: 1870
Ion Ratio Lower Upper
76 100
78 16.1 7.7 11.5#



#17
Methyl tert-butyl Ether
Concen: 1.929 ug/L
RT: 2.786 min Scan# 543
Delta R.T. -0.000 min
Lab File: VV026359.D
Acq: 17 Jun 2022 02:04

Tgt Ion: 73 Resp: 39792
Ion Ratio Lower Upper
73 100
43 18.5 13.0 19.6
57 21.1 17.6 26.4

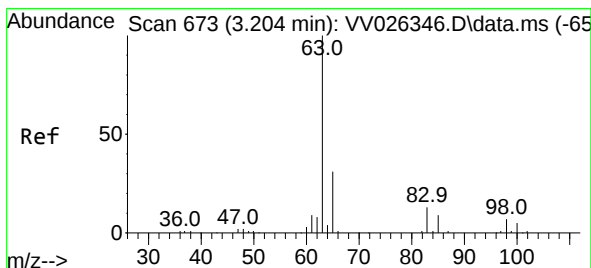
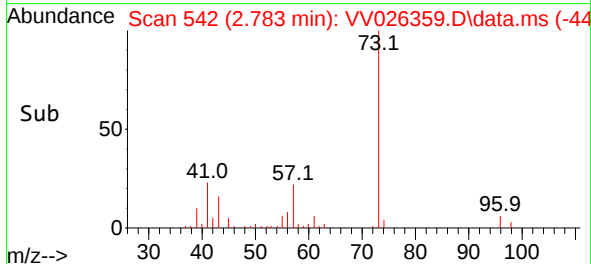
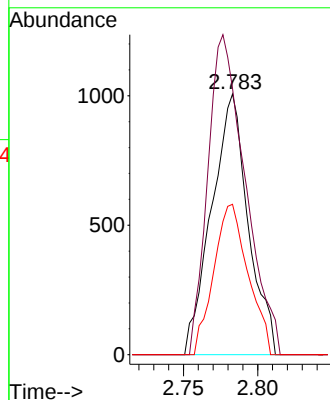
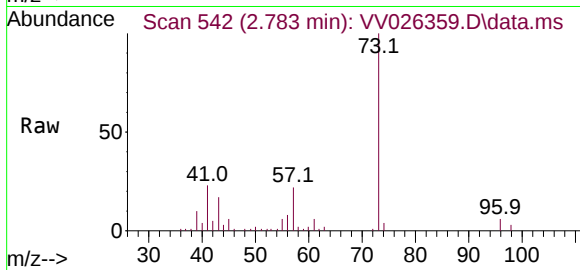




#18
trans-1,2-Dichloroethene
Concen: 0.148 ug/L
RT: 2.783 min Scan# 54
Delta R.T. 0.010 min
Lab File: VV026359.D
Acq: 17 Jun 2022 02:04

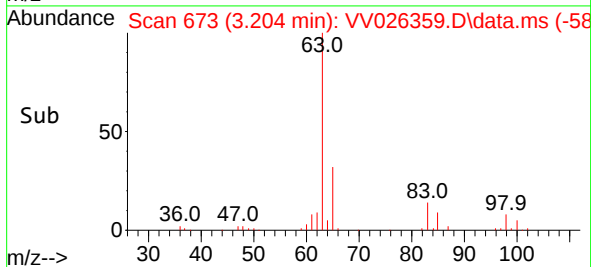
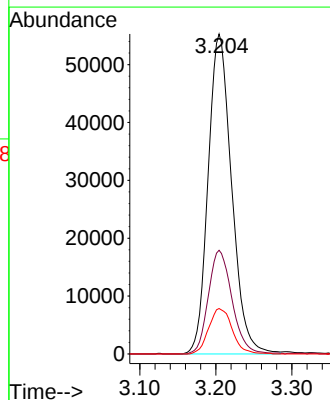
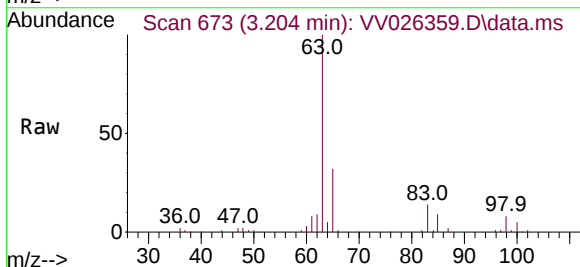
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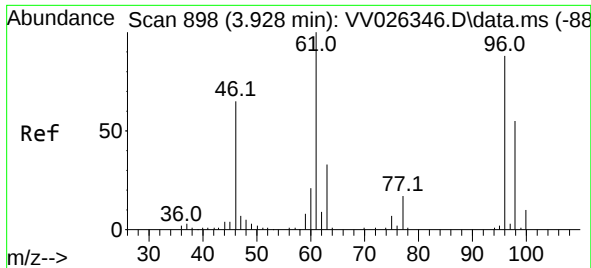
Tgt Ion: 96 Resp: 1727
Ion Ratio Lower Upper
96 100
61 102.2 91.3 169.6
98 57.7 45.3 84.1



