

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026351.D
 Acq On : 16 Jun 2022 22:53
 Operator : SY/MD
 Sample : N3318-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ65

Quant Time: Jun 17 07:19:40 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	188600	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	180757	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	63990	3.906	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.581	69	56804	4.410	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.121	63	105861	3.763	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	3.928	46	78221	48.936	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.880%
24) Chloroform-d	4.362	84	119880	4.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.043	65	49345	4.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.060	84	220775	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.076	67	71287	5.054	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.320	98	181439	4.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	7.629	79	17044	3.727	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.092	63	65210	47.201	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.400%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43897	5.052	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	58647	5.221	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						Qvalue
8) Chloroethane	1.548	64	264043	26.126	ug/L #	49
12) 1,1-Dichloroethene	2.134	96	30911	2.594	ug/L #	85
14) Carbon disulfide	2.314	76	2399	0.082	ug/L #	94
17) Methyl tert-butyl Ether	2.783	73	16817	0.821	ug/L #	95
19) 1,1-Dichloroethane	3.208	63	7584	0.344	ug/L	97
22) cis-1,2-Dichloroethene	3.934	96	851	0.073	ug/L	85
25) Chloroform	4.388	83	5459	0.228	ug/L	97
27) 1,2-Dichloroethane	5.060	62	1326	0.122	ug/L #	71
29) 1,1,1-Trichloroethane	4.622	97	27716	1.388	ug/L	99
31) Carbon tetrachloride	4.622	117	3648	0.216	ug/L	99
34) Trichloroethene	5.918	95	226927	17.936	ug/L	98
35) Methylcyclohexane	6.076	83	17302	0.989	ug/L #	21
37) 1,2-Dichloropropane	6.076	63	7214	0.595	ug/L #	88
39) cis-1,3-Dichloropropene	6.998	75	1271	0.092	ug/L	90
47) Tetrachloroethene	7.979	164	5881	0.628	ug/L	94
49) Dibromochloromethane	7.976	129	6215	0.705	ug/L #	9
53) m,p-Xylene	9.146	106	1055	0.055	ug/L	99
61) 1,2,3-Trichloropropane	11.246	75	8398	1.774	ug/L #	65

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 17 06:57:04 2022
Response via : Initial Calibration

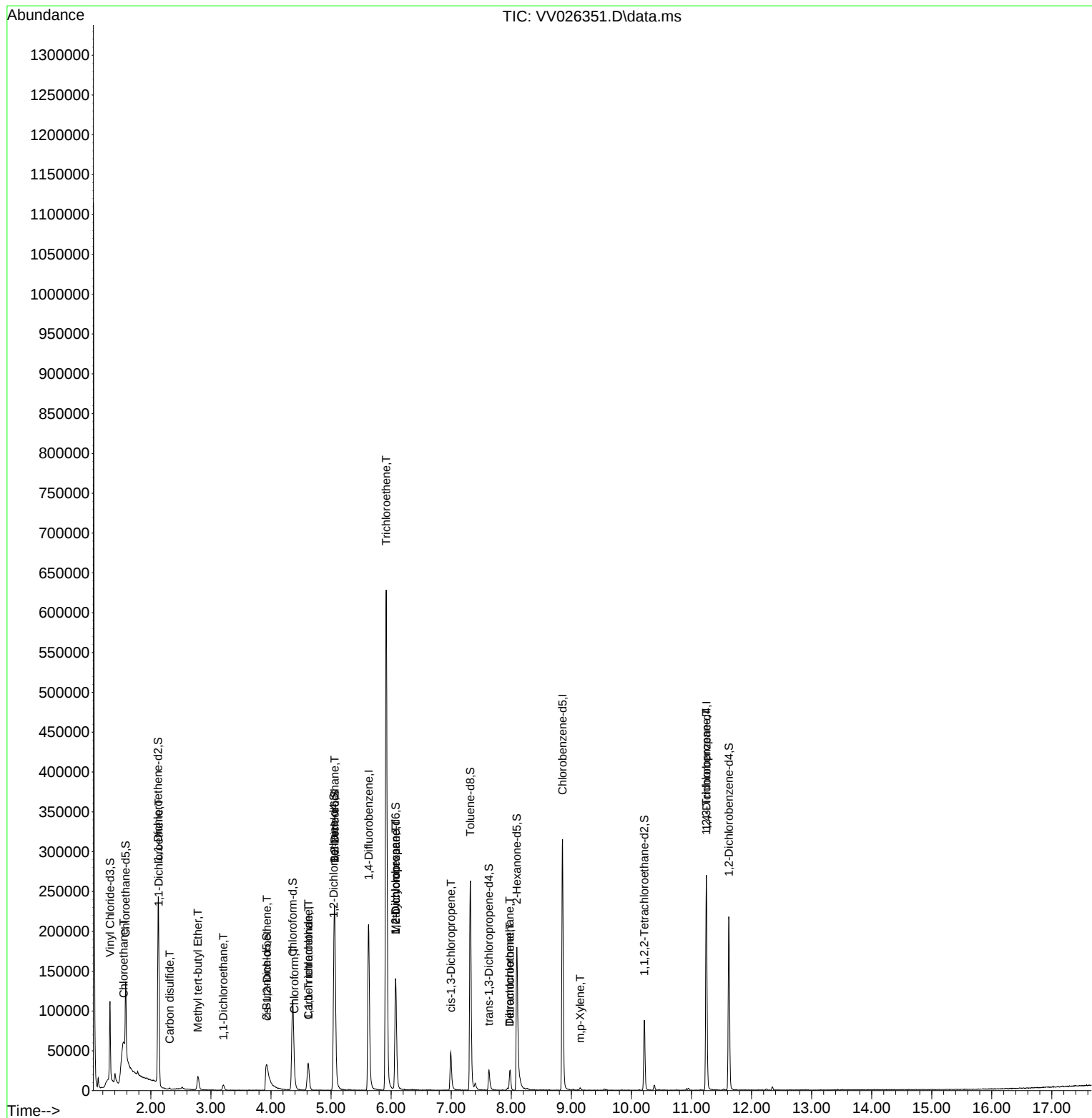
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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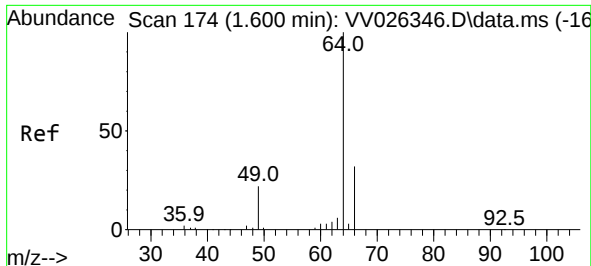
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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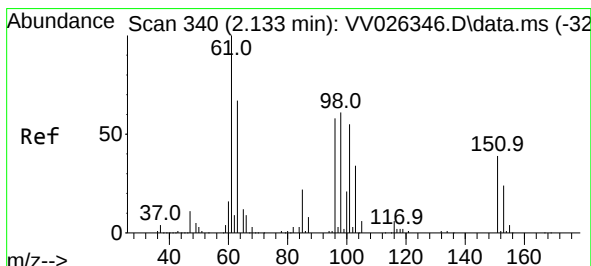
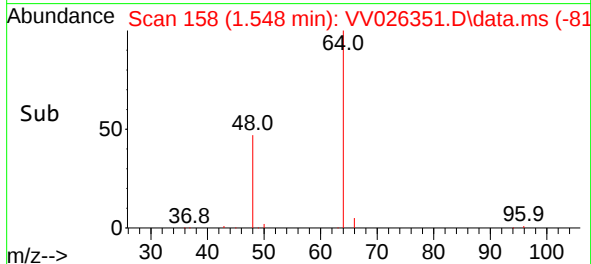
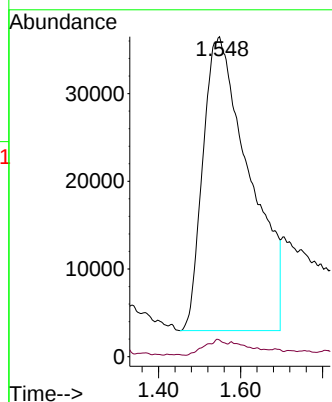
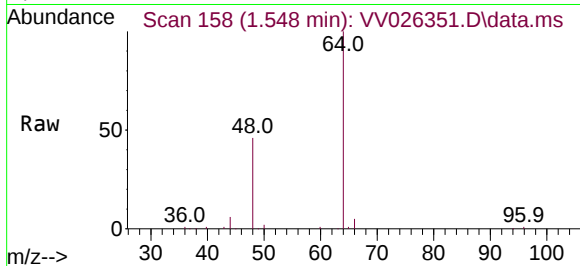




