

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061722\
 Data File : VW026391.D
 Acq On : 17 Jun 2022 19:40
 Operator : SY/MD
 Sample : N3318-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ68

Quant Time: Jun 18 01:17:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 01:02:22 2022
 Response via : Initial Calibration

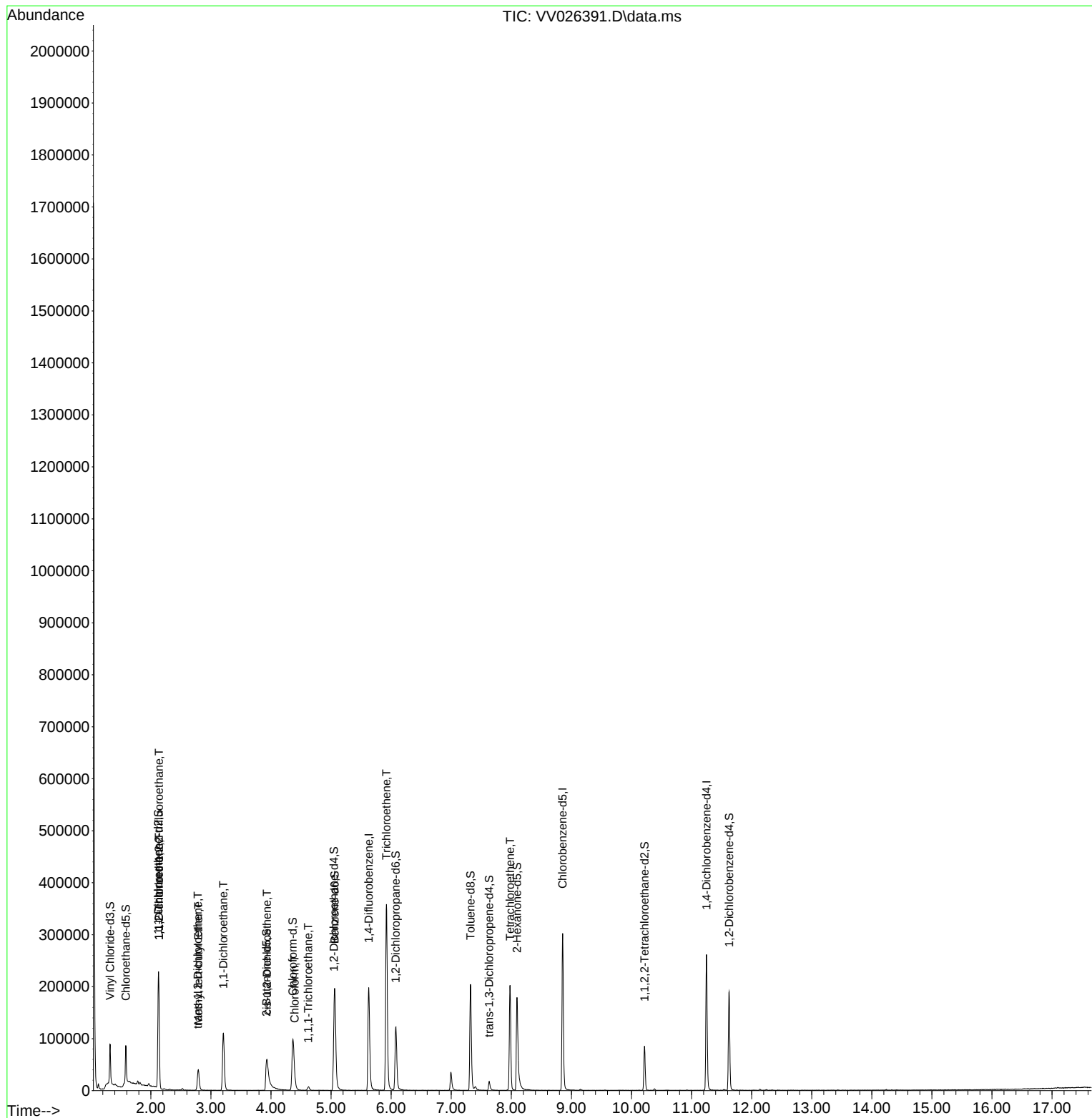
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	176935	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	172604	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71907	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	47640	3.100	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.000%	
7) Chloroethane-d5	1.584	69	44948	3.720	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.400%	
11) 1,1-Dichloroethene-d2	2.124	63	90513	3.430	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.600%	
20) 2-Butanone-d5	3.924	46	81694	54.479	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.960%	
24) Chloroform-d	4.362	84	103000	4.573	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
26) 1,2-Dichloroethane-d4	5.047	65	43051	4.518	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
32) Benzene-d6	5.059	84	183946	3.986	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.800%	
36) 1,2-Dichloropropane-d6	6.075	67	62203	4.619	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.400%	
41) Toluene-d8	7.320	98	143129	3.402	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.000%#	
43) trans-1,3-Dichloroprop...	7.632	79	11469	2.626	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	52.600%#	
46) 2-Hexanone-d5	8.095	63	63967	48.489	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.980%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42760	5.154	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	51833	4.680	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
Target Compounds						
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.134	101	4361	0.357	ug/L	93
12) 1,1-Dichloroethene	2.134	96	37488	3.354	ug/L	91
17) Methyl tert-butyl Ether	2.789	73	37502	1.951	ug/L	97
18) trans-1,2-Dichloroethene	2.780	96	1618	0.149	ug/L	85
19) 1,1-Dichloroethane	3.207	63	113115	5.471	ug/L	99
22) cis-1,2-Dichloroethene	3.934	96	15242	1.390	ug/L	91
25) Chloroform	4.391	83	14103	0.629	ug/L	99
29) 1,1,1-Trichloroethane	4.619	97	5860	0.307	ug/L	98
34) Trichloroethene	5.921	95	128353	10.624	ug/L	98
47) Tetrachloroethene	7.979	164	45617	5.098	ug/L	97