#19
1,1-Dichloroethane
Concen: 5.350 ug/L
RT: 3.204 min Scan# 673
Delta R.T. -0.000 min
Lab File: VV026359.D
Acq: 17 Jun 2022 02:04

Tgt Ion: 63 Resp: 118715
Ion Ratio Lower Upper
63 100
65 32.4 22.3 41.3
83 14.2 8.9 16.5

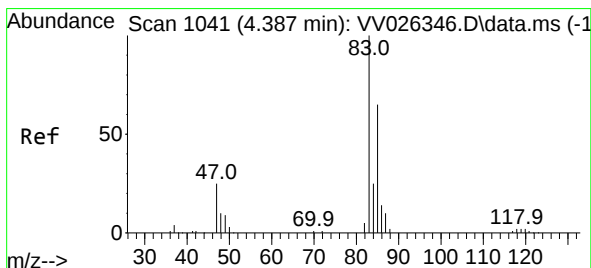
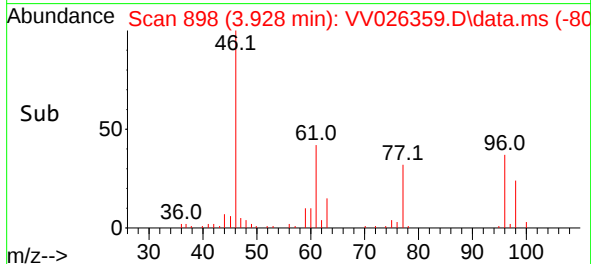
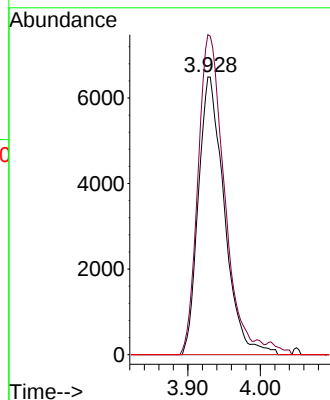
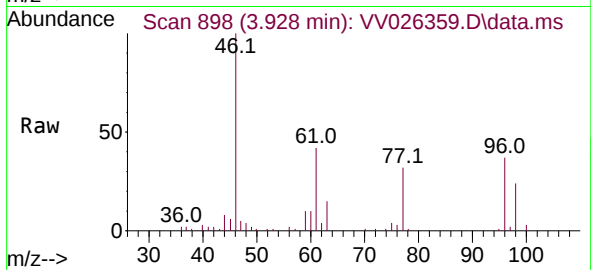




#22
cis-1,2-Dichloroethene
Concen: 1.369 ug/L
RT: 3.928 min Scan# 898
Delta R.T. -0.000 min
Lab File: VV026359.D
Acq: 17 Jun 2022 02:04