#8
Chloroethane
Concen: 26.126 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.051 min
Lab File: VV026351.D
Acq: 16 Jun 2022 22:53

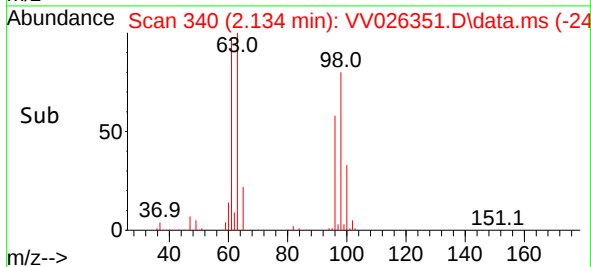
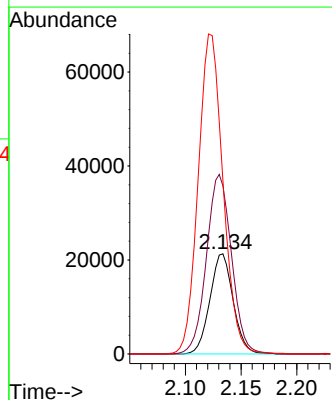
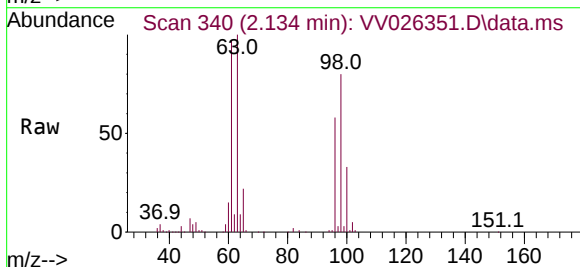
Instrument :
MSVOA_V
ClientSampleId :
BGJ65

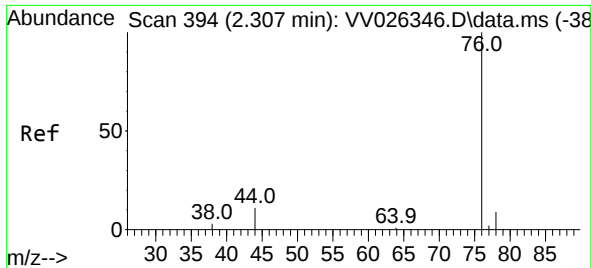
Tgt Ion: 64 Resp: 264043
Ion Ratio Lower Upper
64 100
66 5.2 24.1 44.7#



#12
1,1-Dichloroethene
Concen: 2.594 ug/L
RT: 2.134 min Scan# 340
Delta R.T. 0.000 min
Lab File: VV026351.D
Acq: 16 Jun 2022 22:53

Tgt Ion: 96 Resp: 30911
Ion Ratio Lower Upper
96 100
61 167.8 117.1 217.5
63 172.9 92.8 172.4#