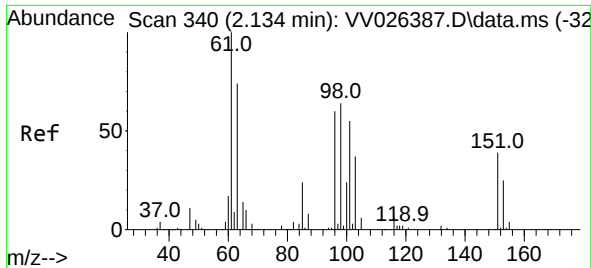
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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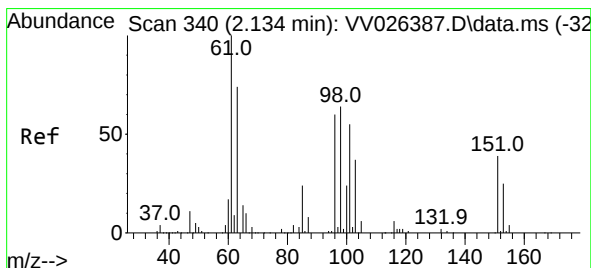
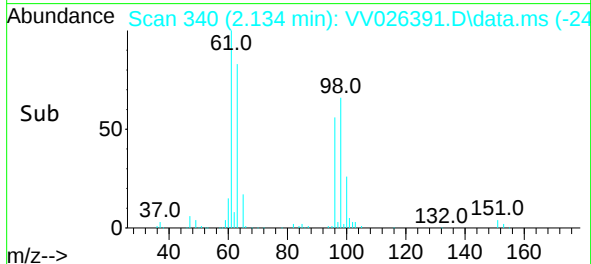
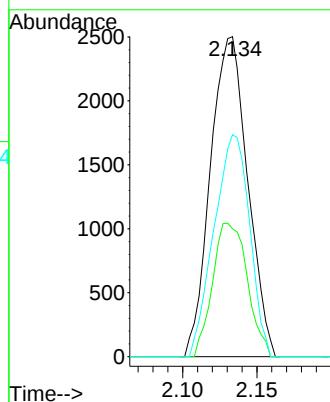
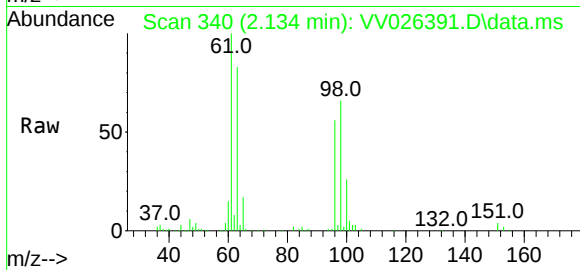




