

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026366.D
 Acq On : 17 Jun 2022 04:51
 Operator : SY/MD
 Sample : N3318-12 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ66

Quant Time: Jun 17 07:23:32 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	189996	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	179499	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72467	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	61143	3.705	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.200%	
7) Chloroethane-d5	1.584	69	55055	4.243	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.800%	
11) 1,1-Dichloroethene-d2	2.124	63	88278	3.115	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	62.400%	
20) 2-Butanone-d5	3.928	46	76183	47.311	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	94.620%	
24) Chloroform-d	4.362	84	119106	4.924	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
26) 1,2-Dichloroethane-d4	5.043	65	48872	4.776	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.600%	
32) Benzene-d6	5.059	84	220765	4.600	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
36) 1,2-Dichloropropane-d6	6.076	67	68970	4.924	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.400%	
41) Toluene-d8	7.320	98	171918	3.929	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.600%	
43) trans-1,3-Dichloroprop...	7.629	79	12762	2.810	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	56.200%	
46) 2-Hexanone-d5	8.092	63	57459	41.882	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.760%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42252	4.897	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	54850	4.914	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.200%	
Target Compounds						Qvalue
3) Chloromethane	1.259	50	881	0.056	ug/L	84
5) Vinyl chloride	1.327	62	11732	0.715	ug/L #	1
8) Chloroethane	1.519	64	323299	31.754	ug/L #	48
12) 1,1-Dichloroethene	2.134	96	3193	0.266	ug/L #	1
14) Carbon disulfide	2.310	76	4709	0.159	ug/L	99
16) Methylene chloride	2.523	84	7953	0.519	ug/L	92
18) trans-1,2-Dichloroethene	2.786	96	719	0.062	ug/L	82
19) 1,1-Dichloroethane	3.207	63	13069	0.589	ug/L	95
22) cis-1,2-Dichloroethene	3.931	96	23087	1.960	ug/L	97
34) Trichloroethene	5.928	95	8112	0.646	ug/L	97
35) Methylcyclohexane	6.076	83	17153	0.987	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	7326	0.609	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	999	0.073	ug/L #	55
47) Tetrachloroethene	7.982	164	2331	0.250	ug/L	96
49) Dibromochloromethane	7.979	129	2190	0.250	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	8293	1.764	ug/L #	65

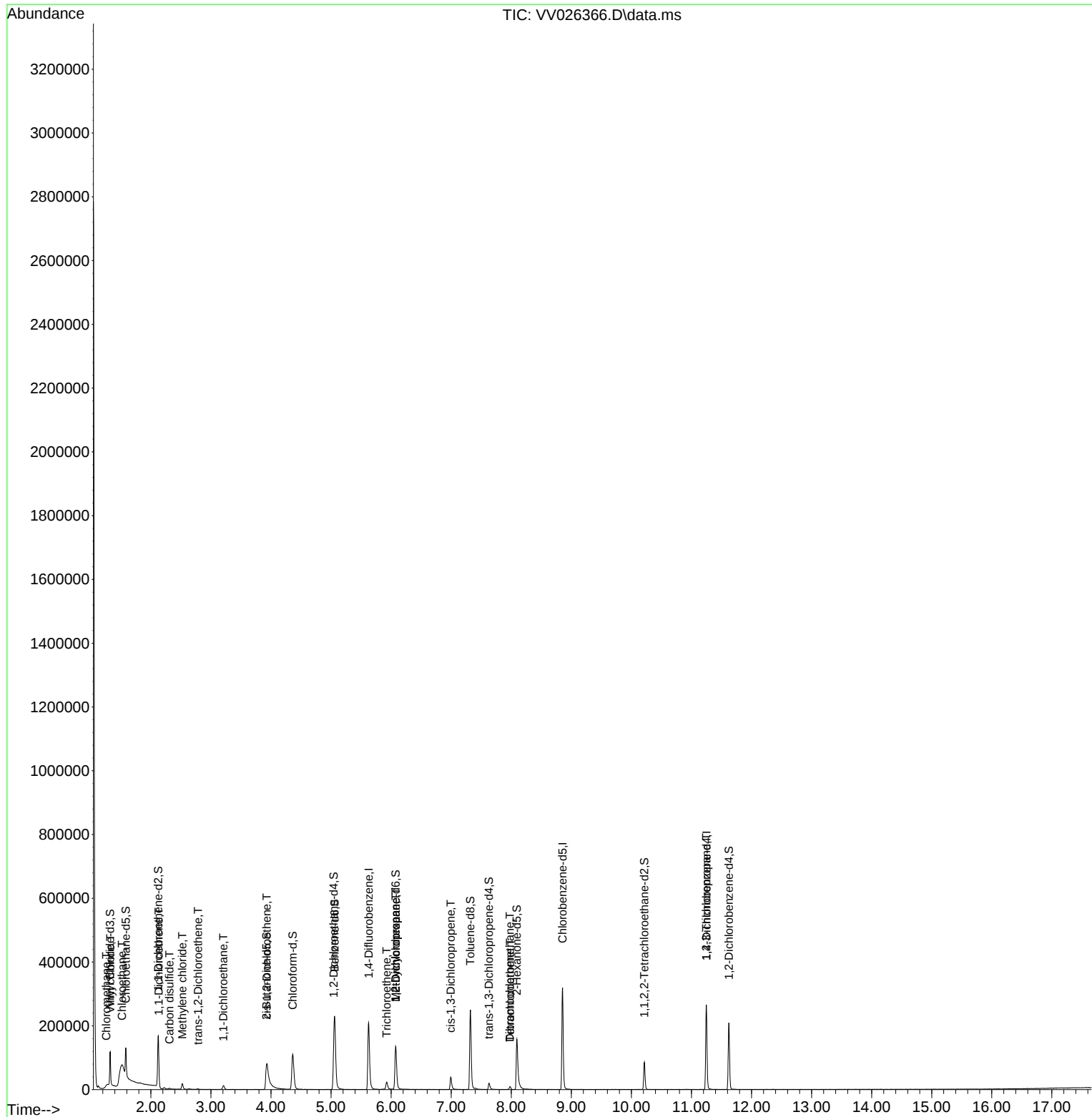
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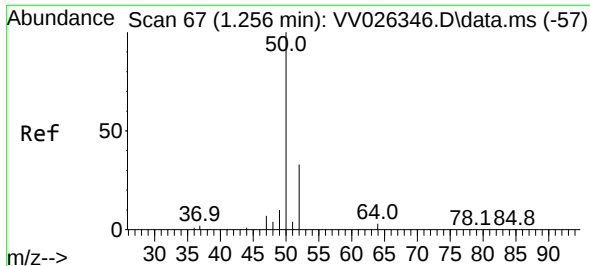
Instrument :
MSVOA_V
ClientSampleId :
BGJ66