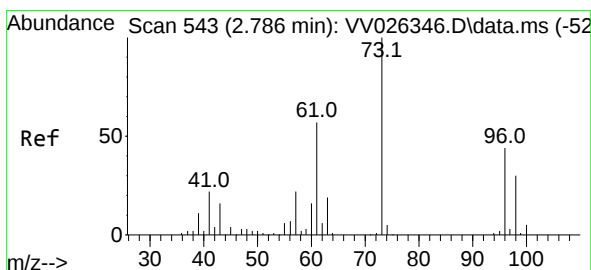
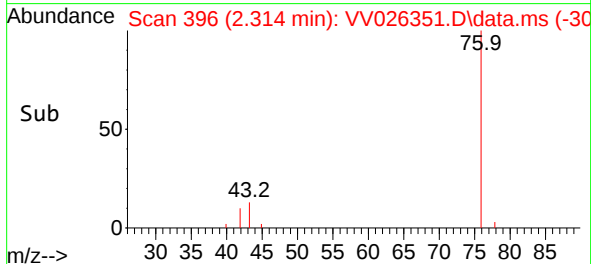
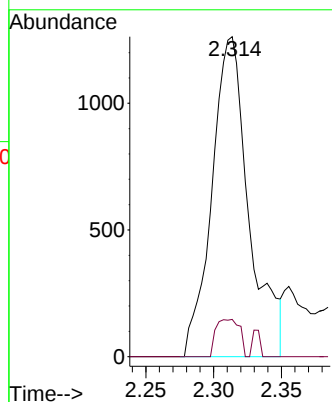
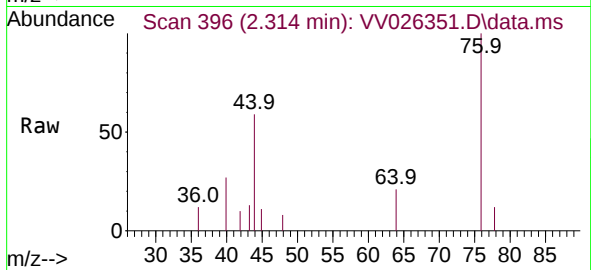




#14
Carbon disulfide
Concen: 0.082 ug/L
RT: 2.314 min Scan# 394
Delta R.T. 0.007 min
Lab File: VV026351.D
Acq: 16 Jun 2022 22:53

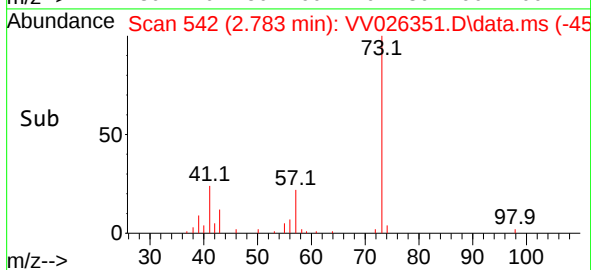
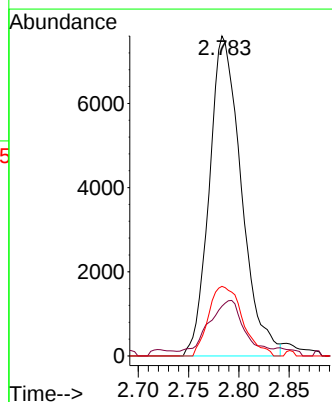
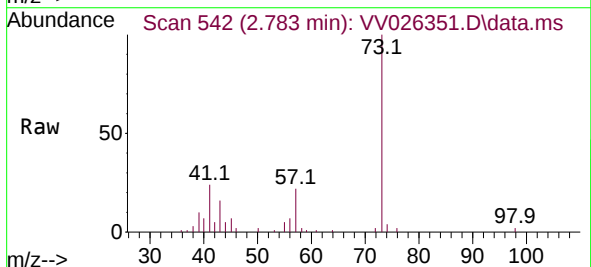
Instrument :
MSVOA_V
ClientSampleId :
BGJ65

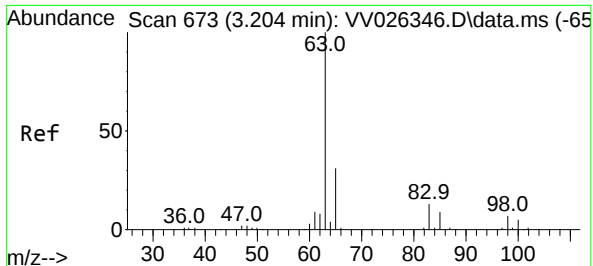
Tgt Ion: 76 Resp: 2399
Ion Ratio Lower Upper
76 100
78 11.6 7.7 11.5#



#17
Methyl tert-butyl Ether
Concen: 0.821 ug/L
RT: 2.783 min Scan# 542
Delta R.T. -0.003 min
Lab File: VV026351.D
Acq: 16 Jun 2022 22:53

Tgt Ion: 73 Resp: 16817
Ion Ratio Lower Upper
73 100
43 20.0 13.0 19.6#
57 23.0 17.6 26.4





#19

1,1-Dichloroethane

Concen: 0.344 ug/L

RT: 3.208 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV026351.D

Acq: 16 Jun 2022 22:53

Instrument :

MSVOA_V

ClientSampleId :

BGJ65

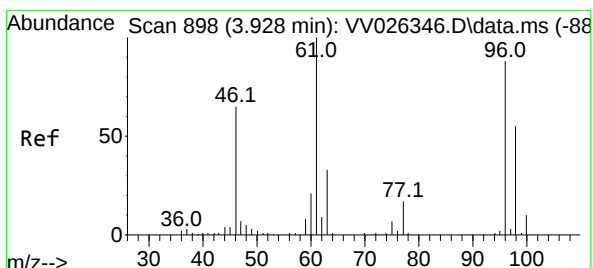
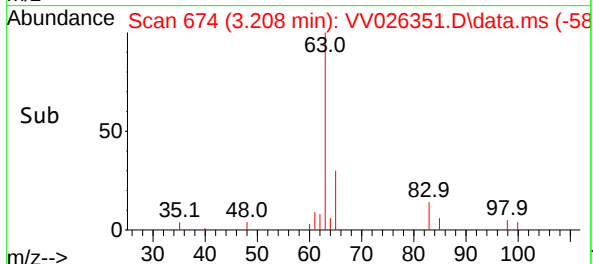
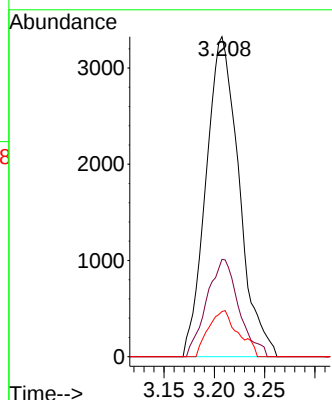
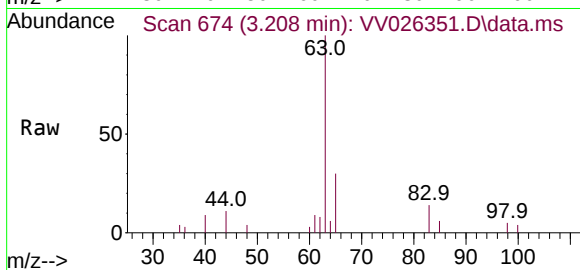
Tgt Ion: 63 Resp: 7584