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.357 ug/L
 RT: 2.134 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VV026391.D
 Acq: 17 Jun 2022 19:40

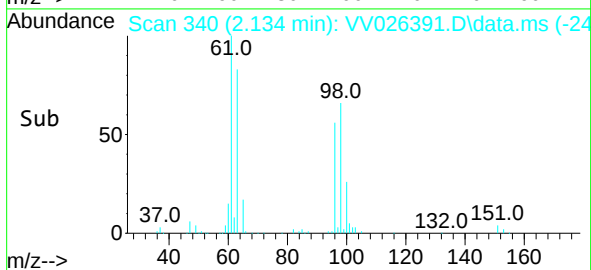
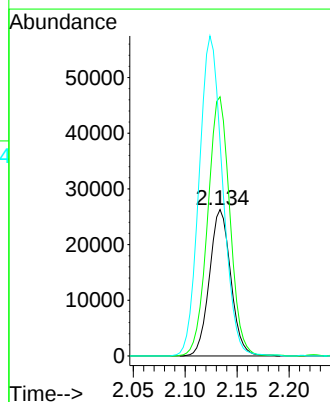
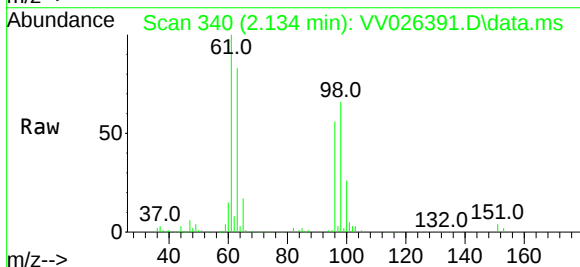
Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ68

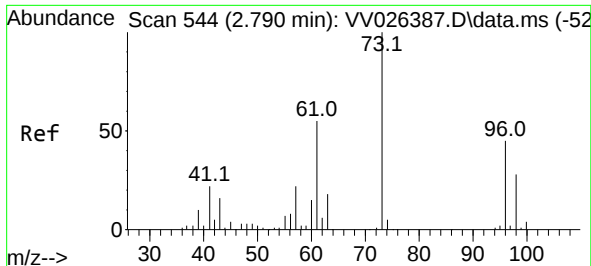
Tgt Ion:	101	Resp:	4361
Ion	Ratio	Lower	Upper
101	100		
85	38.9	35.3	52.9
151	66.2	56.8	85.2



#12
 1,1-Dichloroethene
 Concen: 3.354 ug/L
 RT: 2.134 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VV026391.D
 Acq: 17 Jun 2022 19:40

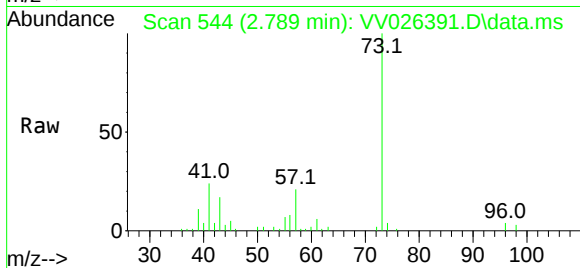
Tgt Ion:	96	Resp:	37488
Ion	Ratio	Lower	Upper
96	100		
61	177.0	117.1	217.5
63	146.4	92.8	172.4