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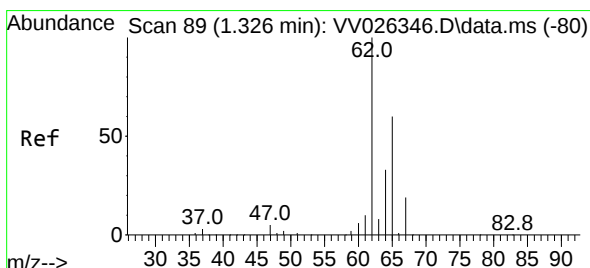
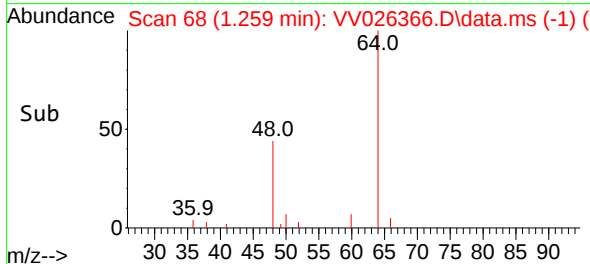
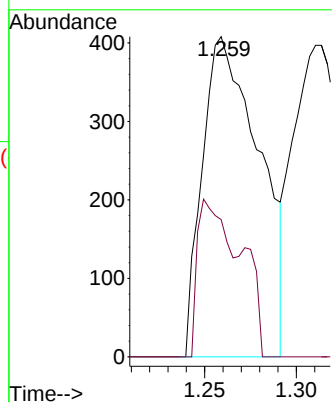
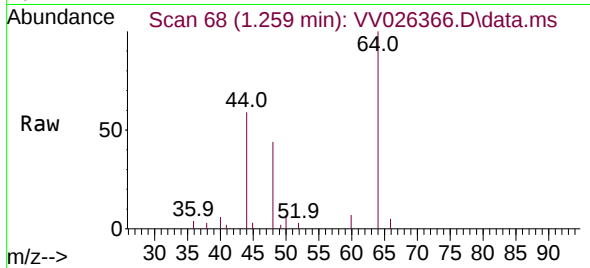




#3
Chloromethane
Concen: 0.056 ug/L
RT: 1.259 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026366.D
Acq: 17 Jun 2022 04:51

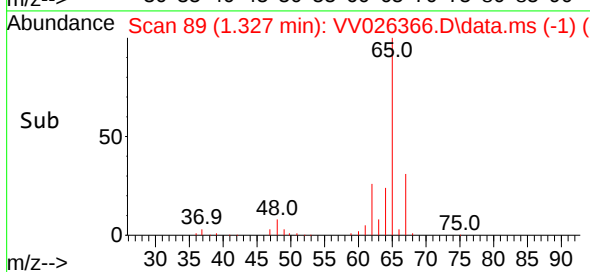
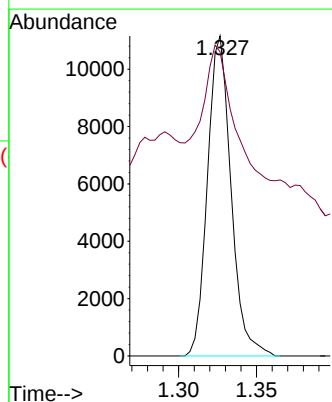
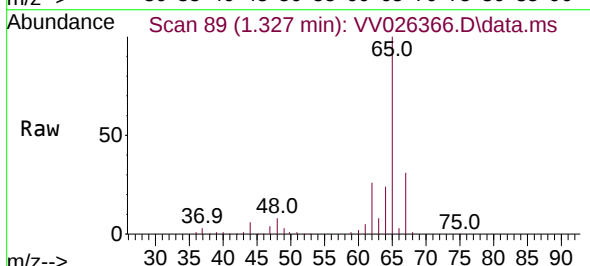
Instrument :
MSVOA_V
ClientSampleId :
BGJ66