Ion Ratio Lower Upper

63 100

65 30.4 22.3 41.3

83 14.1 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 0.073 ug/L

RT: 3.934 min Scan# 900

Delta R.T. 0.007 min

Lab File: VV026351.D

Acq: 16 Jun 2022 22:53

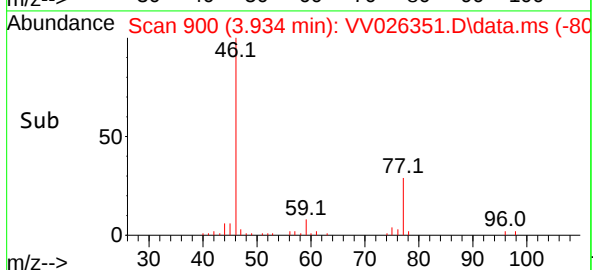
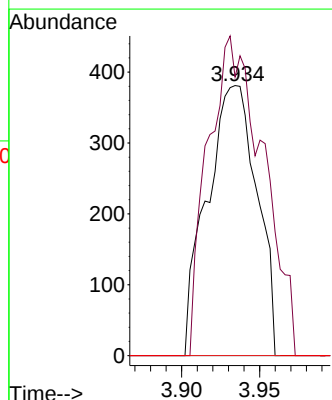
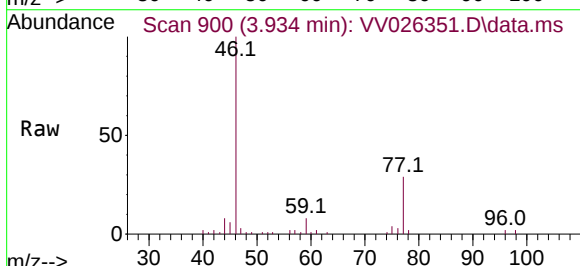
Tgt Ion: 96 Resp: 851

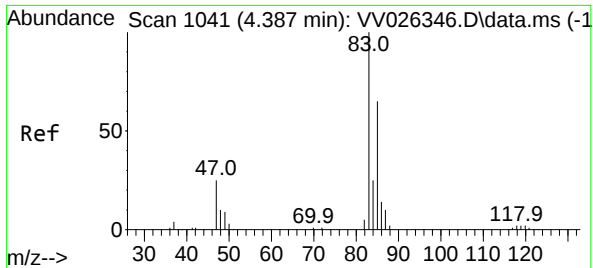
Ion Ratio Lower Upper

96 100

61 103.1 83.6 155.2

68 0.0 0.0 0.0

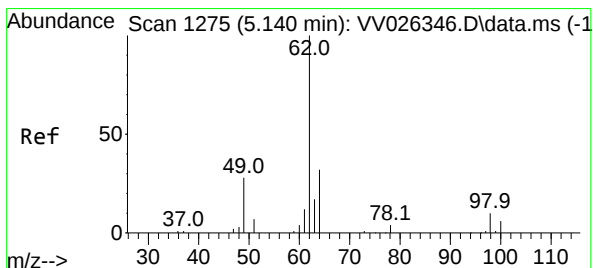
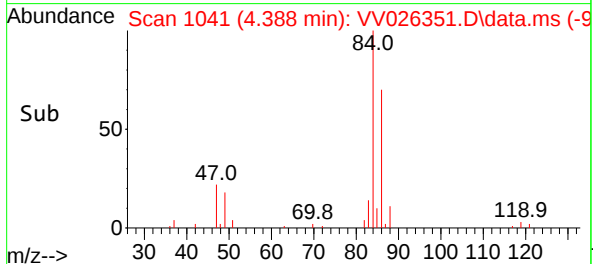
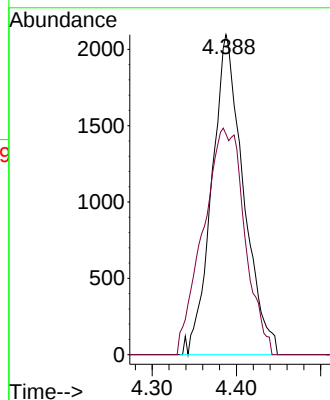
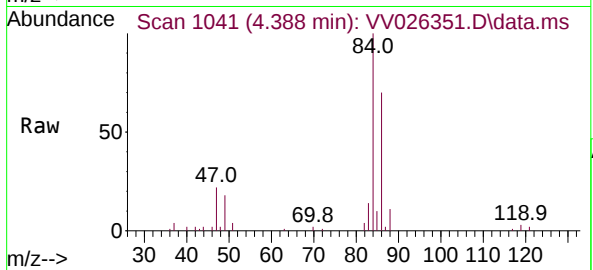




#25
Chloroform
Concen: 0.228 ug/L
RT: 4.388 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VV026351.D
Acq: 16 Jun 2022 22:53