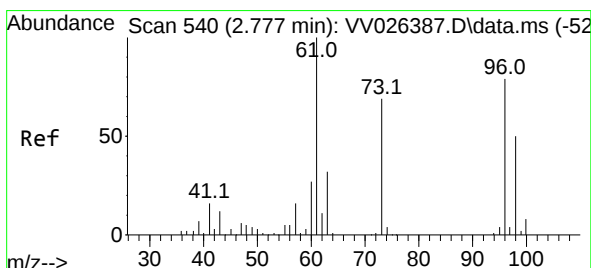
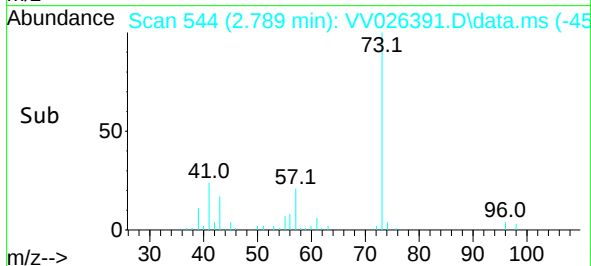
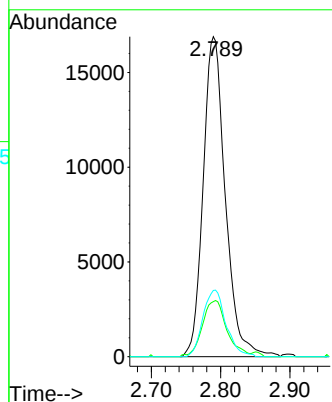


#17
Methyl tert-butyl Ether
Concen: 1.951 ug/L
RT: 2.789 min Scan# 541
Delta R.T. -0.000 min
Lab File: VV026391.D
Acq: 17 Jun 2022 19:40

Instrument :
MSVOA_V
ClientSampleId :
BGJ68

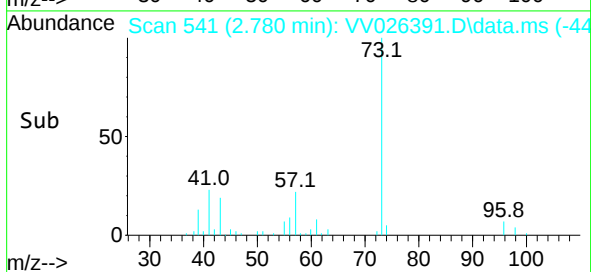
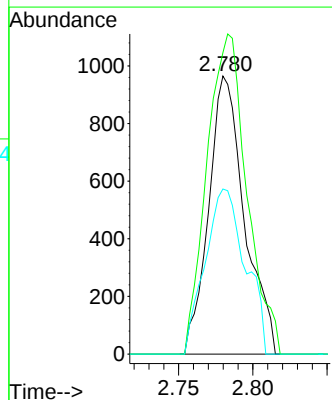
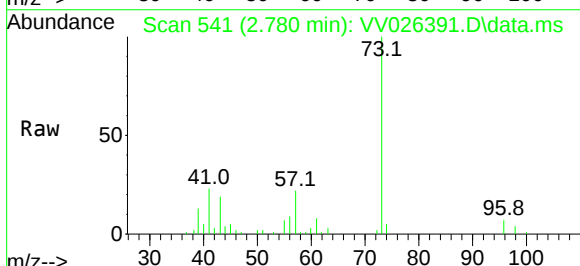


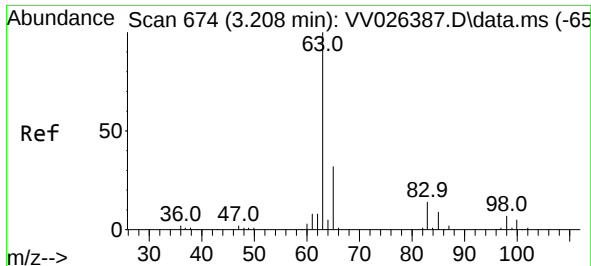
Tgt Ion: 73	Resp:	37502
Ion	Ratio	Lower Upper
73	100	
43	19.3	13.0 19.6
57	21.6	17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 0.149 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.003 min
Lab File: VV026391.D
Acq: 17 Jun 2022 19:40

Tgt Ion: 96	Resp:	1618
Ion	Ratio	Lower Upper
96	100	
61	108.4	91.3 169.6
98	59.4	45.3 84.1