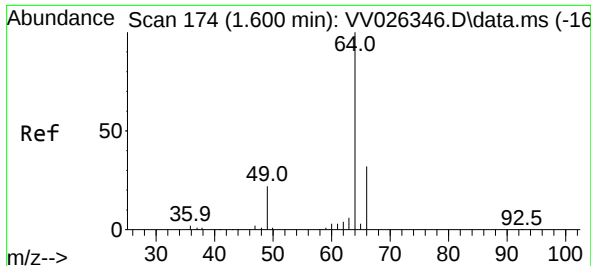
Tgt Ion: 50 Resp: 881
Ion Ratio Lower Upper
50 100
52 42.9 23.7 44.1



#5
Vinyl chloride
Concen: 0.715 ug/L
RT: 1.327 min Scan# 89
Delta R.T. 0.000 min
Lab File: VV026366.D
Acq: 17 Jun 2022 04:51

Tgt Ion: 62 Resp: 11732
Ion Ratio Lower Upper
62 100
64 95.1 23.2 43.2#

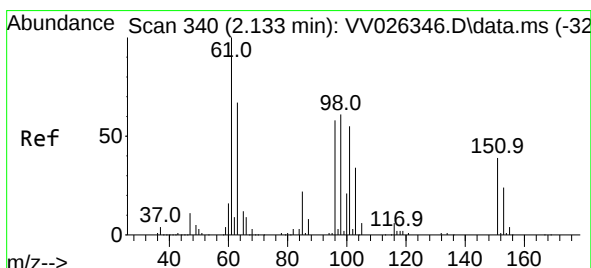
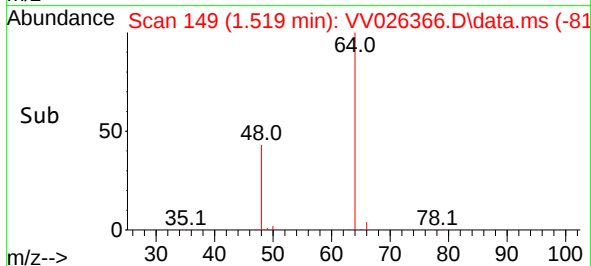
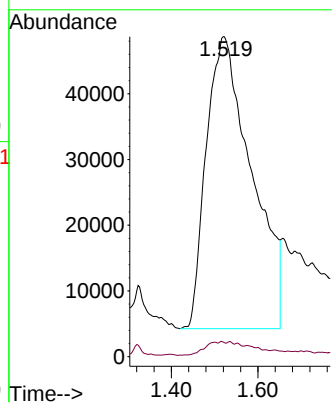
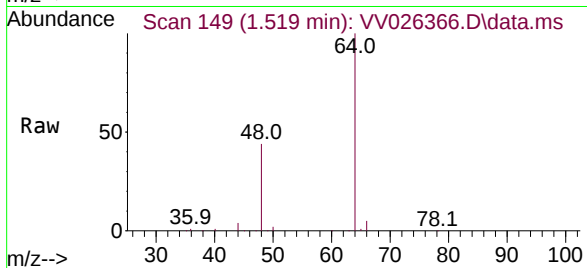




#8
Chloroethane
Concen: 31.754 ug/L
RT: 1.519 min Scan# 14
Delta R.T. -0.080 min
Lab File: VV026366.D
Acq: 17 Jun 2022 04:51

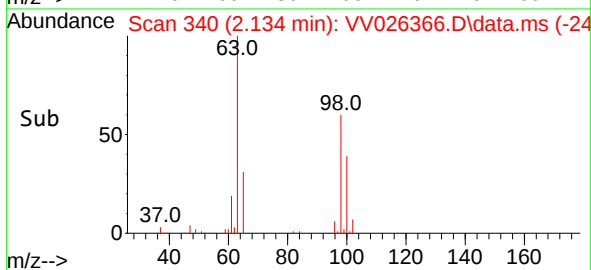
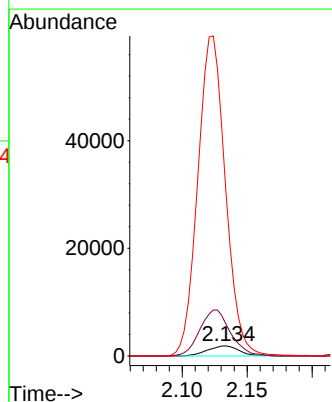
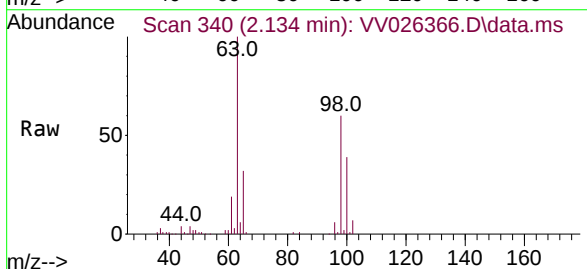
Instrument :
MSVOA_V
ClientSampleId :
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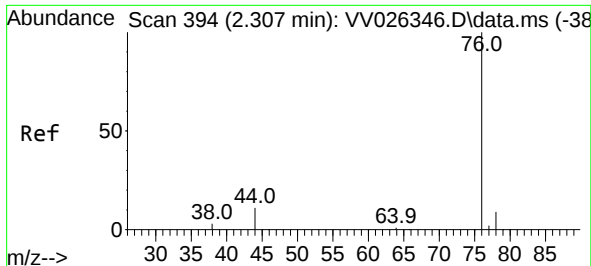
Tgt Ion: 64 Resp: 323299
Ion Ratio Lower Upper
64 100
66 4.6 24.1 44.7#



#12
1,1-Dichloroethene
Concen: 0.266 ug/L
RT: 2.134 min Scan# 340
Delta R.T. 0.000 min
Lab File: VV026366.D
Acq: 17 Jun 2022 04:51