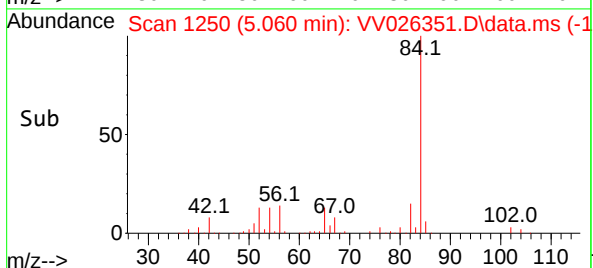
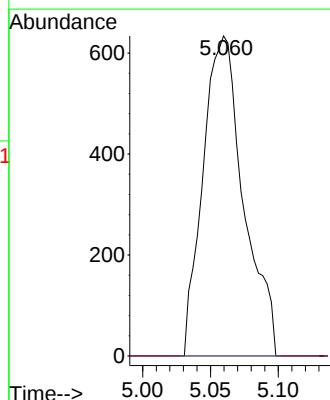
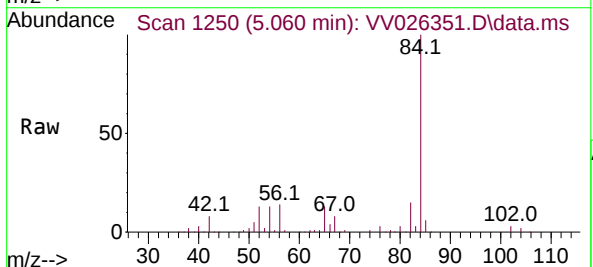
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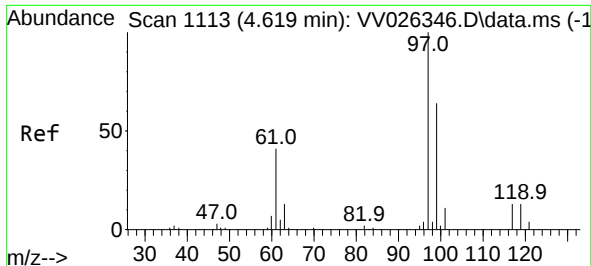
Tgt Ion: 83 Resp: 5459
Ion Ratio Lower Upper
83 100
85 68.9 46.5 86.3



#27
1,2-Dichloroethane
Concen: 0.122 ug/L
RT: 5.060 min Scan# 1250
Delta R.T. -0.080 min
Lab File: VV026351.D
Acq: 16 Jun 2022 22:53

Tgt Ion: 62 Resp: 1326
Ion Ratio Lower Upper
62 100
98 0.0 8.6 13.0#





#29

1,1,1-Trichloroethane

Concen: 1.388 ug/L

RT: 4.622 min Scan# 1114

Delta R.T. 0.003 min

Lab File: VV026351.D

Acq: 16 Jun 2022 22:53

Instrument :

MSVOA_V

ClientSampleId :

BGJ65

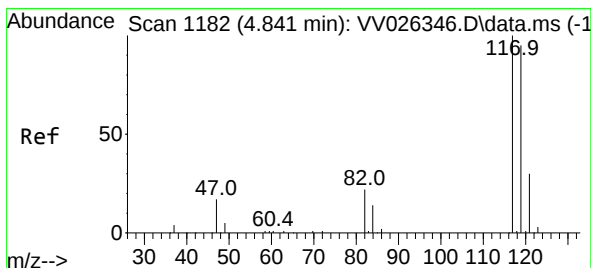
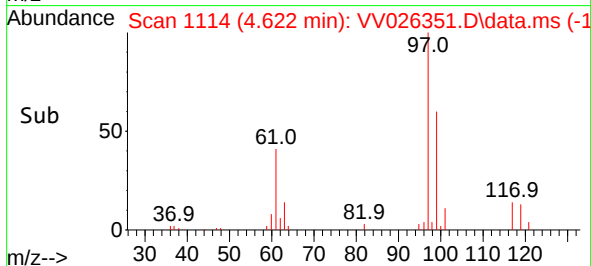
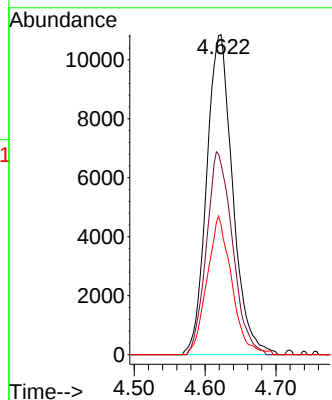
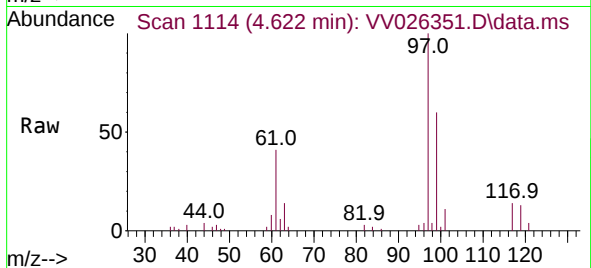
Tgt Ion: 97 Resp: 27716

Ion Ratio Lower Upper

97 100

99 63.4 50.3 75.5

61 41.0 33.4 50.0



#31

Carbon tetrachloride

Concen: 0.216 ug/L

RT: 4.622 min Scan# 1114

Delta R.T. -0.218 min

Lab File: VV026351.D

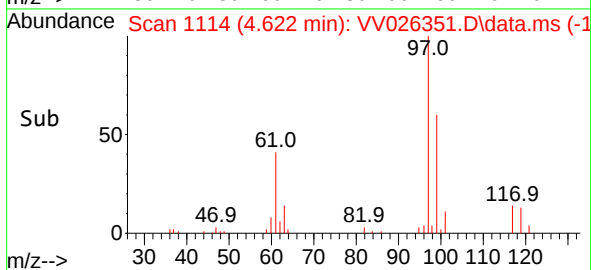
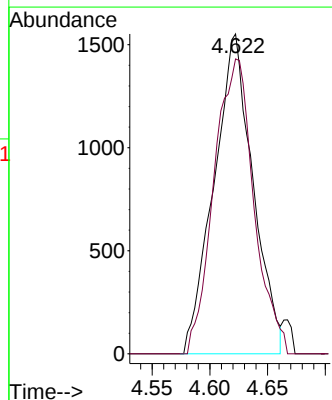
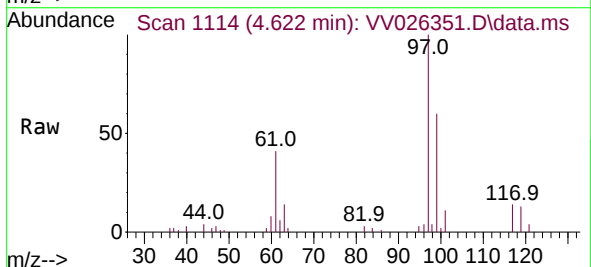
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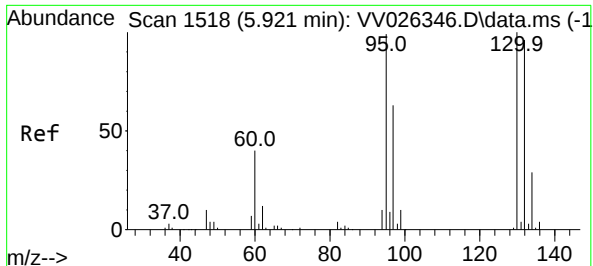
Tgt Ion: 117 Resp: 3648