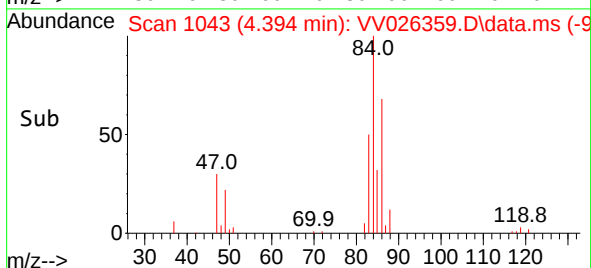
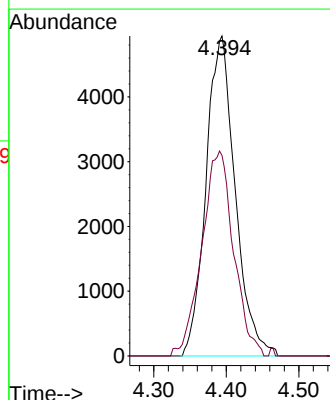
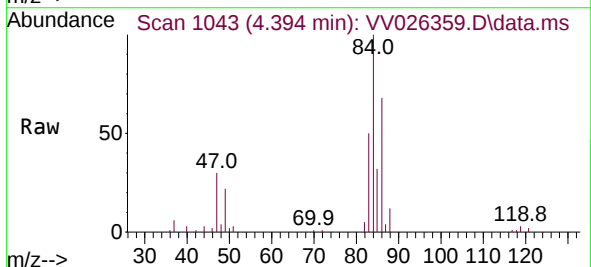
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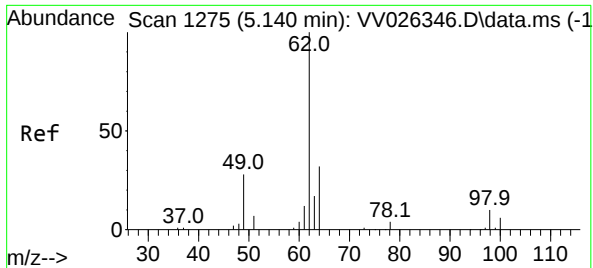
Tgt Ion: 96 Resp: 16115
Ion Ratio Lower Upper
96 100
61 115.2 83.6 155.2
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.575 ug/L
RT: 4.394 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VV026359.D
Acq: 17 Jun 2022 02:04

Tgt Ion: 83 Resp: 13836
Ion Ratio Lower Upper
83 100
85 62.7 46.5 86.3

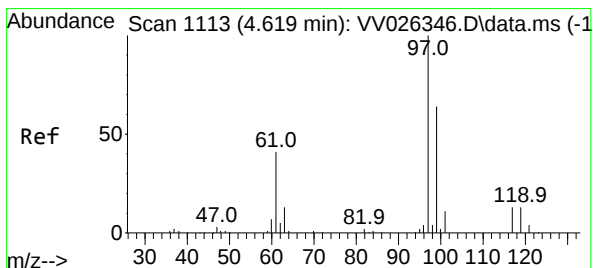
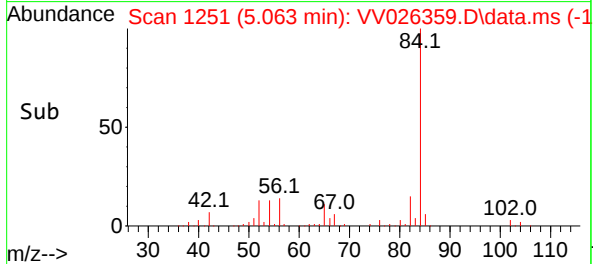
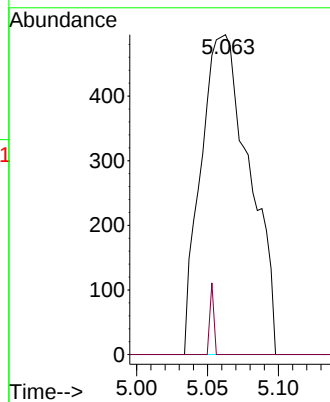
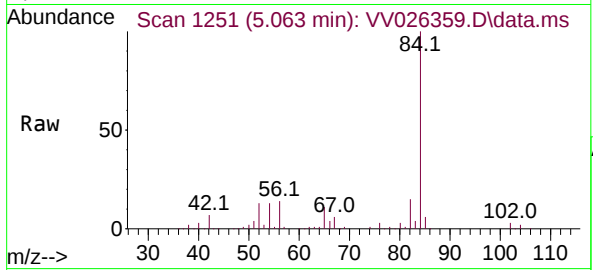