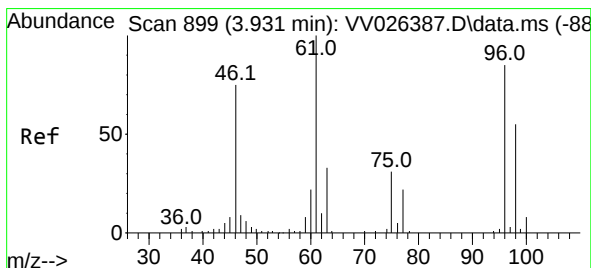
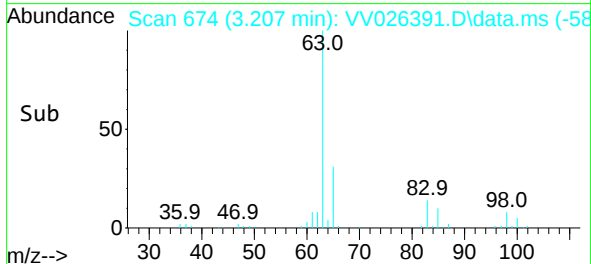
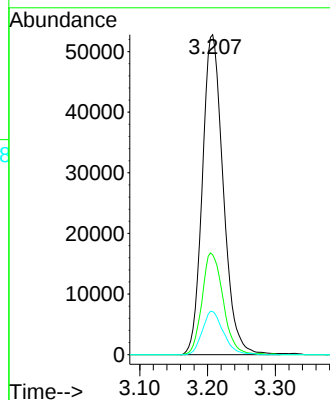
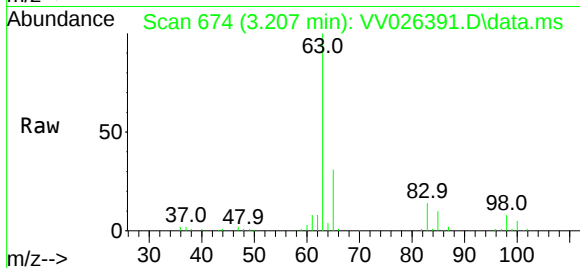




#19
1,1-Dichloroethane
Concen: 5.471 ug/L
RT: 3.207 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV026391.D
Acq: 17 Jun 2022 19:40

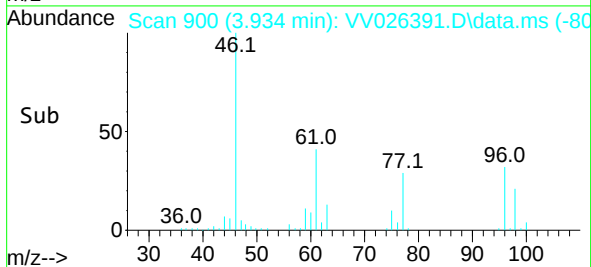
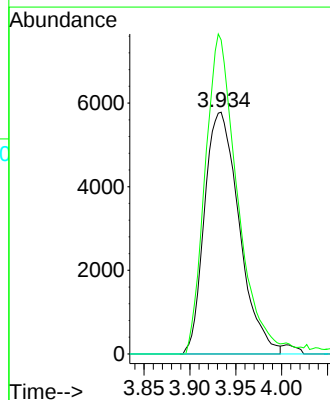
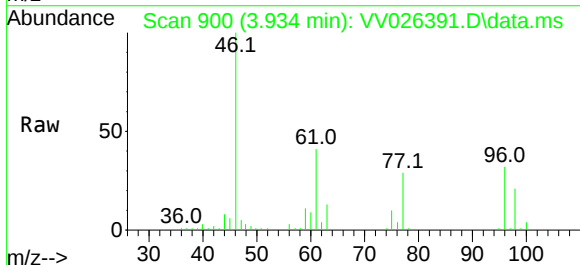
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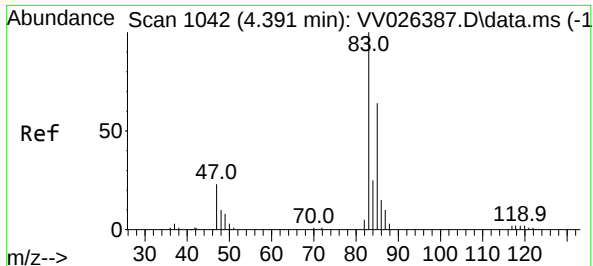
Tgt Ion: 63 Resp: 113115
Ion Ratio Lower Upper
63 100
65 31.2 22.3 41.3
83 13.5 8.9 16.5