Ion Ratio Lower Upper

117 100

119 94.2 76.2 114.4

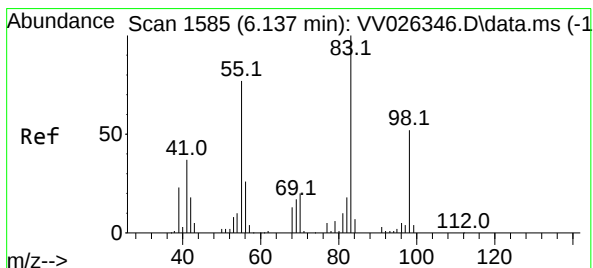
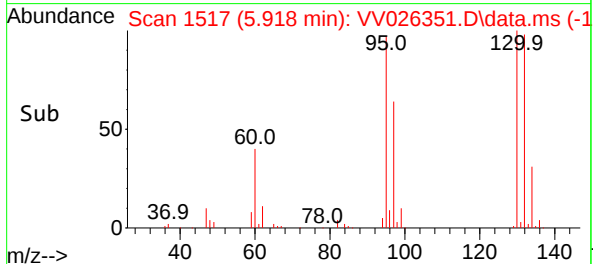
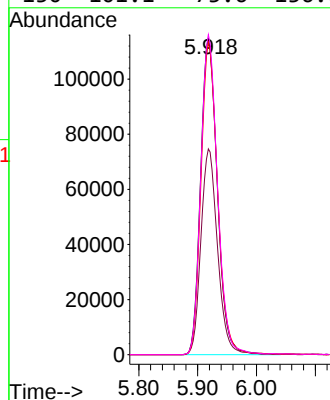
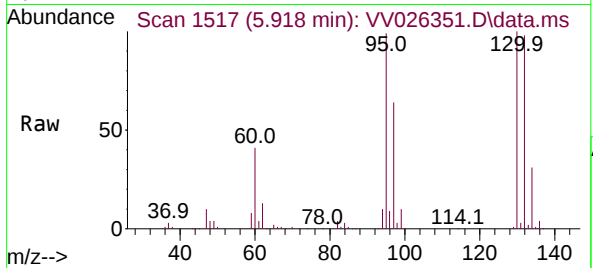




#34
Trichloroethene
Concen: 17.936 ug/L
RT: 5.918 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026351.D
Acq: 16 Jun 2022 22:53

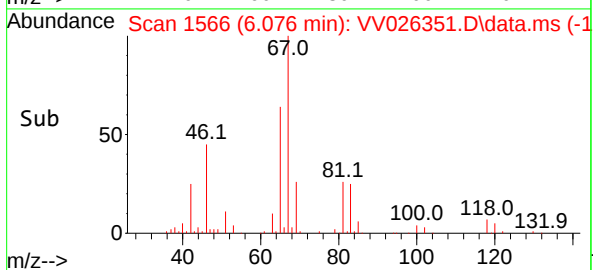
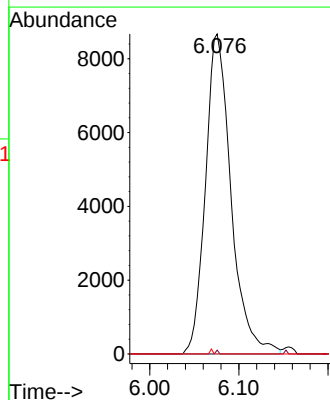
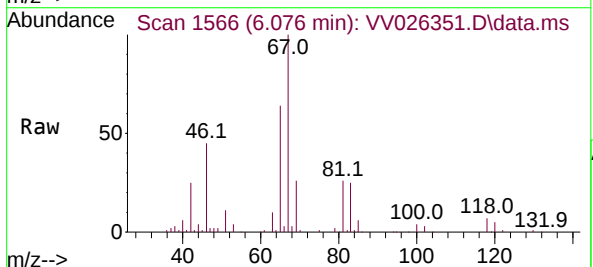
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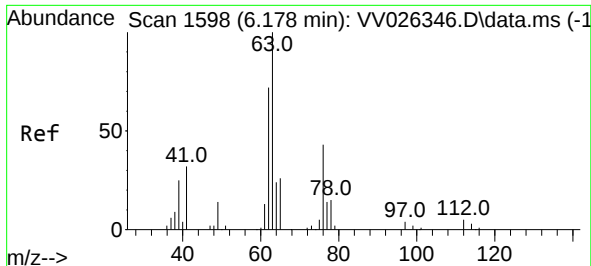
Tgt Ion: 95 Resp: 226927
Ion Ratio Lower Upper
95 100
97 65.0 46.5 86.3
132 98.6 68.8 127.8
130 101.1 73.6 136.6



#35
Methylcyclohexane
Concen: 0.989 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.061 min
Lab File: VV026351.D
Acq: 16 Jun 2022 22:53

Tgt Ion: 83 Resp: 17302
Ion Ratio Lower Upper
83 100
55 0.1 59.3 88.9#
98 4.6 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.595 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026351.D

Acq: 16 Jun 2022 22:53

Instrument :

MSVOA_V

ClientSampleId :