Tgt Ion: 96 Resp: 3193
Ion Ratio Lower Upper
96 100
61 321.6 117.1 217.5#
63 1655.9 92.8 172.4#

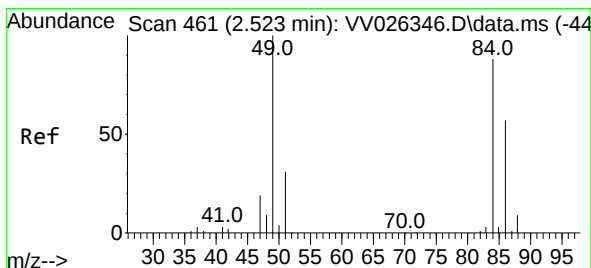
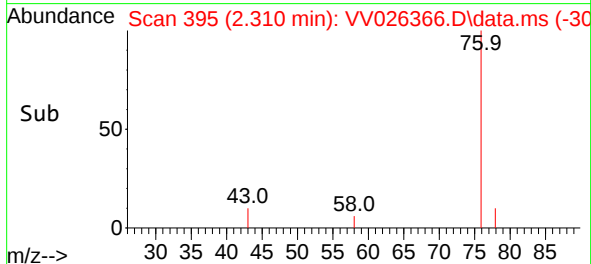
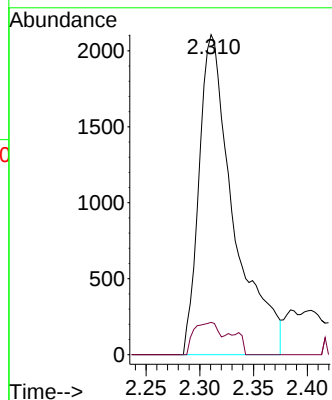
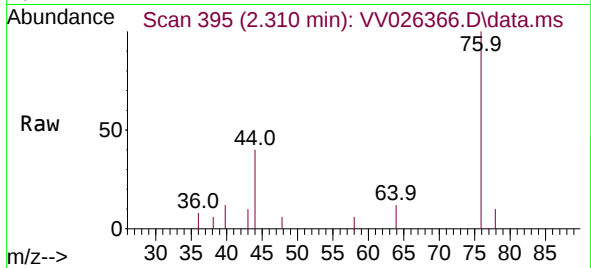




#14
Carbon disulfide
Concen: 0.159 ug/L
RT: 2.310 min Scan# 394
Delta R.T. 0.003 min
Lab File: VV026366.D
Acq: 17 Jun 2022 04:51

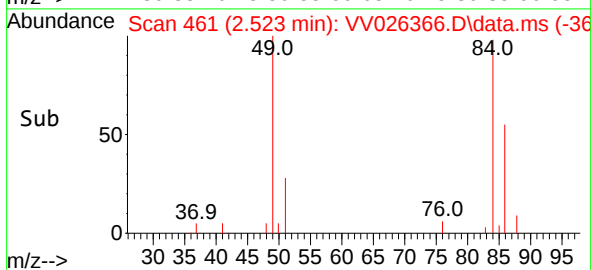
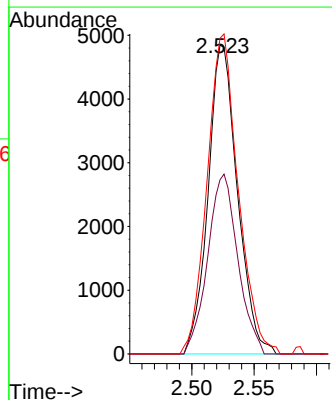
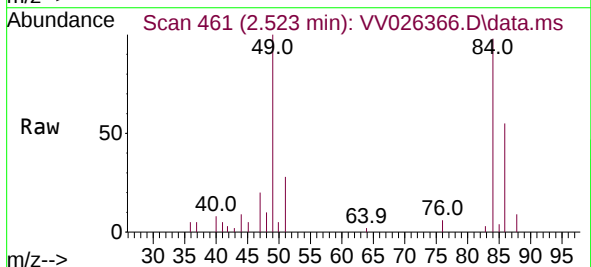
Instrument :
MSVOA_V
ClientSampleId :
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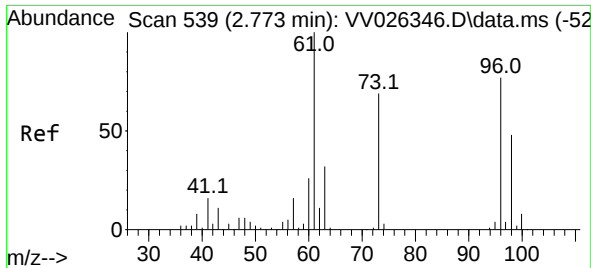
Tgt Ion: 76 Resp: 4709
Ion Ratio Lower Upper
76 100
78 10.1 7.7 11.5



#16
Methylene chloride
Concen: 0.519 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.000 min
Lab File: VV026366.D
Acq: 17 Jun 2022 04:51

Tgt Ion: 84 Resp: 7953
Ion Ratio Lower Upper
84 100
86 56.4 44.0 81.8
49 102.2 77.3 143.7