#27
 1,2-Dichloroethane
 Concen: 0.108 ug/L
 RT: 5.063 min Scan# 1125
 Delta R.T. -0.077 min
 Lab File: VV026359.D
 Acq: 17 Jun 2022 02:04

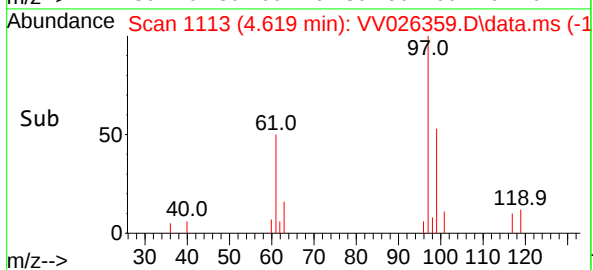
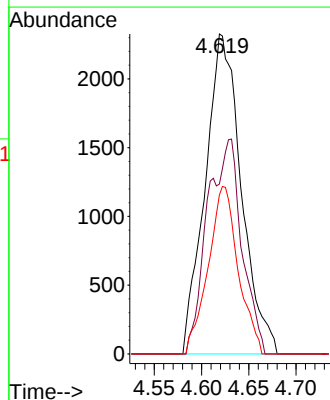
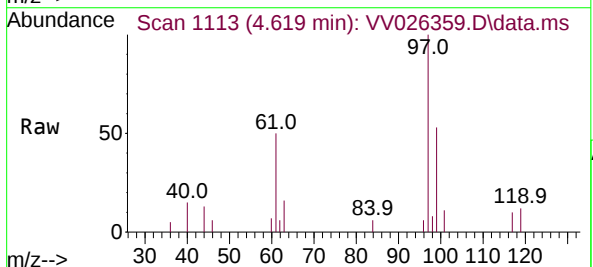
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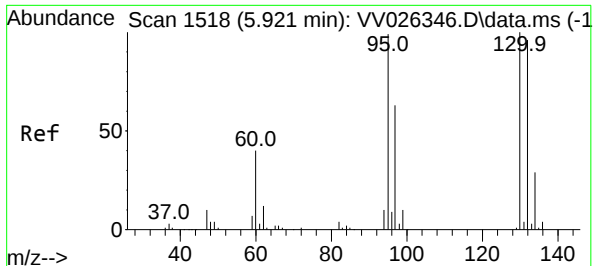
Tgt Ion: 62 Resp: 1180
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.6 13.0#



#29
 1,1,1-Trichloroethane
 Concen: 0.303 ug/L
 RT: 4.619 min Scan# 1113
 Delta R.T. -0.000 min
 Lab File: VV026359.D
 Acq: 17 Jun 2022 02:04

Tgt Ion: 97 Resp: 6177
 Ion Ratio Lower Upper
 97 100
 99 23.1 50.3 75.5#
 61 43.5 33.4 50.0





#34

Trichloroethene

Concen: 11.080 ug/L

RT: 5.921 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV026359.D

Acq: 17 Jun 2022 02:04

Instrument :