#22
cis-1,2-Dichloroethene
Concen: 1.390 ug/L
RT: 3.934 min Scan# 900
Delta R.T. 0.003 min
Lab File: VV026391.D
Acq: 17 Jun 2022 19:40

Tgt Ion: 96 Resp: 15242
Ion Ratio Lower Upper
96 100
61 129.8 83.6 155.2
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.629 ug/L

RT: 4.391 min Scan# 1113

Delta R.T. -0.000 min

Lab File: VV026391.D

Acq: 17 Jun 2022 19:40

Instrument :

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ClientSampleId :

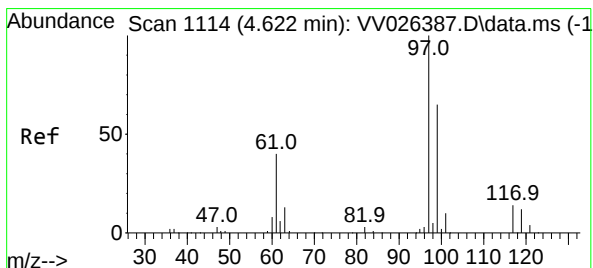
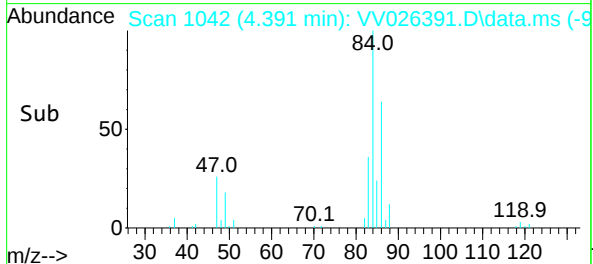
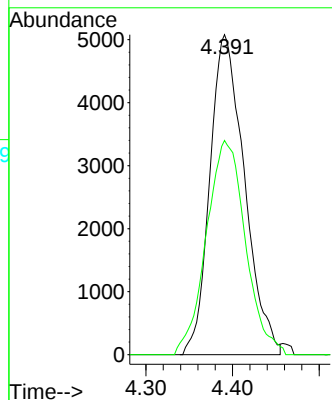
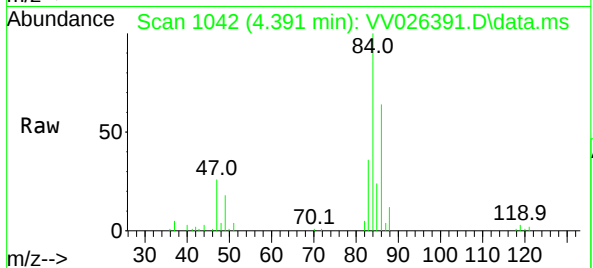
BGJ68

Tgt Ion: 83 Resp: 14103

Ion Ratio Lower Upper

83 100

85 67.0 46.5 86.3



#29

1,1,1-Trichloroethane

Concen: 0.307 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. -0.003 min

Lab File: VV026391.D

Acq: 17 Jun 2022 19:40

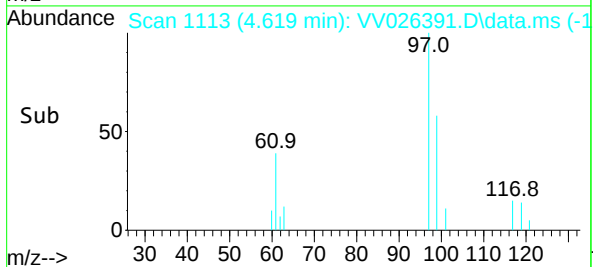
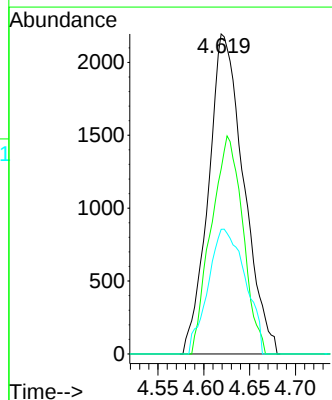
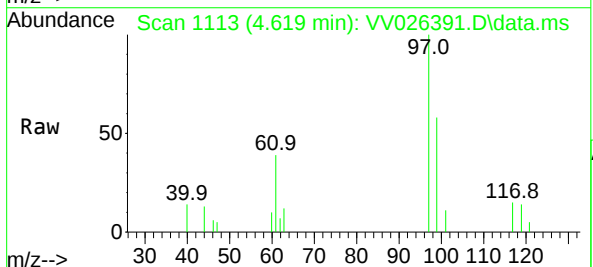
Tgt Ion: 97 Resp: 5860