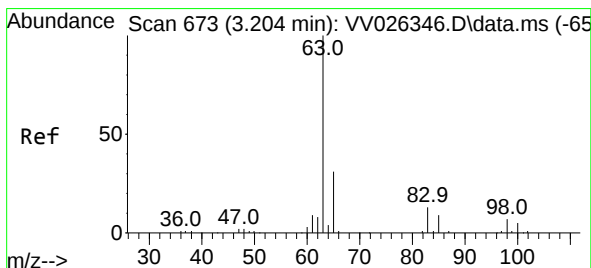
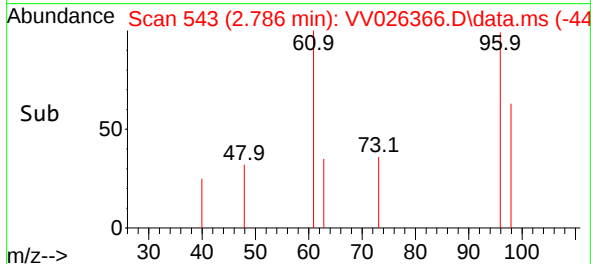
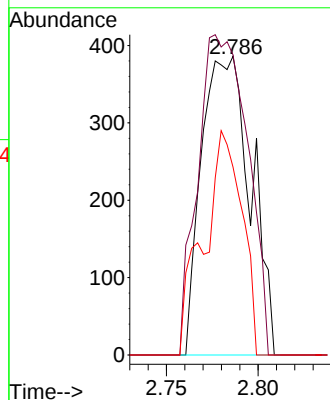
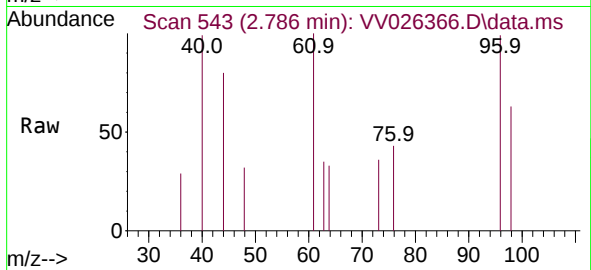




#18
trans-1,2-Dichloroethene
Concen: 0.062 ug/L
RT: 2.786 min Scan# 541
Delta R.T. 0.013 min
Lab File: VV026366.D
Acq: 17 Jun 2022 04:51

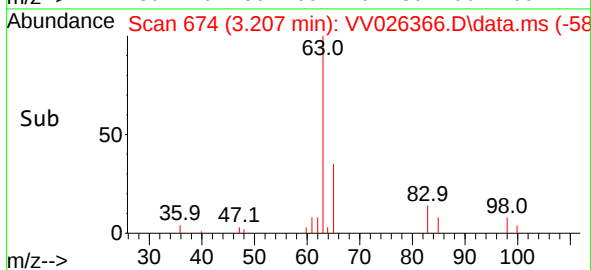
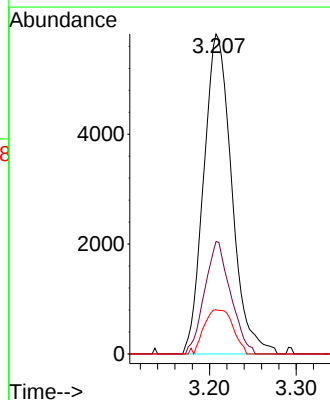
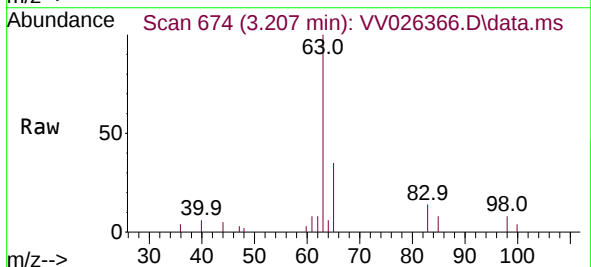
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ClientSampleId :
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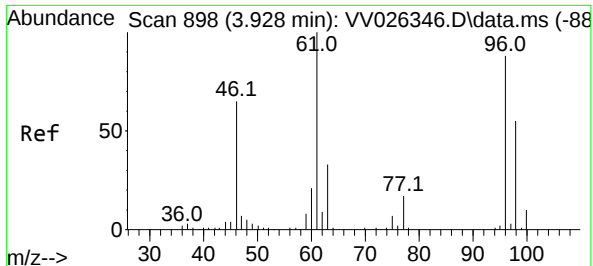
Tgt Ion: 96 Resp: 719
Ion Ratio Lower Upper
96 100
61 100.5 91.3 169.6
98 63.0 45.3 84.1



#19
1,1-Dichloroethane
Concen: 0.589 ug/L
RT: 3.207 min Scan# 674
Delta R.T. 0.003 min
Lab File: VV026366.D
Acq: 17 Jun 2022 04:51

Tgt Ion: 63 Resp: 13069
Ion Ratio Lower Upper
63 100
65 35.2 22.3 41.3
83 13.8 8.9 16.5





#22

cis-1,2-Dichloroethene

Concen: 1.960 ug/L

RT: 3.931 min Scan# 89

Delta R.T. 0.003 min

Lab File: VV026366.D

Acq: 17 Jun 2022 04:51

Instrument :

MSVOA_V

ClientSampleId :