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Tgt Ion: 95 Resp: 142917

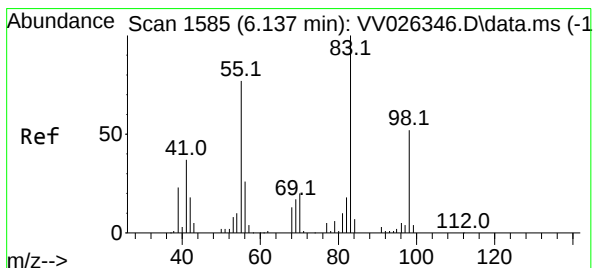
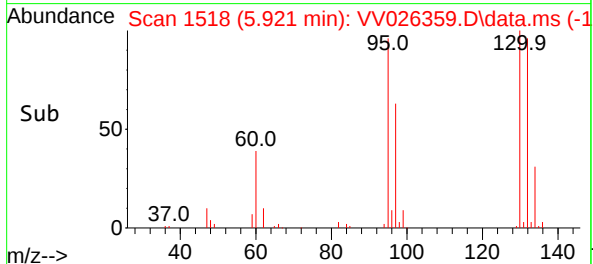
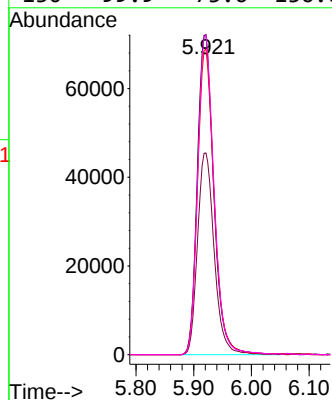
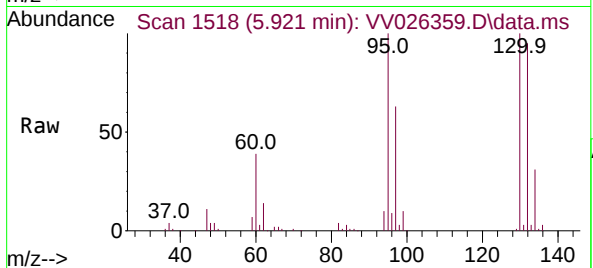
Ion Ratio Lower Upper

95 100

97 63.0 46.5 86.3

132 95.5 68.8 127.8

130 99.9 73.6 136.6



#35

Methylcyclohexane

Concen: 0.982 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.064 min

Lab File: VV026359.D

Acq: 17 Jun 2022 02:04

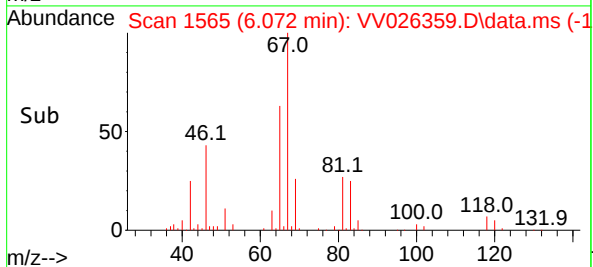
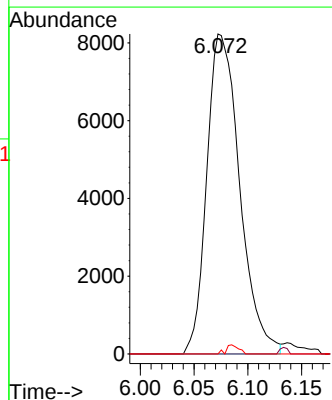
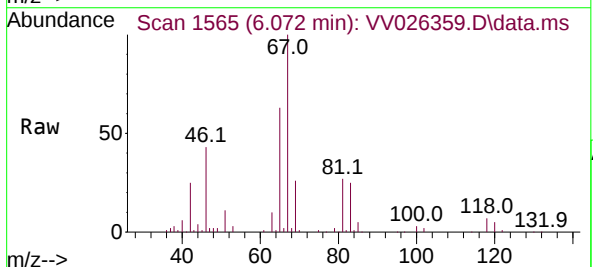
Tgt Ion: 83 Resp: 17514

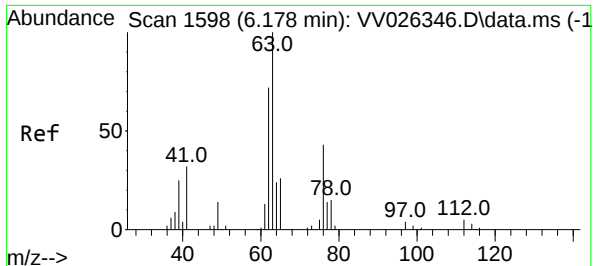
Ion Ratio Lower Upper

83 100

55 0.5 59.3 88.9#

98 1.1 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.618 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026359.D

Acq: 17 Jun 2022 02:04

Instrument :