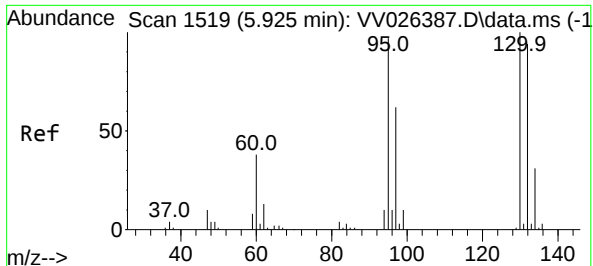
Ion Ratio Lower Upper

97 100

99 61.3 50.3 75.5

61 41.1 33.4 50.0

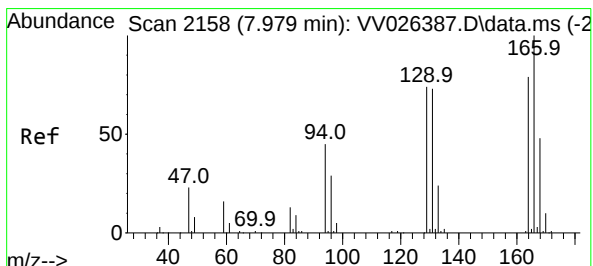
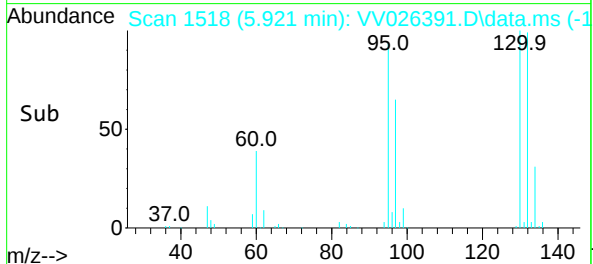
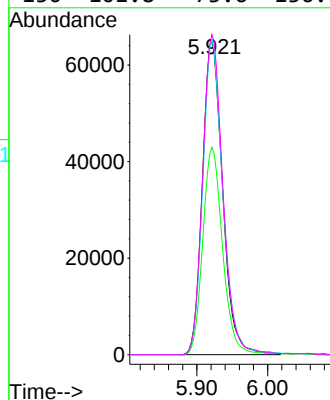
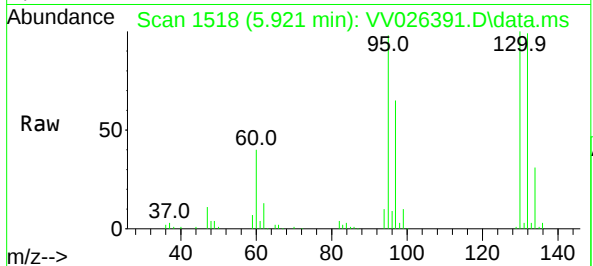




#34
Trichloroethene
Concen: 10.624 ug/L
RT: 5.921 min Scan# 11
Delta R.T. -0.003 min
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Tgt Ion: 95 Resp: 128353
Ion Ratio Lower Upper
95 100
97 66.0 46.5 86.3
132 100.5 68.8 127.8
130 101.8 73.6 136.6



#47
Tetrachloroethene
Concen: 5.098 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV026391.D
Acq: 17 Jun 2022 19:40

Tgt Ion: 164 Resp: 45617
Ion Ratio Lower Upper
164 100
129 94.9 67.5 125.3
131 89.7 63.8 118.4
166 122.9 89.5 166.3