BGJ66

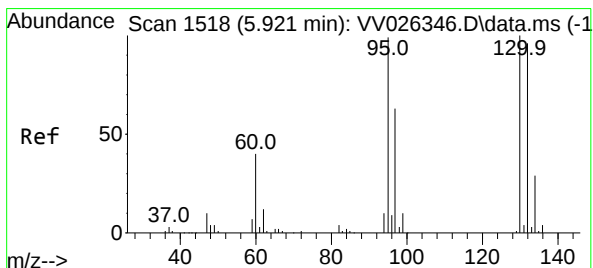
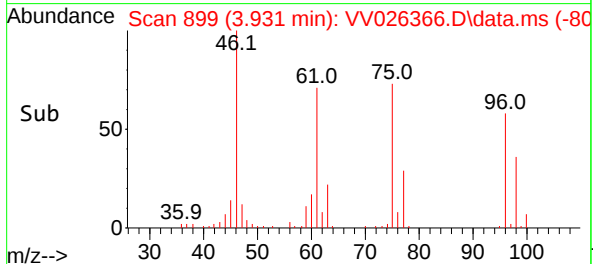
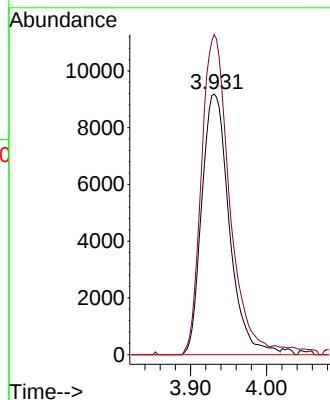
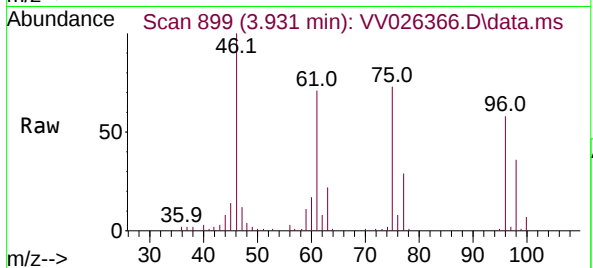
Tgt Ion: 96 Resp: 23087

Ion Ratio Lower Upper

96 100

61 122.7 83.6 155.2

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 0.646 ug/L

RT: 5.928 min Scan# 1520

Delta R.T. 0.007 min

Lab File: VV026366.D

Acq: 17 Jun 2022 04:51

Tgt Ion: 95 Resp: 8112

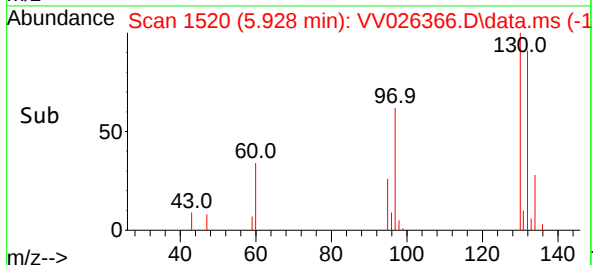
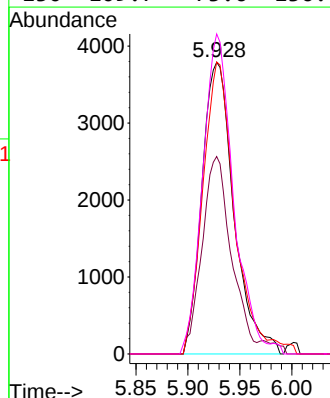
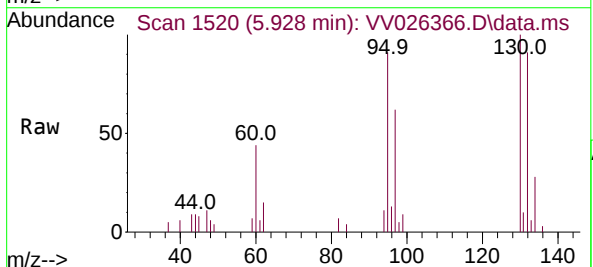
Ion Ratio Lower Upper

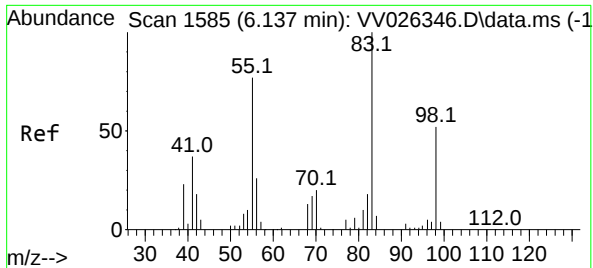
95 100

97 67.7 46.5 86.3

132 100.1 68.8 127.8

130 109.7 73.6 136.6

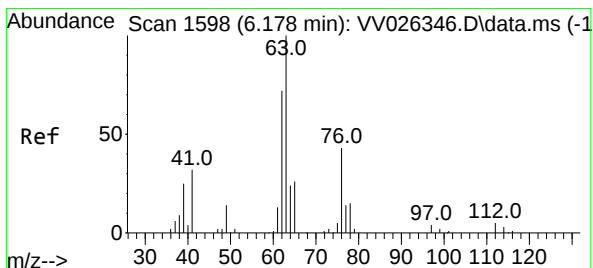
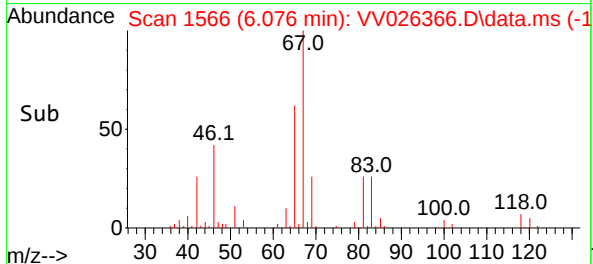
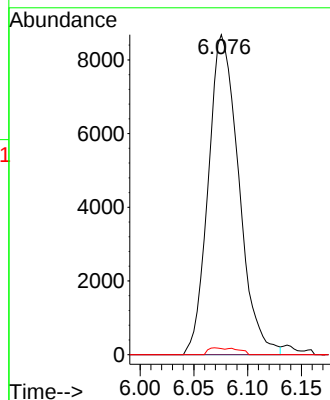
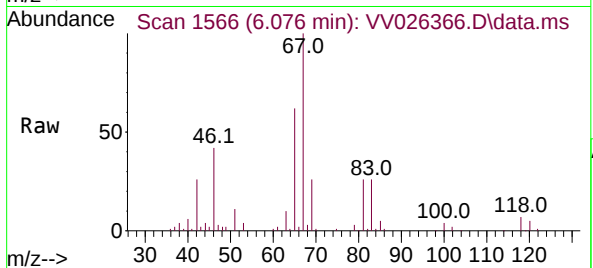