MSVOA_V

ClientSampleId :

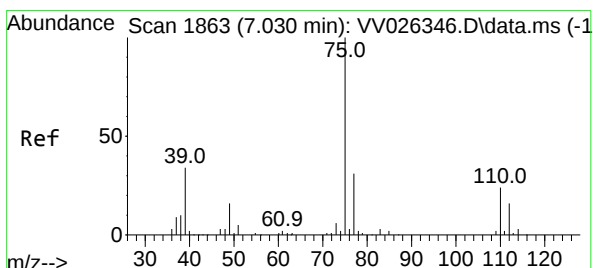
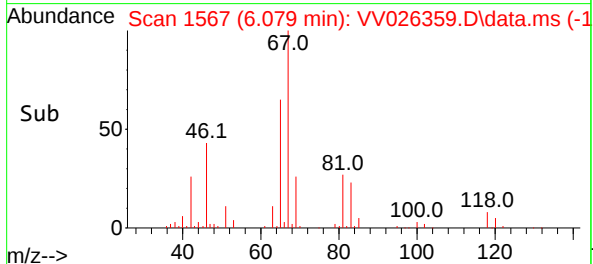
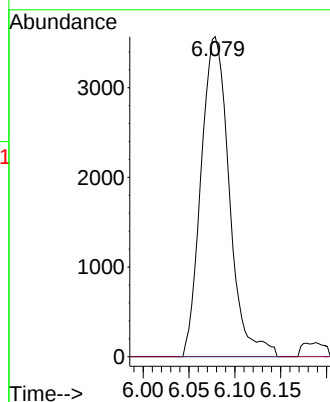
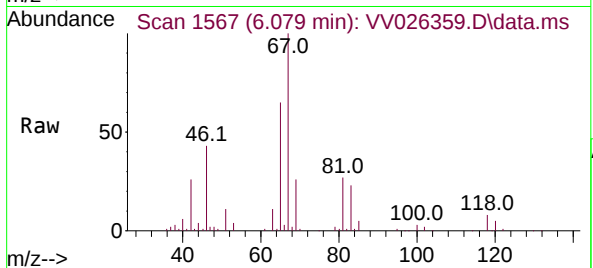
BGJ68

Tgt Ion: 63 Resp: 7640

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 6.998 min Scan# 1853

Delta R.T. -0.032 min

Lab File: VV026359.D

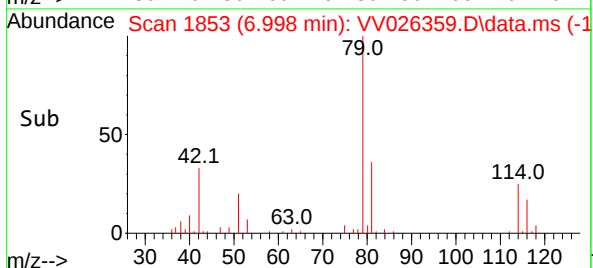
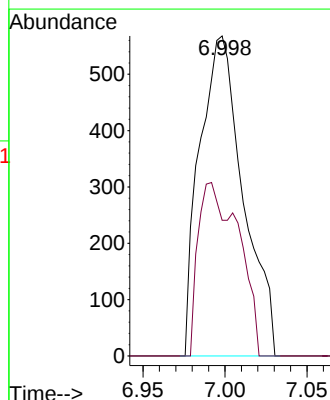
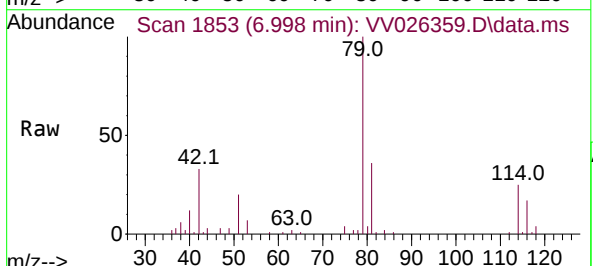
Acq: 17 Jun 2022 02:04