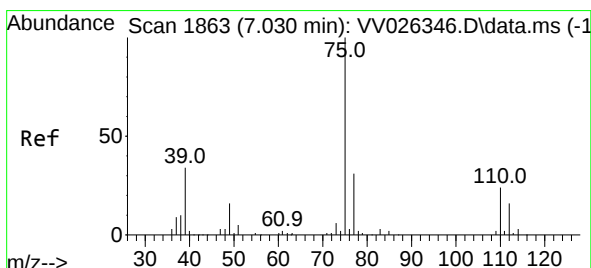
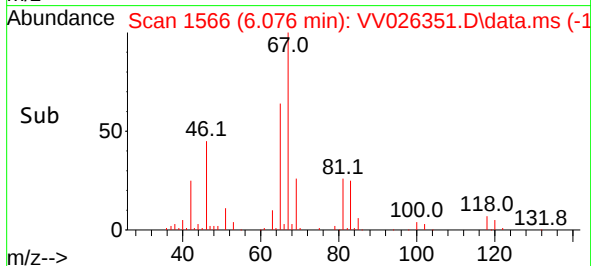
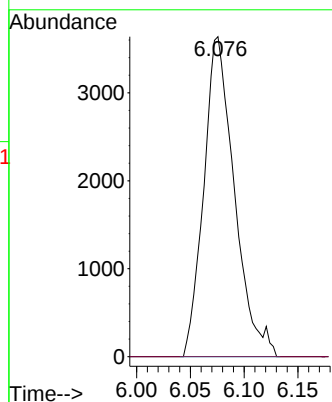
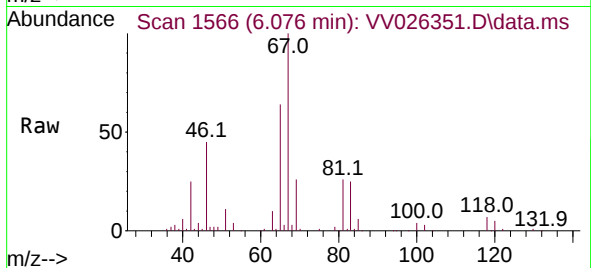
BGJ65

Tgt Ion: 63 Resp: 7214

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.998 min Scan# 1853

Delta R.T. -0.032 min

Lab File: VV026351.D

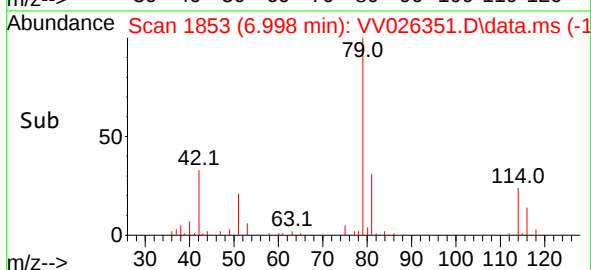
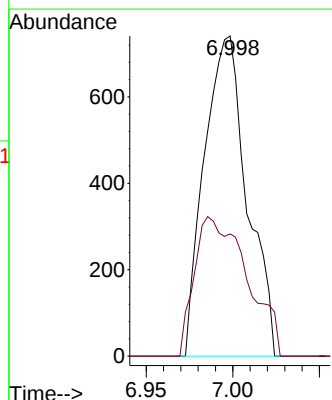
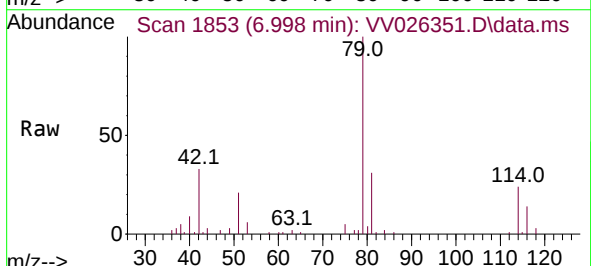
Acq: 16 Jun 2022 22:53

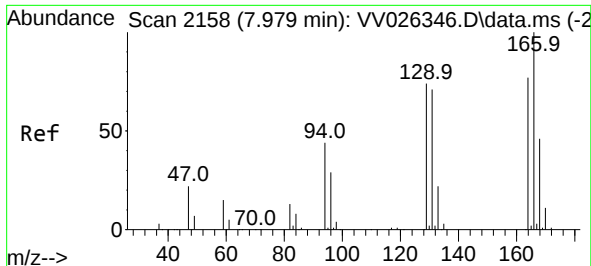
Tgt Ion: 75 Resp: 1271

Ion Ratio Lower Upper

75 100

77 38.2 23.0 42.6





#47

Tetrachloroethene

Concen: 0.628 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.000 min

Lab File: VV026351.D

Acq: 16 Jun 2022 22:53

Instrument :

MSVOA_V

ClientSampleId :

BGJ65

Tgt Ion:164 Resp: 5881

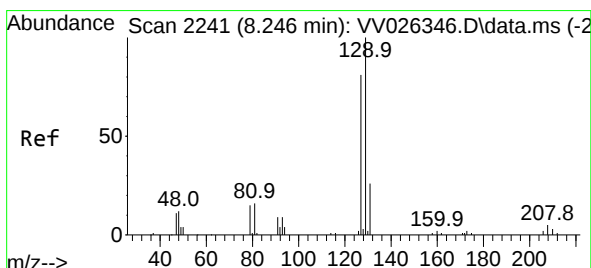
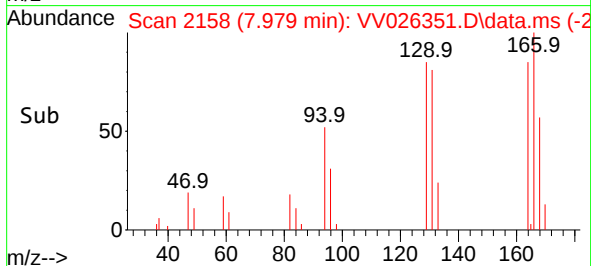
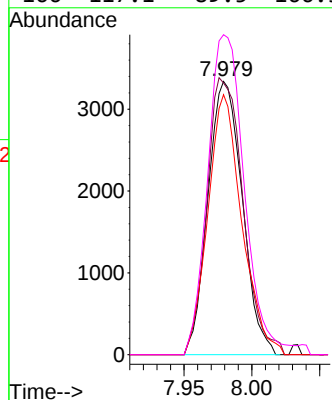
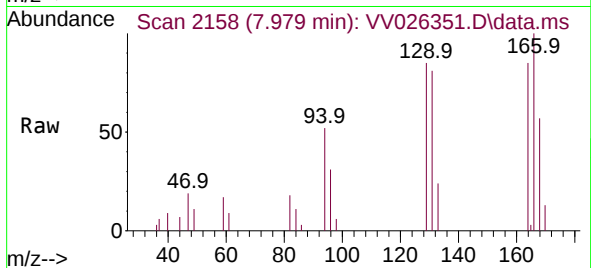
Ion Ratio Lower Upper