#35
Methylcyclohexane
Concen: 0.987 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.061 min
Lab File: VV026366.D
Acq: 17 Jun 2022 04:51

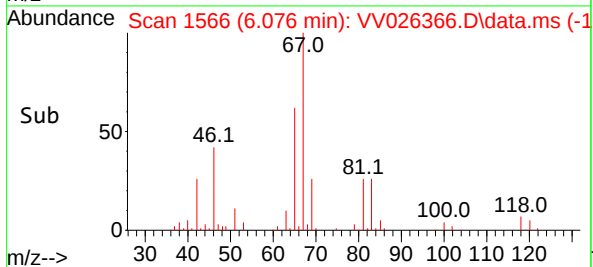
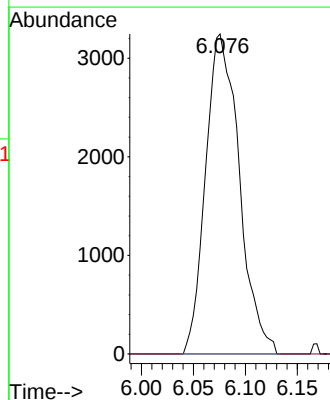
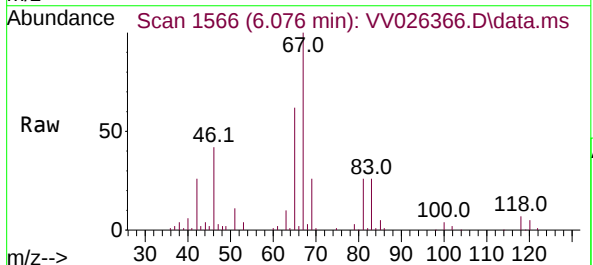
Instrument :
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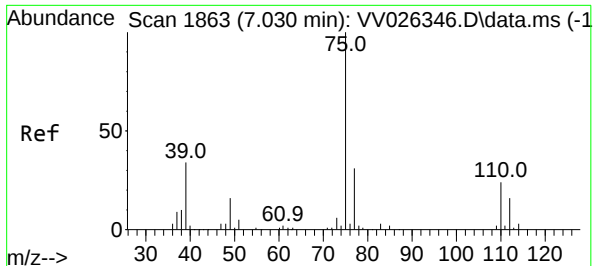
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.3	88.9#
98	1.1	39.9	59.9#



#37
1,2-Dichloropropane
Concen: 0.609 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.103 min
Lab File: VV026366.D
Acq: 17 Jun 2022 04:51

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.3	4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV026366.D

Acq: 17 Jun 2022 04:51

Instrument :

MSVOA_V

ClientSampleId :

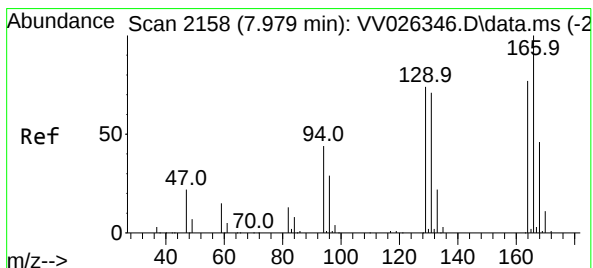
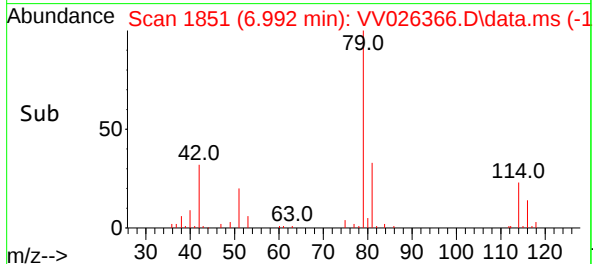
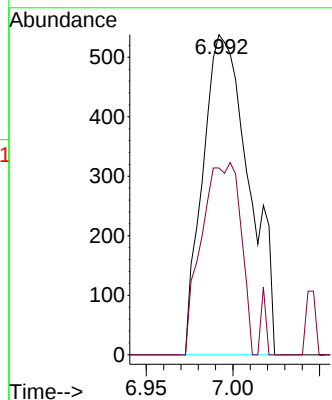
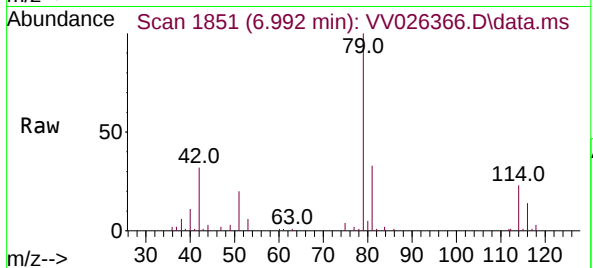
BGJ66