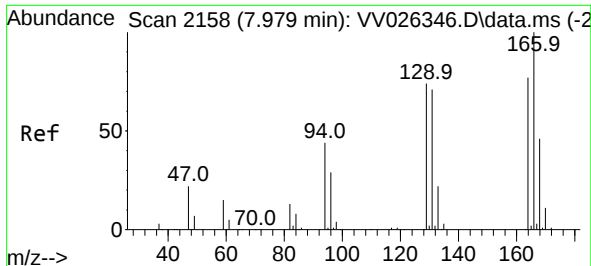
Tgt Ion: 75 Resp: 1048

Ion Ratio Lower Upper

75 100

77 42.4 23.0 42.6





#47

Tetrachloroethene

Concen: 5.061 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.000 min

Lab File: VV026359.D

Acq: 17 Jun 2022 02:04

Instrument :

MSVOA_V

ClientSampleId :

BGJ68

Tgt Ion:164 Resp: 48355

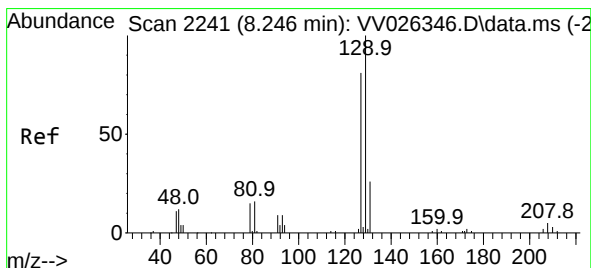
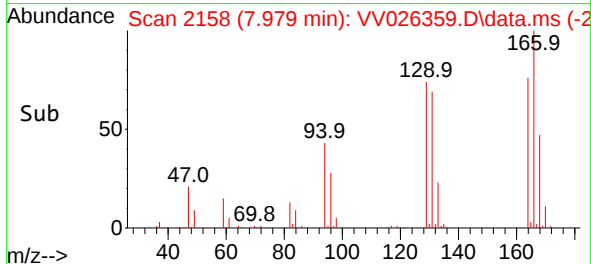
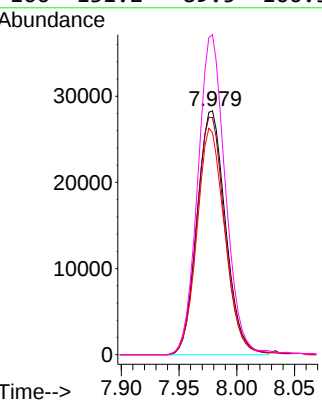
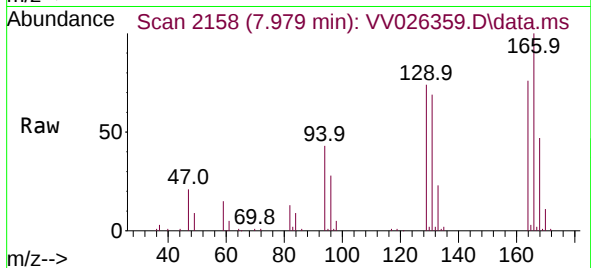
Ion Ratio Lower Upper

164 100

129 97.2 67.5 125.3

131 91.0 63.8 118.4

166 131.2 89.5 166.3



#49

Dibromochloromethane

Concen: 5.076 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV026359.D

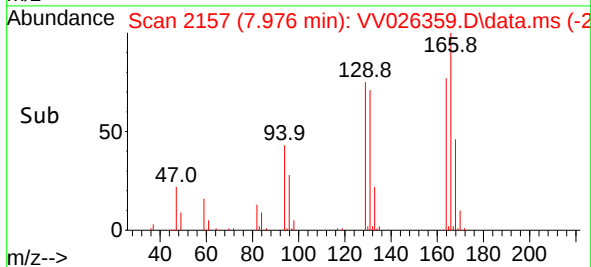
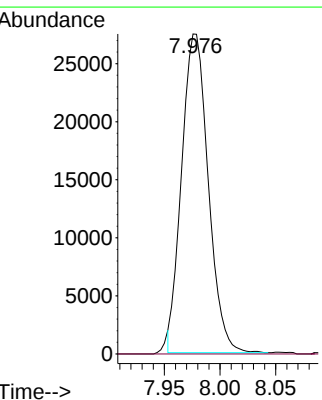
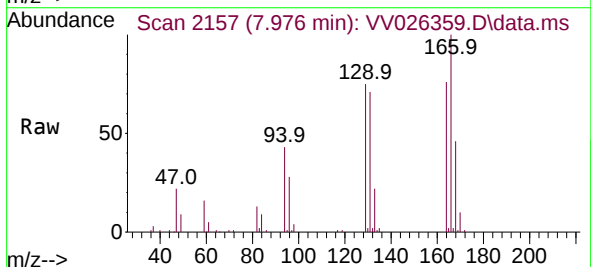
Acq: 17 Jun 2022 02:04