164 100

129 99.4 67.5 125.3

131 95.1 63.8 118.4

166 117.1 89.5 166.3



#49

Dibromochloromethane

Concen: 0.705 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV026351.D

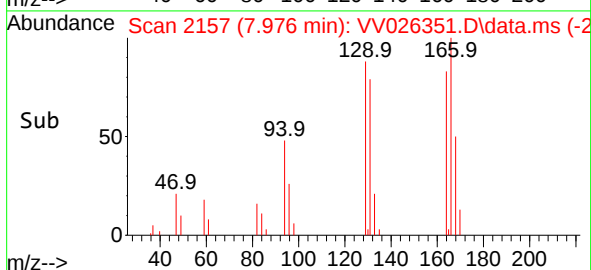
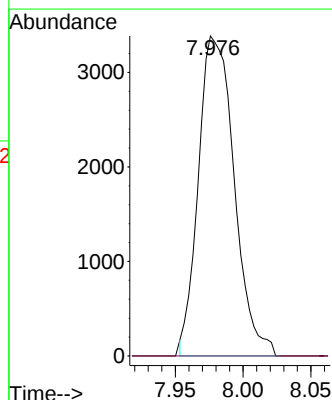
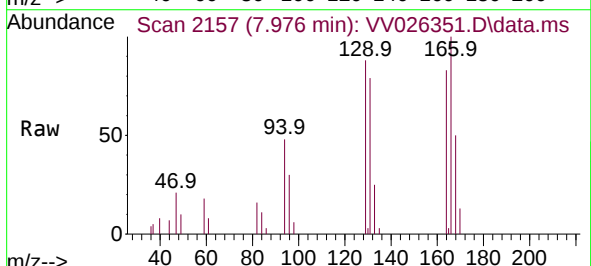
Acq: 16 Jun 2022 22:53

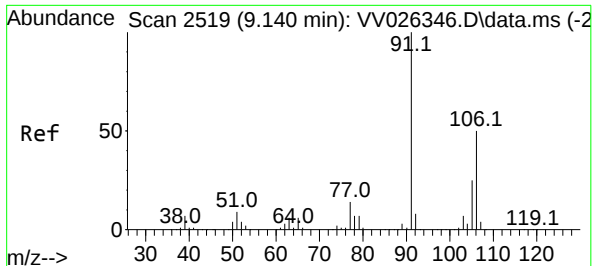
Tgt Ion:129 Resp: 6215

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#





#53

m,p-Xylene

Concen: 0.055 ug/L

RT: 9.146 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV026351.D

Acq: 16 Jun 2022 22:53

Instrument :

MSVOA_V

ClientSampleId :

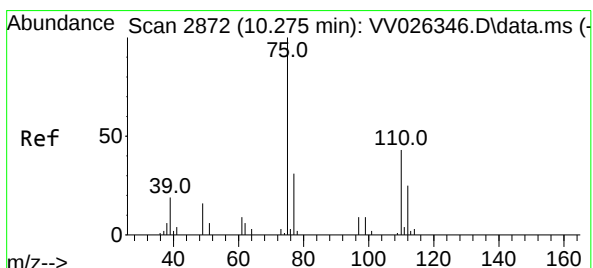
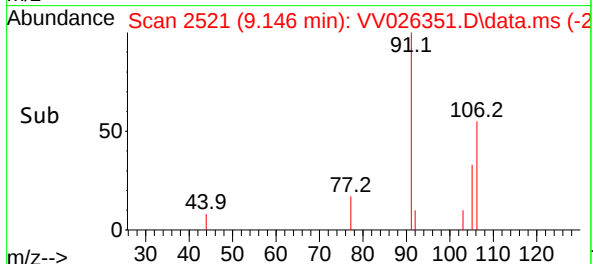
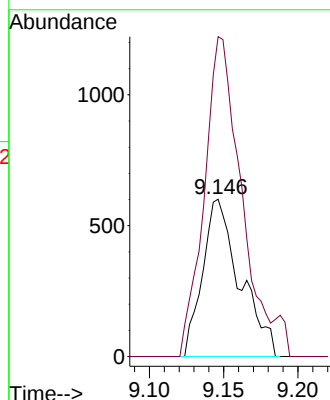
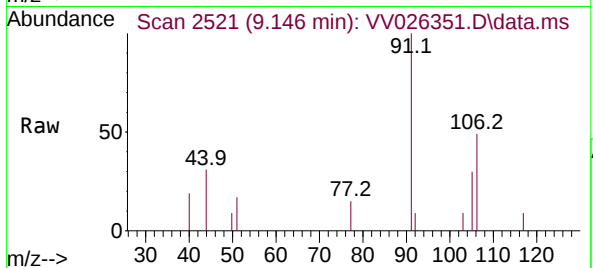
BGJ65

Tgt Ion:106 Resp: 1055

Ion Ratio Lower Upper

106 100

91 203.3 141.3 262.3



#61

1,2,3-Trichloropropane

Concen: 1.774 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.971 min

Lab File: VV026351.D

Acq: 16 Jun 2022 22:53

Tgt Ion: 75 Resp: 8398

Ion Ratio Lower Upper

75 100

77 30.5 26.9 40.3

110 1.7 30.7 46.1#