Tgt Ion: 75 Resp: 999

Ion Ratio Lower Upper

75 100

77 58.4 23.0 42.6#



#47

Tetrachloroethene

Concen: 0.250 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.003 min

Lab File: VV026366.D

Acq: 17 Jun 2022 04:51

Tgt Ion: 164 Resp: 2331

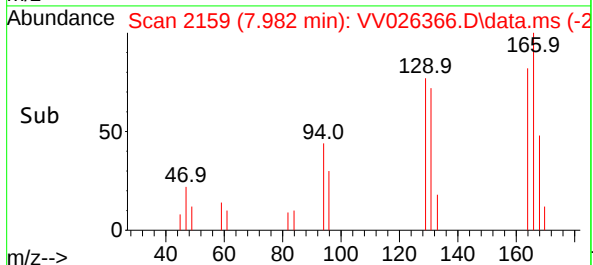
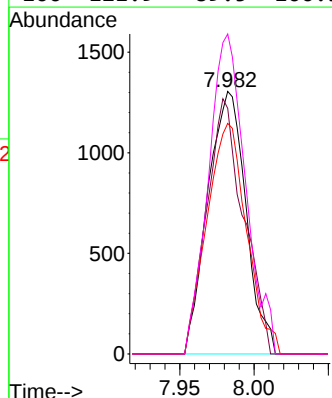
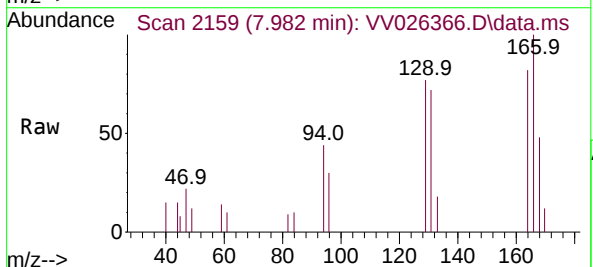
Ion Ratio Lower Upper

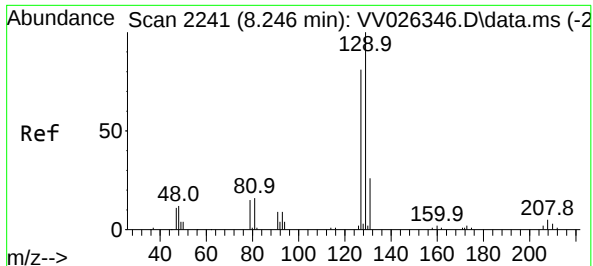
164 100

129 93.6 67.5 125.3

131 87.8 63.8 118.4

166 121.9 89.5 166.3





#49

Dibromochloromethane

Concen: 0.250 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026366.D

Acq: 17 Jun 2022 04:51

Instrument :

MSVOA_V

ClientSampleId :

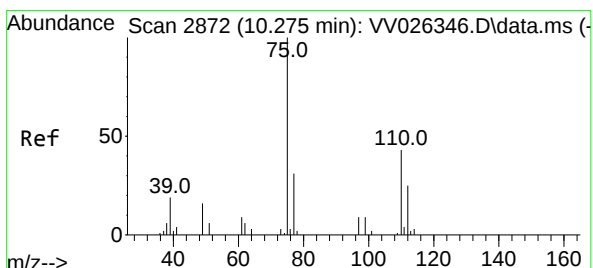
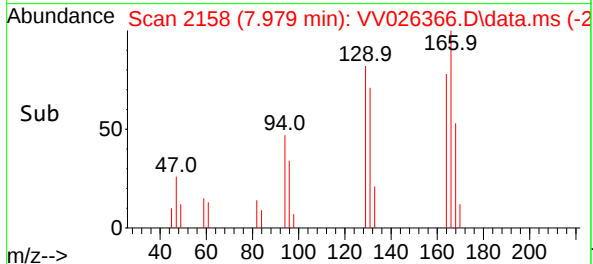
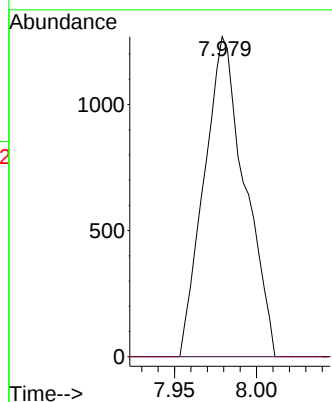
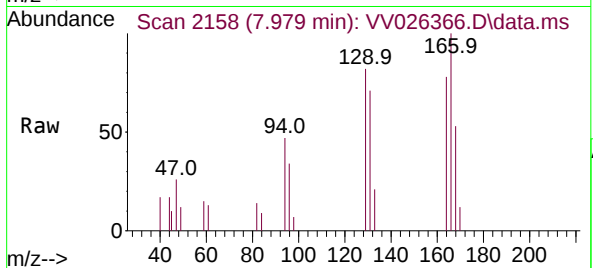
BGJ66

Tgt Ion:129 Resp: 2190

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#



#61

1,2,3-Trichloropropane

Concen: 1.764 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.971 min

Lab File: VV026366.D

Acq: 17 Jun 2022 04:51

Tgt Ion: 75 Resp: 8293

Ion Ratio Lower Upper

75 100

77 30.7 26.9 40.3

110 1.4 30.7 46.1#