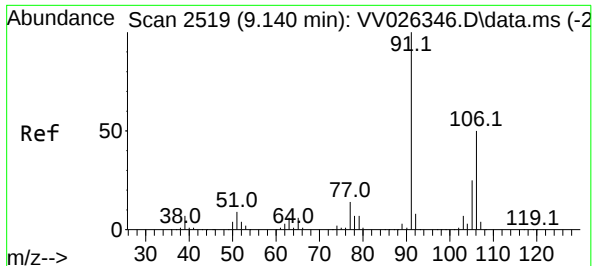
Tgt Ion:129 Resp: 45592

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#

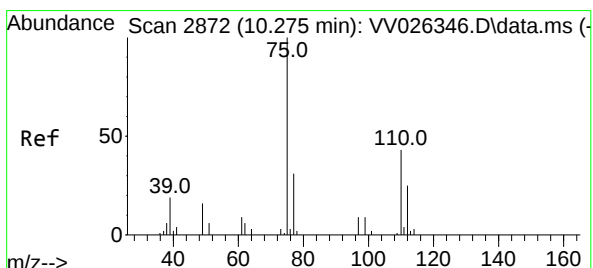
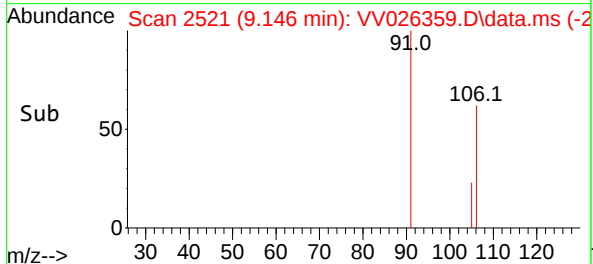
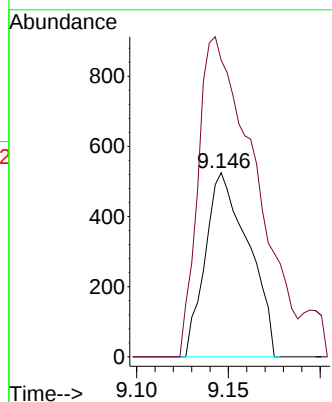
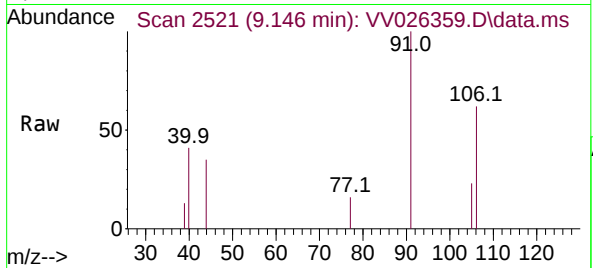




#53
m,p-Xylene
Concen: 0.044 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026359.D
Acq: 17 Jun 2022 02:04

Instrument :
MSVOA_V
ClientSampleId :
BGJ68

Tgt Ion:106 Resp: 857
Ion Ratio Lower Upper
106 100
91 161.1 141.3 262.3



#61
1,2,3-Trichloropropane
Concen: 1.746 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV026359.D
Acq: 17 Jun 2022 02:04

Tgt Ion: 75 Resp: 8525
Ion Ratio Lower Upper
75 100
77 30.6 26.9 40.3
110 1.9 30.7 46.1#

